Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-400 Apr 12 j 06:17	16°♈53'25	-0°05'18	
minimum elong	-400 Apr 12 j 06:31	16°♈54'45	0°05'14	
behind sun begin	-400 Apr 12 j 01:40	16°♈28'20		
behind sun end	-400 Apr 12 j 11:23	17°♈21'11		
asc. node	-400 Apr 12 j 18:15	17°♈58'37		
	-400 Apr 18 j 07:16	0°♉		
evening rise	-400 Apr 19 j 05:05	1°♉55'57		
	-400 May 04 j 13:51	0°♊		
evening max el	-400 May 14 j 13:44	12°♊17'03	24°32'04	
desc. node	-400 May 22 j 16:20	18°♊01'50		
retrograde	-400 May 28 j 12:05	19°♊19'15		
evening set	-400 Jun 02 j 06:51	18°♊27'52		
min. Earth dist.	-400 Jun 08 j 01:13	15°♊32'15	0.56926 AU	
inferior conj	-400 Jun 10 j 20:05	13°♊44'51	-4°22'24	
minimum elong	-400 Jun 10 j 15:25	13°♊52'25	4°21'46	
morning rise	-400 Jun 19 j 02:47	9°♊39'25		
direct	-400 Jun 21 j 17:02	9°♊20'50		
morning max el	-400 Jul 01 j 00:46	13°♊40'51	19°26'18	
asc. node	-400 Jul 09 j 17:28	25°♊10'18		
	-400 Jul 12 j 11:44	0°♋		
morning set	-400 Jul 18 j 07:34	11°♋14'08		
superior conj	-400 Jul 26 j 10:01	27°♋24'39	1°47'21	
minimum elong	-400 Jul 26 j 09:55	27°♋24'13	1°47'22	
	-400 Jul 27 j 17:54	0°♌		
max. Earth dist.	-400 Aug 01 j 13:37	9°♌07'40	1.37817 AU	
evening rise	-400 Aug 05 j 08:47	15°♌59'51		
	-400 Aug 13 j 15:28	0°♍		
desc. node	-400 Aug 18 j 15:38	7°♍52'02		
	-400 Sep 03 j 15:54	0°♎		
evening max el	-400 Sep 10 j 04:05	7°♎12'09	25°08'20	
retrograde	-400 Sep 22 j 00:05	14°♎03'00		
evening set	-400 Sep 27 j 19:08	11°♎36'10		
min. Earth dist.	-400 Oct 02 j 06:55	6°♎32'59	0.67143 AU	
inferior conj	-400 Oct 03 j 06:22	5°♎16'13	-0°50'07	
minimum elong	-400 Oct 03 j 07:37	5°♎12'08	0°49'35	
asc. node	-400 Oct 05 j 16:41	2°♎13'11		
	-400 Oct 07 j 21:10	30°℞♍		
morning rise	-400 Oct 08 j 20:11	29°♍16'08		
direct	-400 Oct 12 j 08:10	28°♍05'21		
	-400 Oct 17 j 03:01	0°♎		
morning max el	-400 Oct 19 j 17:29	2°♎18'27	19°42'37	
	-400 Nov 08 j 13:57	0°♏		
morning set	-400 Nov 13 j 23:00	8°♏17'07		
desc. node	-400 Nov 14 j 14:56	9°♏18'50		
max. Earth dist.	-400 Nov 26 j 07:33	27°♏38'05	1.44255 AU	
	-400 Nov 27 j 19:12	0°♐		
superior conj	-400 Nov 30 j 16:13	4°♐36'41	-1°33'06	
minimum elong	-400 Nov 30 j 08:20	4°♐04'59	1°32'22	
evening rise	-400 Dec 14 j 09:56	27°♐19'33		
	-400 Dec 15 j 23:51	0°♑		
asc. node	-399 Jan 01 j 15:59	25°♑30'48		
evening max el	-399 Jan 02 j 00:06	25°♑51'48	18°18'46	
retrograde	-399 Jan 08 j 12:06	29°♑23'00		
evening set	-399 Jan 11 j 10:34	28°♑36'57		
inferior conj	-399 Jan 17 j 11:44	23°♑12'35	3°46'05	
minimum elong	-399 Jan 17 j 10:14	23°♑16'46	3°45'56	
min. Earth dist.	-399 Jan 19 j 20:41	20°♑33'39	0.63687 AU	
morning rise	-399 Jan 23 j 09:17	17°♑10'13		
direct	-399 Jan 30 j 08:35	14°♑22'38		
desc. node	-399 Feb 10 j 14:10	19°♑52'51		
morning max el	-399 Feb 13 j 01:51	22°♑12'35	27°37'08	
	-399 Feb 19 j 22:53	0°♒		
	-399 Mar 11 j 14:55	0°♓		
morning set	-399 Mar 19 j 18:41	15°♓21'40		
max. Earth dist.	-399 Mar 24 j 22:31	25°♓55'43	1.33226 AU	
	-399 Mar 26 j 20:39	0°♈		
superior conj	-399 Mar 27 j 13:34	1°♈30'23	-0°31'56	
minimum elong	-399 Mar 27 j 15:06	1°♈38'33	0°31'36	
asc. node	-399 Mar 30 j 15:17	8°♈06'35		
evening rise	-399 Apr 03 j 16:44	16°♈47'09		
	-399 Apr 10 j 07:09	0°♉		
evening max el	-399 Apr 26 j 04:44	22°♉52'01	22°57'08	
retrograde	-399 May 09 j 12:41	29°♉28'55		
desc. node	-399 May 09 j 13:23	29°♉28'55		
evening set	-399 May 12 j 21:34	29°♉04'02		
min. Earth dist.	-399 May 20 j 13:54	25°♉40'04	0.55559 AU	
inferior conj	-399 May 22 j 03:20	24°♉45'59	-3°18'17	
minimum elong	-399 May 21 j 20:11	24°♉56'20	3°16'23	
morning rise	-399 May 30 j 21:16	20°♉51'52		
direct	-399 Jun 02 j 14:52	20°♉34'12		
morning max el	-399 Jun 13 j 13:10	25°♉38'15	20°38'34	
	-399 Jun 17 j 13:22	0°♊		
asc. node	-399 Jun 26 j 14:31	14°♊10'22		
morning set	-399 Jul 02 j 13:36	25°♊52'36		
	-399 Jul 04 j 13:39	0°♋		
superior conj	-399 Jul 10 j 03:32	11°♋30'47	1°42'58	
minimum elong	-399 Jul 10 j 02:00	11°♋22'55	1°42'53	
max. Earth dist.	-399 Jul 14 j 20:59	20°♋57'24	1.36005 AU	
evening rise	-399 Jul 18 j 23:07	28°♋45'04		
	-399 Jul 19 j 15:17	0°♌		
desc. node	-399 Aug 05 j 12:40	28°♌00'44		
	-399 Aug 06 j 21:14	0°♍		
evening max el	-399 Aug 23 j 15:36	20°♍48'18	26°14'37	
retrograde	-399 Sep 05 j 07:09	27°♍57'58		
evening set	-399 Sep 11 j 16:30	25°♍17'49		
min. Earth dist.	-399 Sep 15 j 20:26	20°♍51'34	0.66396 AU	
inferior conj	-399 Sep 17 j 07:27	19°♍03'25	-1°45'56	
minimum elong	-399 Sep 17 j 10:07	18°♍55'10	1°44'53	
asc. node	-399 Sep 22 j 13:42	13°♍36'33		
morning rise	-399 Sep 23 j 04:04	13°♍13'36		
direct	-399 Sep 26 j 06:22	12°♍18'54		
morning max el	-399 Oct 03 j 02:16	16°♍07'26	18°50'23	
	-399 Oct 13 j 10:39	0°♎		
morning set	-399 Oct 24 j 13:35	17°♎26'50		
desc. node	-399 Nov 01 j 11:58	29°♎57'40		
	-399 Nov 01 j 12:34	0°♏		
max. Earth dist.	-399 Nov 09 j 00:51	11°♏48'38	1.44944 AU	
superior conj	-399 Nov 09 j 20:57	13°♏07'46	-0°52'58	
minimum elong	-399 Nov 09 j 14:21	12°♏41'45	0°52'10	
	-399 Nov 20 j 12:25	0°♐		
evening rise	-399 Nov 25 j 09:59	7°♐52'03		
	-399 Dec 09 j 08:25	0°♑		
evening max el	-399 Dec 16 j 11:18	9°♑16'05	18°47'52	
asc. node	-399 Dec 19 j 13:00	11°♑51'22		
retrograde	-399 Dec 23 j 05:22	13°♑04'13		
evening set	-399 Dec 26 j 09:16	12°♑07'03		
inferior conj	-398 Jan 01 j 03:12	6°♑25'10	3°25'26	
minimum elong	-398 Jan 01 j 00:40	6°♑32'53	3°24'57	
min. Earth dist.	-398 Jan 02 j 20:51	4°♑17'48	0.65215 AU	
morning rise	-398 Jan 06 j 15:44	0°♑16'42		
	-398 Jan 06 j 23:37	30°℞♐		
direct	-398 Jan 13 j 07:41	27°♐24'49		
	-398 Jan 20 j 11:07	0°♑		
morning max el	-398 Jan 26 j 11:38	5°♑05'43	26°55'34	
desc. node	-398 Jan 28 j 11:11	7°♑09'46		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-398 Feb 14 j 12:56	0°♒	
morning set	-398 Mar 03 j 06:07	28°♒54'41	
	-398 Mar 03 j 19:41	0°♓	
max. Earth dist.	-398 Mar 07 j 17:06	7°♓41'20	1.34294 AU
superior conj	-398 Mar 11 j 15:43	15°♓47'04	-0°58'22
minimum elong	-398 Mar 11 j 18:27	16°♓01'23	0°57'51
asc. node	-398 Mar 17 j 12:19	28°♓07'05	
	-398 Mar 18 j 09:51	0°♈	
evening rise	-398 Mar 19 j 02:41	1°♈27'47	
	-398 Apr 04 j 17:10	0°♉	
evening max el	-398 Apr 08 j 01:29	3°♉38'24	21°25'45
retrograde	-398 Apr 20 j 03:43	9°♉31'10	
evening set	-398 Apr 22 j 13:25	9°♉17'57	
desc. node	-398 Apr 26 j 10:23	8°♉06'47	
inferior conj	-398 May 01 j 22:41	5°♉17'10	-1°33'43
minimum elong	-398 May 01 j 18:19	5°♉23'18	1°32'12
min. Earth dist.	-398 May 02 j 02:50	5°♉11'20	0.55007 AU
morning rise	-398 May 10 j 23:45	1°♉17'11	
direct	-398 May 14 j 01:38	0°♉56'31	
morning max el	-398 May 26 j 14:45	6°♉53'25	22°08'29
	-398 Jun 11 j 14:46	0°♊	
asc. node	-398 Jun 13 j 11:33	3°♊37'16	
morning set	-398 Jun 16 j 23:21	10°♊43'36	
superior conj	-398 Jun 24 j 05:15	26°♊02'27	1°32'15
minimum elong	-398 Jun 24 j 02:56	25°♊50'13	1°32'01
	-398 Jun 26 j 02:42	0°♋	
max. Earth dist.	-398 Jun 27 j 12:44	2°♋55'37	1.34527 AU
evening rise	-398 Jul 02 j 05:27	12°♋18'23	
	-398 Jul 11 j 23:15	0°♌	
desc. node	-398 Jul 23 j 09:42	17°♌44'17	
	-398 Aug 02 j 00:45	0°♍	
evening max el	-398 Aug 06 j 03:20	4°♍17'41	27°02'25
retrograde	-398 Aug 19 j 09:07	11°♍36'34	
evening set	-398 Aug 26 j 06:14	8°♍50'26	
min. Earth dist.	-398 Aug 30 j 03:00	5°♍01'22	0.65287 AU
inferior conj	-398 Sep 01 j 02:40	2°♍45'13	-2°40'25
minimum elong	-398 Sep 01 j 06:35	2°♍34'00	2°39'03
	-398 Sep 03 j 15:14	30°℞♌	
morning rise	-398 Sep 07 j 07:35	27°♌08'44	
asc. node	-398 Sep 09 j 10:44	26°♌28'50	
direct	-398 Sep 10 j 02:35	26°♌26'27	
morning max el	-398 Sep 16 j 15:48	29°♌59'38	18°14'29
	-398 Sep 16 j 15:57	0°♍	
morning set	-398 Oct 05 j 08:22	28°♍00'26	
	-398 Oct 06 j 13:27	0°♎	
desc. node	-398 Oct 19 j 09:00	20°♎42'07	
superior conj	-398 Oct 19 j 23:01	21°♎37'43	-0°03'51
minimum elong	-398 Oct 19 j 22:31	21°♎35'47	0°03'47
behind sun begin	-398 Oct 19 j 11:45	20°♎53'03	
behind sun end	-398 Oct 20 j 09:18	22°♎18'28	
max. Earth dist.	-398 Oct 22 j 19:25	26°♎07'58	1.44899 AU
	-398 Oct 25 j 06:26	0°♏	
evening rise	-398 Nov 05 j 10:37	17°♏27'20	
	-398 Nov 13 j 12:27	0°♐	
greatest brilliancy	-398 Nov 17 j 10:01	5°♐58'23	-0.7m
evening max el	-398 Nov 29 j 18:57	22°♐43'09	19°33'43
asc. node	-398 Dec 06 j 10:01	26°♐54'28	
retrograde	-398 Dec 07 j 02:03	26°♐56'59	
evening set	-398 Dec 10 j 13:02	25°♐47'02	
inferior conj	-398 Dec 16 j 02:00	19°♐50'31	2°53'31
minimum elong	-398 Dec 15 j 23:10	19°♐59'46	2°52'45
min. Earth dist.	-398 Dec 17 j 05:31	18°♐20'44	0.66364 AU
morning rise	-398 Dec 21 j 09:04	13°♐38'24	
direct	-398 Dec 27 j 12:56	10°♐54'44	

morning max el	-397 Jan 08 j 20:53	18°♐13'24	25°48'41
desc. node	-397 Jan 15 j 08:13	25°♐32'09	
	-397 Jan 18 j 19:50	0°♑	
	-397 Feb 07 j 13:06	0°♒	
morning set	-397 Feb 14 j 03:06	11°♒39'40	
max. Earth dist.	-397 Feb 17 j 23:34	18°♒53'24	1.35815 AU
superior conj	-397 Feb 23 j 10:07	29°♒35'23	-1°23'03
minimum elong	-397 Feb 23 j 13:45	29°♒53'38	1°22'31
	-397 Feb 23 j 15:00	0°♓	
evening rise	-397 Mar 03 j 08:55	15°♓50'53	
asc. node	-397 Mar 04 j 09:21	17°♓54'54	
	-397 Mar 10 j 16:20	0°♈	
evening max el	-397 Mar 21 j 08:50	14°♈57'31	20°08'02
retrograde	-397 Mar 31 j 18:31	19°♈56'47	
evening set	-397 Apr 02 j 21:22	19°♈45'17	
inferior conj	-397 Apr 11 j 19:50	15°♈46'21	0°25'15
minimum elong	-397 Apr 11 j 20:58	15°♈44'39	0°24'51
desc. node	-397 Apr 13 j 07:24	14°♈53'05	
min. Earth dist.	-397 Apr 13 j 16:53	14°♈39'02	0.55411 AU
morning rise	-397 Apr 20 j 18:36	11°♈21'59	
direct	-397 Apr 24 j 15:25	10°♈49'13	
morning max el	-397 May 08 j 08:09	17°♈34'58	23°48'33
	-397 May 18 j 10:22	0°♉	
asc. node	-397 May 31 j 08:37	23°♉23'49	
morning set	-397 Jun 01 j 11:00	25°♉41'30	
	-397 Jun 03 j 11:42	0°♊	
superior conj	-397 Jun 08 j 12:24	10°♊50'54	1°16'36
minimum elong	-397 Jun 08 j 09:54	10°♊37'24	1°16'14
max. Earth dist.	-397 Jun 10 j 14:01	15°♊16'35	1.33435 AU
evening rise	-397 Jun 15 j 23:27	26°♊27'19	
	-397 Jun 17 j 18:19	0°♋	
	-397 Jul 05 j 07:34	0°♌	
desc. node	-397 Jul 10 j 06:42	6°♌52'09	
evening max el	-397 Jul 19 j 14:21	17°♌30'16	27°24'40
retrograde	-397 Aug 02 j 05:19	24°♌50'31	
evening set	-397 Aug 09 j 09:22	22°♌09'19	
min. Earth dist.	-397 Aug 13 j 00:44	18°♌54'20	0.63816 AU
inferior conj	-397 Aug 15 j 13:34	16°♌16'51	-3°30'40
minimum elong	-397 Aug 15 j 18:13	16°♌04'47	3°29'22
morning rise	-397 Aug 22 j 04:04	10°♌56'45	
direct	-397 Aug 24 j 18:15	10°♌23'28	
asc. node	-397 Aug 27 j 07:48	10°♌56'28	
morning max el	-397 Aug 31 j 07:26	13°♌49'32	17°55'52
	-397 Sep 11 j 12:06	0°♍	
morning set	-397 Sep 17 j 05:42	9°♍50'57	
	-397 Sep 29 j 03:38	0°♎	
superior conj	-397 Sep 29 j 19:14	1°♎04'00	0°41'49
minimum elong	-397 Sep 29 j 23:28	1°♎21'21	0°41'15
max. Earth dist.	-397 Oct 05 j 12:30	10°♎19'14	1.44142 AU
desc. node	-397 Oct 06 j 06:02	11°♎29'08	
evening rise	-397 Oct 15 j 19:20	26°♎26'13	
	-397 Oct 18 j 02:59	0°♏	
	-397 Nov 07 j 15:49	0°♐	
evening max el	-397 Nov 12 j 21:35	6°♐11'41	20°34'12
retrograde	-397 Nov 20 j 23:40	10°♐58'08	
asc. node	-397 Nov 23 j 07:03	10°♐27'48	
evening set	-397 Nov 24 j 19:45	9°♐33'21	
inferior conj	-397 Nov 30 j 05:38	3°♐25'19	2°13'20
minimum elong	-397 Nov 30 j 03:04	3°♐34'04	2°12'27
min. Earth dist.	-397 Nov 30 j 20:32	2°♐34'42	0.67138 AU
	-397 Dec 02 j 19:48	30°℞♏	
morning rise	-397 Dec 05 j 10:11	27°♏11'44	
direct	-397 Dec 10 j 23:30	24°♏45'04	
	-397 Dec 20 j 17:16	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-397 Dec 22 j 05:12	1°♐27'15	24°26'20
desc. node	-396 Jan 02 j 05:17	14°♐41'13	
	-396 Jan 12 j 20:43	0°♑	
morning set	-396 Jan 27 j 03:59	23°♑20'58	
	-396 Jan 30 j 21:40	0°♒	
max. Earth dist.	-396 Jan 30 j 20:36	29°♑55'11	1.37733 AU
superior conj	-396 Feb 06 j 17:33	12°♒46'55	-1°43'50
minimum elong	-396 Feb 06 j 21:14	13°♒04'43	1°43'30
evening rise	-396 Feb 15 j 09:11	29°♒50'20	
	-396 Feb 15 j 11:08	0°♓	
asc. node	-396 Feb 19 j 06:24	7°♓25'05	
evening max el	-396 Mar 03 j 03:16	26°♓54'56	19°08'43
	-396 Mar 07 j 08:13	0°♈	
retrograde	-396 Mar 11 j 21:37	1°♈07'47	
evening set	-396 Mar 14 j 03:28	0°♈52'25	
	-396 Mar 16 j 17:33	30°℞♓	
inferior conj	-396 Mar 22 j 07:44	26°♓40'47	2°05'57
minimum elong	-396 Mar 22 j 11:59	26°♓33'30	2°04'43
min. Earth dist.	-396 Mar 25 j 08:13	24°♓37'43	0.56687 AU
desc. node	-396 Mar 30 j 04:27	21°♓57'07	
morning rise	-396 Mar 30 j 17:33	21°♓44'03	
direct	-396 Apr 04 j 17:19	20°♓45'56	
morning max el	-396 Apr 18 j 22:42	28°♓04'52	25°26'01
	-396 Apr 20 j 20:12	0°♈	
	-396 May 10 j 16:22	0°♉	
morning set	-396 May 15 j 22:54	10°♉40'14	
asc. node	-396 May 17 j 05:41	13°♉23'31	
superior conj	-396 May 22 j 22:45	25°♉48'01	0°57'04
minimum elong	-396 May 22 j 20:34	25°♉36'04	0°56'40
max. Earth dist.	-396 May 23 j 22:40	27°♉58'29	1.32728 AU
	-396 May 24 j 21:02	0°♊	
evening rise	-396 May 30 j 01:33	11°♊00'12	
	-396 Jun 09 j 00:14	0°♋	
desc. node	-396 Jun 26 j 03:44	25°♋08'48	
	-396 Jun 30 j 17:12	0°♌	
evening max el	-396 Jun 30 j 22:17	0°♌12'09	27°15'52
retrograde	-396 Jul 14 j 18:47	7°♌29'52	
evening set	-396 Jul 21 j 21:59	5°♌06'58	
min. Earth dist.	-396 Jul 25 j 12:15	2°♌17'46	0.62018 AU
	-396 Jul 28 j 00:20	30°℞♋	
inferior conj	-396 Jul 28 j 13:05	29°♋30'24	-4°12'21
minimum elong	-396 Jul 28 j 17:22	29°♋20'31	4°11'34
morning rise	-396 Aug 04 j 14:09	24°♋29'58	
direct	-396 Aug 07 j 02:04	24°♋02'51	
asc. node	-396 Aug 13 j 04:53	26°♋49'22	
morning max el	-396 Aug 13 j 22:15	27°♋29'52	17°55'33
	-396 Aug 16 j 04:19	0°♌	
morning set	-396 Aug 29 j 23:34	22°♌40'24	
	-396 Sep 03 j 01:02	0°♍	
superior conj	-396 Sep 09 j 18:35	11°♍50'27	1°15'59
minimum elong	-396 Sep 09 j 23:32	12°♍11'42	1°15'26
max. Earth dist.	-396 Sep 17 j 01:42	24°♍05'41	1.42770 AU
	-396 Sep 20 j 17:12	0°♎	
desc. node	-396 Sep 22 j 03:04	2°♎14'58	
evening rise	-396 Sep 24 j 04:39	5°♎30'41	
	-396 Oct 10 j 11:34	0°♏	
evening max el	-396 Oct 25 j 18:25	19°♏40'34	21°46'10
retrograde	-396 Nov 03 j 20:16	25°♏04'22	
evening set	-396 Nov 08 j 03:32	23°♏22'45	
asc. node	-396 Nov 09 j 04:06	22°♏28'13	
inferior conj	-396 Nov 13 j 11:56	17°♏06'32	1°26'56
minimum elong	-396 Nov 13 j 10:04	17°♏13'00	1°26'11
min. Earth dist.	-396 Nov 13 j 15:32	16°♏54'06	0.67554 AU
morning rise	-396 Nov 18 j 16:27	10°♏53'39	
direct	-396 Nov 23 j 14:30	8°♏48'38	
morning max el	-396 Dec 03 j 14:48	14°♏45'31	22°58'41
	-396 Dec 15 j 23:23	0°♐	
desc. node	-396 Dec 19 j 02:20	4°♐23'23	
	-395 Jan 04 j 20:18	0°♑	
morning set	-395 Jan 07 j 02:35	3°♑43'04	
max. Earth dist.	-395 Jan 11 j 16:09	11°♑25'57	1.39847 AU
superior conj	-395 Jan 19 j 09:41	25°♑10'35	-1°57'45
minimum elong	-395 Jan 19 j 11:58	25°♑21'04	1°57'41
	-395 Jan 22 j 00:13	0°♒	
evening rise	-395 Jan 29 j 00:37	13°♒19'22	
asc. node	-395 Feb 05 j 03:27	26°♒31'38	
	-395 Feb 07 j 04:42	0°♓	
evening max el	-395 Feb 14 j 06:37	9°♓25'54	18°29'20
retrograde	-395 Feb 21 j 19:44	13°♓08'08	
evening set	-395 Feb 24 j 06:35	12°♓45'54	
inferior conj	-395 Mar 03 j 16:25	8°♓14'26	3°12'07
minimum elong	-395 Mar 03 j 20:13	8°♓06'50	3°11'23
min. Earth dist.	-395 Mar 07 j 02:38	5°♓31'33	0.58545 AU
morning rise	-395 Mar 11 j 07:18	2°♓48'57	
direct	-395 Mar 17 j 08:24	1°♓14'56	
desc. node	-395 Mar 17 j 01:31	1°♓15'09	
morning max el	-395 Mar 31 j 16:28	8°♓52'33	26°45'28
	-395 Apr 16 j 17:00	0°♈	
morning set	-395 Apr 30 j 09:23	25°♈34'14	
	-395 May 02 j 11:33	0°♉	
asc. node	-395 May 04 j 02:45	3°♉31'33	
superior conj	-395 May 07 j 10:29	10°♉47'41	0°34'31
minimum elong	-395 May 07 j 09:01	10°♉39'38	0°34'13
max. Earth dist.	-395 May 07 j 11:13	10°♉51'44	1.32389 AU
evening rise	-395 May 14 j 09:03	25°♉48'02	
	-395 May 16 j 09:48	0°♊	
	-395 Jun 02 j 18:12	0°♋	
evening max el	-395 Jun 13 j 00:24	12°♋11'43	26°33'53
desc. node	-395 Jun 13 j 00:46	12°♋12'33	
retrograde	-395 Jun 27 j 00:19	19°♋26'31	
evening set	-395 Jul 03 j 15:32	17°♋34'45	
min. Earth dist.	-395 Jul 07 j 13:38	14°♋56'58	0.59999 AU
inferior conj	-395 Jul 10 j 21:39	12°♋16'39	-4°38'34
minimum elong	-395 Jul 10 j 23:46	12°♋12'23	4°38'24
morning rise	-395 Jul 18 j 09:58	7°♋38'29	
direct	-395 Jul 20 j 21:46	7°♋15'37	
morning max el	-395 Jul 28 j 09:18	10°♋53'11	18°14'38
asc. node	-395 Jul 31 j 01:58	13°♋52'33	
	-395 Aug 10 j 00:48	0°♌	
morning set	-395 Aug 13 j 08:25	6°♌13'23	
superior conj	-395 Aug 22 j 19:26	23°♌52'46	1°36'58
minimum elong	-395 Aug 22 j 22:40	24°♌07'30	1°36'44
	-395 Aug 26 j 05:31	0°♍	
max. Earth dist.	-395 Aug 30 j 09:31	7°♍13'15	1.40958 AU
evening rise	-395 Sep 04 j 07:15	15°♍24'03	
desc. node	-395 Sep 09 j 00:05	22°♍56'22	
	-395 Sep 13 j 13:36	0°♎	
	-395 Oct 05 j 11:06	0°♏	
evening max el	-395 Oct 08 j 10:00	3°♏10'30	23°05'00
retrograde	-395 Oct 18 j 14:22	9°♏12'39	
evening set	-395 Oct 23 j 10:40	7°♏12'58	
asc. node	-395 Oct 27 j 01:10	3°♏14'05	
inferior conj	-395 Oct 28 j 19:02	0°♏52'04	0°35'57
minimum elong	-395 Oct 28 j 18:12	0°♏54'57	0°35'35
min. Earth dist.	-395 Oct 28 j 12:06	1°♏15'59	0.67643 AU
	-395 Oct 29 j 10:13	30°℞♎	
morning rise	-395 Nov 03 j 01:40	24°♎42'07	
direct	-395 Nov 07 j 09:06	22°♎59'48	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-395 Nov 16 j 05:09	28°♎11'06	21°34'16
	-395 Nov 17 j 22:11	0°♏	
desc. node	-395 Dec 05 j 23:22	24°♏28'46	
	-395 Dec 09 j 15:31	0°♐	
morning set	-395 Dec 17 j 20:05	12°♐42'07	
max. Earth dist.	-395 Dec 24 j 16:51	23°♐48'32	1.41877 AU
	-395 Dec 28 j 09:41	0°♑	
superior conj	-394 Jan 01 j 05:03	6°♑31'54	-2°00'50
minimum elong	-394 Jan 01 j 03:53	6°♑26'49	2°00'49
evening rise	-394 Jan 12 j 03:38	26°♑08'47	
	-394 Jan 14 j 06:15	0°♒	
asc. node	-394 Jan 23 j 00:30	15°♒05'56	
evening max el	-394 Jan 28 j 15:48	22°♒20'53	18°09'58
retrograde	-394 Feb 04 j 11:21	25°♒48'25	
evening set	-394 Feb 07 j 02:43	25°♒17'49	
inferior conj	-394 Feb 13 j 21:10	20°♒25'10	3°44'46
minimum elong	-394 Feb 13 j 22:48	20°♒21'22	3°44'37
min. Earth dist.	-394 Feb 17 j 03:05	17°♒25'49	0.60632 AU
morning rise	-394 Feb 20 j 17:07	14°♒39'37	
direct	-394 Feb 27 j 11:01	12°♒28'36	
desc. node	-394 Mar 03 j 22:33	13°♒22'00	
morning max el	-394 Mar 13 j 16:25	20°♒16'42	27°34'16
	-394 Mar 22 j 01:12	0°♓	
	-394 Apr 09 j 12:50	0°♈	
morning set	-394 Apr 14 j 16:36	10°♈16'05	
asc. node	-394 Apr 20 j 23:48	23°♈42'39	
max. Earth dist.	-394 Apr 20 j 23:39	23°♈41'51	1.32410 AU
superior conj	-394 Apr 21 j 21:49	25°♈43'02	0°09'43
minimum elong	-394 Apr 21 j 21:23	25°♈40'37	0°09'37
behind sun begin	-394 Apr 21 j 17:21	25°♈18'33	
behind sun end	-394 Apr 22 j 01:25	26°♈02'42	
	-394 Apr 23 j 20:44	0°♉	
evening rise	-394 Apr 28 j 19:38	10°♉42'06	
	-394 May 08 j 17:34	0°♊	
evening max el	-394 May 25 j 19:30	23°♊25'25	25°22'29
desc. node	-394 May 30 j 21:47	27°♊33'18	
	-394 Jun 04 j 23:14	0°♋	
retrograde	-394 Jun 08 j 20:24	0°♋35'30	
	-394 Jun 12 j 17:21	30°℞♊	
evening set	-394 Jun 14 j 10:24	29°♊22'35	
min. Earth dist.	-394 Jun 19 j 07:22	26°♊38'00	0.57967 AU
inferior conj	-394 Jun 22 j 11:43	24°♊25'26	-4°38'56
minimum elong	-394 Jun 22 j 09:43	24°♊28'57	4°38'48
morning rise	-394 Jun 30 j 11:43	20°♊09'36	
direct	-394 Jul 03 j 00:44	19°♊49'51	
morning max el	-394 Jul 11 j 13:34	23°♊50'15	18°54'13
	-394 Jul 16 j 17:12	0°♋	
asc. node	-394 Jul 17 j 23:01	1°♋50'46	
morning set	-394 Jul 28 j 03:55	20°♋18'12	
	-394 Aug 02 j 02:17	0°♌	
superior conj	-394 Aug 05 j 16:09	6°♌55'05	1°46'20
minimum elong	-394 Aug 05 j 17:11	7°♌00'01	1°46'19
max. Earth dist.	-394 Aug 12 j 12:45	19°♌36'17	1.38946 AU
evening rise	-394 Aug 16 j 10:35	26°♌27'28	
	-394 Aug 18 j 12:35	0°♍	
desc. node	-394 Aug 26 j 21:06	13°♍29'25	
	-394 Sep 07 j 03:50	0°♎	
evening max el	-394 Sep 20 j 22:15	16°♎43'34	24°24'49
retrograde	-394 Oct 02 j 04:55	23°♎19'54	
evening set	-394 Oct 07 j 15:28	21°♎02'20	
min. Earth dist.	-394 Oct 12 j 07:53	15°♎38'50	0.67412 AU
inferior conj	-394 Oct 13 j 01:13	14°♎40'41	-0°18'08
minimum elong	-394 Oct 13 j 01:40	14°♎39'12	0°17'57
asc. node	-394 Oct 13 j 22:12	13°♎30'43	
morning rise	-394 Oct 18 j 11:54	8°♎36'08	
direct	-394 Oct 22 j 06:19	7°♎14'48	
morning max el	-394 Oct 30 j 02:42	11°♎46'56	20°19'35
	-394 Nov 12 j 23:27	0°♏	
desc. node	-394 Nov 22 j 20:23	14°♏51'06	
morning set	-394 Nov 26 j 18:11	20°♏52'10	
	-394 Dec 02 j 14:25	0°♐	
max. Earth dist.	-394 Dec 07 j 00:44	7°♐03'01	1.43544 AU
superior conj	-394 Dec 12 j 22:43	16°♐40'39	-1°48'29
minimum elong	-394 Dec 12 j 16:48	16°♐16'13	1°48'06
	-394 Dec 20 j 20:40	0°♑	
evening rise	-394 Dec 25 j 14:06	8°♑10'40	
	-393 Jan 07 j 16:34	0°♒	
asc. node	-393 Jan 09 j 21:31	2°♒58'27	
evening max el	-393 Jan 12 j 03:56	5°♒32'30	18°10'08
retrograde	-393 Jan 18 j 16:13	8°♒59'00	
evening set	-393 Jan 21 j 11:53	8°♒19'01	
inferior conj	-393 Jan 27 j 18:28	3°♒05'57	3°51'16
minimum elong	-393 Jan 27 j 17:56	3°♒07'23	3°51'14
min. Earth dist.	-393 Jan 30 j 12:09	0°♒13'52	0.62648 AU
	-393 Jan 30 j 17:40	30°℞♑	
morning rise	-393 Feb 02 j 22:58	27°♑08'12	
direct	-393 Feb 09 j 23:07	24°♑29'26	
desc. node	-393 Feb 18 j 19:36	27°♑57'17	
	-393 Feb 21 j 09:15	0°♒	
morning max el	-393 Feb 23 j 22:01	2°♒21'28	27°46'25
	-393 Mar 16 j 08:35	0°♓	
morning set	-393 Mar 29 j 18:24	24°♓38'41	
	-393 Apr 01 j 09:01	0°♈	
max. Earth dist.	-393 Apr 04 j 08:00	6°♈15'04	1.32808 AU
superior conj	-393 Apr 06 j 07:07	10°♈28'35	-0°16'33
minimum elong	-393 Apr 06 j 07:54	10°♈32'49	0°16'22
asc. node	-393 Apr 07 j 20:50	13°♈52'59	
evening rise	-393 Apr 13 j 07:23	25°♈36'00	
	-393 Apr 15 j 10:01	0°♉	
	-393 May 03 j 14:18	0°♊	
evening max el	-393 May 07 j 10:17	4°♊07'10	23°52'05
desc. node	-393 May 17 j 18:49	10°♊35'03	
retrograde	-393 May 21 j 04:45	11°♊01'38	
evening set	-393 May 25 j 08:21	10°♊23'31	
min. Earth dist.	-393 May 31 j 21:19	7°♊16'58	0.56254 AU
inferior conj	-393 Jun 03 j 05:37	5°♊50'56	-4°00'53
minimum elong	-393 Jun 02 j 23:22	6°♊00'32	3°59'40
morning rise	-393 Jun 11 j 17:17	1°♊51'54	
direct	-393 Jun 14 j 08:25	1°♊34'07	
morning max el	-393 Jun 24 j 08:18	6°♊11'44	19°54'42
asc. node	-393 Jul 04 j 20:03	20°♊31'20	
	-393 Jul 09 j 21:32	0°♋	
morning set	-393 Jul 12 j 06:48	4°♋46'07	
superior conj	-393 Jul 20 j 03:19	20°♋41'24	1°46'22
minimum elong	-393 Jul 20 j 02:32	20°♋37'28	1°46'22
	-393 Jul 24 j 21:43	0°♌	
max. Earth dist.	-393 Jul 25 j 16:29	1°♌29'05	1.37004 AU
evening rise	-393 Jul 29 j 13:25	8°♌38'58	
	-393 Aug 11 j 06:28	0°♍	
desc. node	-393 Aug 13 j 18:08	3°♍48'44	
	-393 Sep 03 j 01:36	0°♎	
evening max el	-393 Sep 03 j 09:38	0°♎19'46	25°38'23
retrograde	-393 Sep 15 j 14:58	7°♎20'39	
evening set	-393 Sep 21 j 16:06	4°♎47'39	
min. Earth dist.	-393 Sep 26 j 00:28	29°♍59'46	0.66859 AU
	-393 Sep 26 j 00:24	30°℞♍	
inferior conj	-393 Sep 27 j 04:42	28°♍29'20	-1°13'50
minimum elong	-393 Sep 27 j 06:33	28°♍23'23	1°13'03

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-393 Sep 30 j 19:14	24°♍15'16	
morning rise	-393 Oct 02 j 21:12	22°♍33'02	
direct	-393 Oct 06 j 04:42	21°♍29'37	
morning max el	-393 Oct 13 j 07:38	25°♍31'32	19°18'27
	-393 Oct 17 j 04:05	0°♎	
morning set	-393 Nov 05 j 20:19	29°♎22'04	
	-393 Nov 06 j 06:03	0°♏	
desc. node	-393 Nov 09 j 17:24	5°♏24'57	
max. Earth dist.	-393 Nov 19 j 15:02	20°♏56'59	1.44636 AU
superior conj	-393 Nov 22 j 14:19	25°♏39'24	-1°17'54
minimum elong	-393 Nov 22 j 06:09	25°♏06'58	1°17'02
	-393 Nov 25 j 07:39	0°♐	
evening rise	-393 Dec 07 j 03:35	19°♐16'37	
	-393 Dec 13 j 14:55	0°♑	
evening max el	-393 Dec 26 j 16:13	18°♑53'51	18°29'01
asc. node	-393 Dec 27 j 18:32	19°♑56'39	
retrograde	-392 Jan 02 j 05:53	22°♑30'51	
evening set	-392 Jan 05 j 06:30	21°♑40'19	
inferior conj	-392 Jan 11 j 04:19	16°♑08'30	3°38'53
minimum elong	-392 Jan 11 j 02:17	16°♑14'25	3°38'36
min. Earth dist.	-392 Jan 13 j 06:50	13°♑41'34	0.64389 AU
morning rise	-392 Jan 16 j 21:34	10°♑03'16	
direct	-392 Jan 23 j 18:40	7°♑11'44	
desc. node	-392 Feb 05 j 16:36	14°♑24'23	
morning max el	-392 Feb 06 j 06:49	14°♑59'24	27°22'56
	-392 Feb 18 j 14:05	0°♒	
	-392 Mar 08 j 00:24	0°♓	
morning set	-392 Mar 12 j 12:04	8°♓32'56	
max. Earth dist.	-392 Mar 17 j 08:27	18°♓19'36	1.33621 AU
superior conj	-392 Mar 20 j 12:31	24°♓58'07	-0°43'15
minimum elong	-392 Mar 20 j 14:35	25°♓09'03	0°42'50
	-392 Mar 22 j 21:14	0°♈	
asc. node	-392 Mar 24 j 17:52	3°♈58'30	
evening rise	-392 Mar 27 j 18:32	10°♈23'31	
	-392 Apr 07 j 00:25	0°♉	
evening max el	-392 Apr 18 j 03:09	14°♉44'39	22°17'12
retrograde	-392 May 01 j 00:24	21°♉04'18	
evening set	-392 May 03 j 21:18	20°♉46'09	
desc. node	-392 May 03 j 15:50	20°♉48'53	
min. Earth dist.	-392 May 12 j 10:13	17°♉06'12	0.55208 AU
inferior conj	-392 May 13 j 06:33	16°♉37'28	-2°37'50
minimum elong	-392 May 12 j 23:56	16°♉46'50	2°35'48
morning rise	-392 May 22 j 04:15	12°♉42'52	
direct	-392 May 25 j 00:29	12°♉24'32	
morning max el	-392 Jun 05 j 15:58	17°♉51'14	21°14'57
	-392 Jun 15 j 04:35	0°♊	
asc. node	-392 Jun 20 j 17:06	9°♊44'14	
morning set	-392 Jun 25 j 14:41	19°♊30'57	
	-392 Jun 30 j 15:09	0°♋	
superior conj	-392 Jul 03 j 00:44	4°♋59'48	1°39'07
minimum elong	-392 Jul 02 j 22:46	4°♋49'41	1°38'58
max. Earth dist.	-392 Jul 07 j 03:11	13°♋20'41	1.35331 AU
evening rise	-392 Jul 11 j 11:13	21°♋46'58	
	-392 Jul 15 j 22:17	0°♌	
desc. node	-392 Jul 30 j 15:10	23°♌48'01	
	-392 Aug 04 j 01:21	0°♍	
evening max el	-392 Aug 15 j 21:33	13°♍55'14	26°37'45
retrograde	-392 Aug 28 j 19:53	21°♍09'29	
evening set	-392 Sep 04 j 10:32	18°♍26'04	
min. Earth dist.	-392 Sep 08 j 11:26	14°♍15'26	0.65968 AU
inferior conj	-392 Sep 10 j 03:35	12°♍15'09	-2°09'21
minimum elong	-392 Sep 10 j 06:49	12°♍05'26	2°08'07
morning rise	-392 Sep 16 j 03:32	6°♍30'18	
asc. node	-392 Sep 16 j 16:16	6°♍14'19	
direct	-392 Sep 19 j 02:28	5°♍41'11	
morning max el	-392 Sep 25 j 18:39	9°♍22'11	18°33'00
	-392 Oct 10 j 06:15	0°♎	
morning set	-392 Oct 15 j 22:32	9°♎07'00	
desc. node	-392 Oct 26 j 14:26	26°♎06'36	
	-392 Oct 29 j 01:35	0°♏	
superior conj	-392 Oct 31 j 15:06	4°♏02'08	-0°32'30
minimum elong	-392 Oct 31 j 10:50	3°♏45'21	0°31'56
max. Earth dist.	-392 Nov 01 j 09:23	5°♏14'02	1.45023 AU
evening rise	-392 Nov 16 j 17:21	29°♏23'44	
	-392 Nov 17 j 02:30	0°♐	
greatest brilliancy	-392 Nov 25 j 17:01	13°♐37'08	-0.8m
	-392 Dec 07 j 00:21	0°♑	
evening max el	-392 Dec 09 j 02:15	2°♑20'12	19°05'27
asc. node	-392 Dec 13 j 15:34	5°♑46'24	
retrograde	-392 Dec 16 j 00:53	6°♑17'48	
evening set	-392 Dec 19 j 07:40	5°♑15'17	
inferior conj	-392 Dec 24 j 23:14	29°♐26'54	3°13'01
minimum elong	-392 Dec 24 j 20:31	29°♐35'31	3°12'24
	-392 Dec 24 j 12:43	30°℞♐	
min. Earth dist.	-392 Dec 26 j 10:41	27°♐35'15	0.65760 AU
morning rise	-392 Dec 30 j 09:06	23°♐16'54	
direct	-391 Jan 05 j 20:29	20°♐27'11	
morning max el	-391 Jan 18 j 16:23	27°♐59'30	26°29'34
	-391 Jan 20 j 14:32	0°♑	
desc. node	-391 Jan 22 j 13:38	2°♑11'50	
	-391 Feb 11 j 07:27	0°♒	
morning set	-391 Feb 23 j 17:57	21°♒47'06	
	-391 Feb 27 j 24:00	0°♓	
max. Earth dist.	-391 Feb 27 j 21:55	29°♒49'44	1.34890 AU
superior conj	-391 Mar 04 j 11:45	9°♓04'01	-1°09'09
minimum elong	-391 Mar 04 j 14:56	9°♓20'24	1°08'37
asc. node	-391 Mar 11 j 14:55	23°♓54'18	
evening rise	-391 Mar 12 j 03:12	24°♓57'48	
	-391 Mar 14 j 14:31	0°♈	
evening max el	-391 Mar 31 j 04:11	25°♈43'34	20°50'38
	-391 Apr 06 j 04:09	0°♉	
retrograde	-391 Apr 11 j 13:24	1°♉13'15	
evening set	-391 Apr 13 j 18:41	1°♉01'32	
	-391 Apr 17 j 06:42	30°℞♈	
desc. node	-391 Apr 20 j 12:51	28°♈27'13	
inferior conj	-391 Apr 23 j 00:49	27°♈03'43	-0°42'53
minimum elong	-391 Apr 22 j 22:47	27°♈06'36	0°42'09
min. Earth dist.	-391 Apr 23 j 23:18	26°♈31'42	0.55065 AU
morning rise	-391 May 02 j 02:20	22°♈55'39	
direct	-391 May 05 j 11:12	22°♈31'07	
morning max el	-391 May 18 j 13:23	28°♈49'32	22°50'28
	-391 May 19 j 18:14	0°♉	
asc. node	-391 Jun 07 j 14:10	29°♉20'22	
	-391 Jun 07 j 21:59	0°♊	
morning set	-391 Jun 10 j 01:29	4°♊25'43	
superior conj	-391 Jun 17 j 05:04	19°♊39'21	1°26'10
minimum elong	-391 Jun 17 j 02:35	19°♊26'13	1°25'51
max. Earth dist.	-391 Jun 19 j 23:26	25°♊29'18	1.34018 AU
	-391 Jun 22 j 03:54	0°♋	
evening rise	-391 Jun 24 j 23:01	5°♋36'47	
	-391 Jul 08 j 14:06	0°♌	
desc. node	-391 Jul 17 j 12:12	13°♌17'46	
evening max el	-391 Jul 29 j 09:19	27°♌19'08	27°15'22
	-391 Aug 01 j 10:06	0°♍	
retrograde	-391 Aug 11 j 19:10	4°♍38'24	
evening set	-391 Aug 18 j 20:08	1°♍52'59	
	-391 Aug 20 j 23:09	30°℞♌	
min. Earth dist.	-391 Aug 22 j 14:23	28°♌19'05	0.64711 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-391 Aug 24 j 19:35	25°♌53'05	-3°02'27
minimum elong	-391 Aug 24 j 23:55	25°♌41'11	3°01'04
morning rise	-391 Aug 31 j 04:26	20°♌23'08	
direct	-391 Sep 02 j 21:12	19°♌44'55	
asc. node	-391 Sep 03 j 13:20	19°♌47'18	
morning max el	-391 Sep 09 j 09:23	23°♌13'43	18°04'25
	-391 Sep 14 j 18:21	0°♍	
morning set	-391 Sep 27 j 05:14	20°♍15'21	
	-391 Oct 03 j 01:31	0°♎	
superior conj	-391 Oct 10 j 22:46	12°♎50'00	0°16'37
minimum elong	-391 Oct 11 j 00:45	12°♎57'57	0°16'20
desc. node	-391 Oct 13 j 11:30	16°♎52'30	
max. Earth dist.	-391 Oct 15 j 04:13	19°♎34'01	1.44663 AU
	-391 Oct 21 j 19:43	0°♏	
evening rise	-391 Oct 27 j 09:46	8°♏40'07	
greatest brilliancy	-391 Nov 10 j 01:12	29°♏28'20	-0.6m
	-391 Nov 10 j 09:45	0°♐	
evening max el	-391 Nov 22 j 07:57	15°♐48'20	19°57'47
retrograde	-391 Nov 29 j 22:18	20°♐15'11	
asc. node	-391 Nov 30 j 12:35	20°♐13'09	
evening set	-391 Dec 03 j 12:59	18°♐58'57	
inferior conj	-391 Dec 09 j 00:24	12°♐56'58	2°37'21
minimum elong	-391 Dec 08 j 21:37	13°♐06'14	2°36'31
min. Earth dist.	-391 Dec 09 j 22:16	11°♐44'11	0.66737 AU
morning rise	-391 Dec 14 j 06:05	6°♐44'07	
direct	-391 Dec 20 j 03:52	4°♐07'10	
morning max el	-390 Jan 01 j 01:19	11°♐11'23	25°15'04
desc. node	-390 Jan 09 j 10:41	20°♐56'18	
	-390 Jan 16 j 02:35	0°♑	
	-390 Feb 03 j 23:30	0°♒	
morning set	-390 Feb 06 j 07:14	4°♒07'37	
max. Earth dist.	-390 Feb 10 j 00:17	10°♒56'17	1.36596 AU
superior conj	-390 Feb 16 j 02:01	22°♒38'25	-1°32'29
minimum elong	-390 Feb 16 j 05:48	22°♒57'10	1°32'01
	-390 Feb 19 j 18:12	0°♓	
evening rise	-390 Feb 24 j 07:17	9°♓12'33	
asc. node	-390 Feb 26 j 11:58	13°♓35'46	
	-390 Mar 07 j 17:50	0°♈	
evening max el	-390 Mar 13 j 16:19	7°♈18'54	19°40'18
retrograde	-390 Mar 23 j 08:31	11°♈57'19	
evening set	-390 Mar 25 j 11:58	11°♈44'39	
inferior conj	-390 Apr 03 j 03:02	7°♈41'09	1°11'38
minimum elong	-390 Apr 03 j 05:57	7°♈36'32	1°10'39
min. Earth dist.	-390 Apr 05 j 13:37	6°♈09'09	0.55863 AU
desc. node	-390 Apr 07 j 09:53	5°♈03'55	
morning rise	-390 Apr 11 j 21:28	3°♈03'21	
direct	-390 Apr 16 j 05:01	2°♈21'46	
morning max el	-390 Apr 30 j 04:58	9°♈23'10	24°31'16
	-390 May 15 j 11:53	0°♉	
asc. node	-390 May 25 j 11:15	19°♉13'10	
morning set	-390 May 25 j 13:28	19°♉24'45	
	-390 May 30 j 11:43	0°♊	
superior conj	-390 Jun 01 j 13:50	4°♊32'11	1°08'44
minimum elong	-390 Jun 01 j 11:24	4°♊19'02	1°08'21
max. Earth dist.	-390 Jun 03 j 04:16	7°♊59'54	1.33089 AU
evening rise	-390 Jun 08 j 20:50	19°♊56'39	
	-390 Jun 13 j 23:56	0°♋	
	-390 Jul 02 j 17:56	0°♌	
desc. node	-390 Jul 04 j 09:13	2°♌05'42	
evening max el	-390 Jul 11 j 19:08	10°♌19'04	27°24'48
retrograde	-390 Jul 25 j 12:33	17°♌38'37	
evening set	-390 Aug 01 j 17:35	15°♌03'07	
min. Earth dist.	-390 Aug 05 j 07:36	12°♌00'51	0.63090 AU
inferior conj	-390 Aug 08 j 02:00	9°♌17'14	-3°49'45
minimum elong	-390 Aug 08 j 06:41	9°♌05'42	3°48'38
morning rise	-390 Aug 14 j 20:56	4°♌05'29	
direct	-390 Aug 17 j 09:54	3°♌35'07	
asc. node	-390 Aug 21 j 10:26	4°♌52'28	
morning max el	-390 Aug 24 j 01:04	7°♌00'16	17°53'30
	-390 Sep 08 j 01:24	0°♍	
morning set	-390 Sep 09 j 11:58	2°♍32'18	
superior conj	-390 Sep 21 j 06:12	22°♍49'19	0°57'57
minimum elong	-390 Sep 21 j 11:10	23°♍10'05	0°57'19
	-390 Sep 25 j 14:32	0°♎	
max. Earth dist.	-390 Sep 27 j 19:57	3°♎36'30	1.43618 AU
desc. node	-390 Sep 30 j 08:32	7°♎39'06	
evening rise	-390 Oct 06 j 16:19	17°♎34'32	
	-390 Oct 14 j 19:51	0°♏	
evening max el	-390 Nov 05 j 07:59	29°♏16'07	21°03'38
	-390 Nov 06 j 01:32	0°♐	
retrograde	-390 Nov 13 j 19:49	4°♐18'36	
asc. node	-390 Nov 17 j 09:39	3°♐06'16	
evening set	-390 Nov 17 j 20:22	2°♐46'50	
	-390 Nov 20 j 14:56	30°℞♏	
inferior conj	-390 Nov 23 j 05:25	26°♏34'36	1°54'20
minimum elong	-390 Nov 23 j 03:05	26°♏42'35	1°53'28
min. Earth dist.	-390 Nov 23 j 15:19	26°♏00'35	0.67348 AU
morning rise	-390 Nov 28 j 09:38	20°♏20'55	
direct	-390 Dec 03 j 16:19	18°♏03'20	
morning max el	-390 Dec 14 j 09:59	24°♏27'29	23°49'14
	-390 Dec 19 j 09:16	0°♐	
desc. node	-390 Dec 27 j 07:45	10°♐20'31	
	-389 Jan 09 j 13:57	0°♑	
morning set	-389 Jan 18 j 21:40	15°♑17'05	
max. Earth dist.	-389 Jan 22 j 19:44	22°♑06'08	1.38620 AU
	-389 Jan 27 j 04:38	0°♒	
superior conj	-389 Jan 30 j 03:29	5°♒30'37	-1°50'48
minimum elong	-389 Jan 30 j 06:48	5°♒46'18	1°50'34
evening rise	-389 Feb 08 j 04:10	22°♒59'52	
	-389 Feb 11 j 19:14	0°♓	
asc. node	-389 Feb 13 j 09:00	2°♓56'39	
evening max el	-389 Feb 24 j 14:49	19°♓31'08	18°49'28
retrograde	-389 Mar 04 j 19:33	23°♓29'12	
evening set	-389 Mar 07 j 03:20	23°♓11'19	
inferior conj	-389 Mar 14 j 23:32	18°♓51'49	2°38'24
minimum elong	-389 Mar 15 j 03:57	18°♓43'45	2°37'18
min. Earth dist.	-389 Mar 18 j 06:15	16°♓29'03	0.57426 AU
morning rise	-389 Mar 23 j 01:35	13°♓41'24	
desc. node	-389 Mar 25 j 06:55	12°♓54'39	
direct	-389 Mar 28 j 12:39	12°♓28'52	
morning max el	-389 Apr 11 j 20:30	19°♓58'01	26°02'51
	-389 Apr 20 j 09:56	0°♈	
	-389 May 07 j 22:23	0°♉	
morning set	-389 May 10 j 00:58	4°♉22'10	
asc. node	-389 May 12 j 08:20	9°♉16'56	
superior conj	-389 May 17 j 01:00	19°♉31'14	0°47'49
minimum elong	-389 May 16 j 23:04	19°♉20'41	0°47'28
max. Earth dist.	-389 May 17 j 14:51	20°♉47'06	1.32535 AU
	-389 May 21 j 20:58	0°♊	
evening rise	-389 May 24 j 01:32	4°♊36'42	
	-389 Jun 06 j 16:52	0°♋	
desc. node	-389 Jun 21 j 06:14	19°♋54'28	
evening max el	-389 Jun 24 j 00:41	22°♋43'29	27°01'58
	-389 Jul 07 j 08:47	0°♌	
retrograde	-389 Jul 07 j 23:10	0°♌00'57	
	-389 Jul 08 j 13:30	30°℞♋	
evening set	-389 Jul 14 j 22:44	27°♋49'38	
min. Earth dist.	-389 Jul 18 j 14:45	25°♋07'25	0.61169 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-389 Jul	21 j 19:38	22°♋20'21	-4°25'56
minimum elong	-389 Jul	21 j 23:14	22°♋12'27	4°25'26
morning rise	-389 Jul	29 j 01:27	17°♋29'25	
direct	-389 Jul	31 j 12:56	17°♋04'28	
morning max el	-389 Aug	07 j 14:44	20°♋34'53	18°01'15
asc. node	-389 Aug	08 j 07:31	21°♋17'20	
	-389 Aug	14 j 16:28	0°♌	
morning set	-389 Aug	23 j 12:50	15°♌41'50	
	-389 Aug	31 j 08:43	0°♍	
superior conj	-389 Sep	02 j 17:01	4°♍09'57	1°26'25
minimum elong	-389 Sep	02 j 21:24	4°♍29'14	1°26'01
max. Earth dist.	-389 Sep	10 j 06:23	17°♍05'47	1.42032 AU
evening rise	-389 Sep	16 j 07:21	26°♍55'25	
desc. node	-389 Sep	17 j 05:34	28°♍23'37	
	-389 Sep	18 j 06:00	0°♎	
	-389 Oct	08 j 14:55	0°♏	
evening max el	-389 Oct	19 j 02:20	12°♏44'56	22°19'12
retrograde	-389 Oct	28 j 15:35	18°♏25'46	
evening set	-389 Nov	02 j 04:04	16°♏36'45	
asc. node	-389 Nov	04 j 06:42	14°♏31'10	
inferior conj	-389 Nov	07 j 12:17	10°♏18'00	1°05'49
minimum elong	-389 Nov	07 j 10:48	10°♏23'05	1°05'12
min. Earth dist.	-389 Nov	07 j 11:23	10°♏21'06	0.67626 AU
morning rise	-389 Nov	12 j 17:24	4°♏05'47	
direct	-389 Nov	17 j 09:04	2°♏10'22	
morning max el	-389 Nov	26 j 21:06	7°♏48'00	22°21'52
desc. node	-389 Dec	14 j 04:48	0°♐13'21	
	-389 Dec	14 j 01:07	0°♐	
morning set	-389 Dec	30 j 07:41	25°♐02'22	
	-388 Jan	02 j 08:11	0°♑	
max. Earth dist.	-388 Jan	04 j 16:08	3°♑54'10	1.40737 AU
superior conj	-388 Jan	12 j 11:26	17°♑28'59	-2°00'40
minimum elong	-388 Jan	12 j 12:30	17°♑33'50	2°00'39
	-388 Jan	19 j 07:17	0°♒	
evening rise	-388 Jan	22 j 14:44	6°♒12'23	
asc. node	-388 Jan	31 j 06:02	21°♒50'16	
	-388 Feb	05 j 20:15	0°♓	
evening max el	-388 Feb	07 j 21:03	2°♓13'26	18°18'43
retrograde	-388 Feb	15 j 01:16	5°♓47'15	
evening set	-388 Feb	17 j 14:08	5°♓21'37	
inferior conj	-388 Feb	24 j 17:02	0°♓41'30	3°29'38
minimum elong	-388 Feb	24 j 20:00	0°♓35'10	3°29'12
	-388 Feb	25 j 12:24	30°℞♒	
min. Earth dist.	-388 Feb	28 j 02:59	27°♒48'17	0.59428 AU
morning rise	-388 Mar	02 j 23:36	25°♒06'26	
direct	-388 Mar	09 j 09:21	23°♒15'43	
desc. node	-388 Mar	11 j 03:58	23°♒24'00	
	-388 Mar	22 j 15:49	0°♓	
morning max el	-388 Mar	23 j 16:33	0°♓58'59	27°10'23
	-388 Apr	13 j 11:34	0°♈	
morning set	-388 Apr	23 j 10:16	19°♈11'28	
asc. node	-388 Apr	28 j 05:21	29°♈26'33	
	-388 Apr	28 j 11:29	0°♉	
max. Earth dist.	-388 Apr	30 j 03:38	3°♉39'43	1.32351 AU
superior conj	-388 Apr	30 j 12:45	4°♉29'48	0°24'13
minimum elong	-388 Apr	30 j 11:41	4°♉23'58	0°24'00
evening rise	-388 May	07 j 10:34	19°♉28'02	
	-388 May	12 j 15:19	0°♊	
	-388 May	31 j 20:19	0°♋	
evening max el	-388 Jun	04 j 23:57	4°♋23'42	26°06'46
desc. node	-388 Jun	07 j 03:15	6°♋18'41	
retrograde	-388 Jun	19 j 01:08	11°♋37'03	
evening set	-388 Jun	25 j 06:55	10°♋01'49	
min. Earth dist.	-388 Jun	29 j 12:47	7°♋22'59	0.59113 AU

inferior conj	-388 Jul	02 j 20:45	4°♋52'03	-4°42'40
minimum elong	-388 Jul	02 j 21:18	4°♋50'59	4°42'40
morning rise	-388 Jul	10 j 13:57	0°♋23'20	
direct	-388 Jul	13 j 02:02	0°♋01'57	
morning max el	-388 Jul	20 j 23:15	3°♋48'04	18°28'52
asc. node	-388 Jul	25 j 04:34	8°♋45'34	
morning set	-388 Aug	06 j 02:42	29°♋29'35	
	-388 Aug	06 j 09:01	0°♌	
superior conj	-388 Aug	15 j 03:00	16°♌39'23	1°42'13
minimum elong	-388 Aug	15 j 05:18	16°♌50'03	1°42'06
max. Earth dist.	-388 Aug	22 j 11:43	29°♌53'11	1.40113 AU
	-388 Aug	22 j 13:18	0°♍	
evening rise	-388 Aug	26 j 20:15	7°♍17'55	
desc. node	-388 Sep	03 j 02:36	19°♍01'56	
	-388 Sep	10 j 08:02	0°♎	
evening max el	-388 Sep	30 j 16:21	26°♎16'16	23°39'18
	-388 Oct	04 j 22:54	0°♏	
retrograde	-388 Oct	11 j 08:10	2°♏33'26	
evening set	-388 Oct	16 j 10:22	0°♏26'16	
	-388 Oct	16 j 22:12	30°℞♎	
asc. node	-388 Oct	21 j 03:45	24°♎57'24	
inferior conj	-388 Oct	21 j 19:11	24°♎04'46	0°13'19
minimum elong	-388 Oct	21 j 18:52	24°♎05'52	0°13'10
transit middle	-388 Oct	21 j 18:52	24°♎05'52	0°13'10
transit begin	-388 Oct	21 j 17:16	24°♎11'19	
transit end	-388 Oct	21 j 20:28	24°♎00'24	
min. Earth dist.	-388 Oct	21 j 07:56	24°♎43'10	0.67586 AU
morning rise	-388 Oct	27 j 03:17	17°♎56'40	
direct	-388 Oct	31 j 05:03	16°♎23'19	
morning max el	-388 Nov	08 j 14:09	21°♎16'43	21°00'57
	-388 Nov	15 j 20:57	0°♏	
desc. node	-388 Nov	30 j 01:50	20°♏26'30	
	-388 Dec	06 j 07:57	0°♐	
morning set	-388 Dec	08 j 14:39	3°♐32'50	
max. Earth dist.	-388 Dec	16 j 19:46	16°♐39'22	1.42647 AU
superior conj	-388 Dec	23 j 20:22	28°♐20'29	-1°57'44
minimum elong	-388 Dec	23 j 17:12	28°♐07'01	1°57'37
	-388 Dec	24 j 19:44	0°♑	
evening rise	-387 Jan	04 j 11:11	18°♑42'08	
	-387 Jan	10 j 19:48	0°♒	
asc. node	-387 Jan	17 j 03:02	10°♒08'05	
evening max el	-387 Jan	21 j 07:55	15°♒16'48	18°07'45
retrograde	-387 Jan	27 j 23:00	18°♒42'01	
evening set	-387 Jan	30 j 16:20	18°♒07'22	
inferior conj	-387 Feb	06 j 05:18	13°♒05'51	3°50'13
minimum elong	-387 Feb	06 j 05:57	13°♒04'15	3°50'11
min. Earth dist.	-387 Feb	09 j 06:39	10°♒07'09	0.61514 AU
morning rise	-387 Feb	12 j 18:14	7°♒14'43	
direct	-387 Feb	19 j 16:11	4°♒50'21	
desc. node	-387 Feb	26 j 00:59	6°♒38'18	
morning max el	-387 Mar	05 j 18:54	12°♒40'06	27°44'01
	-387 Mar	19 j 13:51	0°♓	
	-387 Apr	05 j 18:43	0°♈	
morning set	-387 Apr	07 j 15:28	3°♈46'21	
max. Earth dist.	-387 Apr	13 j 14:57	16°♈25'18	1.32535 AU
superior conj	-387 Apr	14 j 23:27	19°♈22'08	-0°01'18
minimum elong	-387 Apr	14 j 23:31	19°♈22'28	0°01'17
behind sun begin	-387 Apr	14 j 18:27	18°♈54'47	
behind sun end	-387 Apr	15 j 04:36	19°♈50'10	
asc. node	-387 Apr	15 j 02:24	19°♈38'08	
	-387 Apr	19 j 20:36	0°♉	
evening rise	-387 Apr	21 j 21:55	4°♉23'33	
	-387 May	05 j 15:26	0°♊	
evening max el	-387 May	17 j 16:54	15°♊22'17	24°45'34

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-387 May 25 j 00:15	20°♊45'25	
retrograde	-387 May 31 j 16:02	22°♊26'40	
evening set	-387 Jun 05 j 16:06	21°♊29'55	
min. Earth dist.	-387 Jun 11 j 04:24	18°♊37'38	0.57187 AU
inferior conj	-387 Jun 14 j 02:18	16°♊43'14	-4°28'12
minimum elong	-387 Jun 13 j 22:17	16°♊49'52	4°27'43
morning rise	-387 Jun 22 j 07:15	12°♊35'19	
direct	-387 Jun 24 j 21:15	12°♊16'24	
morning max el	-387 Jul 03 j 23:40	16°♊30'42	19°17'19
asc. node	-387 Jul 12 j 01:37	27°♊03'11	
	-387 Jul 13 j 19:28	0°♋	
morning set	-387 Jul 21 j 01:43	13°♋45'21	
superior conj	-387 Jul 29 j 06:29	0°♌01'58	1°47'22
minimum elong	-387 Jul 29 j 06:40	0°♌02'53	1°47'22
	-387 Jul 29 j 06:05	0°♌	
max. Earth dist.	-387 Aug 04 j 14:55	12°♌02'30	1.38107 AU
evening rise	-387 Aug 08 j 10:04	18°♌51'15	
	-387 Aug 14 j 23:49	0°♍	
desc. node	-387 Aug 20 j 23:37	9°♍29'38	
	-387 Sep 04 j 13:03	0°♎	
evening max el	-387 Sep 13 j 04:08	9°♎50'59	24°57'18
retrograde	-387 Sep 24 j 20:42	16°♎38'13	
evening set	-387 Sep 30 j 13:36	14°♎13'37	
min. Earth dist.	-387 Oct 05 j 02:33	9°♎05'12	0.67225 AU
inferior conj	-387 Oct 06 j 00:24	7°♎53'10	-0°41'40
minimum elong	-387 Oct 06 j 01:27	7°♎49'45	0°41'14
asc. node	-387 Oct 08 j 00:47	5°♎18'25	
morning rise	-387 Oct 11 j 13:22	1°♎51'55	
direct	-387 Oct 15 j 02:58	0°♎38'31	
morning max el	-387 Oct 22 j 14:54	4°♎56'05	19°51'45
	-387 Nov 09 j 20:16	0°♏	
desc. node	-387 Nov 16 j 22:52	10°♏54'03	
morning set	-387 Nov 17 j 11:16	11°♏41'57	
	-387 Nov 29 j 03:35	0°♐	
max. Earth dist.	-387 Nov 29 j 07:15	0°♐14'35	1.44091 AU
superior conj	-387 Dec 04 j 02:23	7°♐56'55	-1°37'44
minimum elong	-387 Dec 03 j 18:53	7°♐26'31	1°37'06
	-387 Dec 17 j 08:20	0°♑	
evening rise	-387 Dec 17 j 13:12	0°♑20'43	
asc. node	-386 Jan 04 j 00:04	27°♑38'44	
evening max el	-386 Jan 04 j 20:23	28°♑32'38	18°15'56
	-386 Jan 06 j 10:49	0°♒	
retrograde	-386 Jan 11 j 08:13	2°♒02'21	
evening set	-386 Jan 14 j 05:55	1°♒17'55	
	-386 Jan 16 j 05:38	30°℞♑	
inferior conj	-386 Jan 20 j 08:23	25°♑56'19	3°47'57
minimum elong	-386 Jan 20 j 07:07	25°♑59'49	3°47'51
min. Earth dist.	-386 Jan 22 j 19:36	23°♑13'33	0.63425 AU
morning rise	-386 Jan 26 j 07:36	19°♑54'58	
direct	-386 Feb 02 j 07:18	17°♑09'18	
desc. node	-386 Feb 12 j 22:01	22°♑05'07	
morning max el	-386 Feb 16 j 02:17	25°♑00'07	27°40'42
	-386 Feb 20 j 16:20	0°♒	
	-386 Mar 12 j 23:49	0°♓	
morning set	-386 Mar 22 j 14:11	17°♓57'45	
max. Earth dist.	-386 Mar 27 j 20:37	28°♓48'25	1.33104 AU
	-386 Mar 28 j 10:08	0°♈	
superior conj	-386 Mar 30 j 07:19	4°♈01'10	-0°27'52
minimum elong	-386 Mar 30 j 08:39	4°♈08'18	0°27'35
asc. node	-386 Apr 01 j 23:24	9°♈46'29	
evening rise	-386 Apr 06 j 09:37	19°♈15'19	
	-386 Apr 11 j 16:42	0°♉	
evening max el	-386 Apr 29 j 07:30	25°♉57'28	23°11'19
	-386 May 04 j 09:03	0°♊	
desc. node	-386 May 11 j 21:15	2°♊37'59	
retrograde	-386 May 12 j 18:39	2°♊39'47	
evening set	-386 May 16 j 08:12	2°♊11'54	
	-386 May 21 j 17:06	30°℞♉	
min. Earth dist.	-386 May 23 j 17:15	28°♉52'49	0.55717 AU
inferior conj	-386 May 25 j 12:07	27°♉50'06	-3°30'56
minimum elong	-386 May 25 j 05:01	28°♉00'30	3°29'11
morning rise	-386 Jun 03 j 04:30	23°♉55'18	
direct	-386 Jun 05 j 21:20	23°♉37'43	
morning max el	-386 Jun 16 j 13:45	28°♉34'24	20°26'37
	-386 Jun 18 j 00:27	0°♊	
asc. node	-386 Jun 28 j 22:40	15°♊58'15	
morning set	-386 Jul 05 j 07:00	28°♊21'07	
	-386 Jul 06 j 02:19	0°♋	
superior conj	-386 Jul 12 j 22:29	14°♋03'15	1°44'05
minimum elong	-386 Jul 12 j 21:07	13°♋56'20	1°44'01
max. Earth dist.	-386 Jul 17 j 21:05	23°♋51'41	1.36253 AU
	-386 Jul 21 j 02:37	0°♌	
evening rise	-386 Jul 21 j 21:33	1°♌27'54	
desc. node	-386 Aug 07 j 20:38	29°♌41'13	
	-386 Aug 08 j 01:41	0°♍	
evening max el	-386 Aug 26 j 15:31	23°♍27'05	26°05'45
	-386 Sep 04 j 23:31	0°♎	
retrograde	-386 Sep 08 j 04:38	0°♎35'04	
	-386 Sep 11 j 05:01	30°℞♍	
evening set	-386 Sep 14 j 11:55	27°♍56'29	
min. Earth dist.	-386 Sep 18 j 16:56	23°♍24'39	0.66524 AU
inferior conj	-386 Sep 20 j 02:11	21°♍40'53	-1°37'33
minimum elong	-386 Sep 20 j 04:39	21°♍33'12	1°36'33
asc. node	-386 Sep 24 j 21:51	16°♍30'21	
morning rise	-386 Sep 25 j 21:42	15°♍49'22	
direct	-386 Sep 29 j 01:15	14°♍52'35	
morning max el	-386 Oct 05 j 22:49	18°♍44'21	18°57'11
	-386 Oct 14 j 14:33	0°♎	
morning set	-386 Oct 27 j 22:12	20°♎40'22	
	-386 Nov 02 j 20:32	0°♏	
desc. node	-386 Nov 03 j 19:55	1°♏31'50	
max. Earth dist.	-386 Nov 11 j 23:49	14°♏21'17	1.44886 AU
superior conj	-386 Nov 13 j 09:30	16°♏33'56	-0°59'56
minimum elong	-386 Nov 13 j 02:16	16°♏05'27	0°59'03
	-386 Nov 21 j 20:36	0°♐	
evening rise	-386 Nov 28 j 16:52	11°♐02'11	
	-386 Dec 10 j 11:37	0°♑	
evening max el	-386 Dec 19 j 07:56	11°♑56'07	18°42'24
asc. node	-386 Dec 21 j 21:06	14°♑09'36	
retrograde	-386 Dec 26 j 00:42	15°♑41'12	
evening set	-386 Dec 29 j 03:40	14°♑45'50	
inferior conj	-385 Jan 03 j 22:31	9°♑06'29	3°29'19
minimum elong	-385 Jan 03 j 20:07	9°♑13'47	3°28'54
min. Earth dist.	-385 Jan 05 j 18:28	6°♑53'42	0.65015 AU
morning rise	-385 Jan 09 j 12:10	2°♑58'40	
direct	-385 Jan 16 j 05:36	0°♑06'21	
morning max el	-385 Jan 29 j 11:57	7°♑49'40	27°03'28
desc. node	-385 Jan 30 j 19:05	9°♑09'44	
	-385 Feb 15 j 17:53	0°♒	
	-385 Mar 05 j 07:19	0°♓	
morning set	-385 Mar 06 j 03:21	1°♓36'13	
max. Earth dist.	-385 Mar 10 j 16:45	10°♓38'10	1.34104 AU
superior conj	-385 Mar 14 j 10:22	18°♓20'50	-0°54'26
minimum elong	-385 Mar 14 j 12:57	18°♓34'20	0°53'57
asc. node	-385 Mar 19 j 20:26	29°♓47'52	
	-385 Mar 19 j 22:44	0°♈	
evening rise	-385 Mar 21 j 19:57	3°♈57'19	
	-385 Apr 05 j 10:01	0°♉	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-385 Apr 11 j 03:02	6°♉40'11	21°38'42	
retrograde	-385 Apr 23 j 10:47	12°♉40'29		
evening set	-385 Apr 25 j 22:43	12°♉26'24		
desc. node	-385 Apr 28 j 18:17	11°♉39'28		
inferior conj	-385 May 05 j 08:29	8°♉24'04	-1°51'17	
minimum elong	-385 May 05 j 03:23	8°♉31'13	1°49'34	
min. Earth dist.	-385 May 05 j 06:14	8°♉27'14	0.55025 AU	
morning rise	-385 May 14 j 08:55	4°♉26'03		
direct	-385 May 17 j 08:58	4°♉06'14		
morning max el	-385 May 29 j 16:54	9°♉55'36	21°54'14	
	-385 Jun 13 j 00:01	0°♊		
asc. node	-385 Jun 15 j 19:43	5°♊21'30		
morning set	-385 Jun 19 j 16:19	13°♊10'26		
superior conj	-385 Jun 26 j 23:11	28°♊31'39	1°34'14	
minimum elong	-385 Jun 26 j 20:56	28°♊19'52	1°34'01	
	-385 Jun 27 j 16:05	0°♋		
max. Earth dist.	-385 Jun 30 j 11:23	5°♋47'04	1.34721 AU	
evening rise	-385 Jul 05 j 01:49	14°♋54'57		
	-385 Jul 13 j 08:09	0°♌		
desc. node	-385 Jul 25 j 17:39	19°♌29'00		
	-385 Aug 02 j 17:34	0°♍		
evening max el	-385 Aug 09 j 03:19	6°♍58'11	26°56'50	
retrograde	-385 Aug 22 j 07:28	14°♍16'21		
evening set	-385 Aug 29 j 02:59	11°♍30'39		
min. Earth dist.	-385 Sep 02 j 00:46	7°♍35'59	0.65472 AU	
inferior conj	-385 Sep 03 j 22:27	5°♍23'44	-2°32'24	
minimum elong	-385 Sep 04 j 02:13	5°♍12'50	2°31'02	
	-385 Sep 09 j 15:06	30°℞♌		
morning rise	-385 Sep 10 j 02:03	29°♌44'55		
asc. node	-385 Sep 11 j 18:56	29°♌08'01		
direct	-385 Sep 12 j 21:57	29°♌01'02		
	-385 Sep 16 j 06:00	0°♍		
morning max el	-385 Sep 19 j 11:48	2°♍36'08	18°18'43	
	-385 Oct 07 j 21:44	0°♎		
morning set	-385 Oct 08 j 12:41	1°♎01'05		
desc. node	-385 Oct 21 j 16:58	22°♎15'29		
superior conj	-385 Oct 23 j 10:29	24°♎59'50	-0°11'20	
minimum elong	-385 Oct 23 j 09:00	24°♎53'59	0°11'09	
behind sun begin	-385 Oct 23 j 00:48	24°♎21'34		
behind sun end	-385 Oct 23 j 17:12	25°♎26'23		
max. Earth dist.	-385 Oct 25 j 18:16	28°♎39'49	1.44954 AU	
	-385 Oct 26 j 14:39	0°♏		
evening rise	-385 Nov 08 j 20:43	20°♏44'56		
	-385 Nov 14 j 18:50	0°♐		
greatest brilliancy	-385 Nov 20 j 03:28	8°♐17'31	-0.7m	
evening max el	-385 Dec 02 j 16:19	25°♐23'08	19°25'55	
asc. node	-385 Dec 08 j 18:10	29°♐25'26		
retrograde	-385 Dec 09 j 21:02	29°♐32'27		
evening set	-385 Dec 13 j 06:51	28°♐24'33		
inferior conj	-385 Dec 18 j 20:27	22°♐30'08	2°58'56	
minimum elong	-385 Dec 18 j 17:37	22°♐39'18	2°58'11	
min. Earth dist.	-385 Dec 20 j 02:00	20°♐54'31	0.66223 AU	
morning rise	-385 Dec 24 j 04:08	16°♐18'28		
direct	-385 Dec 30 j 10:05	13°♐32'48		
morning max el	-384 Jan 11 j 21:18	20°♐55'32	25°59'46	
desc. node	-384 Jan 17 j 16:09	27°♐23'34		
	-384 Jan 19 j 18:24	0°♑		
	-384 Feb 08 j 22:00	0°♒		
morning set	-384 Feb 17 j 02:51	14°♒29'19		
max. Earth dist.	-384 Feb 21 j 00:53	21°♒53'46	1.35561 AU	
	-384 Feb 25 j 03:34	0°♓		
superior conj	-384 Feb 26 j 06:11	2°♓14'10	-1°19'30	
minimum elong	-384 Feb 26 j 09:42	2°♓32'03	1°18'59	
evening rise	-384 Mar 05 j 02:55	18°♓23'32		
asc. node	-384 Mar 05 j 17:30	19°♓37'54		
	-384 Mar 11 j 00:21	0°♈		
evening max el	-384 Mar 23 j 08:49	17°♈54'11	20°18'32	
retrograde	-384 Apr 03 j 00:37	23°♈01'01		
evening set	-384 Apr 05 j 03:42	22°♈49'40		
inferior conj	-384 Apr 14 j 04:28	18°♈51'41	0°07'43	
minimum elong	-384 Apr 14 j 04:50	18°♈51'10	0°07'37	
transit middle	-384 Apr 14 j 04:50	18°♈51'10	0°07'37	
transit begin	-384 Apr 14 j 01:17	18°♈56'23		
transit end	-384 Apr 14 j 08:22	18°♈45'57		
desc. node	-384 Apr 14 j 15:18	18°♈35'42		
min. Earth dist.	-384 Apr 15 j 20:06	17°♈53'21	0.55289 AU	
morning rise	-384 Apr 23 j 04:18	14°♈31'56		
direct	-384 Apr 26 j 21:47	14°♈01'37		
morning max el	-384 May 10 j 11:10	20°♈40'51	23°33'29	
	-384 May 18 j 09:32	0°♉		
asc. node	-384 Jun 01 j 16:48	25°♉05'31		
morning set	-384 Jun 03 j 03:51	28°♉07'52		
	-384 Jun 04 j 01:06	0°♊		
superior conj	-384 Jun 10 j 05:43	13°♊18'11	1°19'15	
minimum elong	-384 Jun 10 j 03:12	13°♊04'42	1°18'55	
max. Earth dist.	-384 Jun 12 j 11:30	18°♊05'11	1.33574 AU	
evening rise	-384 Jun 17 j 18:23	28°♊59'36		
	-384 Jun 18 j 06:31	0°♋		
	-384 Jul 05 j 10:59	0°♌		
desc. node	-384 Jul 11 j 14:40	8°♌43'03		
evening max el	-384 Jul 21 j 14:42	20°♌14'26	27°23'13	
retrograde	-384 Aug 04 j 04:29	27°♌34'23		
evening set	-384 Aug 11 j 07:55	24°♌51'49		
min. Earth dist.	-384 Aug 14 j 23:59	21°♌32'00	0.64062 AU	
inferior conj	-384 Aug 17 j 10:48	18°♌57'18	-3°23'30	
minimum elong	-384 Aug 17 j 15:24	18°♌45'11	3°22'10	
morning rise	-384 Aug 23 j 23:48	13°♌34'25		
direct	-384 Aug 26 j 14:35	12°♌59'55		
asc. node	-384 Aug 28 j 16:00	13°♌21'32		
morning max el	-384 Sep 02 j 03:15	16°♌26'26	17°57'27	
	-384 Sep 11 j 19:06	0°♍		
morning set	-384 Sep 19 j 06:23	12°♍41'02		
	-384 Sep 29 j 12:53	0°♎		
superior conj	-384 Oct 02 j 03:00	4°♎14'32	0°35'33	
minimum elong	-384 Oct 02 j 06:47	4°♎29'56	0°35'03	
max. Earth dist.	-384 Oct 07 j 11:52	12°♎53'26	1.44302 AU	
desc. node	-384 Oct 07 j 14:01	13°♎01'59		
evening rise	-384 Oct 18 j 06:55	29°♎46'41		
	-384 Oct 18 j 10:22	0°♏		
	-384 Nov 07 j 14:52	0°♐		
evening max el	-384 Nov 14 j 19:47	8°♐51'23	20°24'25	
retrograde	-384 Nov 22 j 18:37	13°♐32'25		
asc. node	-384 Nov 24 j 15:14	13°♐12'43		
evening set	-384 Nov 26 j 13:16	12°♐09'53		
inferior conj	-384 Dec 01 j 23:30	6°♐03'23	2°19'52	
minimum elong	-384 Dec 01 j 20:51	6°♐12'19	2°18'58	
min. Earth dist.	-384 Dec 02 j 16:10	5°♐07'03	0.67048 AU	
	-384 Dec 06 j 23:53	30°℞♏		
morning rise	-384 Dec 07 j 04:15	29°♏50'02		
direct	-384 Dec 12 j 19:51	27°♏20'28		
	-384 Dec 19 j 12:14	0°♐		
morning max el	-384 Dec 24 j 05:39	4°♐08'27	24°39'11	
desc. node	-383 Jan 03 j 13:13	16°♐26'25		
	-383 Jan 13 j 02:26	0°♑		
morning set	-383 Jan 29 j 07:09	26°♑21'12		
	-383 Jan 31 j 08:20	0°♒		
max. Earth dist.	-383 Feb 01 j 23:08	2°♒55'47	1.37430 AU	
superior conj	-383 Feb 08 j 15:31	15°♒32'01	-1°41'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-383 Feb 08 j 19:17	15°♒50'16	1°40'41
	-383 Feb 15 j 22:45	0°♓	
evening rise	-383 Feb 17 j 04:16	2°♓27'14	
asc. node	-383 Feb 20 j 14:33	9°♓11'10	
evening max el	-383 Mar 06 j 01:41	29°♓45'54	19°16'15
	-383 Mar 06 j 07:38	0°♈	
retrograde	-383 Mar 15 j 01:18	4°♈04'51	
evening set	-383 Mar 17 j 06:30	3°♈50'15	
	-383 Mar 25 j 02:08	30°℞♓	
inferior conj	-383 Mar 25 j 13:35	29°♓40'55	1°52'47
minimum elong	-383 Mar 25 j 17:37	29°♓34'10	1°51'33
min. Earth dist.	-383 Mar 28 j 11:02	27°♓45'33	0.56453 AU
desc. node	-383 Apr 01 j 12:21	25°♓28'00	
morning rise	-383 Apr 03 j 01:54	24°♓49'09	
direct	-383 Apr 07 j 21:28	23°♓55'46	
	-383 Apr 20 j 19:18	0°♈	
morning max el	-383 Apr 22 j 01:43	1°♈10'22	25°12'21
	-383 May 12 j 02:33	0°♉	
morning set	-383 May 18 j 15:49	13°♉06'39	
asc. node	-383 May 19 j 13:51	15°♉03'15	
superior conj	-383 May 25 j 15:43	28°♉14'07	1°00'15
minimum elong	-383 May 25 j 13:27	28°♉01'46	0°59'51
	-383 May 26 j 11:09	0°♊	
max. Earth dist.	-383 May 26 j 19:19	0°♊44'27	1.32811 AU
evening rise	-383 Jun 01 j 19:29	13°♊29'11	
	-383 Jun 10 j 09:11	0°♋	
desc. node	-383 Jun 28 j 11:40	27°♋08'15	
	-383 Jul 01 j 00:05	0°♌	
evening max el	-383 Jul 03 j 23:14	3°♌01'19	27°19'13
retrograde	-383 Jul 17 j 18:51	10°♌19'13	
evening set	-383 Jul 24 j 22:56	7°♌52'37	
min. Earth dist.	-383 Jul 28 j 12:55	5°♌00'30	0.62307 AU
inferior conj	-383 Jul 31 j 12:12	2°♌13'41	-4°06'51
minimum elong	-383 Jul 31 j 16:38	2°♌03'15	4°05'59
	-383 Aug 02 j 23:33	30°℞♋	
morning rise	-383 Aug 07 j 11:39	27°♋10'11	
direct	-383 Aug 09 j 23:49	26°♋42'15	
asc. node	-383 Aug 15 j 13:04	29°♋02'12	
	-383 Aug 16 j 14:55	0°♌	
morning max el	-383 Aug 16 j 18:22	0°♌08'23	17°54'24
morning set	-383 Sep 01 j 21:34	25°♌22'39	
	-383 Sep 04 j 11:22	0°♍	
superior conj	-383 Sep 12 j 22:15	14°♍48'51	1°11'39
minimum elong	-383 Sep 13 j 03:18	15°♍10'21	1°11'06
max. Earth dist.	-383 Sep 20 j 02:01	26°♍45'24	1.43008 AU
	-383 Sep 22 j 02:02	0°♎	
desc. node	-383 Sep 24 j 11:02	3°♎48'06	
evening rise	-383 Sep 27 j 14:57	8°♎47'12	
	-383 Oct 11 j 16:06	0°♏	
evening max el	-383 Oct 28 j 17:26	22°♏20'00	21°34'52
retrograde	-383 Nov 06 j 15:29	27°♏38'07	
evening set	-383 Nov 10 j 20:59	25°♏59'01	
asc. node	-383 Nov 11 j 12:16	25°♏26'39	
inferior conj	-383 Nov 16 j 05:31	19°♏43'40	1°34'19
minimum elong	-383 Nov 16 j 03:30	19°♏50'36	1°33'31
min. Earth dist.	-383 Nov 16 j 10:41	19°♏25'50	0.67512 AU
morning rise	-383 Nov 21 j 09:53	13°♏30'36	
direct	-383 Nov 26 j 10:09	11°♏22'23	
morning max el	-383 Dec 06 j 14:56	17°♏26'14	23°11'45
	-383 Dec 17 j 00:56	0°♐	
desc. node	-383 Dec 21 j 10:16	6°♐04'08	
	-382 Jan 06 j 04:44	0°♑	
morning set	-382 Jan 10 j 10:00	6°♑55'49	
max. Earth dist.	-382 Jan 14 j 18:38	14°♑21'04	1.39531 AU
superior conj	-382 Jan 22 j 10:13	28°♑03'22	-1°56'16
minimum elong	-382 Jan 22 j 12:51	28°♑15'30	1°56'08
	-382 Jan 23 j 11:22	0°♒	
evening rise	-382 Jan 31 j 21:13	16°♒01'15	
asc. node	-382 Feb 07 j 11:35	28°♒21'44	
	-382 Feb 08 j 10:02	0°♓	
evening max el	-382 Feb 17 j 03:49	12°♓11'58	18°33'52
retrograde	-382 Feb 24 j 20:38	15°♓57'53	
evening set	-382 Feb 27 j 06:41	15°♓36'52	
inferior conj	-382 Mar 06 j 19:06	11°♓08'26	3°04'23
minimum elong	-382 Mar 06 j 23:08	11°♓00'33	3°03'31
min. Earth dist.	-382 Mar 10 j 04:50	8°♓30'05	0.58246 AU
morning rise	-382 Mar 14 j 12:54	5°♓46'29	
desc. node	-382 Mar 19 j 09:24	4°♓21'04	
direct	-382 Mar 20 j 10:32	4°♓18'17	
morning max el	-382 Apr 03 j 18:50	11°♓53'56	26°35'21
	-382 Apr 17 j 21:15	0°♈	
morning set	-382 May 03 j 02:35	28°♈01'17	
	-382 May 04 j 01:07	0°♉	
asc. node	-382 May 06 j 10:53	5°♉09'53	
superior conj	-382 May 10 j 03:18	13°♉13'15	0°38'06
minimum elong	-382 May 10 j 01:42	13°♉04'29	0°37'47
max. Earth dist.	-382 May 10 j 07:28	13°♉36'07	1.32416 AU
evening rise	-382 May 17 j 02:16	28°♉14'37	
	-382 May 17 j 22:32	0°♊	
	-382 Jun 03 j 18:42	0°♋	
desc. node	-382 Jun 15 j 08:41	14°♋24'11	
evening max el	-382 Jun 16 j 02:11	15°♋06'39	26°42'06
retrograde	-382 Jun 30 j 01:42	22°♋22'15	
evening set	-382 Jul 06 j 19:34	20°♋24'58	
min. Earth dist.	-382 Jul 10 j 15:36	17°♋46'44	0.60303 AU
inferior conj	-382 Jul 13 j 23:09	15°♋03'57	-4°36'03
minimum elong	-382 Jul 14 j 01:44	14°♋58'39	4°35'49
morning rise	-382 Jul 21 j 09:48	10°♋22'35	
direct	-382 Jul 23 j 21:28	9°♋59'14	
morning max el	-382 Jul 31 j 06:10	13°♋34'30	18°10'34
asc. node	-382 Aug 02 j 10:06	15°♋55'23	
	-382 Aug 11 j 10:12	0°♌	
morning set	-382 Aug 16 j 04:28	8°♌49'34	
superior conj	-382 Aug 25 j 19:36	26°♌40'40	1°34'35
minimum elong	-382 Aug 25 j 23:11	26°♌56'44	1°34'18
	-382 Aug 27 j 16:13	0°♍	
max. Earth dist.	-382 Sep 02 j 10:29	9°♍58'44	1.41241 AU
evening rise	-382 Sep 07 j 14:11	18°♍30'54	
desc. node	-382 Sep 11 j 08:02	24°♍30'15	
	-382 Sep 14 j 20:45	0°♎	
	-382 Oct 06 j 05:07	0°♏	
evening max el	-382 Oct 11 j 09:35	5°♏49'10	22°53'03
retrograde	-382 Oct 21 j 10:04	11°♏46'09	
evening set	-382 Oct 26 j 04:17	9°♏49'10	
asc. node	-382 Oct 29 j 09:19	6°♏21'21	
inferior conj	-382 Oct 31 j 12:34	3°♏28'37	0°43'54
minimum elong	-382 Oct 31 j 11:33	3°♏32'06	0°43'29
min. Earth dist.	-382 Oct 31 j 07:09	3°♏47'18	0.67647 AU
	-382 Nov 03 j 03:39	30°℞♎	
morning rise	-382 Nov 05 j 18:45	27°♎18'00	
direct	-382 Nov 10 j 04:14	25°♎32'23	
	-382 Nov 18 j 07:50	0°♏	
morning max el	-382 Nov 19 j 04:23	0°♏50'31	21°46'20
desc. node	-382 Dec 08 j 07:17	26°♏06'18	
	-382 Dec 10 j 21:57	0°♐	
morning set	-382 Dec 21 j 07:35	16°♐06'04	
max. Earth dist.	-382 Dec 27 j 17:59	26°♐34'03	1.41591 AU
	-382 Dec 29 j 19:14	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-381 Jan 04 j 08:57	9°♑34'16	-2°01'16
minimum elong	-381 Jan 04 j 08:26	9°♑32'01	2°01'16
evening rise	-381 Jan 15 j 02:16	28°♑56'42	
	-381 Jan 15 j 16:01	0°♒	
asc. node	-381 Jan 25 j 08:37	17°♒01'21	
evening max el	-381 Jan 31 j 12:18	25°♒03'41	18°11'37
retrograde	-381 Feb 07 j 09:50	28°♒32'29	
evening set	-381 Feb 10 j 00:31	28°♒03'16	
inferior conj	-381 Feb 16 j 21:03	23°♒13'54	3°41'38
minimum elong	-381 Feb 16 j 23:02	23°♒09'22	3°41'26
min. Earth dist.	-381 Feb 20 j 04:19	20°♒15'15	0.60320 AU
morning rise	-381 Feb 23 j 19:38	17°♒30'40	
direct	-381 Mar 02 j 11:43	15°♒24'36	
desc. node	-381 Mar 06 j 06:26	16°♒02'35	
morning max el	-381 Mar 16 j 17:49	23°♒11'58	27°29'13
	-381 Mar 22 j 19:56	0°♓	
	-381 Apr 10 j 23:27	0°♈	
morning set	-381 Apr 17 j 10:23	12°♈45'21	
asc. node	-381 Apr 23 j 07:55	25°♈20'48	
max. Earth dist.	-381 Apr 23 j 20:03	26°♈27'03	1.32379 AU
superior conj	-381 Apr 24 j 14:48	28°♈09'42	0°13'36
minimum elong	-381 Apr 24 j 14:11	28°♈06'20	0°13'28
behind sun begin	-381 Apr 24 j 11:31	27°♈51'46	
behind sun end	-381 Apr 24 j 16:50	28°♈20'54	
	-381 Apr 25 j 10:55	0°♉	
evening rise	-381 May 01 j 12:29	13°♉08'09	
	-381 May 10 j 01:43	0°♊	
evening max el	-381 May 28 j 22:16	26°♊27'02	25°34'42
desc. node	-381 Jun 02 j 05:40	0°♋02'50	
	-381 Jun 02 j 04:04	0°♋	
retrograde	-381 Jun 11 j 23:32	3°♋38'31	
evening set	-381 Jun 17 j 17:59	2°♋19'48	
	-381 Jun 21 j 20:53	30°℞♊	
min. Earth dist.	-381 Jun 22 j 10:25	29°♊37'11	0.58252 AU
inferior conj	-381 Jun 25 j 16:12	27°♊19'09	-4°41'10
minimum elong	-381 Jun 25 j 14:53	27°♊21'29	4°41'06
morning rise	-381 Jul 03 j 14:25	23°♊00'09	
direct	-381 Jul 06 j 03:06	22°♊40'04	
morning max el	-381 Jul 14 j 11:40	26°♊36'25	18°47'00
	-381 Jul 17 j 13:34	0°♋	
asc. node	-381 Jul 20 j 07:09	3°♋46'21	
morning set	-381 Jul 30 j 22:37	22°♋50'23	
	-381 Aug 03 j 14:25	0°♌	
superior conj	-381 Aug 08 j 13:46	9°♌35'14	1°45'35
minimum elong	-381 Aug 08 j 15:07	9°♌41'39	1°45'31
max. Earth dist.	-381 Aug 15 j 13:57	22°♌27'10	1.39245 AU
evening rise	-381 Aug 19 j 13:48	29°♌23'59	
	-381 Aug 19 j 22:16	0°♍	
desc. node	-381 Aug 29 j 05:03	15°♍04'54	
	-381 Sep 08 j 06:51	0°♎	
evening max el	-381 Sep 23 j 22:13	19°♎21'54	24°13'09
retrograde	-381 Oct 05 j 01:14	25°♎53'44	
evening set	-381 Oct 10 j 09:32	23°♎38'54	
min. Earth dist.	-381 Oct 15 j 03:16	18°♎10'09	0.67467 AU
inferior conj	-381 Oct 15 j 19:00	17°♎17'04	-0°09'47
minimum elong	-381 Oct 15 j 19:14	17°♎16'16	0°09'41
transit middle	-381 Oct 15 j 19:14	17°♎16'16	0°09'41
transit begin	-381 Oct 15 j 17:03	17°♎23'41	
transit end	-381 Oct 15 j 21:26	17°♎08'52	
asc. node	-381 Oct 16 j 06:20	16°♎38'55	
morning rise	-381 Oct 21 j 04:57	11°♎11'25	
direct	-381 Oct 25 j 01:11	9°♎47'04	
morning max el	-381 Nov 02 j 00:42	14°♎24'32	20°29'51
	-381 Nov 14 j 03:31	0°♏	
desc. node	-381 Nov 25 j 04:20	16°♏26'31	
morning set	-381 Nov 30 j 07:15	24°♏19'10	
	-381 Dec 03 j 22:35	0°♐	
max. Earth dist.	-381 Dec 10 j 00:33	9°♐40'22	1.43331 AU
superior conj	-381 Dec 16 j 06:40	19°♐54'15	-1°51'31
minimum elong	-381 Dec 16 j 01:25	19°♐32'28	1°51'13
	-381 Dec 22 j 06:10	0°♑	
evening rise	-381 Dec 28 j 15:27	11°♑05'51	
	-380 Jan 08 j 17:49	0°♒	
asc. node	-380 Jan 12 j 05:38	5°♒00'49	
evening max el	-380 Jan 15 j 00:12	8°♒13'22	18°08'56
retrograde	-380 Jan 21 j 12:54	11°♒39'03	
evening set	-380 Jan 24 j 07:58	11°♒00'29	
inferior conj	-380 Jan 30 j 16:07	5°♒50'29	3°51'33
minimum elong	-380 Jan 30 j 15:52	5°♒51'07	3°51'34
min. Earth dist.	-380 Feb 02 j 11:58	2°♒55'57	0.62364 AU
morning rise	-380 Feb 05 j 22:40	29°♑54'18	
	-380 Feb 05 j 19:36	30°℞♑	
direct	-380 Feb 12 j 22:37	27°♑18'41	
	-380 Feb 20 j 16:50	0°♒	
desc. node	-380 Feb 21 j 03:28	0°♒17'35	
morning max el	-380 Feb 26 j 22:34	5°♒10'28	27°46'56
	-380 Mar 16 j 14:57	0°♓	
morning set	-380 Mar 31 j 13:09	27°♓11'23	
	-380 Apr 01 j 22:07	0°♈	
max. Earth dist.	-380 Apr 06 j 05:14	9°♈03'40	1.32721 AU
superior conj	-380 Apr 08 j 00:32	12°♈57'19	-0°12'30
minimum elong	-380 Apr 08 j 01:07	13°♈00'31	0°12'23
behind sun begin	-380 Apr 07 j 21:52	12°♈42'52	
behind sun end	-380 Apr 08 j 04:22	13°♈18'10	
asc. node	-380 Apr 09 j 04:57	15°♈31'37	
evening rise	-380 Apr 15 j 00:12	28°♈02'45	
	-380 Apr 15 j 22:30	0°♉	
	-380 May 03 j 05:49	0°♊	
evening max el	-380 May 09 j 13:32	7°♊12'46	24°06'17
desc. node	-380 May 19 j 02:42	13°♊28'15	
retrograde	-380 May 23 j 09:43	14°♊10'17	
evening set	-380 May 27 j 18:34	13°♊27'53	
min. Earth dist.	-380 Jun 03 j 00:48	10°♊25'21	0.56475 AU
inferior conj	-380 Jun 05 j 13:07	8°♊51'37	-4°09'36
minimum elong	-380 Jun 05 j 07:22	9°♊00'37	4°08'35
morning rise	-380 Jun 13 j 23:02	4°♊50'28	
direct	-380 Jun 16 j 13:50	4°♊32'26	
morning max el	-380 Jun 26 j 07:57	9°♊03'47	19°44'21
asc. node	-380 Jul 06 j 04:12	22°♊21'19	
	-380 Jul 10 j 08:25	0°♋	
morning set	-380 Jul 14 j 00:37	7°♋15'28	
superior conj	-380 Jul 21 j 23:06	23°♋15'50	1°46'53
minimum elong	-380 Jul 21 j 22:33	23°♋13'06	1°46'52
	-380 Jul 25 j 09:51	0°♌	
max. Earth dist.	-380 Jul 27 j 17:22	4°♌23'32	1.37284 AU
evening rise	-380 Jul 31 j 13:27	11°♌26'09	
	-380 Aug 11 j 13:45	0°♍	
desc. node	-380 Aug 15 j 02:05	5°♍26'33	
	-380 Sep 02 j 13:07	0°♎	
evening max el	-380 Sep 05 j 09:45	2°♎58'09	25°28'08
retrograde	-380 Sep 17 j 11:57	9°♎55'40	
evening set	-380 Sep 23 j 10:56	7°♎24'49	
min. Earth dist.	-380 Sep 27 j 20:31	2°♎31'29	0.66965 AU
inferior conj	-380 Sep 28 j 23:01	1°♎05'52	-1°05'21
minimum elong	-380 Sep 29 j 00:40	1°♎00'34	1°04'39
	-380 Sep 29 j 19:33	30°℞♍	
asc. node	-380 Oct 02 j 03:23	27°♍15'43	
morning rise	-380 Oct 04 j 14:33	25°♍08'05	
direct	-380 Oct 07 j 23:35	24°♍02'07	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-380 Oct 15 j 04:36	28°♍07'46	19°26'35	
	-380 Oct 16 j 21:59	0°♎		
	-380 Nov 06 j 13:32	0°♏		
morning set	-380 Nov 08 j 07:15	2°♏41'50		
desc. node	-380 Nov 11 j 01:24	6°♏59'03		
max. Earth dist.	-380 Nov 21 j 14:18	23°♏30'31	1.44518 AU	
superior conj	-380 Nov 25 j 01:51	29°♏02'33	-1°23'41	
minimum elong	-380 Nov 24 j 17:39	28°♏29'50	1°22'51	
	-380 Nov 25 j 16:14	0°♐		
evening rise	-380 Dec 09 j 08:21	22°♐20'49		
	-380 Dec 13 j 22:19	0°♑		
evening max el	-380 Dec 28 j 12:41	21°♑34'04	18°25'04	
asc. node	-380 Dec 29 j 02:39	22°♑08'24		
retrograde	-379 Jan 04 j 01:33	25°♑08'43		
evening set	-379 Jan 07 j 01:25	24°♑19'44		
inferior conj	-379 Jan 13 j 00:21	18°♑50'31	3°41'42	
minimum elong	-379 Jan 12 j 22:30	18°♑55'50	3°41'29	
min. Earth dist.	-379 Jan 15 j 05:08	16°♑19'10	0.64152 AU	
morning rise	-379 Jan 18 j 19:03	12°♑46'18		
direct	-379 Jan 25 j 17:06	9°♑55'51		
desc. node	-379 Feb 07 j 00:33	16°♑30'28		
morning max el	-379 Feb 08 j 07:05	17°♑44'23	27°28'34	
	-379 Feb 18 j 14:20	0°♒		
	-379 Mar 09 j 10:50	0°♓		
morning set	-379 Mar 15 j 08:16	11°♓10'47		
max. Earth dist.	-379 Mar 20 j 07:13	21°♓13'47	1.33475 AU	
superior conj	-379 Mar 23 j 06:41	27°♓30'00	-0°39'12	
minimum elong	-379 Mar 23 j 08:33	27°♓39'57	0°38'49	
	-379 Mar 24 j 10:49	0°♈		
asc. node	-379 Mar 27 j 02:00	5°♈38'19		
evening rise	-379 Mar 30 j 11:37	12°♈52'05		
	-379 Apr 08 j 06:21	0°♉		
evening max el	-379 Apr 21 j 05:39	17°♉49'01	22°31'02	
retrograde	-379 May 04 j 06:54	24°♉14'56		
desc. node	-379 May 05 j 23:42	24°♉08'30		
evening set	-379 May 07 j 07:45	23°♉54'42		
min. Earth dist.	-379 May 15 j 13:35	20°♉20'42	0.55316 AU	
inferior conj	-379 May 16 j 16:06	19°♉43'02	-2°53'05	
minimum elong	-379 May 16 j 09:10	19°♉52'54	2°51'03	
morning rise	-379 May 25 j 12:34	15°♉48'58		
direct	-379 May 28 j 07:49	15°♉30'55		
morning max el	-379 Jun 08 j 17:15	20°♉49'26	21°01'50	
	-379 Jun 16 j 06:47	0°♊		
asc. node	-379 Jun 23 j 01:17	11°♊29'54		
morning set	-379 Jun 28 j 07:54	21°♊58'11		
	-379 Jul 02 j 04:35	0°♋		
superior conj	-379 Jul 05 j 19:13	7°♋29'56	1°40'36	
minimum elong	-379 Jul 05 j 17:24	7°♋20'34	1°40'29	
max. Earth dist.	-379 Jul 10 j 02:53	16°♋14'06	1.35562 AU	
evening rise	-379 Jul 14 j 08:45	24°♋26'16		
	-379 Jul 17 j 08:59	0°♌		
desc. node	-379 Aug 01 j 23:04	25°♌28'59		
	-379 Aug 05 j 03:01	0°♍		
evening max el	-379 Aug 18 j 21:34	16°♍33'53	26°30'06	
retrograde	-379 Aug 31 j 17:35	23°♍46'31		
evening set	-379 Sep 07 j 06:27	21°♍04'09		
min. Earth dist.	-379 Sep 11 j 08:25	16°♍48'02	0.66125 AU	
inferior conj	-379 Sep 12 j 22:44	14°♍52'00	-2°01'03	
minimum elong	-379 Sep 13 j 01:46	14°♍42'46	1°59'52	
morning rise	-379 Sep 18 j 21:29	9°♍05'20		
asc. node	-379 Sep 19 j 00:28	9°♍01'14		
direct	-379 Sep 21 j 21:35	8°♍14'19		
morning max el	-379 Sep 28 j 14:53	11°♍57'39	18°38'46	
	-379 Oct 11 j 13:00	0°♎		
morning set	-379 Oct 19 j 05:16	12°♎14'03		
desc. node	-379 Oct 28 j 22:26	27°♎39'38		
	-379 Oct 30 j 10:02	0°♏		
superior conj	-379 Nov 04 j 03:33	7°♏26'43	-0°39'55	
minimum elong	-379 Nov 03 j 22:22	7°♏06'20	0°39'15	
max. Earth dist.	-379 Nov 04 j 08:29	7°♏46'07	1.45009 AU	
	-379 Nov 18 j 10:21	0°♐		
evening rise	-379 Nov 20 j 01:43	2°♐36'46		
greatest brilliancy	-379 Nov 28 j 01:45	15°♐21'48	-0.8m	
	-379 Dec 07 j 19:35	0°♑		
evening max el	-379 Dec 11 j 23:11	4°♑59'52	18°58'57	
asc. node	-379 Dec 15 j 23:43	8°♑09'39		
retrograde	-379 Dec 18 j 20:03	8°♑53'57		
evening set	-379 Dec 22 j 01:49	7°♑53'17		
inferior conj	-379 Dec 27 j 18:10	2°♑07'04	3°17'40	
minimum elong	-379 Dec 27 j 15:29	2°♑15'24	3°17'05	
	-379 Dec 29 j 10:57	30°℞♐		
min. Earth dist.	-379 Dec 29 j 07:43	0°♑09'54	0.65577 AU	
morning rise	-378 Jan 02 j 04:53	25°♐57'36		
direct	-378 Jan 08 j 17:57	23°♐06'58		
	-378 Jan 20 j 23:36	0°♑		
morning max el	-378 Jan 21 j 16:47	0°♑42'23	26°39'11	
desc. node	-378 Jan 24 j 21:37	4°♑07'40		
	-378 Feb 12 j 14:28	0°♒		
morning set	-378 Feb 26 j 16:13	24°♒31'49		
	-378 Mar 01 j 12:15	0°♓		
max. Earth dist.	-378 Mar 02 j 22:36	2°♓49'41	1.34675 AU	
superior conj	-378 Mar 07 j 07:00	11°♓39'47	-1°05'21	
minimum elong	-378 Mar 07 j 10:02	11°♓55'29	1°04'49	
asc. node	-378 Mar 13 j 23:02	25°♓35'51		
evening rise	-378 Mar 14 j 20:47	27°♓28'47		
	-378 Mar 16 j 02:11	0°♈		
evening max el	-378 Apr 03 j 05:04	28°♈42'55	21°02'33	
	-378 Apr 04 j 15:05	0°♉		
retrograde	-378 Apr 14 j 20:22	4°♉20'53		
evening set	-378 Apr 17 j 02:54	4°♉08'47		
desc. node	-378 Apr 22 j 20:45	2°♉06'27		
inferior conj	-378 Apr 26 j 10:25	0°♉10'14	-1°01'10	
minimum elong	-378 Apr 26 j 07:32	0°♉14'20	1°00'07	
	-378 Apr 26 j 17:39	30°℞♈		
min. Earth dist.	-378 Apr 27 j 02:32	29°♈47'27	0.55026 AU	
morning rise	-378 May 05 j 12:00	26°♈05'28		
direct	-378 May 08 j 18:12	25°♈42'32		
	-378 May 19 j 11:31	0°♉		
morning max el	-378 May 21 j 16:05	1°♉53'24	22°35'38	
	-378 Jun 09 j 09:45	0°♊		
asc. node	-378 Jun 09 j 22:21	1°♊02'56		
morning set	-378 Jun 12 j 18:24	6°♊51'54		
superior conj	-378 Jun 19 j 22:43	22°♊07'03	1°28'25	
minimum elong	-378 Jun 19 j 20:17	21°♊54'11	1°28'09	
max. Earth dist.	-378 Jun 22 j 21:38	28°♊19'10	1.34187 AU	
	-378 Jun 23 j 17:09	0°♋		
evening rise	-378 Jun 27 j 18:44	8°♋10'34		
	-378 Jul 09 j 21:24	0°♌		
desc. node	-378 Jul 19 j 20:05	15°♌04'00		
	-378 Aug 01 j 09:19	0°♍		
evening max el	-378 Aug 01 j 09:22	0°♍00'07	27°11'25	
retrograde	-378 Aug 14 j 17:49	7°♍19'21		
evening set	-378 Aug 21 j 17:36	4°♍33'21		
min. Earth dist.	-378 Aug 25 j 12:39	0°♍54'21	0.64919 AU	
	-378 Aug 26 j 08:22	30°℞♌		
inferior conj	-378 Aug 27 j 15:57	28°♌31'35	-2°54'43	
minimum elong	-378 Aug 27 j 20:09	28°♌19'53	2°53'19	
morning rise	-378 Sep 02 j 23:25	22°♌59'22		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-378 Sep 05 j 16:54	22°♌19'48	
asc. node	-378 Sep 05 j 21:33	22°♌20'00	
morning max el	-378 Sep 12 j 05:18	25°♌49'54	18°07'35
	-378 Sep 15 j 17:50	0°♍	
morning set	-378 Sep 30 j 07:53	23°♍10'37	
	-378 Oct 04 j 10:31	0°♎	
superior conj	-378 Oct 14 j 08:51	16°♎07'14	0°09'29
minimum elong	-378 Oct 14 j 10:01	16°♎11'54	0°09'19
behind sun begin	-378 Oct 14 j 01:07	15°♎36'20	
behind sun end	-378 Oct 14 j 18:55	16°♎47'25	
desc. node	-378 Oct 15 j 19:27	18°♎25'03	
max. Earth dist.	-378 Oct 18 j 03:23	22°♎06'40	1.44758 AU
	-378 Oct 23 j 03:53	0°♏	
evening rise	-378 Oct 30 j 20:49	11°♏59'19	
	-378 Nov 11 j 14:25	0°♐	
greatest brilliancy	-378 Nov 12 j 23:59	2°♐06'05	-0.7m
evening max el	-378 Nov 25 j 05:36	18°♐27'38	19°49'04
retrograde	-378 Dec 02 j 17:19	22°♐49'53	
asc. node	-378 Dec 02 j 20:47	22°♐49'46	
evening set	-378 Dec 06 j 06:39	21°♐35'53	
inferior conj	-378 Dec 11 j 18:34	15°♐35'40	2°43'19
minimum elong	-378 Dec 11 j 15:45	15°♐44'58	2°42'28
min. Earth dist.	-378 Dec 12 j 18:22	14°♐16'58	0.66614 AU
morning rise	-378 Dec 17 j 00:40	9°♐22'59	
direct	-378 Dec 23 j 00:35	6°♐43'34	
morning max el	-377 Jan 04 j 01:54	13°♐53'14	25°27'06
desc. node	-377 Jan 11 j 18:41	22°♐44'42	
	-377 Jan 17 j 05:18	0°♑	
	-377 Feb 05 j 09:21	0°♒	
morning set	-377 Feb 09 j 08:18	7°♒01'15	
max. Earth dist.	-377 Feb 13 j 02:22	13°♒57'45	1.36317 AU
superior conj	-377 Feb 18 j 22:46	25°♒19'10	-1°29'13
minimum elong	-377 Feb 19 j 02:31	25°♒37'51	1°28'44
	-377 Feb 21 j 06:43	0°♓	
evening rise	-377 Feb 27 j 01:41	11°♓46'33	
asc. node	-377 Feb 28 j 20:05	15°♓19'37	
	-377 Mar 08 j 19:43	0°♈	
evening max el	-377 Mar 16 j 15:30	10°♈12'22	19°49'33
retrograde	-377 Mar 26 j 13:47	14°♈57'57	
evening set	-377 Mar 28 j 16:49	14°♈45'50	
inferior conj	-377 Apr 06 j 10:35	10°♈44'09	0°55'39
minimum elong	-377 Apr 06 j 12:57	10°♈40'30	0°54'50
min. Earth dist.	-377 Apr 08 j 16:44	9°♈20'38	0.55688 AU
desc. node	-377 Apr 09 j 17:49	8°♈43'25	
morning rise	-377 Apr 15 j 06:45	6°♈11'07	
direct	-377 Apr 19 j 10:22	5°♈32'55	
morning max el	-377 May 03 j 08:11	12°♈29'18	24°16'29
	-377 May 16 j 17:40	0°♉	
asc. node	-377 May 27 j 19:23	20°♉53'26	
morning set	-377 May 28 j 06:17	21°♉50'38	
	-377 Jun 01 j 01:44	0°♊	
superior conj	-377 Jun 04 j 06:57	6°♊58'31	1°11'37
minimum elong	-377 Jun 04 j 04:29	6°♊45'12	1°11'15
max. Earth dist.	-377 Jun 06 j 01:13	10°♊46'18	1.33200 AU
evening rise	-377 Jun 11 j 15:15	22°♊26'48	
	-377 Jun 15 j 11:12	0°♋	
	-377 Jul 03 j 16:40	0°♌	
desc. node	-377 Jul 06 j 17:06	3°♌59'30	
evening max el	-377 Jul 14 j 19:34	13°♌04'32	27°25'26
retrograde	-377 Jul 28 j 12:15	20°♌24'37	
evening set	-377 Aug 04 j 17:07	17°♌46'46	
min. Earth dist.	-377 Aug 08 j 07:28	14°♌40'17	0.63350 AU
inferior conj	-377 Aug 10 j 23:59	11°♌58'29	-3°43'12
minimum elong	-377 Aug 11 j 04:41	11°♌46'40	3°42'00
morning rise	-377 Aug 17 j 17:22	6°♌43'49	
direct	-377 Aug 20 j 06:40	6°♌12'32	
asc. node	-377 Aug 23 j 18:37	7°♌12'04	
morning max el	-377 Aug 26 j 21:01	9°♌37'51	17°53'55
	-377 Sep 09 j 10:32	0°♍	
morning set	-377 Sep 12 j 11:25	5°♍18'31	
superior conj	-377 Sep 24 j 12:13	25°♍54'38	0°52'27
minimum elong	-377 Sep 24 j 17:00	26°♍14'30	0°51'51
	-377 Sep 26 j 23:44	0°♎	
max. Earth dist.	-377 Sep 30 j 19:27	6°♎11'51	1.43813 AU
desc. node	-377 Oct 02 j 16:27	9°♎11'44	
evening rise	-377 Oct 10 j 03:40	20°♎53'59	
	-377 Oct 16 j 02:27	0°♏	
	-377 Nov 06 j 11:56	0°♐	
evening max el	-377 Nov 08 j 06:29	1°♐55'19	20°53'09
retrograde	-377 Nov 16 j 14:54	6°♐52'15	
asc. node	-377 Nov 19 j 17:50	5°♐56'54	
evening set	-377 Nov 20 j 13:49	5°♐23'00	
	-377 Nov 25 j 09:06	30°℞♏	
inferior conj	-377 Nov 25 j 23:07	29°♏12'09	2°01'15
minimum elong	-377 Nov 25 j 20:41	29°♏20'26	2°00'22
min. Earth dist.	-377 Nov 26 j 10:45	28°♏32'18	0.67281 AU
morning rise	-377 Dec 01 j 03:23	22°♏58'24	
direct	-377 Dec 06 j 12:23	20°♏37'30	
morning max el	-377 Dec 17 j 10:21	27°♏08'19	24°02'15
	-377 Dec 20 j 02:33	0°♐	
desc. node	-377 Dec 29 j 15:43	12°♐03'37	
	-376 Jan 10 j 21:10	0°♑	
morning set	-376 Jan 22 j 02:32	18°♑22'15	
max. Earth dist.	-376 Jan 25 j 22:01	25°♑03'16	1.38303 AU
	-376 Jan 28 j 15:40	0°♒	
superior conj	-376 Feb 02 j 02:24	8°♒18'23	-1°48'30
minimum elong	-376 Feb 02 j 05:53	8°♒35'00	1°48'13
evening rise	-376 Feb 10 j 23:47	25°♒38'20	
	-376 Feb 13 j 05:26	0°♓	
asc. node	-376 Feb 15 j 17:08	4°♓44'13	
evening max el	-376 Feb 27 j 12:40	22°♓20'01	18°55'49
retrograde	-376 Mar 06 j 21:58	26°♓22'53	
evening set	-376 Mar 09 j 05:00	26°♓05'59	
inferior conj	-376 Mar 17 j 04:02	21°♓49'25	2°27'34
minimum elong	-376 Mar 17 j 08:27	21°♓41'31	2°26'22
min. Earth dist.	-376 Mar 20 j 08:58	19°♓33'07	0.57154 AU
morning rise	-376 Mar 25 j 08:53	16°♓43'39	
desc. node	-376 Mar 26 j 14:51	16°♓15'57	
direct	-376 Mar 30 j 16:04	15°♓36'17	
morning max el	-376 Apr 13 j 23:15	23°♓02'18	25°50'24
	-376 Apr 20 j 04:30	0°♈	
	-376 May 08 j 10:22	0°♉	
morning set	-376 May 11 j 17:57	6°♉48'59	
asc. node	-376 May 13 j 16:24	10°♉56'02	
superior conj	-376 May 18 j 17:52	21°♉57'32	0°51'13
minimum elong	-376 May 18 j 15:51	21°♉46'26	0°50'50
max. Earth dist.	-376 May 19 j 11:09	23°♉32'04	1.32595 AU
	-376 May 22 j 10:39	0°♊	
evening rise	-376 May 25 j 19:06	7°♊05'00	
	-376 Jun 06 j 23:18	0°♋	
desc. node	-376 Jun 22 j 14:07	21°♋59'01	
evening max el	-376 Jun 26 j 02:00	25°♋35'38	27°07'30
	-376 Jul 01 j 13:24	0°♌	
retrograde	-376 Jul 09 j 23:56	2°♌53'14	
evening set	-376 Jul 17 j 00:57	0°♌37'39	
	-376 Jul 17 j 23:32	30°℞♋	
min. Earth dist.	-376 Jul 20 j 16:10	27°♋53'15	0.61472 AU
inferior conj	-376 Jul 23 j 19:43	25°♋05'42	-4°21'32

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-376 Jul 23 j 23:37	24°♋57'01	4°20'55	
morning rise	-376 Jul 30 j 23:52	20°♋11'20		
direct	-376 Aug 02 j 11:25	19°♋45'42		
morning max el	-376 Aug 09 j 11:08	23°♋14'50	17°58'48	
asc. node	-376 Aug 09 j 15:39	23°♋25'57		
	-376 Aug 14 j 19:41	0°♌		
morning set	-376 Aug 25 j 09:57	18°♌21'33		
	-376 Aug 31 j 19:26	0°♍		
superior conj	-376 Sep 04 j 19:07	7°♍03'40	1°22'57	
minimum elong	-376 Sep 04 j 23:44	7°♍23'49	1°22'30	
max. Earth dist.	-376 Sep 12 j 06:46	19°♍47'07	1.42303 AU	
evening rise	-376 Sep 18 j 16:25	0°♎08'31		
desc. node	-376 Sep 18 j 13:28	29°♍56'51		
	-376 Sep 18 j 14:16	0°♎		
	-376 Oct 08 j 16:55	0°♏		
evening max el	-376 Oct 21 j 01:41	15°♏24'04	22°07'32	
retrograde	-376 Oct 30 j 10:54	20°♏58'52		
evening set	-376 Nov 03 j 21:31	19°♏12'31		
asc. node	-376 Nov 05 j 14:53	17°♏33'37		
inferior conj	-376 Nov 09 j 05:47	12°♏54'37	1°13'25	
minimum elong	-376 Nov 09 j 04:10	13°♏00'14	1°12'46	
min. Earth dist.	-376 Nov 09 j 06:28	12°♏52'16	0.67610 AU	
morning rise	-376 Nov 14 j 10:38	6°♏42'06		
direct	-376 Nov 19 j 04:33	4°♏43'15		
morning max el	-376 Nov 28 j 20:46	10°♏27'31	22°34'34	
	-376 Dec 14 j 05:24	0°♐		
desc. node	-376 Dec 15 j 12:44	1°♐52'37		
morning set	-375 Jan 01 j 16:53	28°♐19'56		
	-375 Jan 02 j 17:15	0°♑		
max. Earth dist.	-375 Jan 06 j 17:52	6°♑44'17	1.40426 AU	
superior conj	-375 Jan 14 j 13:16	20°♑25'36	-1°59'54	
minimum elong	-375 Jan 14 j 14:50	20°♑32'38	1°59'52	
	-375 Jan 19 j 18:10	0°♒		
evening rise	-375 Jan 24 j 12:04	8°♒56'24		
asc. node	-375 Feb 01 j 14:10	23°♒42'35		
	-375 Feb 05 j 14:40	0°♓		
evening max el	-375 Feb 09 j 17:56	4°♓58'24	18°22'05	
retrograde	-375 Feb 17 j 00:58	8°♓34'47		
evening set	-375 Feb 19 j 13:12	8°♓10'19		
inferior conj	-375 Feb 26 j 18:27	3°♓33'17	3°24'00	
minimum elong	-375 Feb 26 j 21:44	3°♓26'26	3°23'28	
min. Earth dist.	-375 Mar 02 j 04:46	0°♓43'12	0.59112 AU	
	-375 Mar 03 j 03:16	30°♓℞		
morning rise	-375 Mar 06 j 03:53	28°♒01'28		
direct	-375 Mar 12 j 10:51	26°♒16'34		
desc. node	-375 Mar 13 j 11:54	26°♒19'25		
	-375 Mar 22 j 03:05	0°♓		
morning max el	-375 Mar 26 j 18:22	3°♓57'56	27°02'23	
	-375 Apr 14 j 19:07	0°♈		
morning set	-375 Apr 26 j 03:40	21°♈39'58		
	-375 Apr 30 j 01:27	0°♉		
asc. node	-375 Apr 30 j 13:26	1°♉05'07		
superior conj	-375 May 03 j 05:37	6°♉56'31	0°27'59	
minimum elong	-375 May 03 j 04:24	6°♉49'51	0°27'43	
max. Earth dist.	-375 May 02 j 23:56	6°♉25'19	1.32358 AU	
evening rise	-375 May 10 j 03:37	21°♉55'16		
	-375 May 14 j 02:29	0°♊		
	-375 Jun 01 j 11:25	0°♋		
evening max el	-375 Jun 08 j 02:20	7°♋22'48	26°16'49	
desc. node	-375 Jun 09 j 11:08	8°♋38'01		
retrograde	-375 Jun 22 j 03:04	14°♋36'27		
evening set	-375 Jun 28 j 12:27	12°♋55'22		
min. Earth dist.	-375 Jul 02 j 15:18	10°♋17'14	0.59425 AU	
inferior conj	-375 Jul 05 j 23:29	7°♋42'40	-4°41'53	

minimum elong	-375 Jul 06 j 00:38	7°♋40'26	4°41'51	
morning rise	-375 Jul 13 j 14:58	3°♋10'34		
direct	-375 Jul 16 j 02:57	2°♋48'40		
morning max el	-375 Jul 23 j 20:32	6°♋31'33	18°23'26	
asc. node	-375 Jul 27 j 12:40	10°♋45'21		
	-375 Aug 07 j 20:02	0°♌		
morning set	-375 Aug 08 j 22:09	2°♌04'30		
superior conj	-375 Aug 18 j 02:01	19°♌24'00	1°40'34	
minimum elong	-375 Aug 18 j 04:39	19°♌36'09	1°40'24	
	-375 Aug 23 j 23:42	0°♍		
max. Earth dist.	-375 Aug 25 j 13:04	2°♍42'15	1.40414 AU	
evening rise	-375 Aug 30 j 01:38	10°♍20'47		
desc. node	-375 Sep 05 j 10:29	20°♍36'32		
	-375 Sep 11 j 13:49	0°♎		
evening max el	-375 Oct 03 j 16:15	28°♎55'24	23°27'19	
	-375 Oct 04 j 18:51	0°♏		
retrograde	-375 Oct 14 j 04:01	5°♏07'15		
evening set	-375 Oct 19 j 04:09	3°♏02'41		
	-375 Oct 22 j 01:02	30°℞♎		
asc. node	-375 Oct 23 j 11:54	28°♎06'16		
min. Earth dist.	-375 Oct 24 j 03:03	27°♎14'45	0.67615 AU	
inferior conj	-375 Oct 24 j 12:47	26°♎41'23	0°21'27	
minimum elong	-375 Oct 24 j 12:17	26°♎43'07	0°21'14	
morning rise	-375 Oct 29 j 20:21	20°♎32'39		
direct	-375 Nov 03 j 00:06	18°♎56'10		
morning max el	-375 Nov 11 j 12:51	23°♎55'31	21°12'23	
	-375 Nov 16 j 19:16	0°♏		
desc. node	-375 Dec 02 j 09:47	22°♏03'27		
	-375 Dec 07 j 15:15	0°♐		
morning set	-375 Dec 12 j 03:17	6°♐59'46		
max. Earth dist.	-375 Dec 19 j 20:38	19°♐22'37	1.42389 AU	
	-375 Dec 26 j 05:21	0°♑		
superior conj	-375 Dec 27 j 01:58	1°♑27'58	-1°59'12	
minimum elong	-375 Dec 26 j 23:32	1°♑17'31	1°59'08	
evening rise	-374 Jan 07 j 10:55	21°♑33'22		
	-374 Jan 12 j 03:42	0°♒		
asc. node	-374 Jan 19 j 11:13	12°♒06'33		
evening max el	-374 Jan 24 j 04:17	17°♒58'58	18°08'09	
retrograde	-374 Jan 30 j 20:42	21°♒24'42		
evening set	-374 Feb 02 j 13:22	20°♒51'28		
inferior conj	-374 Feb 09 j 04:09	15°♒52'56	3°48'42	
minimum elong	-374 Feb 09 j 05:09	15°♒50'32	3°48'39	
min. Earth dist.	-374 Feb 12 j 07:11	12°♒53'37	0.61207 AU	
morning rise	-374 Feb 15 j 19:28	10°♒03'38		
direct	-374 Feb 22 j 16:13	7°♒43'49		
desc. node	-374 Feb 28 j 08:56	9°♒10'14		
morning max el	-374 Mar 08 j 19:55	15°♒32'57	27°41'26	
	-374 Mar 20 j 15:14	0°♓		
	-374 Apr 07 j 06:35	0°♈		
morning set	-374 Apr 10 j 09:37	6°♈17'15		
max. Earth dist.	-374 Apr 16 j 11:45	19°♈12'44	1.32483 AU	
asc. node	-374 Apr 17 j 10:29	21°♈16'34		
superior conj	-374 Apr 17 j 16:34	21°♈49'49	0°02'42	
minimum elong	-374 Apr 17 j 16:27	21°♈49'08	0°02'40	
behind sun begin	-374 Apr 17 j 11:26	21°♈21'45		
behind sun end	-374 Apr 17 j 21:28	22°♈16'32		
	-374 Apr 21 j 10:20	0°♉		
evening rise	-374 Apr 24 j 14:44	6°♉50'15		
	-374 May 06 j 19:24	0°♊		
evening max el	-374 May 20 j 19:56	18°♊26'13	24°58'49	
desc. node	-374 May 27 j 08:09	23°♊24'50		
retrograde	-374 Jun 03 j 19:46	25°♊32'46		
evening set	-374 Jun 09 j 00:58	24°♊30'27		
min. Earth dist.	-374 Jun 14 j 07:30	21°♊41'12	0.57454 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-374 Jun 17 j 08:03	19°♊40'05	-4°32'56	
minimum elong	-374 Jun 17 j 04:44	19°♊45'40	4°32'37	
morning rise	-374 Jun 25 j 11:16	15°♊29'34		
direct	-374 Jun 28 j 00:58	15°♊10'21		
morning max el	-374 Jul 06 j 22:21	19°♊19'21	19°08'48	
asc. node	-374 Jul 14 j 09:42	28°♊56'12		
	-374 Jul 15 j 01:26	0°♋		
morning set	-374 Jul 23 j 19:59	16°♋16'34		
	-374 Jul 30 j 18:20	0°♌		
superior conj	-374 Aug 01 j 03:13	2°♌39'47	1°47'11	
minimum elong	-374 Aug 01 j 03:42	2°♌42'06	1°47'10	
max. Earth dist.	-374 Aug 07 j 16:13	14°♌56'12	1.38399 AU	
evening rise	-374 Aug 11 j 11:48	21°♌43'39		
	-374 Aug 16 j 08:39	0°♍		
desc. node	-374 Aug 23 j 07:31	11°♍06'18		
	-374 Sep 05 j 12:21	0°♎		
evening max el	-374 Sep 16 j 04:07	12°♎29'32	24°46'06	
retrograde	-374 Sep 27 j 17:16	19°♎13'12		
evening set	-374 Oct 03 j 07:59	16°♎50'57		
min. Earth dist.	-374 Oct 07 j 22:07	11°♎37'19	0.67298 AU	
inferior conj	-374 Oct 08 j 18:24	10°♎29'59	-0°33'14	
minimum elong	-374 Oct 08 j 19:14	10°♎27'16	0°32'53	
asc. node	-374 Oct 10 j 08:57	8°♎24'40		
morning rise	-374 Oct 14 j 06:33	4°♎27'37		
direct	-374 Oct 17 j 21:45	3°♎11'34		
morning max el	-374 Oct 25 j 12:32	7°♎33'57	20°01'12	
	-374 Nov 11 j 02:09	0°♏		
desc. node	-374 Nov 19 j 06:49	12°♏29'25		
morning set	-374 Nov 20 j 23:54	15°♏07'56		
	-374 Nov 30 j 11:56	0°♐		
max. Earth dist.	-374 Dec 02 j 07:00	2°♐51'24	1.43915 AU	
superior conj	-374 Dec 07 j 12:03	11°♐15'42	-1°41'58	
minimum elong	-374 Dec 07 j 05:02	10°♐47'03	1°41'25	
	-374 Dec 18 j 17:11	0°♑		
evening rise	-374 Dec 20 j 16:00	3°♑20'31		
asc. node	-373 Jan 06 j 08:16	29°♑45'19		
	-373 Jan 06 j 13:23	0°♒		
evening max el	-373 Jan 07 j 16:40	1°♒13'21	18°13'29	
retrograde	-373 Jan 14 j 04:31	4°♒41'49		
evening set	-373 Jan 17 j 01:28	3°♒58'58		
	-373 Jan 21 j 23:28	30°℞♑		
inferior conj	-373 Jan 23 j 05:18	28°♑40'16	3°49'25	
minimum elong	-373 Jan 23 j 04:17	28°♑43'02	3°49'22	
min. Earth dist.	-373 Jan 25 j 18:49	25°♑53'52	0.63161 AU	
morning rise	-373 Jan 29 j 06:17	22°♑39'59		
direct	-373 Feb 05 j 06:15	19°♑56'27		
desc. node	-373 Feb 15 j 05:59	24°♑19'26		
morning max el	-373 Feb 19 j 02:48	27°♑47'59	27°43'26	
	-373 Feb 21 j 05:35	0°♒		
	-373 Mar 14 j 08:14	0°♓		
morning set	-373 Mar 25 j 09:29	20°♓32'45		
	-373 Mar 29 j 23:39	0°♈		
max. Earth dist.	-373 Mar 30 j 18:28	1°♈39'32	1.32988 AU	
superior conj	-373 Apr 02 j 00:59	6°♈31'09	-0°23'50	
minimum elong	-373 Apr 02 j 02:07	6°♈37'15	0°23'34	
asc. node	-373 Apr 04 j 07:34	11°♈25'55		
evening rise	-373 Apr 09 j 02:31	21°♈42'50		
	-373 Apr 13 j 03:21	0°♉		
evening max el	-373 May 02 j 10:27	29°♉03'07	23°25'40	
	-373 May 03 j 10:52	0°♊		
desc. node	-373 May 14 j 05:10	5°♊42'57		
retrograde	-373 May 16 j 00:34	5°♊50'24		
evening set	-373 May 19 j 18:54	5°♊19'14		
min. Earth dist.	-373 May 26 j 20:42	2°♊04'49	0.55885 AU	
inferior conj	-373 May 28 j 20:39	0°♊53'40	-3°42'39	
minimum elong	-373 May 28 j 13:46	1°♊03'56	3°41'04	
	-373 May 30 j 09:10	30°℞♉		
morning rise	-373 Jun 06 j 11:26	26°♉57'47		
direct	-373 Jun 09 j 03:34	26°♉40'13		
	-373 Jun 17 j 19:48	0°♊		
morning max el	-373 Jun 19 j 14:11	1°♊29'59	20°15'04	
asc. node	-373 Jul 01 j 06:47	17°♊46'42		
	-373 Jul 07 j 14:38	0°♋		
morning set	-373 Jul 08 j 00:31	0°♋50'15		
superior conj	-373 Jul 15 j 17:40	16°♋36'43	1°45'02	
minimum elong	-373 Jul 15 j 16:30	16°♋30'49	1°45'00	
max. Earth dist.	-373 Jul 20 j 21:27	26°♋46'35	1.36508 AU	
	-373 Jul 22 j 14:08	0°♌		
evening rise	-373 Jul 24 j 20:26	4°♌12'20		
	-373 Aug 09 j 07:00	0°♍		
desc. node	-373 Aug 10 j 04:32	1°♍21'02		
evening max el	-373 Aug 29 j 15:30	26°♍06'01	25°56'27	
	-373 Sep 03 j 04:20	0°♎		
retrograde	-373 Sep 11 j 02:05	3°♎11'55		
evening set	-373 Sep 17 j 07:12	0°♎35'07		
	-373 Sep 17 j 22:52	30°℞♍		
min. Earth dist.	-373 Sep 21 j 13:21	25°♍57'38	0.66650 AU	
inferior conj	-373 Sep 22 j 20:51	24°♍18'23	-1°29'03	
minimum elong	-373 Sep 22 j 23:06	24°♍11'19	1°28'09	
asc. node	-373 Sep 27 j 06:00	19°♍26'19		
morning rise	-373 Sep 28 j 15:17	18°♍25'10		
direct	-373 Oct 01 j 20:08	17°♍26'11		
morning max el	-373 Oct 08 j 19:29	21°♍21'23	19°04'16	
	-373 Oct 15 j 16:48	0°♎		
morning set	-373 Oct 31 j 07:25	23°♎55'34		
	-373 Nov 04 j 04:24	0°♏		
desc. node	-373 Nov 06 j 03:53	3°♏06'03		
max. Earth dist.	-373 Nov 14 j 22:46	16°♏53'51	1.44815 AU	
superior conj	-373 Nov 16 j 21:53	19°♏59'42	-1°06'36	
minimum elong	-373 Nov 16 j 14:11	19°♏29'17	1°05'43	
	-373 Nov 23 j 04:54	0°♐		
evening rise	-373 Dec 01 j 23:12	14°♐10'50		
	-373 Dec 11 j 16:23	0°♑		
evening max el	-373 Dec 22 j 04:33	14°♑36'24	18°37'19	
asc. node	-373 Dec 24 j 05:18	16°♑26'22		
retrograde	-373 Dec 28 j 20:07	18°♑18'27		
evening set	-373 Dec 31 j 22:12	17°♑24'52		
inferior conj	-372 Jan 06 j 18:03	11°♑48'08	3°32'58	
minimum elong	-372 Jan 06 j 15:45	11°♑54'58	3°32'35	
min. Earth dist.	-372 Jan 08 j 16:18	9°♑30'07	0.64807 AU	
morning rise	-372 Jan 12 j 08:52	5°♑41'05		
direct	-372 Jan 19 j 03:43	2°♑48'42		
morning max el	-372 Feb 01 j 12:16	10°♑34'00	27°10'48	
desc. node	-372 Feb 02 j 03:04	11°♑11'31		
	-372 Feb 16 j 21:47	0°♒		
	-372 Mar 05 j 18:37	0°♓		
morning set	-372 Mar 08 j 00:20	4°♓17'06		
max. Earth dist.	-372 Mar 12 j 16:06	13°♓34'15	1.33924 AU	
superior conj	-372 Mar 16 j 04:56	20°♓54'30	-0°50'29	
minimum elong	-372 Mar 16 j 07:20	21°♓07'07	0°50'00	
	-372 Mar 20 j 11:52	0°♈		
asc. node	-372 Mar 21 j 04:38	1°♈28'55		
evening rise	-372 Mar 23 j 13:11	6°♈26'53		
	-372 Apr 05 j 08:10	0°♉		
evening max el	-372 Apr 13 j 04:55	9°♉43'19	21°51'57	
retrograde	-372 Apr 25 j 17:48	15°♉50'45		
evening set	-372 Apr 28 j 08:24	15°♉35'33		
desc. node	-372 Apr 30 j 02:13	15°♉09'29		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-372 May 07 j 18:20	11°♉31'22	-2°08'30
minimum elong	-372 May 07 j 12:36	11°♉39'26	2°06'35
min. Earth dist.	-372 May 07 j 09:42	11°♉43'29	0.55064 AU
morning rise	-372 May 16 j 17:55	7°♉34'55	
direct	-372 May 19 j 16:26	7°♉15'45	
morning max el	-372 May 31 j 18:52	12°♉57'24	21°40'16
	-372 Jun 13 j 07:50	0°♊	
asc. node	-372 Jun 17 j 03:52	7°♊06'25	
morning set	-372 Jun 21 j 09:24	15°♊38'05	
	-372 Jun 28 j 05:28	0°♋	
superior conj	-372 Jun 28 j 17:18	1°♋01'50	1°36'05
minimum elong	-372 Jun 28 j 15:08	0°♋50'36	1°35'54
max. Earth dist.	-372 Jul 02 j 10:23	8°♋40'02	1.34923 AU
evening rise	-372 Jul 06 j 22:32	17°♋33'03	
	-372 Jul 13 j 17:29	0°♌	
desc. node	-372 Jul 27 j 01:32	21°♌13'07	
	-372 Aug 02 j 13:29	0°♍	
evening max el	-372 Aug 11 j 03:22	9°♍39'00	26°50'39
retrograde	-372 Aug 24 j 05:40	16°♍56'03	
evening set	-372 Aug 30 j 23:31	14°♍11'01	
min. Earth dist.	-372 Sep 03 j 22:23	10°♍10'42	0.65655 AU
inferior conj	-372 Sep 05 j 18:06	8°♍02'33	-2°24'13
minimum elong	-372 Sep 05 j 21:41	7°♍52'02	2°22'55
morning rise	-372 Sep 11 j 20:23	2°♍21'28	
asc. node	-372 Sep 13 j 03:03	1°♍49'57	
direct	-372 Sep 14 j 17:16	1°♍35'51	
morning max el	-372 Sep 21 j 07:49	5°♍12'53	18°23'18
	-372 Oct 08 j 05:36	0°♎	
morning set	-372 Oct 10 j 17:35	4°♎03'46	
desc. node	-372 Oct 23 j 00:54	23°♎48'58	
superior conj	-372 Oct 25 j 22:18	28°♎23'12	-0°18'52
minimum elong	-372 Oct 25 j 19:49	28°♎13'25	0°18'33
	-372 Oct 26 j 22:52	0°♏	
max. Earth dist.	-372 Oct 27 j 17:04	1°♏11'39	1.44995 AU
evening rise	-372 Nov 11 j 06:25	24°♏01'49	
	-372 Nov 15 j 01:38	0°♐	
greatest brilliancy	-372 Nov 21 j 19:24	10°♐31'14	-0.8m
evening max el	-372 Dec 04 j 13:34	28°♐03'36	19°18'28
	-372 Dec 06 j 16:05	0°♑	
asc. node	-372 Dec 10 j 02:20	1°♑54'52	
retrograde	-372 Dec 11 j 16:01	2°♑08'36	
evening set	-372 Dec 15 j 00:45	1°♑02'37	
	-372 Dec 16 j 09:12	30°℞♐	
inferior conj	-372 Dec 20 j 14:59	25°♐10'22	3°04'10
minimum elong	-372 Dec 20 j 12:11	25°♐19'22	3°03'27
min. Earth dist.	-372 Dec 21 j 22:36	23°♐29'01	0.66069 AU
morning rise	-372 Dec 25 j 23:22	18°♐59'17	
direct	-371 Jan 01 j 07:20	16°♐11'54	
morning max el	-371 Jan 13 j 21:40	23°♐38'17	26°10'36
desc. node	-371 Jan 19 j 00:08	29°♐16'49	
	-371 Jan 19 j 14:29	0°♑	
	-371 Feb 09 j 06:17	0°♒	
morning set	-371 Feb 19 j 02:13	17°♒18'26	
max. Earth dist.	-371 Feb 23 j 02:06	24°♒55'08	1.35318 AU
	-371 Feb 25 j 15:56	0°♓	
superior conj	-371 Feb 28 j 02:02	4°♓53'00	-1°15'53
minimum elong	-371 Feb 28 j 05:28	5°♓10'26	1°15'20
evening rise	-371 Mar 07 j 20:49	20°♓56'34	
asc. node	-371 Mar 08 j 01:40	21°♓21'25	
	-371 Mar 12 j 09:35	0°♈	
evening max el	-371 Mar 26 j 09:02	20°♈52'14	20°29'22
retrograde	-371 Apr 06 j 06:55	26°♈06'51	
evening set	-371 Apr 08 j 10:31	25°♈55'30	
desc. node	-371 Apr 16 j 23:16	22°♈18'30	
inferior conj	-371 Apr 17 j 13:25	21°♈57'59	-0°10'07
minimum elong	-371 Apr 17 j 12:56	21°♈58'40	0°09'57
transit middle	-371 Apr 17 j 12:56	21°♈58'40	0°09'57
transit begin	-371 Apr 17 j 09:47	22°♈03'16	
transit end	-371 Apr 17 j 16:06	21°♈54'05	
min. Earth dist.	-371 Apr 18 j 23:19	21°♈08'47	0.55193 AU
morning rise	-371 Apr 26 j 14:03	17°♈42'37	
direct	-371 Apr 30 j 04:24	17°♈14'32	
morning max el	-371 May 13 j 14:05	23°♈46'41	23°18'23
	-371 May 19 j 04:31	0°♉	
asc. node	-371 Jun 04 j 00:56	26°♉47'41	
morning set	-371 Jun 05 j 20:41	0°♊34'28	
	-371 Jun 05 j 14:06	0°♊	
superior conj	-371 Jun 12 j 23:05	15°♊45'48	1°21'48
minimum elong	-371 Jun 12 j 20:34	15°♊32'22	1°21'29
max. Earth dist.	-371 Jun 15 j 09:08	20°♊54'24	1.33721 AU
	-371 Jun 19 j 18:59	0°♋	
evening rise	-371 Jun 20 j 13:29	1°♋32'31	
	-371 Jul 06 j 15:36	0°♌	
desc. node	-371 Jul 13 j 22:32	10°♌32'49	
evening max el	-371 Jul 24 j 14:57	22°♌58'11	27°21'08
	-371 Aug 04 j 16:17	0°♍	
retrograde	-371 Aug 07 j 03:26	0°♍17'47	
	-371 Aug 09 j 12:33	30°℞♌	
evening set	-371 Aug 14 j 06:07	27°♌34'03	
min. Earth dist.	-371 Aug 17 j 22:56	24°♌09'25	0.64296 AU
inferior conj	-371 Aug 20 j 07:46	21°♌37'37	-3°16'10
minimum elong	-371 Aug 20 j 12:17	21°♌25'31	3°14'48
morning rise	-371 Aug 26 j 19:17	16°♌12'08	
direct	-371 Aug 29 j 10:44	15°♌36'22	
asc. node	-371 Aug 31 j 00:07	15°♌48'55	
morning max el	-371 Sep 04 j 23:02	19°♌03'29	17°59'29
	-371 Sep 13 j 00:43	0°♍	
morning set	-371 Sep 22 j 07:32	15°♍32'59	
	-371 Sep 30 j 21:57	0°♎	
superior conj	-371 Oct 05 j 11:22	7°♎27'27	0°29'01
minimum elong	-371 Oct 05 j 14:35	7°♎40'32	0°28'35
desc. node	-371 Oct 09 j 21:53	14°♎35'04	
max. Earth dist.	-371 Oct 10 j 11:16	15°♎28'15	1.44444 AU
	-371 Oct 19 j 17:48	0°♏	
evening rise	-371 Oct 21 j 18:25	3°♏07'45	
	-371 Nov 08 j 15:53	0°♐	
evening max el	-371 Nov 17 j 17:49	11°♐31'43	20°14'52
retrograde	-371 Nov 25 j 13:32	16°♐07'33	
asc. node	-371 Nov 26 j 23:22	15°♐56'12	
evening set	-371 Nov 29 j 06:47	14°♐47'12	
inferior conj	-371 Dec 04 j 17:24	8°♐42'14	2°26'15
minimum elong	-371 Dec 04 j 14:41	8°♐51'20	2°25'22
min. Earth dist.	-371 Dec 05 j 11:50	7°♐40'12	0.66948 AU
morning rise	-371 Dec 09 j 22:25	2°♐29'06	
	-371 Dec 14 j 19:41	30°℞♏	
direct	-371 Dec 15 j 16:13	29°♏56'52	
	-371 Dec 16 j 13:11	0°♐	
morning max el	-371 Dec 27 j 06:07	6°♐50'34	24°51'55
desc. node	-370 Jan 05 j 21:09	18°♐13'08	
	-370 Jan 14 j 07:16	0°♑	
morning set	-370 Feb 01 j 09:43	29°♑20'21	
	-370 Feb 01 j 18:38	0°♒	
max. Earth dist.	-370 Feb 05 j 01:43	5°♒58'15	1.37134 AU
superior conj	-370 Feb 11 j 13:07	18°♒16'39	-1°38'08
minimum elong	-370 Feb 11 j 16:55	18°♒35'13	1°37'43
	-370 Feb 17 j 10:32	0°♓	
evening rise	-370 Feb 19 j 23:08	5°♓04'07	
asc. node	-370 Feb 22 j 22:42	10°♓57'41	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-370 Mar 06 j 13:44	0°♈	
evening max el	-370 Mar 09 j 00:15	2°♈38'07	19°24'13
retrograde	-370 Mar 18 j 05:26	7°♈03'35	
evening set	-370 Mar 20 j 09:59	6°♈49'43	
inferior conj	-370 Mar 28 j 19:54	2°♈42'31	1°38'48
minimum elong	-370 Mar 28 j 23:38	2°♈36'26	1°37'37
min. Earth dist.	-370 Mar 31 j 13:52	0°♈55'11	0.56235 AU
	-370 Apr 02 j 02:01	30°℞♓	
desc. node	-370 Apr 03 j 20:19	29°♓02'12	
morning rise	-370 Apr 06 j 10:33	27°♓55'42	
direct	-370 Apr 11 j 01:52	27°♓06'46	
	-370 Apr 19 j 20:45	0°♈	
morning max el	-370 Apr 25 j 04:50	4°♈16'50	24°58'14
	-370 May 13 j 11:39	0°♉	
morning set	-370 May 21 j 08:39	15°♉33'16	
asc. node	-370 May 21 j 21:58	16°♉43'37	
superior conj	-370 May 28 j 08:39	0°♊40'31	1°03'22
minimum elong	-370 May 28 j 06:19	0°♊27'50	1°02'57
	-370 May 28 j 01:13	0°♊	
max. Earth dist.	-370 May 29 j 16:01	3°♊30'51	1.32901 AU
evening rise	-370 Jun 04 j 13:28	15°♊58'40	
	-370 Jun 11 j 18:46	0°♋	
desc. node	-370 Jun 30 j 19:34	29°♋06'28	
	-370 Jul 01 j 13:27	0°♌	
evening max el	-370 Jul 06 j 24:00	5°♌49'50	27°21'53
retrograde	-370 Jul 20 j 18:47	13°♌08'12	
evening set	-370 Jul 27 j 23:28	10°♌38'10	
min. Earth dist.	-370 Jul 31 j 13:19	7°♌42'51	0.62585 AU
inferior conj	-370 Aug 03 j 10:57	4°♌56'53	-4°01'07
minimum elong	-370 Aug 03 j 15:31	4°♌45'59	4°00'08
	-370 Aug 09 j 23:18	30°℞♋	
morning rise	-370 Aug 10 j 08:49	29°♋50'27	
direct	-370 Aug 12 j 21:14	29°♋21'42	
	-370 Aug 15 j 17:57	0°♌	
asc. node	-370 Aug 17 j 21:10	1°♌17'15	
morning max el	-370 Aug 19 j 14:24	2°♌47'13	17°53'44
morning set	-370 Sep 04 j 19:55	28°♌06'38	
	-370 Sep 05 j 21:19	0°♍	
superior conj	-370 Sep 16 j 02:31	17°♍49'53	1°07'02
minimum elong	-370 Sep 16 j 07:36	18°♍11'23	1°06'27
max. Earth dist.	-370 Sep 23 j 02:13	29°♍25'12	1.43232 AU
	-370 Sep 23 j 10:47	0°♎	
desc. node	-370 Sep 26 j 18:53	5°♎21'28	
evening rise	-370 Oct 01 j 01:37	12°♎05'35	
	-370 Oct 12 j 21:04	0°♏	
evening max el	-370 Oct 31 j 16:17	25°♏00'06	21°23'43
	-370 Nov 07 j 20:38	0°♐	
retrograde	-370 Nov 09 j 10:39	0°♐12'41	
	-370 Nov 10 j 23:22	30°℞♏	
evening set	-370 Nov 13 j 14:24	28°♏36'07	
asc. node	-370 Nov 13 j 20:24	28°♏24'03	
inferior conj	-370 Nov 18 j 23:04	22°♏21'43	1°41'33
minimum elong	-370 Nov 18 j 20:57	22°♏29'03	1°40'45
min. Earth dist.	-370 Nov 19 j 05:51	21°♏58'22	0.67465 AU
morning rise	-370 Nov 24 j 03:21	16°♏08'25	
direct	-370 Nov 29 j 05:50	13°♏56'56	
morning max el	-370 Dec 09 j 15:09	20°♏07'54	23°24'49
	-370 Dec 18 j 00:44	0°♐	
desc. node	-370 Dec 23 j 18:10	7°♐46'05	
	-369 Jan 07 j 12:40	0°♑	
morning set	-369 Jan 13 j 16:40	10°♑07'06	
max. Earth dist.	-369 Jan 17 j 21:01	17°♑17'20	1.39214 AU
	-369 Jan 24 j 22:22	0°♒	
superior conj	-369 Jan 25 j 10:14	0°♒55'09	-1°54'31
minimum elong	-369 Jan 25 j 13:09	1°♒08'44	1°54'22
evening rise	-369 Feb 03 j 17:29	18°♒42'43	
asc. node	-369 Feb 09 j 19:43	0°♓11'55	
	-369 Feb 09 j 17:04	0°♓	
evening max el	-369 Feb 20 j 01:07	14°♓59'09	18°38'53
retrograde	-369 Feb 27 j 21:55	18°♓49'05	
evening set	-369 Mar 02 j 07:08	18°♓29'14	
inferior conj	-369 Mar 09 j 22:14	14°♓03'55	2°55'49
minimum elong	-369 Mar 10 j 02:26	13°♓55'52	2°54'52
min. Earth dist.	-369 Mar 13 j 07:11	11°♓30'35	0.57952 AU
morning rise	-369 Mar 17 j 18:56	8°♓45'45	
desc. node	-369 Mar 21 j 17:21	7°♓31'30	
direct	-369 Mar 23 j 12:58	7°♓23'11	
morning max el	-369 Apr 06 j 21:19	14°♓56'50	26°24'34
	-369 Apr 18 j 23:28	0°♈	
morning set	-369 May 05 j 19:42	0°♉28'55	
	-369 May 05 j 14:10	0°♉	
asc. node	-369 May 08 j 19:00	6°♉49'13	
superior conj	-369 May 12 j 20:07	15°♉39'39	0°41'39
minimum elong	-369 May 12 j 18:23	15°♉30'12	0°41'17
max. Earth dist.	-369 May 13 j 03:40	16°♉21'05	1.32450 AU
	-369 May 19 j 11:29	0°♊	
evening rise	-369 May 19 j 19:33	0°♊42'13	
	-369 Jun 04 j 21:05	0°♋	
desc. node	-369 Jun 17 j 16:36	16°♋34'33	
evening max el	-369 Jun 19 j 03:47	18°♋01'29	26°49'41
retrograde	-369 Jul 03 j 03:00	25°♋17'56	
evening set	-369 Jul 09 j 23:09	23°♋15'26	
min. Earth dist.	-369 Jul 13 j 17:27	20°♋36'13	0.60605 AU
inferior conj	-369 Jul 17 j 00:16	17°♋51'28	-4°33'00
minimum elong	-369 Jul 17 j 03:16	17°♋45'10	4°32'40
morning rise	-369 Jul 24 j 09:14	13°♋06'51	
direct	-369 Jul 26 j 20:48	12°♋42'59	
morning max el	-369 Aug 03 j 02:55	16°♋16'20	18°06'57
asc. node	-369 Aug 04 j 18:12	18°♋00'24	
	-369 Aug 12 j 18:22	0°♌	
morning set	-369 Aug 19 j 00:48	11°♌27'28	
superior conj	-369 Aug 28 j 20:18	29°♌31'00	1°31'55
minimum elong	-369 Aug 29 j 00:11	29°♌48'18	1°31'35
	-369 Aug 29 j 02:48	0°♍	
max. Earth dist.	-369 Sep 05 j 11:14	12°♍43'37	1.41521 AU
evening rise	-369 Sep 10 j 21:44	21°♍40'26	
desc. node	-369 Sep 13 j 15:55	26°♍04'26	
	-369 Sep 16 j 04:05	0°♎	
	-369 Oct 07 j 01:59	0°♏	
evening max el	-369 Oct 14 j 09:08	8°♏28'54	22°41'07
retrograde	-369 Oct 24 j 05:43	14°♏20'29	
evening set	-369 Oct 28 j 21:53	12°♏26'18	
asc. node	-369 Oct 31 j 17:26	9°♏28'52	
inferior conj	-369 Nov 03 j 06:07	6°♏06'12	0°51'49
minimum elong	-369 Nov 03 j 04:56	6°♏10'17	0°51'19
min. Earth dist.	-369 Nov 03 j 02:16	6°♏19'31	0.67647 AU
morning rise	-369 Nov 08 j 11:52	29°♎54'56	
	-369 Nov 08 j 09:26	30°℞♎	
direct	-369 Nov 12 j 23:29	28°♎05'56	
	-369 Nov 18 j 01:56	0°♏	
morning max el	-369 Nov 22 j 03:46	3°♏30'54	21°58'35
desc. node	-369 Dec 10 j 15:12	27°♏44'57	
	-369 Dec 12 j 03:43	0°♐	
morning set	-369 Dec 24 j 18:35	19°♐29'27	
max. Earth dist.	-369 Dec 30 j 19:10	29°♐20'57	1.41298 AU
	-369 Dec 31 j 04:30	0°♑	
superior conj	-368 Jan 07 j 12:19	12°♑35'54	-2°01'22
minimum elong	-368 Jan 07 j 12:25	12°♑36'20	2°01'22

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-368 Jan 17 j 02:04	0°♒	
evening rise	-368 Jan 18 j 00:34	1°♒44'17	
asc. node	-368 Jan 27 j 16:45	18°♒56'46	
evening max el	-368 Feb 03 j 08:54	27°♒47'47	18°13'43
	-368 Feb 06 j 03:02	0°♓	
retrograde	-368 Feb 10 j 08:35	1°♓18'04	
evening set	-368 Feb 12 j 22:36	0°♓50'10	
	-368 Feb 14 j 18:04	30°℞♒	
inferior conj	-368 Feb 19 j 21:18	26°♒04'07	3°37'53
minimum elong	-368 Feb 19 j 23:38	25°♒58'54	3°37'38
min. Earth dist.	-368 Feb 23 j 05:46	23°♒06'44	0.60004 AU
morning rise	-368 Feb 26 j 22:37	20°♒23'32	
direct	-368 Mar 04 j 12:40	18°♒22'38	
desc. node	-368 Mar 07 j 14:23	18°♒47'40	
morning max el	-368 Mar 18 j 19:19	26°♒08'59	27°23'24
	-368 Mar 22 j 10:07	0°♓	
	-368 Apr 11 j 09:12	0°♈	
morning set	-368 Apr 19 j 04:06	15°♈15'23	
asc. node	-368 Apr 24 j 16:04	27°♈00'08	
max. Earth dist.	-368 Apr 25 j 16:25	29°♈13'13	1.32360 AU
superior conj	-368 Apr 26 j 07:47	0°♉37'25	0°17'27
minimum elong	-368 Apr 26 j 07:00	0°♉33'08	0°17'17
	-368 Apr 26 j 00:57	0°♉	
evening rise	-368 May 03 j 05:26	15°♉35'31	
	-368 May 10 j 10:44	0°♊	
evening max el	-368 May 31 j 01:00	29°♊29'03	25°46'24
	-368 May 31 j 14:10	0°♋	
desc. node	-368 Jun 03 j 13:38	2°♋30'30	
retrograde	-368 Jun 14 j 02:28	6°♋41'26	
evening set	-368 Jun 20 j 01:04	5°♋16'55	
min. Earth dist.	-368 Jun 24 j 13:25	2°♋35'55	0.58551 AU
inferior conj	-368 Jun 27 j 20:15	0°♋12'55	-4°42'29
minimum elong	-368 Jun 27 j 19:38	0°♋14'02	4°42'29
	-368 Jun 28 j 03:20	30°℞♊	
morning rise	-368 Jul 05 j 16:43	25°♊50'32	
direct	-368 Jul 08 j 05:07	25°♊30'03	
morning max el	-368 Jul 16 j 09:35	29°♊22'39	18°40'12
	-368 Jul 17 j 00:51	0°♋	
asc. node	-368 Jul 21 j 15:16	5°♋43'38	
morning set	-368 Aug 01 j 17:32	25°♋23'50	
	-368 Aug 04 j 02:17	0°♌	
superior conj	-368 Aug 10 j 11:44	12°♌17'00	1°44'34
minimum elong	-368 Aug 10 j 13:25	12°♌24'56	1°44'30
max. Earth dist.	-368 Aug 17 j 15:09	25°♌17'54	1.39550 AU
	-368 Aug 20 j 08:06	0°♍	
evening rise	-368 Aug 21 j 17:37	2°♍22'41	
desc. node	-368 Aug 30 j 12:57	16°♍40'22	
	-368 Sep 08 j 10:44	0°♎	
evening max el	-368 Sep 25 j 22:14	22°♎01'00	24°01'24
retrograde	-368 Oct 06 j 21:27	28°♎27'56	
evening set	-368 Oct 12 j 03:33	26°♎15'50	
min. Earth dist.	-368 Oct 16 j 22:37	20°♎41'57	0.67514 AU
inferior conj	-368 Oct 17 j 12:46	19°♎54'01	-0°01'29
minimum elong	-368 Oct 17 j 12:48	19°♎53'54	0°01'28
transit middle	-368 Oct 17 j 12:48	19°♎53'54	0°01'28
transit begin	-368 Oct 17 j 10:05	20°♎03'05	
transit end	-368 Oct 17 j 15:31	19°♎44'42	
asc. node	-368 Oct 17 j 14:29	19°♎48'12	
morning rise	-368 Oct 22 j 22:02	13°♎47'22	
direct	-368 Oct 26 j 20:10	12°♎19'53	
morning max el	-368 Nov 03 j 22:54	17°♎02'49	20°40'27
	-368 Nov 14 j 06:22	0°♏	
desc. node	-368 Nov 26 j 12:14	18°♏02'33	
morning set	-368 Dec 02 j 20:23	27°♏47'11	
	-368 Dec 04 j 06:27	0°♐	
max. Earth dist.	-368 Dec 12 j 00:41	12°♐19'55	1.43103 AU
superior conj	-368 Dec 18 j 14:04	23°♐07'08	-1°54'08
minimum elong	-368 Dec 18 j 09:33	22°♐48'12	1°53'53
	-368 Dec 22 j 15:37	0°♑	
evening rise	-368 Dec 30 j 16:24	14°♑00'44	
	-367 Jan 08 j 21:40	0°♒	
asc. node	-367 Jan 13 j 13:48	7°♒02'59	
evening max el	-367 Jan 16 j 20:32	10°♒55'29	18°08'08
retrograde	-367 Jan 23 j 09:50	14°♒20'38	
evening set	-367 Jan 26 j 04:19	13°♒43'26	
inferior conj	-367 Feb 01 j 14:05	8°♒36'28	3°51'29
minimum elong	-367 Feb 01 j 14:09	8°♒36'18	3°51'28
min. Earth dist.	-367 Feb 04 j 11:59	5°♒40'00	0.62071 AU
morning rise	-367 Feb 07 j 22:48	2°♒41'58	
direct	-367 Feb 14 j 22:18	0°♒09'57	
desc. node	-367 Feb 22 j 11:27	2°♒41'40	
morning max el	-367 Feb 28 j 23:14	8°♒01'09	27°46'42
	-367 Mar 17 j 20:01	0°♓	
morning set	-367 Apr 03 j 07:46	29°♓44'26	
	-367 Apr 03 j 10:50	0°♈	
max. Earth dist.	-367 Apr 09 j 02:23	11°♈52'49	1.32646 AU
superior conj	-367 Apr 10 j 17:54	15°♈26'40	-0°08'29
minimum elong	-367 Apr 10 j 18:17	15°♈28'49	0°08'23
behind sun begin	-367 Apr 10 j 13:54	15°♈04'58	
behind sun end	-367 Apr 10 j 22:41	15°♈52'42	
asc. node	-367 Apr 11 j 13:07	17°♈11'12	
	-367 Apr 17 j 11:19	0°♉	
evening rise	-367 Apr 17 j 17:03	0°♉30'23	
	-367 May 04 j 02:08	0°♊	
evening max el	-367 May 12 j 16:49	10°♊18'55	24°20'16
desc. node	-367 May 21 j 10:41	16°♊18'30	
retrograde	-367 May 26 j 14:17	17°♊19'00	
evening set	-367 May 31 j 04:30	16°♊31'53	
min. Earth dist.	-367 Jun 06 j 04:14	13°♊33'12	0.56716 AU
inferior conj	-367 Jun 08 j 20:14	11°♊52'00	-4°17'14
minimum elong	-367 Jun 08 j 15:02	12°♊00'16	4°16'26
morning rise	-367 Jun 17 j 04:24	7°♊48'35	
direct	-367 Jun 19 j 18:54	7°♊30'15	
morning max el	-367 Jun 29 j 07:22	11°♊55'22	19°34'24
asc. node	-367 Jul 08 j 12:21	24°♊12'36	
	-367 Jul 11 j 18:16	0°♋	
morning set	-367 Jul 16 j 18:33	9°♋45'42	
superior conj	-367 Jul 24 j 19:06	25°♋51'19	1°47'12
minimum elong	-367 Jul 24 j 18:48	25°♋49'50	1°47'12
	-367 Jul 26 j 22:02	0°♌	
max. Earth dist.	-367 Jul 30 j 18:25	7°♌18'21	1.37571 AU
evening rise	-367 Aug 03 j 13:54	14°♌14'50	
	-367 Aug 12 j 21:28	0°♍	
desc. node	-367 Aug 17 j 10:00	7°♍04'14	
	-367 Sep 03 j 05:27	0°♎	
evening max el	-367 Sep 08 j 09:53	5°♎36'51	25°17'39
retrograde	-367 Sep 20 j 08:48	12°♎30'52	
evening set	-367 Sep 26 j 05:39	10°♎02'12	
min. Earth dist.	-367 Sep 30 j 16:26	5°♎03'32	0.67061 AU
inferior conj	-367 Oct 01 j 17:17	3°♎42'41	-0°56'51
minimum elong	-367 Oct 01 j 18:42	3°♎38'04	0°56'16
asc. node	-367 Oct 04 j 11:32	0°♎18'17	
	-367 Oct 04 j 18:12	30°℞♍	
morning rise	-367 Oct 07 j 07:52	27°♍43'38	
direct	-367 Oct 10 j 18:28	26°♍35'05	
	-367 Oct 17 j 07:28	0°♎	
morning max el	-367 Oct 18 j 01:43	0°♎44'38	19°35'05
	-367 Nov 07 j 20:34	0°♏	
morning set	-367 Nov 11 j 18:43	6°♏03'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-367 Nov 13 j 09:17	8°♏33'25		
max. Earth dist.	-367 Nov 24 j 13:48	26°♏05'41	1.44381 AU	
	-367 Nov 27 j 00:42	0°♐		
superior conj	-367 Nov 28 j 12:59	2°♐25'12	-1°29'04	
minimum elong	-367 Nov 28 j 04:54	1°♐52'48	1°28'18	
evening rise	-367 Dec 12 j 12:37	25°♐24'26		
	-367 Dec 15 j 06:08	0°♑		
asc. node	-367 Dec 31 j 10:51	24°♑19'21		
evening max el	-367 Dec 31 j 09:08	24°♑14'58	18°21'29	
retrograde	-366 Jan 06 j 21:25	27°♑47'36		
evening set	-366 Jan 09 j 20:32	27°♑00'11		
inferior conj	-366 Jan 15 j 20:38	21°♑33'31	3°44'12	
minimum elong	-366 Jan 15 j 18:58	21°♑38'13	3°44'01	
min. Earth dist.	-366 Jan 18 j 03:39	18°♑58'00	0.63907 AU	
morning rise	-366 Jan 21 j 16:50	15°♑30'18		
direct	-366 Jan 28 j 15:39	12°♑41'15		
desc. node	-366 Feb 09 j 08:29	18°♑39'00		
morning max el	-366 Feb 11 j 07:24	20°♑30'30	27°33'28	
	-366 Feb 19 j 12:27	0°♒		
	-366 Mar 10 j 20:43	0°♓		
morning set	-366 Mar 18 j 04:13	13°♓48'03		
max. Earth dist.	-366 Mar 23 j 05:45	24°♓07'37	1.33339 AU	
superior conj	-366 Mar 26 j 00:41	0°♈01'32	-0°35'10	
minimum elong	-366 Mar 26 j 02:22	0°♈10'30	0°34'48	
	-366 Mar 26 j 00:24	0°♈		
asc. node	-366 Mar 29 j 10:11	7°♈18'33		
evening rise	-366 Apr 02 j 04:38	15°♈20'37		
	-366 Apr 09 j 13:56	0°♉		
evening max el	-366 Apr 24 j 08:14	20°♉53'46	22°44'59	
retrograde	-366 May 07 j 13:11	27°♉25'44		
desc. node	-366 May 08 j 07:42	27°♉24'24		
evening set	-366 May 10 j 18:17	27°♉03'07		
min. Earth dist.	-366 May 18 j 16:53	23°♉34'41	0.55440 AU	
inferior conj	-366 May 20 j 01:23	22°♉48'08	-3°07'28	
minimum elong	-366 May 19 j 18:16	22°♉58'21	3°05'29	
morning rise	-366 May 28 j 20:30	18°♉54'15		
direct	-366 May 31 j 14:54	18°♉36'25		
morning max el	-366 Jun 11 j 18:17	23°♉47'00	20°49'09	
	-366 Jun 17 j 05:07	0°♊		
asc. node	-366 Jun 25 j 09:25	13°♊16'24		
morning set	-366 Jul 01 j 01:11	24°♊26'02		
	-366 Jul 03 j 17:45	0°♋		
superior conj	-366 Jul 08 j 13:51	10°♋01'02	1°41'58	
minimum elong	-366 Jul 08 j 12:10	9°♋52'29	1°41'52	
max. Earth dist.	-366 Jul 13 j 02:46	19°♋08'12	1.35798 AU	
evening rise	-366 Jul 17 j 06:33	27°♋06'52		
	-366 Jul 18 j 19:56	0°♌		
desc. node	-366 Aug 04 j 07:02	27°♌10'08		
	-366 Aug 06 j 05:51	0°♍		
evening max el	-366 Aug 21 j 21:32	19°♍12'43	26°21'59	
retrograde	-366 Sep 03 j 15:11	26°♍23'48		
evening set	-366 Sep 10 j 02:11	23°♍42'35		
min. Earth dist.	-366 Sep 14 j 05:12	19°♍21'02	0.66273 AU	
inferior conj	-366 Sep 15 j 17:45	17°♍29'11	-1°52'42	
minimum elong	-366 Sep 15 j 20:35	17°♍20'30	1°51'35	
asc. node	-366 Sep 21 j 08:36	11°♍50'57		
morning rise	-366 Sep 21 j 15:20	11°♍40'51		
direct	-366 Sep 24 j 16:36	10°♍47'53		
morning max el	-366 Oct 01 j 11:12	14°♍33'51	18°44'50	
	-366 Oct 12 j 18:50	0°♎		
morning set	-366 Oct 22 j 12:36	15°♎23'23		
desc. node	-366 Oct 31 j 06:18	29°♎12'49		
	-366 Oct 31 j 18:17	0°♏		
superior conj	-366 Nov 07 j 16:05	10°♏52'04	-0°47'12	
minimum elong	-366 Nov 07 j 10:04	10°♏28'24	0°46'26	
max. Earth dist.	-366 Nov 07 j 07:35	10°♏18'40	1.44980 AU	
	-366 Nov 19 j 18:18	0°♐		
evening rise	-366 Nov 23 j 09:34	5°♐48'55		
	-366 Dec 08 j 18:58	0°♑		
evening max el	-366 Dec 14 j 20:01	7°♑39'44	18°52'48	
asc. node	-366 Dec 18 j 07:54	10°♑31'15		
retrograde	-366 Dec 21 j 15:17	11°♑30'31		
evening set	-366 Dec 24 j 20:03	10°♑31'42		
inferior conj	-366 Dec 30 j 13:12	4°♑47'46	3°22'01	
minimum elong	-366 Dec 30 j 10:37	4°♑55'47	3°21'30	
min. Earth dist.	-365 Jan 01 j 04:57	2°♑45'04	0.65388 AU	
	-365 Jan 03 j 14:56	30°℞♐		
morning rise	-365 Jan 05 j 00:52	28°♐38'47		
direct	-365 Jan 11 j 15:31	25°♐47'24		
	-365 Jan 20 j 22:43	0°♑		
morning max el	-365 Jan 24 j 17:11	3°♑25'51	26°48'12	
desc. node	-365 Jan 27 j 05:31	6°♑04'56		
	-365 Feb 13 j 20:43	0°♒		
morning set	-365 Mar 01 j 14:05	27°♒15'26		
	-365 Mar 03 j 00:16	0°♓		
max. Earth dist.	-365 Mar 05 j 22:56	5°♓48'42	1.34467 AU	
superior conj	-365 Mar 10 j 02:01	14°♓14'52	-1°01'29	
minimum elong	-365 Mar 10 j 04:54	14°♓29'50	1°00'58	
asc. node	-365 Mar 16 j 07:14	27°♓17'32		
evening rise	-365 Mar 17 j 14:15	29°♓59'18		
	-365 Mar 17 j 14:23	0°♈		
	-365 Apr 04 j 14:00	0°♉		
evening max el	-365 Apr 06 j 06:09	1°♉43'07	21°14'50	
retrograde	-365 Apr 18 j 03:26	7°♉29'12		
evening set	-365 Apr 20 j 11:29	7°♉16'36		
desc. node	-365 Apr 25 j 04:43	5°♉43'40		
inferior conj	-365 Apr 29 j 20:05	3°♉17'00	-1°19'15	
minimum elong	-365 Apr 29 j 16:22	3°♉22'15	1°17'56	
min. Earth dist.	-365 Apr 30 j 05:46	3°♉03'22	0.55003 AU	
	-365 May 06 j 09:54	30°℞♈		
morning rise	-365 May 08 j 21:28	29°♈15'04		
direct	-365 May 12 j 01:15	28°♈53'27		
	-365 May 17 j 11:11	0°♉		
morning max el	-365 May 24 j 18:34	4°♉56'52	22°21'02	
	-365 Jun 10 j 20:37	0°♊		
asc. node	-365 Jun 12 j 06:28	2°♊46'14		
morning set	-365 Jun 15 j 11:18	9°♊18'36		
superior conj	-365 Jun 22 j 16:26	24°♊35'36	1°30'37	
minimum elong	-365 Jun 22 j 14:04	24°♊23'04	1°30'21	
	-365 Jun 25 j 06:25	0°♋		
max. Earth dist.	-365 Jun 25 j 19:59	1°♋10'03	1.34363 AU	
evening rise	-365 Jun 30 j 14:38	10°♋45'37		
	-365 Jul 11 j 05:19	0°♌		
desc. node	-365 Jul 22 j 04:02	16°♌50'12		
	-365 Aug 01 j 17:56	0°♍		
evening max el	-365 Aug 04 j 09:18	2°♍40'58	27°06'49	
retrograde	-365 Aug 17 j 16:21	10°♍00'05		
evening set	-365 Aug 24 j 14:45	7°♍13'52		
min. Earth dist.	-365 Aug 28 j 10:43	3°♍29'30	0.65123 AU	
inferior conj	-365 Aug 30 j 12:04	1°♍10'13	-2°46'52	
minimum elong	-365 Aug 30 j 16:07	0°♍58'44	2°45'28	
	-365 Aug 31 j 13:11	30°℞♌		
morning rise	-365 Sep 05 j 18:10	25°♌35'40		
asc. node	-365 Sep 08 j 05:39	24°♌55'08		
direct	-365 Sep 08 j 12:25	24°♌54'42		
morning max el	-365 Sep 15 j 01:12	28°♌26'22	18°11'05	
	-365 Sep 16 j 11:45	0°♍		
morning set	-365 Oct 03 j 11:01	26°♍07'34		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-365 Oct 05 j 19:17	0°♎	
superior conj	-365 Oct 17 j 19:24	19°♎26'08	0°02'11
minimum elong	-365 Oct 17 j 19:41	19°♎27'15	0°02'09
behind sun begin	-365 Oct 17 j 08:51	18°♎44'09	
behind sun end	-365 Oct 18 j 06:31	20°♎10'17	
desc. node	-365 Oct 18 j 03:20	19°♎57'42	
max. Earth dist.	-365 Oct 21 j 02:19	24°♎38'30	1.44843 AU
	-365 Oct 24 j 12:06	0°♏	
evening rise	-365 Nov 03 j 07:30	15°♏17'43	
	-365 Nov 12 j 19:52	0°♐	
greatest brilliancy	-365 Nov 15 j 20:24	4°♐35'33	-0.7m
evening max el	-365 Nov 28 j 03:04	21°♐06'43	19°40'41
asc. node	-365 Dec 05 j 04:55	25°♐23'54	
retrograde	-365 Dec 05 j 12:17	25°♐24'26	
evening set	-365 Dec 09 j 00:19	24°♐12'38	
inferior conj	-365 Dec 14 j 12:46	18°♐14'21	2°49'01
minimum elong	-365 Dec 14 j 09:57	18°♐23'38	2°48'13
min. Earth dist.	-365 Dec 15 j 14:33	16°♐49'40	0.66483 AU
morning rise	-365 Dec 19 j 19:21	12°♐01'55	
direct	-365 Dec 25 j 21:24	9°♐20'07	
morning max el	-364 Jan 07 j 02:24	16°♐34'54	25°38'51
desc. node	-364 Jan 14 j 02:33	24°♐33'44	
	-364 Jan 18 j 06:43	0°♑	
	-364 Feb 06 j 18:50	0°♒	
morning set	-364 Feb 12 j 08:52	9°♒53'25	
max. Earth dist.	-364 Feb 16 j 04:06	16°♒58'34	1.36041 AU
superior conj	-364 Feb 21 j 19:14	27°♒59'07	-1°25'51
minimum elong	-364 Feb 21 j 22:56	28°♒17'38	1°25'21
	-364 Feb 22 j 19:17	0°♓	
evening rise	-364 Feb 29 j 19:54	14°♓20'04	
asc. node	-364 Mar 02 j 04:15	17°♓03'34	
	-364 Mar 09 j 00:31	0°♈	
evening max el	-364 Mar 18 j 14:57	13°♈07'10	19°59'19
retrograde	-364 Mar 28 j 19:24	18°♈00'05	
evening set	-364 Mar 30 j 22:11	17°♈48'22	
inferior conj	-364 Apr 08 j 18:33	13°♈48'17	0°39'02
minimum elong	-364 Apr 08 j 20:16	13°♈45'42	0°38'26
min. Earth dist.	-364 Apr 10 j 19:56	12°♈33'25	0.55528 AU
desc. node	-364 Apr 11 j 01:45	12°♈24'47	
morning rise	-364 Apr 17 j 16:12	9°♈19'58	
direct	-364 Apr 21 j 16:04	8°♈44'48	
morning max el	-364 May 05 j 11:20	15°♈35'41	24°01'33
	-364 May 16 j 21:22	0°♉	
asc. node	-364 May 29 j 03:30	22°♉34'26	
morning set	-364 May 29 j 23:05	24°♉16'50	
	-364 Jun 01 j 15:31	0°♊	
superior conj	-364 Jun 06 j 00:06	9°♊25'26	1°14'27
minimum elong	-364 Jun 05 j 21:37	9°♊12'00	1°14'04
max. Earth dist.	-364 Jun 07 j 22:17	13°♊33'29	1.33320 AU
evening rise	-364 Jun 13 j 09:50	24°♊57'55	
	-364 Jun 15 j 22:48	0°♋	
	-364 Jul 03 j 17:25	0°♌	
desc. node	-364 Jul 08 j 01:04	5°♌52'39	
evening max el	-364 Jul 16 j 19:55	15°♌49'39	27°25'19
retrograde	-364 Jul 30 j 11:45	23°♌09'57	
evening set	-364 Aug 06 j 16:14	20°♌30'11	
min. Earth dist.	-364 Aug 10 j 07:06	17°♌19'12	0.63606 AU
inferior conj	-364 Aug 12 j 21:39	14°♌39'34	-3°36'25
minimum elong	-364 Aug 13 j 02:20	14°♌27'34	3°35'09
morning rise	-364 Aug 19 j 13:29	9°♌21'58	
direct	-364 Aug 22 j 03:13	8°♌49'40	
asc. node	-364 Aug 25 j 02:41	9°♌33'32	
morning max el	-364 Aug 28 j 16:53	12°♌15'18	17°54'45
	-364 Sep 09 j 18:59	0°♍	
morning set	-364 Sep 14 j 11:16	8°♍06'10	
superior conj	-364 Sep 26 j 18:51	29°♍01'53	0°46'41
minimum elong	-364 Sep 26 j 23:22	29°♍20'30	0°46'05
	-364 Sep 27 j 08:58	0°♎	
max. Earth dist.	-364 Oct 02 j 18:47	8°♎46'23	1.44000 AU
desc. node	-364 Oct 04 j 00:21	10°♎44'24	
evening rise	-364 Oct 12 j 15:10	24°♎13'59	
	-364 Oct 16 j 09:23	0°♏	
	-364 Nov 06 j 05:11	0°♐	
evening max el	-364 Nov 10 j 04:52	4°♐34'38	20°42'54
retrograde	-364 Nov 18 j 09:52	9°♐25'57	
asc. node	-364 Nov 21 j 01:56	8°♐45'25	
evening set	-364 Nov 22 j 07:14	7°♐59'09	
inferior conj	-364 Nov 27 j 16:50	1°♐49'48	2°08'01
minimum elong	-364 Nov 27 j 14:20	1°♐58'22	2°07'08
min. Earth dist.	-364 Nov 28 j 06:14	1°♐04'07	0.67206 AU
	-364 Nov 29 j 01:14	30°℞♏	
morning rise	-364 Dec 02 j 21:13	25°♏36'07	
direct	-364 Dec 08 j 08:33	23°♏12'01	
morning max el	-364 Dec 19 j 10:43	29°♏49'08	24°15'16
	-364 Dec 19 j 15:01	0°♐	
desc. node	-364 Dec 30 j 23:36	13°♐47'12	
	-363 Jan 11 j 03:52	0°♑	
morning set	-363 Jan 24 j 06:46	21°♑25'45	
max. Earth dist.	-363 Jan 28 j 00:25	28°♑01'50	1.37988 AU
	-363 Jan 29 j 02:33	0°♒	
superior conj	-363 Feb 04 j 00:58	11°♒05'18	-1°46'00
minimum elong	-363 Feb 04 j 04:35	11°♒22'39	1°45'42
evening rise	-363 Feb 12 j 19:12	28°♒16'15	
	-363 Feb 13 j 16:16	0°♓	
asc. node	-363 Feb 17 j 01:17	6°♓31'26	
evening max el	-363 Mar 01 j 10:44	25°♓09'51	19°02'38
retrograde	-363 Mar 10 j 00:49	29°♓17'57	
evening set	-363 Mar 12 j 07:12	29°♓01'54	
inferior conj	-363 Mar 20 j 09:03	24°♓48'06	2°15'49
minimum elong	-363 Mar 20 j 13:25	24°♓40'29	2°14'35
min. Earth dist.	-363 Mar 23 j 11:46	22°♓38'48	0.56895 AU
morning rise	-363 Mar 28 j 16:38	19°♓47'08	
desc. node	-363 Mar 28 j 22:47	19°♓41'12	
direct	-363 Apr 02 j 19:51	18°♓44'51	
morning max el	-363 Apr 17 j 02:07	26°♓07'09	25°37'24
	-363 Apr 20 j 18:09	0°♈	
	-363 May 09 j 21:46	0°♉	
morning set	-363 May 14 j 10:53	9°♉15'25	
asc. node	-363 May 16 j 00:34	12°♉35'30	
superior conj	-363 May 21 j 10:45	24°♉23'31	0°54'32
minimum elong	-363 May 21 j 08:38	24°♉11'56	0°54'08
max. Earth dist.	-363 May 22 j 07:34	26°♉17'13	1.32666 AU
	-363 May 24 j 00:34	0°♊	
evening rise	-363 May 28 j 12:47	9°♊33'20	
	-363 Jun 08 j 06:52	0°♋	
desc. node	-363 Jun 24 j 22:05	24°♋01'33	
evening max el	-363 Jun 29 j 03:13	28°♋26'30	27°12'16
	-363 Jun 30 j 20:26	0°♌	
retrograde	-363 Jul 13 j 00:24	5°♌44'02	
evening set	-363 Jul 20 j 02:40	3°♌24'24	
min. Earth dist.	-363 Jul 23 j 17:19	0°♌37'31	0.61770 AU
	-363 Jul 24 j 10:19	30°℞♋	
inferior conj	-363 Jul 26 j 19:26	27°♋49'57	-4°16'42
minimum elong	-363 Jul 26 j 23:33	27°♋40'34	4°16'00
morning rise	-363 Aug 02 j 21:55	22°♋52'14	
direct	-363 Aug 05 j 09:38	22°♋25'50	
asc. node	-363 Aug 11 j 23:45	25°♋35'34	
morning max el	-363 Aug 12 j 07:22	25°♋53'48	17°56'50

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-363 Aug 15 j 19:16	0°♌	
morning set	-363 Aug 28 j 07:21	21°♌01'54	
	-363 Sep 02 j 06:06	0°♍	
superior conj	-363 Sep 07 j 21:43	9°♍58'43	1°19'12
minimum elong	-363 Sep 08 j 02:32	10°♍19'33	1°18'41
max. Earth dist.	-363 Sep 15 j 07:12	22°♍27'56	1.42560 AU
	-363 Sep 19 j 22:48	0°♎	
desc. node	-363 Sep 20 j 21:23	1°♎29'55	
evening rise	-363 Sep 22 j 01:56	3°♎22'46	
	-363 Oct 09 j 20:04	0°♏	
evening max el	-363 Oct 24 j 00:57	18°♏03'28	21°56'00
retrograde	-363 Nov 02 j 06:11	23°♏32'16	
evening set	-363 Nov 06 j 14:59	21°♏48'30	
asc. node	-363 Nov 07 j 22:58	20°♏35'00	
inferior conj	-363 Nov 11 j 23:19	15°♏31'29	1°20'59
minimum elong	-363 Nov 11 j 21:33	15°♏37'35	1°20'17
min. Earth dist.	-363 Nov 12 j 01:33	15°♏23'44	0.67585 AU
morning rise	-363 Nov 17 j 03:58	9°♏18'46	
direct	-363 Nov 22 j 00:08	7°♏16'34	
morning max el	-363 Dec 01 j 20:38	13°♏07'32	22°47'27
	-363 Dec 15 j 08:48	0°♐	
desc. node	-363 Dec 17 j 20:37	3°♐32'13	
	-362 Jan 04 j 02:09	0°♑	
morning set	-362 Jan 05 j 01:30	1°♑35'52	
max. Earth dist.	-362 Jan 09 j 20:00	9°♑36'34	1.40116 AU
superior conj	-362 Jan 17 j 14:40	23°♑20'51	-1°58'52
minimum elong	-362 Jan 17 j 16:39	23°♑29'52	1°58'48
	-362 Jan 21 j 05:12	0°♒	
evening rise	-362 Jan 27 j 09:10	11°♒39'38	
asc. node	-362 Feb 03 j 22:19	25°♒33'56	
	-362 Feb 06 j 14:58	0°♓	
evening max el	-362 Feb 12 j 14:58	7°♓43'39	18°25'50
retrograde	-362 Feb 20 j 01:07	11°♓23'00	
evening set	-362 Feb 22 j 12:39	10°♓59'45	
inferior conj	-362 Mar 01 j 20:20	6°♓25'43	3°17'38
minimum elong	-362 Mar 01 j 23:54	6°♓18'24	3°16'59
min. Earth dist.	-362 Mar 05 j 06:42	3°♓39'19	0.58804 AU
morning rise	-362 Mar 09 j 08:42	0°♓57'14	
	-362 Mar 11 j 12:52	30°♓♒	
direct	-362 Mar 15 j 12:36	29°♒18'15	
desc. node	-362 Mar 15 j 19:49	29°♒18'29	
	-362 Mar 19 j 14:24	0°♓	
morning max el	-362 Mar 29 j 20:25	6°♓57'37	26°53'36
	-362 Apr 16 j 01:38	0°♈	
morning set	-362 Apr 28 j 21:02	24°♈07'40	
	-362 May 01 j 15:22	0°♉	
asc. node	-362 May 02 j 21:38	2°♉43'45	
superior conj	-362 May 05 j 22:29	9°♉22'31	0°31'39
minimum elong	-362 May 05 j 21:08	9°♉15'03	0°31'22
max. Earth dist.	-362 May 05 j 20:15	9°♉10'15	1.32373 AU
evening rise	-362 May 12 j 20:46	24°♉22'02	
	-362 May 15 j 14:24	0°♊	
	-362 Jun 02 j 07:06	0°♋	
evening max el	-362 Jun 11 j 04:33	10°♋20'16	26°26'16
desc. node	-362 Jun 11 j 19:06	10°♋54'22	
retrograde	-362 Jun 25 j 04:47	17°♋34'24	
evening set	-362 Jul 01 j 17:30	15°♋47'29	
min. Earth dist.	-362 Jul 05 j 17:40	13°♋09'42	0.59734 AU
inferior conj	-362 Jul 09 j 01:50	10°♋31'56	-4°40'26
minimum elong	-362 Jul 09 j 03:32	10°♋28'33	4°40'21
morning rise	-362 Jul 16 j 15:36	5°♋56'32	
direct	-362 Jul 19 j 03:29	5°♋34'07	
morning max el	-362 Jul 26 j 17:42	9°♋14'00	18°18'31
asc. node	-362 Jul 29 j 20:49	12°♋46'00	

	-362 Aug 09 j 06:38	0°♌	
morning set	-362 Aug 11 j 17:49	4°♌39'41	
superior conj	-362 Aug 21 j 01:26	22°♌09'36	1°38'39
minimum elong	-362 Aug 21 j 04:25	22°♌23'11	1°38'28
	-362 Aug 25 j 10:19	0°♍	
max. Earth dist.	-362 Aug 28 j 14:24	5°♍30'15	1.40708 AU
evening rise	-362 Sep 02 j 07:36	13°♍24'57	
desc. node	-362 Sep 07 j 18:26	22°♍10'43	
	-362 Sep 12 j 20:14	0°♎	
	-362 Oct 05 j 03:49	0°♏	
evening max el	-362 Oct 06 j 16:04	1°♏34'17	23°15'17
retrograde	-362 Oct 16 j 23:50	7°♏40'57	
evening set	-362 Oct 21 j 21:54	5°♏39'00	
asc. node	-362 Oct 25 j 20:01	1°♏14'54	
	-362 Oct 26 j 18:08	30°℞♎	
inferior conj	-362 Oct 27 j 06:24	29°♎17'52	0°29'35
minimum elong	-362 Oct 27 j 05:43	29°♎20'16	0°29'16
min. Earth dist.	-362 Oct 26 j 22:09	29°♎46'13	0.67635 AU
morning rise	-362 Nov 01 j 13:26	23°♎08'30	
direct	-362 Nov 05 j 19:10	21°♎28'53	
morning max el	-362 Nov 14 j 11:47	26°♎34'30	21°24'03
	-362 Nov 17 j 14:30	0°♏	
desc. node	-362 Dec 04 j 17:41	23°♏40'17	
	-362 Dec 08 j 22:18	0°♐	
morning set	-362 Dec 15 j 15:39	10°♐25'49	
max. Earth dist.	-362 Dec 22 j 21:42	22°♐06'40	1.42122 AU
	-362 Dec 27 j 15:04	0°♑	
superior conj	-362 Dec 30 j 07:01	4°♑33'31	-2°00'17
minimum elong	-362 Dec 30 j 05:18	4°♑26'04	2°00'15
evening rise	-361 Jan 10 j 10:19	24°♑23'20	
	-361 Jan 13 j 12:32	0°♒	
asc. node	-361 Jan 21 j 19:22	14°♒03'27	
evening max el	-361 Jan 27 j 00:41	20°♒40'54	18°08'54
retrograde	-361 Feb 02 j 18:42	24°♒07'29	
evening set	-361 Feb 05 j 10:39	23°♒35'40	
inferior conj	-361 Feb 12 j 03:22	18°♒40'15	3°46'40
minimum elong	-361 Feb 12 j 04:43	18°♒37'04	3°46'34
min. Earth dist.	-361 Feb 15 j 08:01	15°♒40'41	0.60900 AU
morning rise	-361 Feb 18 j 21:10	12°♒52'52	
direct	-361 Feb 25 j 16:27	10°♒37'43	
desc. node	-361 Mar 02 j 16:52	11°♒44'45	
morning max el	-361 Mar 11 j 21:07	18°♒26'20	27°38'00
	-361 Mar 21 j 14:45	0°♓	
	-361 Apr 08 j 18:08	0°♈	
morning set	-361 Apr 13 j 03:41	8°♈47'16	
max. Earth dist.	-361 Apr 19 j 08:27	21°♈59'02	1.32436 AU
asc. node	-361 Apr 19 j 18:42	22°♈54'54	
superior conj	-361 Apr 20 j 09:40	24°♈16'46	0°06'37
minimum elong	-361 Apr 20 j 09:22	24°♈15'07	0°06'34
behind sun begin	-361 Apr 20 j 04:45	23°♈49'48	
behind sun end	-361 Apr 20 j 14:00	24°♈40'27	
	-361 Apr 23 j 00:24	0°♉	
evening rise	-361 Apr 27 j 07:36	9°♉16'23	
	-361 May 08 j 01:19	0°♊	
evening max el	-361 May 23 j 22:55	21°♊29'05	25°11'45
desc. node	-361 May 29 j 16:08	26°♊00'25	
retrograde	-361 Jun 06 j 23:23	28°♊37'42	
evening set	-361 Jun 12 j 09:28	27°♊29'41	
min. Earth dist.	-361 Jun 17 j 10:37	24°♊43'08	0.57726 AU
inferior conj	-361 Jun 20 j 13:25	22°♊35'39	-4°36'48
minimum elong	-361 Jun 20 j 10:49	22°♊40'06	4°36'36
morning rise	-361 Jun 28 j 14:53	18°♊22'23	
direct	-361 Jul 01 j 04:14	18°♊02'53	
morning max el	-361 Jul 09 j 20:54	22°♊07'05	19°00'45

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-361 Jul 16 j 04:56	0°♋		
asc. node	-361 Jul 16 j 17:54	0°♋50'07		
morning set	-361 Jul 26 j 14:26	18°♋48'00		
	-361 Aug 01 j 06:39	0°♌		
superior conj	-361 Aug 04 j 00:18	5°♌18'18	1°46'46	
minimum elong	-361 Aug 04 j 01:05	5°♌22'03	1°46'46	
max. Earth dist.	-361 Aug 10 j 17:33	17°♌48'52	1.38693 AU	
evening rise	-361 Aug 14 j 14:06	24°♌37'16		
	-361 Aug 17 j 17:57	0°♍		
desc. node	-361 Aug 25 j 15:28	12°♍42'15		
	-361 Sep 06 j 13:23	0°♎		
evening max el	-361 Sep 19 j 04:07	15°♎07'37	24°34'41	
retrograde	-361 Sep 30 j 13:49	21°♎47'28		
evening set	-361 Oct 06 j 02:17	19°♎27'42		
min. Earth dist.	-361 Oct 10 j 17:38	14°♎08'46	0.67364 AU	
inferior conj	-361 Oct 11 j 12:21	13°♎06'17	-0°24'49	
minimum elong	-361 Oct 11 j 12:57	13°♎04'15	0°24'33	
asc. node	-361 Oct 12 j 17:05	11°♎31'29		
morning rise	-361 Oct 16 j 23:41	7°♎02'45		
direct	-361 Oct 20 j 16:35	5°♎43'55		
morning max el	-361 Oct 28 j 10:19	10°♎11'25	20°10'55	
	-361 Nov 12 j 07:36	0°♏		
desc. node	-361 Nov 21 j 14:44	14°♏04'12		
morning set	-361 Nov 24 j 12:48	18°♏34'08		
	-361 Dec 01 j 20:19	0°♐		
max. Earth dist.	-361 Dec 05 j 06:45	5°♐27'51	1.43723 AU	
superior conj	-361 Dec 10 j 21:10	14°♐32'24	-1°45'46	
minimum elong	-361 Dec 10 j 14:43	14°♐05'55	1°45'19	
	-361 Dec 20 j 02:25	0°♑		
evening rise	-361 Dec 23 j 18:19	6°♑18'24		
	-360 Jan 07 j 06:01	0°♒		
asc. node	-360 Jan 08 j 16:23	1°♒49'53		
evening max el	-360 Jan 10 j 12:57	3°♒53'49	18°11'29	
retrograde	-360 Jan 17 j 00:58	7°♒21'08		
evening set	-360 Jan 19 j 21:13	6°♒39'50		
inferior conj	-360 Jan 26 j 02:29	1°♒24'10	3°50'32	
minimum elong	-360 Jan 26 j 01:44	1°♒26'12	3°50'30	
	-360 Jan 27 j 09:50	30°℞♑		
min. Earth dist.	-360 Jan 28 j 18:18	28°♑34'28	0.62887 AU	
morning rise	-360 Feb 01 j 05:20	25°♑25'08		
direct	-360 Feb 08 j 05:26	22°♑44'02		
desc. node	-360 Feb 17 j 13:55	26°♑35'30		
	-360 Feb 21 j 12:37	0°♒		
morning max el	-360 Feb 22 j 03:23	0°♒36'07	27°45'27	
	-360 Mar 14 j 16:01	0°♓		
morning set	-360 Mar 27 j 04:39	23°♓06'57		
	-360 Mar 30 j 13:04	0°♈		
max. Earth dist.	-360 Apr 01 j 16:08	4°♈29'44	1.32881 AU	
superior conj	-360 Apr 03 j 18:37	9°♈00'40	-0°19'46	
minimum elong	-360 Apr 03 j 19:33	9°♈05'44	0°19'33	
asc. node	-360 Apr 05 j 15:45	13°♈04'56		
evening rise	-360 Apr 10 j 19:25	24°♈09'58		
	-360 Apr 13 j 14:54	0°♉		
	-360 May 02 j 11:23	0°♊		
evening max el	-360 May 04 j 13:33	2°♊08'42	23°40'00	
desc. node	-360 May 15 j 13:09	8°♊43'25		
retrograde	-360 May 18 j 06:15	9°♊00'12		
evening set	-360 May 22 j 05:30	8°♊25'25		
min. Earth dist.	-360 May 29 j 00:14	5°♊15'25	0.56075 AU	
inferior conj	-360 May 31 j 04:54	3°♊56'04	-3°53'21	
minimum elong	-360 May 30 j 22:18	4°♊06'03	3°51'57	
morning rise	-360 Jun 08 j 17:59	29°♉58'39		
	-360 Jun 08 j 15:32	30°℞♉		
direct	-360 Jun 11 j 09:32	29°♉41'00		
	-360 Jun 14 j 01:42	0°♊		
morning max el	-360 Jun 21 j 14:22	4°♊24'08	20°03'53	
asc. node	-360 Jul 02 j 14:59	19°♊35'33		
	-360 Jul 08 j 02:36	0°♋		
morning set	-360 Jul 09 j 18:09	3°♋19'00		
superior conj	-360 Jul 17 j 13:04	19°♋10'03	1°45'50	
minimum elong	-360 Jul 17 j 12:06	19°♋05'13	1°45'49	
max. Earth dist.	-360 Jul 22 j 21:57	29°♋40'43	1.36775 AU	
	-360 Jul 23 j 02:00	0°♌		
evening rise	-360 Jul 26 j 19:42	6°♌57'13		
	-360 Aug 09 j 13:18	0°♍		
desc. node	-360 Aug 11 j 12:29	2°♍59'42		
evening max el	-360 Aug 31 j 15:30	28°♍44'01	25°46'49	
	-360 Sep 01 j 23:40	0°♎		
retrograde	-360 Sep 12 j 23:20	5°♎47'20		
evening set	-360 Sep 19 j 02:18	3°♎12'32		
	-360 Sep 22 j 04:14	30°℞♍		
min. Earth dist.	-360 Sep 23 j 09:39	28°♍29'24	0.66770 AU	
inferior conj	-360 Sep 24 j 15:23	26°♍54'51	-1°20'37	
minimum elong	-360 Sep 24 j 17:25	26°♍48'23	1°19'46	
asc. node	-360 Sep 28 j 14:08	22°♍23'10		
morning rise	-360 Sep 30 j 08:46	20°♍59'55		
direct	-360 Oct 03 j 15:00	19°♍58'36		
morning max el	-360 Oct 10 j 16:13	23°♍57'19	19°11'39	
	-360 Oct 15 j 17:02	0°♎		
morning set	-360 Nov 02 j 17:10	27°♎11'23		
	-360 Nov 04 j 12:20	0°♏		
desc. node	-360 Nov 07 j 11:45	4°♏39'11		
max. Earth dist.	-360 Nov 16 j 21:37	19°♏25'22	1.44726 AU	
superior conj	-360 Nov 19 j 09:56	23°♏23'46	-1°12'59	
minimum elong	-360 Nov 19 j 01:54	22°♏51'58	1°12'05	
	-360 Nov 23 j 13:28	0°♐		
evening rise	-360 Dec 04 j 04:53	17°♐16'58		
	-360 Dec 11 j 22:27	0°♑		
evening max el	-360 Dec 24 j 01:05	17°♑16'05	18°32'43	
asc. node	-360 Dec 25 j 13:25	18°♑40'41		
retrograde	-360 Dec 30 j 15:33	20°♑55'19		
evening set	-359 Jan 02 j 16:50	20°♑03'24		
inferior conj	-359 Jan 08 j 13:42	14°♑29'20	3°36'18	
minimum elong	-359 Jan 08 j 11:33	14°♑35'40	3°35'59	
min. Earth dist.	-359 Jan 10 j 14:16	12°♑06'23	0.64585 AU	
morning rise	-359 Jan 14 j 05:48	8°♑23'13		
direct	-359 Jan 21 j 01:55	5°♑31'07		
desc. node	-359 Feb 03 j 10:57	13°♑14'07		
morning max el	-359 Feb 03 j 12:28	13°♑17'56	27°17'38	
	-359 Feb 17 j 00:33	0°♒		
	-359 Mar 07 j 05:39	0°♓		
morning set	-359 Mar 10 j 21:01	6°♓56'37		
max. Earth dist.	-359 Mar 15 j 15:13	16°♓29'24	1.33755 AU	
superior conj	-359 Mar 18 j 23:20	23°♓27'19	-0°46'28	
minimum elong	-359 Mar 19 j 01:33	23°♓39'01	0°46'02	
	-359 Mar 22 j 01:15	0°♈		
asc. node	-359 Mar 23 j 12:46	3°♈09'11		
evening rise	-359 Mar 26 j 06:20	8°♈55'49		
	-359 Apr 06 j 10:08	0°♉		
evening max el	-359 Apr 16 j 07:02	12°♉46'47	22°05'27	
retrograde	-359 Apr 29 j 00:36	19°♉00'58		
evening set	-359 May 01 j 18:25	18°♉44'19		
desc. node	-359 May 02 j 10:10	18°♉35'35		
min. Earth dist.	-359 May 10 j 13:10	14°♉58'58	0.55132 AU	
inferior conj	-359 May 11 j 04:09	14°♉37'54	-2°25'02	
minimum elong	-359 May 10 j 21:52	14°♉46'44	2°23'03	
morning rise	-359 May 20 j 02:44	10°♉42'37		
direct	-359 May 22 j 23:57	10°♉23'57		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-359 Jun 03 j 20:34	15°♉57'34	21°26'30
	-359 Jun 14 j 14:02	0°♊	
asc. node	-359 Jun 19 j 12:02	8°♊51'15	
morning set	-359 Jun 24 j 02:29	18°♊04'58	
	-359 Jun 29 j 19:00	0°♋	
superior conj	-359 Jul 01 j 11:30	3°♋31'20	1°37'49
minimum elong	-359 Jul 01 j 09:27	3°♋20'42	1°37'39
max. Earth dist.	-359 Jul 05 j 09:34	11°♋32'26	1.35140 AU
evening rise	-359 Jul 09 j 19:30	20°♋10'59	
	-359 Jul 15 j 03:29	0°♌	
desc. node	-359 Jul 29 j 09:31	22°♌55'46	
	-359 Aug 03 j 12:12	0°♍	
evening max el	-359 Aug 14 j 03:24	12°♍18'28	26°43'55
retrograde	-359 Aug 27 j 03:38	19°♍34'05	
evening set	-359 Sep 02 j 19:47	16°♍49'54	
min. Earth dist.	-359 Sep 06 j 19:45	12°♍44'00	0.65828 AU
inferior conj	-359 Sep 08 j 13:32	10°♍40'03	-2°16'02
minimum elong	-359 Sep 08 j 16:56	10°♍29'58	2°14'45
morning rise	-359 Sep 14 j 14:33	4°♍56'53	
asc. node	-359 Sep 15 j 11:11	4°♍33'05	
direct	-359 Sep 17 j 12:30	4°♍09'25	
morning max el	-359 Sep 24 j 03:51	7°♍48'29	18°28'18
	-359 Oct 09 j 13:13	0°♎	
morning set	-359 Oct 13 j 23:04	7°♎07'23	
desc. node	-359 Oct 25 j 08:48	25°♎21'37	
	-359 Oct 28 j 07:18	0°♏	
superior conj	-359 Oct 29 j 10:21	1°♏46'33	-0°26'25
minimum elong	-359 Oct 29 j 06:52	1°♏32'51	0°25'57
max. Earth dist.	-359 Oct 30 j 15:59	3°♏43'06	1.45017 AU
evening rise	-359 Nov 14 j 15:36	27°♏16'45	
	-359 Nov 16 j 08:58	0°♐	
greatest brilliancy	-359 Nov 24 j 09:31	12°♐37'16	-0.8m
	-359 Dec 06 j 18:26	0°♑	
evening max el	-359 Dec 07 j 10:40	0°♑43'07	19°11'19
asc. node	-359 Dec 12 j 10:26	4°♑21'22	
retrograde	-359 Dec 14 j 10:59	4°♑44'01	
evening set	-359 Dec 17 j 18:40	3°♑39'53	
	-359 Dec 21 j 15:33	30°℞♐	
inferior conj	-359 Dec 23 j 09:36	27°♐49'44	3°09'07
minimum elong	-359 Dec 23 j 06:50	27°♐58'32	3°08'28
min. Earth dist.	-359 Dec 24 j 19:16	26°♐02'47	0.65907 AU
morning rise	-359 Dec 28 j 18:44	21°♐39'15	
direct	-358 Jan 04 j 04:35	18°♐50'28	
morning max el	-358 Jan 16 j 21:56	26°♐20'06	26°21'00
	-358 Jan 20 j 07:49	0°♑	
desc. node	-358 Jan 21 j 07:58	1°♑09'48	
	-358 Feb 10 j 14:14	0°♒	
morning set	-358 Feb 22 j 01:03	20°♒04'59	
max. Earth dist.	-358 Feb 26 j 03:05	27°♒55'19	1.35086 AU
	-358 Feb 27 j 04:22	0°♓	
superior conj	-358 Mar 02 j 21:35	7°♓29'52	-1°12'10
minimum elong	-358 Mar 03 j 00:53	7°♓46'45	1°11'39
asc. node	-358 Mar 10 j 09:47	23°♓03'34	
evening rise	-358 Mar 10 j 14:32	23°♓28'01	
	-358 Mar 13 j 20:02	0°♈	
evening max el	-358 Mar 29 j 09:26	23°♈49'58	20°40'35
retrograde	-358 Apr 09 j 13:23	29°♈12'38	
evening set	-358 Apr 11 j 17:48	29°♈01'07	
desc. node	-358 Apr 19 j 07:10	25°♈59'33	
inferior conj	-358 Apr 20 j 22:33	25°♈03'38	-0°28'11
minimum elong	-358 Apr 20 j 21:13	25°♈05'32	0°27'42
min. Earth dist.	-358 Apr 22 j 02:24	24°♈23'38	0.55117 AU
morning rise	-358 Apr 29 j 23:45	20°♈52'21	
direct	-358 May 03 j 11:08	20°♈26'15	
morning max el	-358 May 16 j 16:52	26°♈51'04	23°03'23
	-358 May 19 j 17:52	0°♉	
asc. node	-358 Jun 06 j 09:04	28°♉29'29	
	-358 Jun 07 j 02:46	0°♊	
morning set	-358 Jun 08 j 13:30	3°♊00'17	
superior conj	-358 Jun 15 j 16:30	18°♊12'46	1°24'16
minimum elong	-358 Jun 15 j 14:00	17°♊59'28	1°23'57
max. Earth dist.	-358 Jun 18 j 06:59	23°♊43'28	1.33876 AU
	-358 Jun 21 j 07:53	0°♋	
evening rise	-358 Jun 23 j 08:46	4°♋05'08	
	-358 Jul 07 j 21:28	0°♌	
desc. node	-358 Jul 16 j 06:32	12°♌21'10	
evening max el	-358 Jul 27 j 15:08	25°♌40'29	27°18'20
	-358 Aug 01 j 21:15	0°♍	
retrograde	-358 Aug 10 j 02:12	2°♍59'51	
evening set	-358 Aug 17 j 04:01	0°♍15'07	
	-358 Aug 17 j 11:39	30°℞♌	
min. Earth dist.	-358 Aug 20 j 21:35	26°♌45'34	0.64522 AU
inferior conj	-358 Aug 23 j 04:28	24°♌16'50	-3°08'41
minimum elong	-358 Aug 23 j 08:53	24°♌04'49	3°07'18
morning rise	-358 Aug 29 j 14:33	18°♌48'55	
direct	-358 Sep 01 j 06:41	18°♌11'51	
asc. node	-358 Sep 02 j 08:15	18°♌17'48	
morning max el	-358 Sep 07 j 18:51	21°♌39'47	18°01'58
	-358 Sep 14 j 04:47	0°♍	
morning set	-358 Sep 25 j 09:13	18°♍25'51	
	-358 Oct 02 j 07:06	0°♎	
superior conj	-358 Oct 08 j 20:23	10°♎41'45	0°22'15
minimum elong	-358 Oct 08 j 22:58	10°♎52'08	0°21'54
desc. node	-358 Oct 12 j 05:50	16°♎07'44	
max. Earth dist.	-358 Oct 13 j 10:42	18°♎02'24	1.44571 AU
	-358 Oct 21 j 01:38	0°♏	
evening rise	-358 Oct 25 j 05:52	6°♏28'09	
greatest brilliancy	-358 Nov 08 j 05:20	27°♏42'44	-0.6m
	-358 Nov 09 j 18:41	0°♐	
evening max el	-358 Nov 20 j 15:42	14°♐11'12	20°05'32
retrograde	-358 Nov 28 j 08:27	18°♐42'04	
asc. node	-358 Nov 29 j 07:29	18°♐36'49	
evening set	-358 Dec 02 j 00:19	17°♐23'56	
inferior conj	-358 Dec 07 j 11:21	11°♐20'30	2°32'27
minimum elong	-358 Dec 07 j 08:36	11°♐29'42	2°31'36
min. Earth dist.	-358 Dec 08 j 07:36	10°♐12'44	0.66841 AU
morning rise	-358 Dec 12 j 16:42	5°♐07'31	
direct	-358 Dec 18 j 12:40	2°♐32'44	
morning max el	-358 Dec 30 j 06:39	9°♐32'07	25°04'25
desc. node	-357 Jan 08 j 05:00	19°♐59'29	
	-357 Jan 15 j 11:32	0°♑	
	-357 Feb 03 j 04:54	0°♒	
morning set	-357 Feb 04 j 11:41	2°♒16'43	
max. Earth dist.	-357 Feb 08 j 04:07	8°♒59'45	1.36843 AU
superior conj	-357 Feb 14 j 10:22	20°♒59'07	-1°35'05
minimum elong	-357 Feb 14 j 14:10	21°♒17'51	1°34'38
	-357 Feb 18 j 22:44	0°♓	
evening rise	-357 Feb 22 j 17:47	7°♓39'17	
asc. node	-357 Feb 25 j 06:49	12°♓42'40	
	-357 Mar 07 j 07:10	0°♈	
evening max el	-357 Mar 11 j 22:59	5°♈30'03	19°32'40
retrograde	-357 Mar 21 j 10:02	10°♈02'24	
evening set	-357 Mar 23 j 13:55	9°♈49'14	
inferior conj	-357 Apr 01 j 02:38	5°♈44'04	1°24'02
minimum elong	-357 Apr 01 j 05:57	5°♈38'44	1°22'58
min. Earth dist.	-357 Apr 03 j 16:46	4°♈04'55	0.56026 AU
desc. node	-357 Apr 06 j 04:11	2°♈38'03	
morning rise	-357 Apr 09 j 19:23	1°♈02'09	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-357 Apr 14 j 06:30	0°♈17'19	
morning max el	-357 Apr 28 j 07:59	7°♈22'51	24°43'57
	-357 May 14 j 19:43	0°♉	
morning set	-357 May 24 j 01:30	17°♉59'32	
asc. node	-357 May 24 j 06:08	18°♉23'56	
	-357 May 29 j 15:19	0°♊	
superior conj	-357 May 31 j 01:39	3°♊06'47	1°06'24
minimum elong	-357 May 30 j 23:16	2°♊53'49	1°06'00
max. Earth dist.	-357 Jun 01 j 12:50	6°♊17'18	1.32994 AU
evening rise	-357 Jun 07 j 07:36	18°♊28'16	
	-357 Jun 13 j 05:06	0°♋	
	-357 Jul 02 j 07:19	0°♌	
desc. node	-357 Jul 03 j 03:32	1°♌03'11	
evening max el	-357 Jul 10 j 00:37	8°♌37'06	27°23'49
retrograde	-357 Jul 23 j 18:39	15°♌56'09	
evening set	-357 Jul 30 j 23:39	13°♌23'01	
min. Earth dist.	-357 Aug 03 j 13:31	10°♌24'07	0.62858 AU
inferior conj	-357 Aug 06 j 09:27	7°♌39'17	-3°54'59
minimum elong	-357 Aug 06 j 14:05	7°♌27'59	3°53'56
morning rise	-357 Aug 13 j 05:45	2°♌29'59	
direct	-357 Aug 15 j 18:25	2°♌00'24	
asc. node	-357 Aug 20 j 05:19	3°♌33'51	
morning max el	-357 Aug 22 j 10:26	5°♌25'36	17°53'27
	-357 Sep 07 j 07:07	0°♍	
morning set	-357 Sep 07 j 18:41	0°♍51'15	
superior conj	-357 Sep 19 j 07:27	20°♍52'25	1°02'06
minimum elong	-357 Sep 19 j 12:30	21°♍13'37	1°01'29
	-357 Sep 24 j 19:49	0°♎	
max. Earth dist.	-357 Sep 26 j 02:09	2°♎03'02	1.43448 AU
desc. node	-357 Sep 29 j 02:53	6°♎54'43	
evening rise	-357 Oct 04 j 12:38	15°♎24'23	
	-357 Oct 14 j 02:48	0°♏	
evening max el	-357 Nov 03 j 15:01	27°♏39'32	21°12'46
	-357 Nov 06 j 03:27	0°♐	
retrograde	-357 Nov 12 j 05:50	2°♐46'42	
evening set	-357 Nov 16 j 07:51	1°♐12'41	
asc. node	-357 Nov 16 j 04:31	1°♐19'02	
	-357 Nov 17 j 16:19	30°℞♏	
inferior conj	-357 Nov 21 j 16:43	24°♏59'22	1°48'44
minimum elong	-357 Nov 21 j 14:29	25°♏07'05	1°47'52
min. Earth dist.	-357 Nov 22 j 01:09	24°♏30'20	0.67411 AU
morning rise	-357 Nov 26 j 20:56	18°♏45'50	
direct	-357 Dec 02 j 01:40	16°♏31'03	
morning max el	-357 Dec 12 j 15:30	22°♏49'07	23°37'53
	-357 Dec 18 j 22:44	0°♐	
desc. node	-357 Dec 26 j 02:05	9°♐27'55	
	-356 Jan 08 j 20:27	0°♑	
morning set	-356 Jan 16 j 22:44	13°♑15'58	
max. Earth dist.	-356 Jan 20 j 23:23	20°♑13'27	1.38895 AU
	-356 Jan 26 j 09:30	0°♒	
superior conj	-356 Jan 28 j 09:52	3°♒45'08	-1°52'36
minimum elong	-356 Jan 28 j 13:02	3°♒59'58	1°52'22
evening rise	-356 Feb 06 j 13:33	21°♒22'46	
	-356 Feb 11 j 01:40	0°♓	
asc. node	-356 Feb 12 j 03:51	2°♓00'47	
evening max el	-356 Feb 22 j 22:37	17°♓46'34	18°44'25
retrograde	-356 Mar 01 j 23:38	21°♓40'49	
evening set	-356 Mar 04 j 08:01	21°♓22'05	
inferior conj	-356 Mar 12 j 01:51	16°♓59'57	2°46'28
minimum elong	-356 Mar 12 j 06:12	16°♓51'50	2°45'25
min. Earth dist.	-356 Mar 15 j 09:46	14°♓32'04	0.57660 AU
morning rise	-356 Mar 20 j 01:27	11°♓45'50	
desc. node	-356 Mar 23 j 01:13	10°♓45'37	
direct	-356 Mar 25 j 15:43	10°♓28'45	
morning max el	-356 Apr 08 j 23:57	18°♓00'12	26°13'13
	-356 Apr 18 j 23:27	0°♈	
	-356 May 06 j 02:54	0°♉	
morning set	-356 May 07 j 12:48	2°♉56'21	
asc. node	-356 May 10 j 03:10	8°♉28'43	
superior conj	-356 May 14 j 12:58	18°♉06'07	0°45'07
minimum elong	-356 May 14 j 11:08	17°♉56'02	0°44'46
max. Earth dist.	-356 May 14 j 23:55	19°♉06'05	1.32489 AU
	-356 May 20 j 00:47	0°♊	
evening rise	-356 May 21 j 12:57	3°♊10'06	
	-356 Jun 05 j 01:14	0°♋	
desc. node	-356 Jun 19 j 00:34	18°♋43'02	
evening max el	-356 Jun 21 j 05:21	20°♋55'37	26°56'38
retrograde	-356 Jul 05 j 04:13	28°♋12'44	
evening set	-356 Jul 12 j 02:20	26°♋05'20	
min. Earth dist.	-356 Jul 15 j 19:15	23°♋24'42	0.60910 AU
inferior conj	-356 Jul 19 j 01:07	20°♋38'29	-4°29'23
minimum elong	-356 Jul 19 j 04:29	20°♋31'15	4°28'59
morning rise	-356 Jul 26 j 08:24	15°♋50'29	
direct	-356 Jul 28 j 19:53	15°♋26'04	
morning max el	-356 Aug 04 j 23:37	18°♋57'47	18°03'42
asc. node	-356 Aug 06 j 02:23	20°♋06'57	
	-356 Aug 13 j 01:08	0°♌	
morning set	-356 Aug 20 j 21:25	14°♌06'03	
	-356 Aug 29 j 13:31	0°♍	
superior conj	-356 Aug 30 j 21:31	2°♍22'34	1°28'58
minimum elong	-356 Aug 31 j 01:41	2°♍41'00	1°28'35
max. Earth dist.	-356 Sep 07 j 11:51	15°♍27'06	1.41801 AU
evening rise	-356 Sep 13 j 05:54	24°♍51'23	
desc. node	-356 Sep 14 j 23:56	27°♍38'38	
	-356 Sep 16 j 11:51	0°♎	
	-356 Oct 07 j 01:15	0°♏	
evening max el	-356 Oct 16 j 08:41	11°♏08'33	22°29'16
retrograde	-356 Oct 26 j 01:21	16°♏54'25	
evening set	-356 Oct 30 j 15:29	15°♏03'04	
asc. node	-356 Nov 02 j 01:35	12°♏35'05	
inferior conj	-356 Nov 04 j 23:42	8°♏43'37	0°59'41
minimum elong	-356 Nov 04 j 22:21	8°♏48'16	0°59'06
min. Earth dist.	-356 Nov 04 j 21:26	8°♏51'27	0.67640 AU
morning rise	-356 Nov 10 j 05:05	2°♏31'48	
direct	-356 Nov 14 j 18:53	0°♏39'21	
morning max el	-356 Nov 24 j 03:19	6°♏11'08	22°11'01
desc. node	-356 Dec 11 j 23:09	29°♏23'57	
	-356 Dec 12 j 09:00	0°♐	
morning set	-356 Dec 27 j 05:05	22°♐51'19	
	-356 Dec 31 j 13:41	0°♑	
max. Earth dist.	-355 Jan 01 j 20:37	2°♑09'17	1.40997 AU
superior conj	-355 Jan 09 j 15:14	15°♑36'12	-2°01'08
minimum elong	-355 Jan 09 j 15:54	15°♑39'09	2°01'08
	-355 Jan 17 j 12:31	0°♒	
evening rise	-355 Jan 19 j 22:36	4°♒30'58	
asc. node	-355 Jan 29 j 00:54	20°♒51'02	
	-355 Feb 04 j 16:46	0°♓	
evening max el	-355 Feb 05 j 05:40	0°♓32'31	18°16'14
retrograde	-355 Feb 12 j 07:40	4°♓04'32	
evening set	-355 Feb 14 j 21:04	3°♓37'53	
	-355 Feb 20 j 15:38	30°℞♒	
inferior conj	-355 Feb 21 j 22:00	28°♒55'06	3°33'31
minimum elong	-355 Feb 22 j 00:42	28°♒49'14	3°33'09
min. Earth dist.	-355 Feb 25 j 07:24	25°♒59'39	0.59691 AU
morning rise	-355 Mar 01 j 02:08	23°♒17'22	
direct	-355 Mar 07 j 13:58	21°♒21'54	
desc. node	-355 Mar 09 j 22:16	21°♒36'27	
morning max el	-355 Mar 21 j 20:58	29°♒06'47	27°16'45

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-355 Mar 22 j 18:13	0°♓	
	-355 Apr 12 j 18:16	0°♈	
morning set	-355 Apr 21 j 21:43	17°♈44'42	
asc. node	-355 Apr 27 j 00:14	28°♈39'15	
	-355 Apr 27 j 15:01	0°♉	
max. Earth dist.	-355 Apr 28 j 12:44	1°♉58'52	1.32351 AU
superior conj	-355 Apr 29 j 00:43	3°♉04'40	0°21'15
minimum elong	-355 Apr 28 j 23:47	2°♉59'30	0°21'04
evening rise	-355 May 05 j 22:25	18°♉02'40	
	-355 May 11 j 20:45	0°♊	
	-355 May 31 j 16:43	0°♋	
evening max el	-355 Jun 03 j 03:40	2°♋30'02	25°57'35
desc. node	-355 Jun 05 j 21:33	4°♋54'55	
retrograde	-355 Jun 17 j 05:02	9°♋42'56	
evening set	-355 Jun 23 j 07:38	8°♋12'35	
min. Earth dist.	-355 Jun 27 j 16:20	5°♋32'53	0.58855 AU
inferior conj	-355 Jun 30 j 23:52	3°♋05'27	-4°43'04
minimum elong	-355 Jun 30 j 23:55	3°♋05'21	4°43'03
	-355 Jul 05 j 14:04	30°℞♊	
morning rise	-355 Jul 08 j 18:35	28°♊39'37	
direct	-355 Jul 11 j 06:46	28°♊18'41	
	-355 Jul 16 j 14:52	0°♋	
morning max el	-355 Jul 19 j 07:16	2°♋07'43	18°33'52
asc. node	-355 Jul 23 j 23:28	7°♋41'57	
morning set	-355 Aug 04 j 12:37	27°♋57'36	
	-355 Aug 05 j 13:55	0°♌	
superior conj	-355 Aug 13 j 10:01	14°♌59'30	1°43'21
minimum elong	-355 Aug 13 j 12:03	15°♌08'57	1°43'15
max. Earth dist.	-355 Aug 20 j 16:26	28°♌08'01	1.39854 AU
	-355 Aug 21 j 18:12	0°♍	
evening rise	-355 Aug 24 j 21:57	5°♍22'42	
desc. node	-355 Sep 01 j 20:57	18°♍15'49	
	-355 Sep 09 j 15:28	0°♎	
evening max el	-355 Sep 28 j 22:15	24°♎40'15	23°49'35
	-355 Oct 05 j 18:54	0°♏	
retrograde	-355 Oct 09 j 17:32	1°♏02'04	
	-355 Oct 13 j 08:07	30°℞♎	
evening set	-355 Oct 14 j 21:31	28°♎52'39	
min. Earth dist.	-355 Oct 19 j 17:55	23°♎13'48	0.67555 AU
asc. node	-355 Oct 19 j 22:39	22°♎57'44	
inferior conj	-355 Oct 20 j 06:30	22°♎30'58	0°06'48
minimum elong	-355 Oct 20 j 06:21	22°♎31'32	0°06'43
transit middle	-355 Oct 20 j 06:21	22°♎31'32	0°06'43
transit begin	-355 Oct 20 j 03:52	22°♎39'58	
transit end	-355 Oct 20 j 08:49	22°♎23'07	
morning rise	-355 Oct 25 j 15:07	16°♎23'31	
direct	-355 Oct 29 j 15:11	14°♎52'52	
morning max el	-355 Nov 06 j 21:17	19°♎41'22	20°51'22
	-355 Nov 15 j 07:50	0°♏	
desc. node	-355 Nov 28 j 20:12	19°♏39'19	
	-355 Dec 05 j 14:06	0°♐	
morning set	-355 Dec 06 j 09:29	1°♐15'29	
max. Earth dist.	-355 Dec 15 j 01:08	15°♐01'07	1.42863 AU
superior conj	-355 Dec 21 j 20:55	26°♐18'38	-1°56'19
minimum elong	-355 Dec 21 j 17:08	26°♐02'41	1°56'10
	-355 Dec 24 j 01:05	0°♑	
evening rise	-354 Jan 02 j 16:59	16°♑54'48	
	-354 Jan 10 j 03:26	0°♒	
asc. node	-354 Jan 15 j 21:56	9°♒03'53	
evening max el	-354 Jan 19 j 16:55	13°♒38'01	18°07'42
retrograde	-354 Jan 26 j 07:03	17°♒02'58	
evening set	-354 Jan 29 j 00:55	16°♒27'09	
inferior conj	-354 Feb 04 j 12:22	11°♒23'06	3°50'52
minimum elong	-354 Feb 04 j 12:45	11°♒22'09	3°50'52
min. Earth dist.	-354 Feb 07 j 12:11	8°♒25'14	0.61777 AU
morning rise	-354 Feb 10 j 23:20	5°♒30'22	
direct	-354 Feb 17 j 22:07	3°♒02'21	
desc. node	-354 Feb 24 j 19:20	5°♒08'39	
morning max el	-354 Mar 03 j 24:00	10°♒52'45	27°45'36
	-354 Mar 18 j 23:50	0°♓	
	-354 Apr 04 j 23:15	0°♈	
morning set	-354 Apr 06 j 02:13	2°♈16'41	
max. Earth dist.	-354 Apr 11 j 23:24	14°♈41'16	1.32583 AU
superior conj	-354 Apr 13 j 11:10	17°♈55'25	-0°04'28
minimum elong	-354 Apr 13 j 11:23	17°♈56'34	0°04'25
behind sun begin	-354 Apr 13 j 06:26	17°♈29'42	
behind sun end	-354 Apr 13 j 16:19	18°♈23'26	
asc. node	-354 Apr 13 j 21:17	18°♈50'30	
	-354 Apr 19 j 00:32	0°♉	
evening rise	-354 Apr 20 j 09:54	2°♉57'43	
	-354 May 05 j 02:06	0°♊	
evening max el	-354 May 15 j 20:01	13°♊24'12	24°33'59
desc. node	-354 May 23 j 18:33	19°♊04'36	
retrograde	-354 May 29 j 18:27	20°♊26'41	
evening set	-354 Jun 03 j 14:03	19°♊34'30	
min. Earth dist.	-354 Jun 09 j 07:30	16°♊39'24	0.56964 AU
inferior conj	-354 Jun 12 j 02:49	14°♊51'01	-4°23'53
minimum elong	-354 Jun 11 j 22:15	14°♊58'26	4°23'15
morning rise	-354 Jun 20 j 09:14	10°♊45'15	
direct	-354 Jun 22 j 23:30	10°♊26'36	
morning max el	-354 Jul 02 j 06:27	14°♊45'47	19°25'01
asc. node	-354 Jul 10 j 20:31	26°♊04'50	
	-354 Jul 13 j 02:55	0°♋	
morning set	-354 Jul 19 j 12:35	12°♋16'28	
superior conj	-354 Jul 27 j 15:20	28°♋27'45	1°47'21
minimum elong	-354 Jul 27 j 15:18	28°♋27'35	1°47'22
	-354 Jul 28 j 10:14	0°♌	
max. Earth dist.	-354 Aug 02 j 19:38	10°♌13'23	1.37856 AU
evening rise	-354 Aug 06 j 14:46	17°♌05'00	
	-354 Aug 14 j 05:34	0°♍	
desc. node	-354 Aug 19 j 17:56	8°♍42'00	
	-354 Sep 04 j 01:01	0°♎	
evening max el	-354 Sep 11 j 09:58	8°♎15'49	25°06'51
retrograde	-354 Sep 23 j 05:30	15°♎06'15	
evening set	-354 Sep 29 j 00:14	12°♎39'47	
min. Earth dist.	-354 Oct 03 j 12:11	7°♎35'52	0.67151 AU
inferior conj	-354 Oct 04 j 11:25	6°♎19'44	-0°48'25
minimum elong	-354 Oct 04 j 12:37	6°♎15'47	0°47'53
asc. node	-354 Oct 06 j 19:42	3°♎22'26	
morning rise	-354 Oct 10 j 01:06	0°♎19'31	
	-354 Oct 10 j 13:32	30°℞♍	
direct	-354 Oct 13 j 13:18	29°♍08'22	
	-354 Oct 16 j 16:44	0°♎	
morning max el	-354 Oct 20 j 22:59	3°♎22'03	19°43'55
	-354 Nov 09 j 03:09	0°♏	
morning set	-354 Nov 15 j 06:39	9°♏27'36	
desc. node	-354 Nov 15 j 17:14	10°♏08'35	
max. Earth dist.	-354 Nov 27 j 13:27	28°♏41'47	1.44233 AU
	-354 Nov 28 j 09:06	0°♐	
superior conj	-354 Dec 01 j 23:37	5°♐46'40	-1°34'03
minimum elong	-354 Dec 01 j 15:47	5°♐15'07	1°33'21
evening rise	-354 Dec 15 j 16:21	28°♐26'47	
	-354 Dec 16 j 14:22	0°♑	
asc. node	-353 Jan 02 j 18:58	26°♑28'31	
evening max el	-353 Jan 03 j 05:28	26°♑55'48	18°18'15
	-353 Jan 07 j 11:39	0°♒	
retrograde	-353 Jan 09 j 17:24	0°♒26'43	
	-353 Jan 11 j 22:58	30°℞♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-353 Jan 12 j 15:46	29°♑40'53	
inferior conj	-353 Jan 18 j 17:06	24°♑16'54	3°46'20
minimum elong	-353 Jan 18 j 15:39	24°♑20'56	3°46'12
min. Earth dist.	-353 Jan 21 j 02:23	21°♑37'21	0.63656 AU
morning rise	-353 Jan 24 j 14:54	18°♑14'37	
direct	-353 Jan 31 j 14:14	15°♑27'18	
desc. node	-353 Feb 11 j 16:24	20°♑49'37	
morning max el	-353 Feb 14 j 07:46	23°♑17'21	27°37'38
	-353 Feb 20 j 07:57	0°♒	
	-353 Mar 12 j 06:01	0°♓	
morning set	-353 Mar 20 j 23:54	16°♓24'36	
max. Earth dist.	-353 Mar 26 j 04:04	27°♓00'49	1.33211 AU
	-353 Mar 27 j 13:57	0°♈	
superior conj	-353 Mar 28 j 18:33	2°♈32'35	-0°31'06
minimum elong	-353 Mar 28 j 20:02	2°♈40'33	0°30'48
asc. node	-353 Mar 31 j 18:17	8°♈58'20	
evening rise	-353 Apr 04 j 21:34	17°♈48'55	
	-353 Apr 10 j 22:50	0°♉	
evening max el	-353 Apr 27 j 10:54	23°♉58'52	22°59'04
	-353 May 06 j 19:09	0°♊	
retrograde	-353 May 10 j 19:20	0°♊36'38	
desc. node	-353 May 10 j 15:35	0°♊36'35	
evening set	-353 May 14 j 04:53	0°♊11'20	
	-353 May 14 j 21:53	30°℞♉	
min. Earth dist.	-353 May 21 j 20:10	26°♉48'06	0.55578 AU
inferior conj	-353 May 23 j 10:23	25°♉52'47	-3°20'54
minimum elong	-353 May 23 j 03:13	26°♉03'11	3°19'02
morning rise	-353 Jun 01 j 04:03	21°♉58'41	
direct	-353 Jun 03 j 21:37	21°♉40'59	
morning max el	-353 Jun 14 j 19:04	26°♉44'00	20°36'54
	-353 Jun 17 j 21:33	0°♊	
asc. node	-353 Jun 27 j 17:34	15°♊04'00	
morning set	-353 Jul 03 j 18:31	26°♊54'36	
	-353 Jul 05 j 06:34	0°♋	
superior conj	-353 Jul 11 j 08:38	12°♋33'14	1°43'12
minimum elong	-353 Jul 11 j 07:07	12°♋25'34	1°43'07
max. Earth dist.	-353 Jul 16 j 02:49	22°♋03'06	1.36037 AU
evening rise	-353 Jul 20 j 04:41	29°♋48'58	
	-353 Jul 20 j 07:03	0°♌	
desc. node	-353 Aug 06 j 14:56	28°♌51'10	
	-353 Aug 07 j 09:37	0°♍	
evening max el	-353 Aug 24 j 21:27	21°♍51'49	26°13'26
retrograde	-353 Sep 06 j 12:41	29°♍01'17	
evening set	-353 Sep 12 j 21:43	26°♍21'23	
min. Earth dist.	-353 Sep 17 j 01:47	21°♍54'21	0.66413 AU
inferior conj	-353 Sep 18 j 12:34	20°♍06'46	-1°44'20
minimum elong	-353 Sep 18 j 15:12	19°♍58'37	1°43'15
asc. node	-353 Sep 23 j 16:45	14°♍43'07	
morning rise	-353 Sep 24 j 09:03	14°♍16'44	
direct	-353 Sep 27 j 11:30	13°♍21'45	
morning max el	-353 Oct 04 j 07:38	17°♍10'42	18°51'17
	-353 Oct 13 j 23:31	0°♎	
morning set	-353 Oct 25 j 20:34	18°♎34'59	
	-353 Nov 02 j 02:19	0°♏	
desc. node	-353 Nov 02 j 14:15	0°♏46'54	
max. Earth dist.	-353 Nov 10 j 06:34	12°♏51'19	1.44938 AU
superior conj	-353 Nov 11 j 04:34	14°♏17'52	-0°54'19
minimum elong	-353 Nov 10 j 21:49	13°♏51'21	0°53'29
	-353 Nov 21 j 02:22	0°♐	
evening rise	-353 Nov 26 j 16:48	8°♐59'53	
	-353 Dec 09 j 20:56	0°♑	
evening max el	-353 Dec 17 j 16:41	10°♑19'42	18°47'04
asc. node	-353 Dec 20 j 16:00	12°♑51'00	
retrograde	-353 Dec 24 j 10:34	14°♑07'22	
evening set	-353 Dec 27 j 14:21	13°♑10'25	
inferior conj	-352 Jan 02 j 08:23	7°♑28'54	3°26'08
minimum elong	-352 Jan 02 j 05:53	7°♑36'32	3°25'40
min. Earth dist.	-352 Jan 04 j 02:22	5°♑20'43	0.65189 AU
morning rise	-352 Jan 07 j 21:04	1°♑20'29	
	-352 Jan 09 j 15:46	30°℞♐	
direct	-352 Jan 14 j 13:14	28°♐28'31	
	-352 Jan 19 j 22:21	0°♑	
morning max el	-352 Jan 27 j 17:33	6°♑09'52	26°56'42
desc. node	-352 Jan 29 j 13:26	8°♑04'00	
	-352 Feb 15 j 02:06	0°♒	
morning set	-352 Mar 03 j 11:37	29°♒58'33	
	-352 Mar 03 j 11:55	0°♓	
max. Earth dist.	-352 Mar 07 j 22:55	8°♓47'14	1.34265 AU
superior conj	-352 Mar 11 j 20:51	16°♓49'53	-0°57'34
minimum elong	-352 Mar 11 j 23:34	17°♓04'03	0°57'05
asc. node	-352 Mar 17 j 15:19	28°♓59'02	
	-352 Mar 18 j 02:55	0°♈	
evening rise	-352 Mar 19 j 07:37	2°♈29'58	
	-352 Apr 04 j 01:43	0°♉	
evening max el	-352 Apr 08 j 07:32	4°♉45'07	21°27'33
retrograde	-352 Apr 20 j 10:38	10°♉39'03	
evening set	-352 Apr 22 j 20:33	10°♉25'46	
desc. node	-352 Apr 26 j 12:36	9°♉19'37	
inferior conj	-352 May 02 j 05:56	6°♉24'48	-1°37'10
minimum elong	-352 May 02 j 01:25	6°♉31'09	1°35'37
min. Earth dist.	-352 May 02 j 09:09	6°♉20'17	0.55004 AU
morning rise	-352 May 11 j 06:51	2°♉25'12	
direct	-352 May 14 j 08:31	2°♉04'38	
morning max el	-352 May 26 j 20:55	8°♉00'30	22°06'31
	-352 Jun 11 j 06:27	0°♊	
asc. node	-352 Jun 13 j 14:36	4°♊30'26	
morning set	-352 Jun 17 j 04:15	11°♊45'55	
superior conj	-352 Jun 24 j 10:16	27°♊05'02	1°32'40
minimum elong	-352 Jun 24 j 07:58	26°♊52'54	1°32'26
	-352 Jun 25 j 19:42	0°♋	
max. Earth dist.	-352 Jun 27 j 18:28	4°♋01'38	1.34551 AU
evening rise	-352 Jul 02 j 10:48	13°♋22'00	
	-352 Jul 11 j 13:48	0°♌	
desc. node	-352 Jul 23 j 11:57	18°♌35'50	
	-352 Aug 01 j 08:07	0°♍	
evening max el	-352 Aug 06 j 09:13	5°♍21'47	27°01'38
retrograde	-352 Aug 19 j 14:45	12°♍40'32	
evening set	-352 Aug 26 j 11:39	9°♍54'29	
min. Earth dist.	-352 Aug 30 j 08:35	6°♍04'34	0.65318 AU
inferior conj	-352 Sep 01 j 07:58	3°♍48'58	-2°38'54
minimum elong	-352 Sep 01 j 11:52	3°♍37'47	2°37'31
	-352 Sep 04 j 23:18	30°℞♌	
morning rise	-352 Sep 07 j 12:43	28°♌12'07	
asc. node	-352 Sep 09 j 13:48	27°♌32'43	
direct	-352 Sep 10 j 07:49	27°♌29'39	
	-352 Sep 15 j 18:18	0°♍	
morning max el	-352 Sep 16 j 21:06	1°♍03'03	18°14'58
morning set	-352 Oct 05 j 14:43	29°♍06'36	
	-352 Oct 06 j 03:43	0°♎	
desc. node	-352 Oct 19 j 11:16	21°♎31'04	
superior conj	-352 Oct 20 j 06:24	22°♎46'56	-0°05'15
minimum elong	-352 Oct 20 j 05:44	22°♎44'14	0°05'10
behind sun begin	-352 Oct 19 j 19:11	22°♎02'28	
behind sun end	-352 Oct 20 j 16:16	23°♎25'59	
max. Earth dist.	-352 Oct 23 j 01:01	27°♎10'00	1.44912 AU
	-352 Oct 24 j 20:15	0°♏	
evening rise	-352 Nov 05 j 17:49	18°♏35'46	
	-352 Nov 13 j 01:49	0°♐	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-352 Nov 17 j 15:08	6°♐59'33	-0.7m
evening max el	-352 Nov 30 j 00:26	23°♐46'31	19°32'40
asc. node	-352 Dec 06 j 13:03	27°♐56'31	
retrograde	-352 Dec 07 j 07:13	27°♐59'45	
evening set	-352 Dec 10 j 18:02	26°♐50'03	
inferior conj	-352 Dec 16 j 07:05	20°♐53'50	2°54'36
minimum elong	-352 Dec 16 j 04:15	21°♐03'04	2°53'49
min. Earth dist.	-352 Dec 17 j 10:53	19°♐23'12	0.66344 AU
morning rise	-352 Dec 21 j 14:12	14°♐41'47	
direct	-352 Dec 27 j 18:23	11°♐57'46	
morning max el	-351 Jan 09 j 02:48	19°♐17'08	25°50'17
desc. node	-351 Jan 15 j 10:29	26°♐24'37	
	-351 Jan 18 j 06:21	0°♑	
	-351 Feb 07 j 03:49	0°♒	
morning set	-351 Feb 14 j 08:59	12°♒44'51	
max. Earth dist.	-351 Feb 18 j 05:38	19°♒59'57	1.35775 AU
	-351 Feb 23 j 07:43	0°♓	
superior conj	-351 Feb 23 j 15:28	0°♓39'04	-1°22'23
minimum elong	-351 Feb 23 j 19:05	0°♓57'17	1°21'51
evening rise	-351 Mar 03 j 13:59	16°♓53'45	
asc. node	-351 Mar 04 j 12:22	18°♓47'24	
	-351 Mar 10 j 07:20	0°♈	
evening max el	-351 Mar 21 j 14:43	16°♈03'46	20°09'31
retrograde	-351 Apr 01 j 01:17	21°♈04'10	
evening set	-351 Apr 03 j 04:07	20°♈52'42	
inferior conj	-351 Apr 12 j 02:57	16°♈53'55	0°21'50
minimum elong	-351 Apr 12 j 03:56	16°♈52'27	0°21'29
desc. node	-351 Apr 13 j 09:39	16°♈08'01	
min. Earth dist.	-351 Apr 13 j 23:13	15°♈47'55	0.55392 AU
morning rise	-351 Apr 21 j 01:51	12°♈30'15	
direct	-351 Apr 24 j 22:12	11°♈57'50	
morning max el	-351 May 08 j 14:27	18°♈42'35	23°46'25
	-351 May 17 j 22:21	0°♉	
asc. node	-351 May 31 j 11:38	24°♉16'07	
morning set	-351 Jun 01 j 15:54	26°♉43'31	
	-351 Jun 03 j 05:00	0°♊	
superior conj	-351 Jun 08 j 17:21	11°♊53'00	1°17'10
minimum elong	-351 Jun 08 j 14:51	11°♊39'30	1°16'48
max. Earth dist.	-351 Jun 10 j 19:33	16°♊21'39	1.33456 AU
evening rise	-351 Jun 16 j 04:37	27°♊30'05	
	-351 Jun 17 j 10:45	0°♋	
	-351 Jul 04 j 19:53	0°♌	
desc. node	-351 Jul 10 j 08:59	7°♌44'39	
evening max el	-351 Jul 19 j 20:17	18°♌34'32	27°24'27
retrograde	-351 Aug 02 j 11:05	25°♌54'40	
evening set	-351 Aug 09 j 15:02	23°♌13'18	
min. Earth dist.	-351 Aug 13 j 06:31	19°♌57'36	0.63854 AU
inferior conj	-351 Aug 15 j 19:03	17°♌20'32	-3°29'23
minimum elong	-351 Aug 15 j 23:42	17°♌08'27	3°28'06
morning rise	-351 Aug 22 j 09:22	12°♌00'02	
direct	-351 Aug 24 j 23:37	11°♌26'36	
asc. node	-351 Aug 27 j 10:51	11°♌57'15	
morning max el	-351 Aug 31 j 12:43	14°♌52'43	17°56'02
	-351 Sep 11 j 02:30	0°♍	
morning set	-351 Sep 17 j 11:35	10°♍55'38	
	-351 Sep 28 j 18:06	0°♎	
superior conj	-351 Sep 30 j 02:07	2°♎11'32	0°40'38
minimum elong	-351 Sep 30 j 06:16	2°♎28'31	0°40'05
max. Earth dist.	-351 Oct 05 j 18:12	11°♎21'34	1.44168 AU
desc. node	-351 Oct 06 j 08:20	12°♎17'56	
evening rise	-351 Oct 16 j 02:45	27°♎35'04	
	-351 Oct 17 j 16:27	0°♏	
	-351 Nov 07 j 02:14	0°♐	
evening max el	-351 Nov 13 j 03:10	7°♐14'58	20°32'52
retrograde	-351 Nov 21 j 04:48	12°♐00'39	
asc. node	-351 Nov 23 j 10:06	11°♐32'34	
evening set	-351 Nov 25 j 00:42	10°♐36'10	
inferior conj	-351 Nov 30 j 10:38	4°♐28'23	2°14'40
minimum elong	-351 Nov 30 j 08:02	4°♐37'10	2°13'47
min. Earth dist.	-351 Dec 01 j 01:47	3°♐36'56	0.67124 AU
	-351 Dec 03 j 22:01	30°℞♏	
morning rise	-351 Dec 05 j 15:11	28°♏14'50	
direct	-351 Dec 11 j 04:50	25°♏47'43	
	-351 Dec 19 j 18:52	0°♐	
morning max el	-351 Dec 22 j 11:07	2°♐30'45	24°28'11
desc. node	-350 Jan 02 j 07:32	15°♐32'24	
	-350 Jan 12 j 09:51	0°♑	
morning set	-350 Jan 27 j 10:23	24°♑27'42	
	-350 Jan 30 j 13:11	0°♒	
max. Earth dist.	-350 Jan 31 j 02:53	1°♒01'56	1.37686 AU
superior conj	-350 Feb 06 j 23:11	13°♒51'29	-1°43'22
minimum elong	-350 Feb 07 j 02:54	14°♒09'25	1°43'00
	-350 Feb 15 j 03:34	0°♓	
evening rise	-350 Feb 15 j 14:24	0°♓53'49	
asc. node	-350 Feb 19 j 09:25	8°♓18'18	
evening max el	-350 Mar 04 j 08:57	28°♓00'24	19°09'47
	-350 Mar 06 j 18:21	0°♈	
retrograde	-350 Mar 13 j 04:02	2°♈14'08	
evening set	-350 Mar 15 j 09:46	1°♈58'54	
	-350 Mar 20 j 03:54	30°℞♓	
inferior conj	-350 Mar 23 j 14:28	27°♓47'35	2°03'20
minimum elong	-350 Mar 23 j 18:41	27°♓40'24	2°02'05
min. Earth dist.	-350 Mar 26 j 14:30	25°♓45'41	0.56652 AU
desc. node	-350 Mar 31 j 06:41	23°♓09'41	
morning rise	-350 Apr 01 j 00:39	22°♓51'34	
direct	-350 Apr 05 j 23:49	21°♓54'10	
morning max el	-350 Apr 20 j 05:02	29°♓12'25	25°24'05
	-350 Apr 21 j 00:23	0°♈	
	-350 May 11 j 08:23	0°♉	
morning set	-350 May 17 j 03:48	11°♉42'05	
asc. node	-350 May 18 j 08:43	14°♉15'19	
superior conj	-350 May 24 j 03:40	26°♉49'48	0°57'45
minimum elong	-350 May 24 j 01:28	26°♉37'46	0°57'21
max. Earth dist.	-350 May 25 j 04:06	29°♉03'03	1.32743 AU
	-350 May 25 j 14:34	0°♊	
evening rise	-350 May 31 j 06:35	12°♊02'19	
	-350 Jun 09 j 15:16	0°♋	
desc. node	-350 Jun 27 j 06:00	26°♋02'40	
	-350 Jun 30 j 20:58	0°♌	
evening max el	-350 Jul 02 j 04:18	1°♌16'54	27°16'18
retrograde	-350 Jul 16 j 00:38	8°♌34'29	
evening set	-350 Jul 23 j 03:59	6°♌11'01	
min. Earth dist.	-350 Jul 26 j 18:14	3°♌21'24	0.62061 AU
inferior conj	-350 Jul 29 j 18:49	0°♌34'10	-4°11'30
minimum elong	-350 Jul 29 j 23:09	0°♌24'10	4°10'42
	-350 Jul 30 j 09:40	30°℞♋	
morning rise	-350 Aug 05 j 19:41	25°♋33'16	
direct	-350 Aug 08 j 07:37	25°♋06'04	
asc. node	-350 Aug 14 j 07:55	27°♋47'27	
morning max el	-350 Aug 15 j 03:34	28°♋32'59	17°55'20
	-350 Aug 16 j 12:22	0°♌	
morning set	-350 Aug 31 j 05:06	23°♌43'52	
	-350 Sep 03 j 16:30	0°♍	
superior conj	-350 Sep 11 j 00:54	12°♍56'08	1°15'08
minimum elong	-350 Sep 11 j 05:51	13°♍17'25	1°14'36
max. Earth dist.	-350 Sep 18 j 07:37	25°♍09'00	1.42805 AU
	-350 Sep 21 j 07:23	0°♎	
desc. node	-350 Sep 23 j 05:22	3°♎03'42	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-350 Sep 25 j 11:54	6°♎38'57	
	-350 Oct 10 j 23:57	0°♏	
evening max el	-350 Oct 27 j 00:06	20°♏43'37	21°44'34
retrograde	-350 Nov 05 j 01:25	26°♏06'37	
evening set	-350 Nov 09 j 08:27	24°♏25'21	
asc. node	-350 Nov 10 j 07:09	23°♏35'23	
inferior conj	-350 Nov 14 j 16:52	18°♏09'12	1°28'27
minimum elong	-350 Nov 14 j 14:58	18°♏15'46	1°27'41
min. Earth dist.	-350 Nov 14 j 20:40	17°♏56'05	0.67552 AU
morning rise	-350 Nov 19 j 21:21	11°♏56'20	
direct	-350 Nov 24 j 19:44	9°♏50'50	
morning max el	-350 Dec 04 j 20:38	15°♏48'38	23°00'27
	-350 Dec 16 j 10:57	0°♐	
desc. node	-350 Dec 20 j 04:36	5°♐13'20	
	-349 Jan 05 j 10:37	0°♑	
morning set	-349 Jan 08 j 09:28	4°♑50'38	
max. Earth dist.	-349 Jan 12 j 22:18	12°♑30'52	1.39805 AU
superior conj	-349 Jan 20 j 15:35	26°♑15'15	-1°57'34
minimum elong	-349 Jan 20 j 17:56	26°♑26'05	1°57'28
	-349 Jan 22 j 16:11	0°♒	
evening rise	-349 Jan 30 j 05:59	14°♒22'35	
asc. node	-349 Feb 06 j 06:28	27°♒24'59	
	-349 Feb 07 j 18:39	0°♓	
evening max el	-349 Feb 15 j 12:03	10°♓29'36	18°29'58
retrograde	-349 Feb 23 j 01:40	14°♓12'21	
evening set	-349 Feb 25 j 12:23	13°♓50'18	
inferior conj	-349 Mar 04 j 22:35	9°♓19'15	3°10'33
minimum elong	-349 Mar 05 j 02:26	9°♓11'35	3°09'47
min. Earth dist.	-349 Mar 08 j 08:45	6°♓36'58	0.58499 AU
morning rise	-349 Mar 12 j 13:53	3°♓54'13	
desc. node	-349 Mar 18 j 03:43	2°♓21'36	
direct	-349 Mar 18 j 14:30	2°♓21'05	
morning max el	-349 Apr 01 j 22:37	9°♓58'30	26°44'12
	-349 Apr 17 j 06:43	0°♈	
morning set	-349 May 01 j 14:19	26°♈35'44	
	-349 May 03 j 04:58	0°♉	
asc. node	-349 May 05 j 05:47	4°♉22'47	
superior conj	-349 May 08 j 15:21	11°♉49'01	0°35'17
minimum elong	-349 May 08 j 13:51	11°♉40'48	0°34'59
max. Earth dist.	-349 May 08 j 16:34	11°♉55'39	1.32388 AU
evening rise	-349 May 15 j 13:57	26°♉49'26	
	-349 May 17 j 02:42	0°♊	
	-349 Jun 03 j 05:44	0°♋	
desc. node	-349 Jun 14 j 03:00	13°♋08'55	
evening max el	-349 Jun 14 j 06:34	13°♋17'29	26°35'09
retrograde	-349 Jun 28 j 06:24	20°♋32'24	
evening set	-349 Jul 04 j 22:05	18°♋39'46	
min. Earth dist.	-349 Jul 08 j 19:50	16°♋01'59	0.60041 AU
inferior conj	-349 Jul 12 j 03:48	13°♋21'18	-4°38'24
minimum elong	-349 Jul 12 j 06:00	13°♋16'49	4°38'14
morning rise	-349 Jul 19 j 15:53	8°♋42'42	
direct	-349 Jul 22 j 03:39	8°♋19'47	
morning max el	-349 Jul 29 j 14:46	11°♋57'01	18°14'00
asc. node	-349 Aug 01 j 05:00	14°♋48'53	
	-349 Aug 10 j 16:23	0°♌	
morning set	-349 Aug 14 j 13:43	7°♌16'21	
superior conj	-349 Aug 24 j 01:18	24°♌57'20	1°36'29
minimum elong	-349 Aug 24 j 04:36	25°♌12'18	1°36'14
	-349 Aug 26 j 20:51	0°♍	
max. Earth dist.	-349 Aug 31 j 15:34	8°♍17'44	1.41000 AU
evening rise	-349 Sep 05 j 14:06	16°♍31'22	
desc. node	-349 Sep 10 j 02:23	23°♍45'22	
	-349 Sep 14 j 02:57	0°♎	
	-349 Oct 05 j 19:02	0°♏	

evening max el	-349 Oct 09 j 15:47	4°♏13'39	23°03'15
retrograde	-349 Oct 19 j 19:37	10°♏15'08	
evening set	-349 Oct 24 j 15:37	8°♏15'49	
asc. node	-349 Oct 28 j 04:12	4°♏23'17	
inferior conj	-349 Oct 29 j 23:59	1°♏54'56	0°37'35
minimum elong	-349 Oct 29 j 23:07	1°♏57'56	0°37'13
min. Earth dist.	-349 Oct 29 j 17:15	2°♏18'09	0.67649 AU
	-349 Oct 31 j 09:49	30°℞♎	
morning rise	-349 Nov 04 j 06:32	25°♎44'53	
direct	-349 Nov 08 j 14:16	24°♎02'05	
morning max el	-349 Nov 17 j 10:53	29°♎14'16	21°35'53
	-349 Nov 18 j 04:35	0°♏	
desc. node	-349 Dec 07 j 01:39	25°♏18'16	
	-349 Dec 10 j 04:49	0°♐	
morning set	-349 Dec 19 j 03:33	13°♐51'20	
max. Earth dist.	-349 Dec 25 j 22:47	24°♐52'00	1.41842 AU
	-349 Dec 29 j 00:32	0°♑	
superior conj	-348 Jan 02 j 11:26	7°♑37'53	-2°01'00
minimum elong	-348 Jan 02 j 10:23	7°♑33'20	2°01'00
evening rise	-348 Jan 13 j 09:17	27°♑12'46	
	-348 Jan 14 j 21:50	0°♒	
asc. node	-348 Jan 24 j 03:30	16°♒00'10	
evening max el	-348 Jan 29 j 21:07	23°♒23'53	18°10'09
retrograde	-348 Feb 05 j 16:56	26°♒51'34	
evening set	-348 Feb 08 j 08:11	26°♒21'10	
inferior conj	-348 Feb 15 j 02:55	21°♒28'58	3°44'02
minimum elong	-348 Feb 15 j 04:37	21°♒25'02	3°43'53
min. Earth dist.	-348 Feb 18 j 09:04	18°♒29'35	0.60586 AU
morning rise	-348 Feb 21 j 23:16	15°♒43'41	
direct	-348 Feb 28 j 16:52	13°♒33'21	
desc. node	-348 Mar 04 j 00:47	14°♒23'15	
morning max el	-348 Mar 13 j 22:26	21°♒21'28	27°33'44
	-348 Mar 21 j 11:24	0°♓	
	-348 Apr 09 j 04:57	0°♈	
morning set	-348 Apr 14 j 21:36	11°♈17'43	
max. Earth dist.	-348 Apr 21 j 05:00	24°♈45'41	1.32397 AU
asc. node	-348 Apr 21 j 02:48	24°♈33'39	
superior conj	-348 Apr 22 j 02:42	26°♈44'22	0°10'32
minimum elong	-348 Apr 22 j 02:14	26°♈41'44	0°10'26
behind sun begin	-348 Apr 21 j 22:25	26°♈20'50	
behind sun end	-348 Apr 22 j 06:03	27°♈02'39	
	-348 Apr 23 j 14:25	0°♉	
evening rise	-348 Apr 29 j 00:28	11°♉43'16	
	-348 May 08 j 08:31	0°♊	
evening max el	-348 May 26 j 01:49	24°♊32'14	25°24'22
desc. node	-348 May 31 j 00:01	28°♊33'22	
	-348 Jun 02 j 11:11	0°♋	
retrograde	-348 Jun 09 j 02:48	1°♋42'34	
evening set	-348 Jun 14 j 17:32	0°♋28'45	
	-348 Jun 15 j 18:26	30°℞♊	
min. Earth dist.	-348 Jun 19 j 13:43	27°♊44'34	0.58006 AU
inferior conj	-348 Jun 22 j 18:20	25°♊31'08	-4°39'44
minimum elong	-348 Jun 22 j 16:27	25°♊34'26	4°39'37
morning rise	-348 Jun 30 j 18:03	21°♊14'52	
direct	-348 Jul 03 j 07:01	20°♊55'04	
morning max el	-348 Jul 11 j 19:14	24°♊54'54	18°53'06
	-348 Jul 16 j 04:22	0°♋	
asc. node	-348 Jul 18 j 02:03	2°♋45'39	
morning set	-348 Jul 28 j 09:02	21°♋20'36	
	-348 Aug 01 j 18:44	0°♌	
superior conj	-348 Aug 05 j 21:40	7°♌58'30	1°46'11
minimum elong	-348 Aug 05 j 22:46	8°♌03'44	1°46'08
max. Earth dist.	-348 Aug 12 j 18:51	20°♌41'30	1.38994 AU
evening rise	-348 Aug 16 j 16:54	27°♌33'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-348 Aug 18 j 03:22	0°♍	
desc. node	-348 Aug 26 j 23:23	14°♍18'25	
	-348 Sep 06 j 15:33	0°♎	
evening max el	-348 Sep 21 j 04:06	17°♎46'19	24°23'06
retrograde	-348 Oct 02 j 10:16	24°♎21'59	
evening set	-348 Oct 07 j 20:28	22°♎04'51	
min. Earth dist.	-348 Oct 12 j 13:05	16°♎40'36	0.67425 AU
inferior conj	-348 Oct 13 j 06:12	15°♎43'06	-0°16'27
minimum elong	-348 Oct 13 j 06:36	15°♎41'46	0°16'16
transit middle	-348 Oct 13 j 06:36	15°♎41'46	0°16'16
transit begin	-348 Oct 13 j 06:33	15°♎41'57	
transit end	-348 Oct 13 j 06:40	15°♎41'35	
asc. node	-348 Oct 14 j 01:14	14°♎39'33	
morning rise	-348 Oct 18 j 16:46	9°♎38'25	
direct	-348 Oct 22 j 11:27	8°♎16'40	
morning max el	-348 Oct 30 j 08:14	12°♎49'28	20°20'54
	-348 Nov 12 j 12:08	0°♏	
desc. node	-348 Nov 22 j 22:42	15°♏39'59	
morning set	-348 Nov 27 j 01:48	22°♏01'23	
	-348 Dec 02 j 04:25	0°♐	
max. Earth dist.	-348 Dec 07 j 06:29	8°♐05'10	1.43515 AU
superior conj	-348 Dec 13 j 05:40	17°♐48'07	-1°49'09
minimum elong	-348 Dec 12 j 23:51	17°♐24'06	1°48'47
	-348 Dec 20 j 11:40	0°♑	
evening rise	-348 Dec 25 j 20:08	9°♑15'35	
	-347 Jan 07 j 04:38	0°♒	
asc. node	-347 Jan 10 j 00:31	3°♒54'06	
evening max el	-347 Jan 12 j 09:14	6°♒35'23	18°09'56
retrograde	-347 Jan 18 j 21:33	10°♒01'42	
evening set	-347 Jan 21 j 17:08	9°♒21'54	
inferior conj	-347 Jan 27 j 23:55	4°♒09'19	3°51'12
minimum elong	-347 Jan 27 j 23:26	4°♒10'35	3°51'11
min. Earth dist.	-347 Jan 30 j 17:57	1°♒16'46	0.62605 AU
	-347 Feb 01 j 01:31	30°℞♑	
morning rise	-347 Feb 03 j 04:43	28°♑11'43	
direct	-347 Feb 10 j 04:50	25°♑33'24	
desc. node	-347 Feb 18 j 21:50	28°♑54'48	
	-347 Feb 20 j 08:23	0°♒	
morning max el	-347 Feb 24 j 03:56	3°♒25'34	27°46'38
	-347 Mar 15 j 22:46	0°♓	
morning set	-347 Mar 29 j 23:33	25°♓40'55	
	-347 Apr 01 j 02:09	0°♈	
max. Earth dist.	-347 Apr 04 j 13:30	7°♈19'31	1.32790 AU
superior conj	-347 Apr 06 j 12:05	11°♈30'19	-0°15'42
minimum elong	-347 Apr 06 j 12:50	11°♈34'20	0°15'32
behind sun begin	-347 Apr 06 j 11:46	11°♈28'38	
behind sun end	-347 Apr 06 j 13:53	11°♈40'03	
asc. node	-347 Apr 07 j 23:50	14°♈44'07	
evening rise	-347 Apr 13 j 12:14	26°♈37'24	
	-347 Apr 15 j 02:57	0°♉	
	-347 May 02 j 22:23	0°♊	
evening max el	-347 May 07 j 16:40	5°♊14'30	23°54'11
desc. node	-347 May 17 j 21:00	11°♊39'52	
retrograde	-347 May 21 j 11:25	12°♊09'26	
evening set	-347 May 25 j 15:49	11°♊30'41	
min. Earth dist.	-347 Jun 01 j 03:43	8°♊24'48	0.56285 AU
inferior conj	-347 Jun 03 j 12:39	6°♊57'36	-4°02'53
minimum elong	-347 Jun 03 j 06:29	7°♊07'07	4°01'42
morning rise	-347 Jun 12 j 00:01	2°♊58'16	
direct	-347 Jun 14 j 15:08	2°♊40'26	
morning max el	-347 Jun 24 j 14:12	7°♊17'07	19°53'10
asc. node	-347 Jul 04 j 23:06	21°♊25'02	
	-347 Jul 09 j 13:53	0°♋	
morning set	-347 Jul 12 j 11:50	5°♋48'07	
superior conj	-347 Jul 20 j 08:37	21°♋44'02	1°46'28
minimum elong	-347 Jul 20 j 07:52	21°♋40'21	1°46'27
	-347 Jul 24 j 14:00	0°♌	
max. Earth dist.	-347 Jul 25 j 22:33	2°♌34'48	1.37048 AU
evening rise	-347 Jul 29 j 19:20	9°♌43'25	
	-347 Aug 10 j 20:11	0°♍	
desc. node	-347 Aug 13 j 20:22	4°♍37'56	
	-347 Sep 02 j 06:45	0°♎	
evening max el	-347 Sep 03 j 15:32	1°♎22'29	25°36'54
retrograde	-347 Sep 15 j 20:25	8°♎22'50	
evening set	-347 Sep 21 j 21:14	5°♎50'10	
min. Earth dist.	-347 Sep 26 j 05:48	1°♎01'29	0.66879 AU
inferior conj	-347 Sep 27 j 09:47	29°♍31'43	-1°12'08
minimum elong	-347 Sep 27 j 11:36	29°♍25'54	1°11'22
	-347 Sep 27 j 00:59	30°℞♍	
asc. node	-347 Sep 30 j 22:18	25°♍22'23	
morning rise	-347 Oct 03 j 02:09	23°♍35'12	
direct	-347 Oct 06 j 09:51	22°♍31'26	
morning max el	-347 Oct 13 j 13:02	26°♍33'46	19°19'28
	-347 Oct 16 j 13:48	0°♎	
	-347 Nov 05 j 19:54	0°♏	
morning set	-347 Nov 06 j 03:35	0°♏29'56	
desc. node	-347 Nov 09 j 19:42	6°♏13'21	
max. Earth dist.	-347 Nov 19 j 20:40	21°♏58'21	1.44621 AU
superior conj	-347 Nov 22 j 21:45	26°♏47'59	-1°19'03
minimum elong	-347 Nov 22 j 13:33	26°♏15'25	1°18'10
	-347 Nov 24 j 21:55	0°♐	
evening rise	-347 Dec 07 j 10:05	20°♐22'35	
	-347 Dec 13 j 05:17	0°♑	
evening max el	-347 Dec 26 j 21:34	19°♑56'34	18°28'27
asc. node	-347 Dec 27 j 21:34	20°♑54'08	
retrograde	-346 Jan 02 j 11:06	23°♑33'12	
evening set	-346 Jan 05 j 11:37	22°♑42'52	
inferior conj	-346 Jan 11 j 09:34	17°♑11'25	3°39'22
minimum elong	-346 Jan 11 j 07:35	17°♑17'12	3°39'06
min. Earth dist.	-346 Jan 13 j 12:25	14°♑43'49	0.64356 AU
morning rise	-346 Jan 17 j 03:01	11°♑06'19	
direct	-346 Jan 24 j 00:15	8°♑14'55	
desc. node	-346 Feb 05 j 18:53	15°♑19'06	
morning max el	-346 Feb 06 j 12:40	16°♑02'46	27°23'48
	-346 Feb 18 j 01:43	0°♒	
	-346 Mar 08 j 16:14	0°♓	
morning set	-346 Mar 13 j 17:24	9°♓35'27	
max. Earth dist.	-346 Mar 18 j 14:07	19°♓24'20	1.33601 AU
superior conj	-346 Mar 21 j 17:34	25°♓59'50	-0°42'26
minimum elong	-346 Mar 21 j 19:36	26°♓10'35	0°42'02
	-346 Mar 23 j 14:42	0°♈	
asc. node	-346 Mar 25 j 20:51	4°♈49'27	
evening rise	-346 Mar 28 j 23:25	11°♈24'43	
	-346 Apr 07 j 14:42	0°♉	
evening max el	-346 Apr 19 j 09:19	15°♉50'46	22°19'06
retrograde	-346 May 02 j 07:08	22°♉11'21	
desc. node	-346 May 04 j 18:03	21°♉58'01	
evening set	-346 May 05 j 04:36	21°♉52'54	
min. Earth dist.	-346 May 13 j 16:31	18°♉13'49	0.55222 AU
inferior conj	-346 May 14 j 13:44	17°♉43'50	-2°40'55
minimum elong	-346 May 14 j 07:03	17°♉53'19	2°38'52
morning rise	-346 May 23 j 11:12	13°♉49'22	
direct	-346 May 26 j 07:22	13°♉31'02	
morning max el	-346 Jun 06 j 22:00	18°♉56'33	21°13'09
	-346 Jun 15 j 17:57	0°♊	
asc. node	-346 Jun 21 j 20:08	10°♊36'28	
morning set	-346 Jun 26 j 19:37	20°♊32'08	
	-346 Jul 01 j 08:27	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-346 Jul	04 j 05:49	6°♋01'17	1°39'24
minimum elong	-346 Jul	04 j 03:54	5°♋51'20	1°39'17
max. Earth dist.	-346 Jul	08 j 09:01	14°♋25'31	1.35361 AU
evening rise	-346 Jul	12 j 16:44	22°♋49'47	
	-346 Jul	16 j 13:53	0°♌	
desc. node	-346 Jul	31 j 17:23	24°♌37'37	
	-346 Aug	04 j 12:44	0°♍	
evening max el	-346 Aug	17 j 03:27	14°♍58'04	26°36'44
retrograde	-346 Aug	30 j 01:28	22°♍12'05	
evening set	-346 Sep	05 j 15:51	19°♍28'52	
min. Earth dist.	-346 Sep	09 j 16:54	15°♍17'29	0.65990 AU
inferior conj	-346 Sep	11 j 08:49	13°♍17'45	-2°07'44
minimum elong	-346 Sep	11 j 12:01	13°♍08'07	2°06'31
morning rise	-346 Sep	17 j 08:36	7°♍32'39	
asc. node	-346 Sep	17 j 19:21	7°♍18'55	
direct	-346 Sep	20 j 07:42	6°♍43'17	
morning max el	-346 Sep	27 j 00:00	10°♍24'34	18°33'46
	-346 Oct	10 j 20:14	0°♎	
morning set	-346 Oct	17 j 05:17	10°♎13'31	
desc. node	-346 Oct	27 j 16:44	26°♎54'48	
	-346 Oct	29 j 15:39	0°♏	
superior conj	-346 Nov	01 j 22:43	5°♏11'14	-0°33'54
minimum elong	-346 Nov	01 j 18:16	4°♏53'45	0°33'20
max. Earth dist.	-346 Nov	02 j 15:08	6°♏15'47	1.45024 AU
	-346 Nov	17 j 16:32	0°♐	
evening rise	-346 Nov	18 j 00:24	0°♐31'10	
greatest brilliancy	-346 Nov	26 j 21:11	14°♐33'57	-0.8m
	-346 Dec	07 j 09:34	0°♑	
evening max el	-346 Dec	10 j 07:42	3°♑22'57	19°04'29
asc. node	-346 Dec	14 j 18:37	6°♑46'16	
retrograde	-346 Dec	17 j 06:03	7°♑19'59	
evening set	-346 Dec	20 j 12:43	6°♑17'42	
inferior conj	-346 Dec	26 j 04:23	0°♑29'38	3°13'56
minimum elong	-346 Dec	26 j 01:40	0°♑38'12	3°13'18
	-346 Dec	26 j 13:46	30°℞♐	
min. Earth dist.	-346 Dec	27 j 16:08	28°♐37'10	0.65738 AU
morning rise	-346 Dec	31 j 14:21	24°♐19'41	
direct	-345 Jan	07 j 01:58	21°♐29'50	
morning max el	-345 Jan	19 j 22:18	29°♐02'36	26°30'55
	-345 Jan	20 j 20:44	0°♑	
desc. node	-345 Jan	23 j 15:57	3°♑04'33	
	-345 Feb	11 j 21:37	0°♒	
morning set	-345 Feb	24 j 23:34	22°♒50'22	
	-345 Feb	28 j 16:42	0°♓	
max. Earth dist.	-345 Mar	01 j 03:53	0°♓55'12	1.34862 AU
superior conj	-345 Mar	05 j 16:57	10°♓06'02	-1°08'25
minimum elong	-345 Mar	05 j 20:06	10°♓22'18	1°07'53
asc. node	-345 Mar	12 j 17:54	24°♓45'25	
evening rise	-345 Mar	13 j 08:10	25°♓59'08	
	-345 Mar	15 j 07:17	0°♈	
evening max el	-345 Apr	01 j 10:06	26°♈48'36	20°52'13
	-345 Apr	05 j 10:04	0°♉	
retrograde	-345 Apr	12 j 20:10	2°♉19'29	
evening set	-345 Apr	15 j 01:36	2°♉07'44	
	-345 Apr	20 j 23:28	30°℞♈	
desc. node	-345 Apr	21 j 15:06	29°♈39'45	
inferior conj	-345 Apr	24 j 07:57	28°♈09'48	-0°46'24
minimum elong	-345 Apr	24 j 05:46	28°♈12'56	0°45'36
min. Earth dist.	-345 Apr	25 j 05:32	27°♈39'06	0.55058 AU
morning rise	-345 May	03 j 09:26	24°♈02'16	
direct	-345 May	06 j 18:00	23°♈37'56	
	-345 May	19 j 21:36	0°♉	
morning max el	-345 May	19 j 19:35	29°♈55'15	22°48'29
asc. node	-345 Jun	08 j 17:11	0°♊11'40	
	-345 Jun	08 j 14:52	0°♊	
morning set	-345 Jun	11 j 06:21	5°♊26'27	
superior conj	-345 Jun	18 j 10:01	20°♊40'15	1°26'37
minimum elong	-345 Jun	18 j 07:34	20°♊27'10	1°26'20
max. Earth dist.	-345 Jun	21 j 05:03	26°♊33'23	1.34037 AU
	-345 Jun	22 j 21:00	0°♋	
evening rise	-345 Jun	26 j 04:15	6°♋38'31	
	-345 Jul	09 j 04:14	0°♌	
desc. node	-345 Jul	18 j 14:25	14°♌08'20	
evening max el	-345 Jul	30 j 15:14	28°♌22'16	27°14'55
	-345 Aug	01 j 09:55	0°♍	
retrograde	-345 Aug	13 j 00:53	5°♍41'34	
evening set	-345 Aug	20 j 01:41	2°♍56'03	
	-345 Aug	23 j 05:31	30°℞♌	
min. Earth dist.	-345 Aug	23 j 20:03	29°♌21'28	0.64738 AU
inferior conj	-345 Aug	26 j 00:59	26°♌55'54	-3°01'01
minimum elong	-345 Aug	26 j 05:18	26°♌44'02	2°59'38
morning rise	-345 Sep	01 j 09:40	21°♌25'38	
direct	-345 Sep	04 j 02:30	20°♌47'15	
asc. node	-345 Sep	04 j 16:25	20°♌49'02	
morning max el	-345 Sep	10 j 14:43	24°♌16'14	18°04'50
	-345 Sep	15 j 06:20	0°♍	
morning set	-345 Sep	28 j 11:26	21°♍20'13	
	-345 Oct	03 j 16:09	0°♎	
superior conj	-345 Oct	12 j 06:02	13°♎57'57	0°15'15
minimum elong	-345 Oct	12 j 07:52	14°♎05'17	0°15'00
behind sun begin	-345 Oct	12 j 03:47	13°♎48'55	
behind sun end	-345 Oct	12 j 11:57	14°♎21'39	
desc. node	-345 Oct	14 j 13:46	17°♎40'23	
max. Earth dist.	-345 Oct	16 j 10:02	20°♎35'59	1.44682 AU
	-345 Oct	22 j 09:40	0°♏	
evening rise	-345 Oct	28 j 17:10	9°♏48'13	
	-345 Nov	10 j 22:41	0°♐	
greatest brilliancy	-345 Nov	11 j 06:52	0°♐30'25	-0.7m
evening max el	-345 Nov	23 j 13:28	16°♐50'39	19°56'31
retrograde	-345 Dec	01 j 03:27	21°♐16'48	
asc. node	-345 Dec	01 j 15:40	21°♐15'20	
evening set	-345 Dec	04 j 17:57	20°♐00'52	
inferior conj	-345 Dec	10 j 05:26	13°♐59'06	2°38'32
minimum elong	-345 Dec	10 j 02:39	14°♐08'23	2°37'41
min. Earth dist.	-345 Dec	11 j 03:34	12°♐45'30	0.66727 AU
morning rise	-345 Dec	15 j 11:10	7°♐46'16	
direct	-345 Dec	21 j 09:16	5°♐08'56	
morning max el	-344 Jan	02 j 07:15	12°♐13'57	25°16'41
desc. node	-344 Jan	10 j 13:00	21°♐47'09	
	-344 Jan	16 j 14:54	0°♑	
	-344 Feb	04 j 14:54	0°♒	
morning set	-344 Feb	07 j 13:13	5°♒11'48	
max. Earth dist.	-344 Feb	11 j 06:22	12°♒01'18	1.36554 AU
superior conj	-344 Feb	17 j 07:24	23°♒40'50	-1°31'54
minimum elong	-344 Feb	17 j 11:11	23°♒59'36	1°31'25
	-344 Feb	20 j 11:09	0°♓	
evening rise	-344 Feb	25 j 12:21	10°♓14'05	
asc. node	-344 Feb	27 j 14:59	14°♓27'19	
	-344 Mar	07 j 06:29	0°♈	
evening max el	-344 Mar	13 j 22:01	8°♈23'15	19°41'37
retrograde	-344 Mar	23 j 15:08	13°♈02'45	
evening set	-344 Mar	25 j 18:26	12°♈50'12	
inferior conj	-344 Apr	03 j 09:55	8°♈47'00	1°08'34
minimum elong	-344 Apr	03 j 12:45	8°♈42'33	1°07'37
min. Earth dist.	-344 Apr	05 j 19:53	7°♈16'14	0.55831 AU
desc. node	-344 Apr	07 j 12:09	6°♈16'44	
morning rise	-344 Apr	12 j 04:35	4°♈09'55	
direct	-344 Apr	16 j 11:34	3°♈28'49	
morning max el	-344 Apr	30 j 11:15	10°♈29'34	24°29'18

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-344 May 15 j 02:25	0°♉	
morning set	-344 May 25 j 18:21	20°♉25'52	
asc. node	-344 May 25 j 14:14	20°♉04'16	
	-344 May 30 j 05:22	0°♊	
superior conj	-344 Jun 01 j 18:45	5°♊33'20	1°09'22
minimum elong	-344 Jun 01 j 16:19	5°♊20'09	1°08'58
max. Earth dist.	-344 Jun 03 j 09:44	9°♊03'59	1.33100 AU
evening rise	-344 Jun 09 j 01:55	20°♊58'19	
	-344 Jun 13 j 16:03	0°♋	
	-344 Jul 02 j 04:27	0°♌	
desc. node	-344 Jul 04 j 11:26	2°♌58'06	
evening max el	-344 Jul 12 j 01:07	11°♌23'09	27°24'57
retrograde	-344 Jul 25 j 18:26	18°♌42'48	
evening set	-344 Aug 01 j 23:28	16°♌06'57	
min. Earth dist.	-344 Aug 05 j 13:31	13°♌04'05	0.63128 AU
inferior conj	-344 Aug 08 j 07:39	10°♌20'43	-3°48'38
minimum elong	-344 Aug 08 j 12:20	10°♌09'06	3°47'30
morning rise	-344 Aug 15 j 02:23	5°♌08'32	
direct	-344 Aug 17 j 15:22	4°♌38'04	
asc. node	-344 Aug 21 j 13:27	5°♌51'46	
morning max el	-344 Aug 24 j 06:25	8°♌03'14	17°53'31
	-344 Sep 07 j 16:37	0°♍	
morning set	-344 Sep 09 j 17:46	3°♍36'14	
superior conj	-344 Sep 21 j 12:56	23°♍55'58	0°56'52
minimum elong	-344 Sep 21 j 17:52	24°♍16'33	0°56'15
	-344 Sep 25 j 05:03	0°♎	
max. Earth dist.	-344 Sep 28 j 01:46	4°♎38'50	1.43652 AU
desc. node	-344 Sep 30 j 10:48	8°♎27'06	
evening rise	-344 Oct 06 j 23:50	18°♎43'06	
	-344 Oct 14 j 09:10	0°♏	
	-344 Nov 05 j 06:27	0°♐	
evening max el	-344 Nov 05 j 13:38	0°♐18'36	21°02'05
retrograde	-344 Nov 14 j 00:59	5°♐20'18	
asc. node	-344 Nov 17 j 12:43	4°♐11'25	
evening set	-344 Nov 18 j 01:19	3°♐48'52	
	-344 Nov 21 j 15:47	30°℞♏	
inferior conj	-344 Nov 23 j 10:24	27°♏36'48	1°55'44
minimum elong	-344 Nov 23 j 08:03	27°♏44'51	1°54'52
min. Earth dist.	-344 Nov 23 j 20:33	27°♏01'58	0.67346 AU
morning rise	-344 Nov 28 j 14:37	21°♏23'06	
direct	-344 Dec 03 j 21:38	19°♏05'00	
morning max el	-344 Dec 14 j 15:53	25°♏30'02	23°50'59
	-344 Dec 18 j 18:10	0°♐	
desc. node	-344 Dec 27 j 10:03	11°♐10'26	
	-343 Jan 09 j 03:55	0°♑	
morning set	-343 Jan 19 j 04:13	16°♑23'03	
max. Earth dist.	-343 Jan 23 j 01:49	23°♑10'31	1.38575 AU
	-343 Jan 26 j 20:36	0°♒	
superior conj	-343 Jan 30 j 09:11	6°♒34'05	-1°50'26
minimum elong	-343 Jan 30 j 12:33	6°♒49'59	1°50'11
evening rise	-343 Feb 08 j 09:25	24°♒02'06	
	-343 Feb 11 j 11:20	0°♓	
asc. node	-343 Feb 13 j 12:02	3°♓49'02	
evening max el	-343 Feb 24 j 20:20	20°♓34'48	18°50'21
retrograde	-343 Mar 05 j 01:44	24°♓33'36	
evening set	-343 Mar 07 j 09:21	24°♓15'53	
inferior conj	-343 Mar 15 j 05:59	19°♓56'51	2°36'16
minimum elong	-343 Mar 15 j 10:23	19°♓48'48	2°35'08
min. Earth dist.	-343 Mar 18 j 12:29	17°♓34'58	0.57380 AU
morning rise	-343 Mar 23 j 08:26	14°♓47'06	
desc. node	-343 Mar 25 j 09:12	14°♓03'46	
direct	-343 Mar 28 j 18:54	13°♓35'21	
morning max el	-343 Apr 12 j 02:43	21°♓04'08	26°01'12
	-343 Apr 19 j 20:28	0°♈	

	-343 May 07 j 15:15	0°♉	
morning set	-343 May 10 j 05:51	5°♉23'15	
asc. node	-343 May 12 j 11:17	10°♉07'43	
superior conj	-343 May 17 j 05:51	20°♉32'15	0°48'34
minimum elong	-343 May 17 j 03:55	20°♉21'35	0°48'11
max. Earth dist.	-343 May 17 j 20:12	21°♉50'48	1.32542 AU
	-343 May 21 j 14:25	0°♊	
evening rise	-343 May 24 j 06:28	5°♊37'55	
	-343 Jun 06 j 06:59	0°♋	
desc. node	-343 Jun 21 j 08:27	20°♋48'45	
evening max el	-343 Jun 24 j 06:45	23°♋48'08	27°02'46
	-343 Jul 03 j 02:52	0°♌	
retrograde	-343 Jul 08 j 05:09	1°♌05'30	
	-343 Jul 13 j 03:03	30°℞♋	
evening set	-343 Jul 15 j 04:57	28°♋53'32	
min. Earth dist.	-343 Jul 18 j 20:50	26°♋11'01	0.61215 AU
inferior conj	-343 Jul 22 j 01:30	23°♋23'54	-4°25'22
minimum elong	-343 Jul 22 j 05:11	23°♋15'50	4°24'50
morning rise	-343 Jul 29 j 07:07	18°♋32'26	
direct	-343 Jul 31 j 18:34	18°♋07'25	
morning max el	-343 Aug 07 j 20:06	21°♋37'42	18°00'51
asc. node	-343 Aug 08 j 10:30	22°♋13'56	
	-343 Aug 14 j 06:04	0°♌	
morning set	-343 Aug 23 j 18:15	16°♌44'26	
	-343 Aug 31 j 00:22	0°♍	
superior conj	-343 Sep 02 j 23:08	5°♍14'29	1°25'45
minimum elong	-343 Sep 03 j 03:33	5°♍33'56	1°25'19
max. Earth dist.	-343 Sep 10 j 12:16	18°♍08'38	1.42072 AU
evening rise	-343 Sep 16 j 14:28	28°♍02'46	
desc. node	-343 Sep 17 j 07:49	29°♍11'36	
	-343 Sep 17 j 20:03	0°♎	
	-343 Oct 08 j 02:24	0°♏	
evening max el	-343 Oct 19 j 08:07	13°♏47'35	22°17'34
retrograde	-343 Oct 28 j 20:48	19°♏27'36	
evening set	-343 Nov 02 j 09:00	17°♏38'59	
asc. node	-343 Nov 04 j 09:45	15°♏38'56	
inferior conj	-343 Nov 07 j 17:14	11°♏20'19	1°07'22
minimum elong	-343 Nov 07 j 15:44	11°♏25'32	1°06'46
min. Earth dist.	-343 Nov 07 j 16:33	11°♏22'42	0.67625 AU
morning rise	-343 Nov 12 j 22:18	5°♏08'06	
direct	-343 Nov 17 j 14:18	3°♏12'09	
morning max el	-343 Nov 27 j 02:55	8°♏50'43	22°23'39
	-343 Dec 13 j 13:45	0°♐	
desc. node	-343 Dec 14 j 07:05	1°♐02'48	
morning set	-343 Dec 30 j 14:56	26°♐10'46	
	-342 Jan 01 j 22:51	0°♑	
max. Earth dist.	-342 Jan 04 j 22:16	4°♑58'26	1.40693 AU
superior conj	-342 Jan 12 j 17:36	18°♑34'17	-2°00'36
minimum elong	-342 Jan 12 j 18:47	18°♑39'35	2°00'36
	-342 Jan 18 j 23:18	0°♒	
evening rise	-342 Jan 22 j 20:17	7°♒15'56	
asc. node	-342 Jan 31 j 09:05	22°♒43'57	
	-342 Feb 05 j 05:22	0°♓	
evening max el	-342 Feb 08 j 02:29	3°♓16'53	18°19'08
retrograde	-342 Feb 15 j 07:03	6°♓50'59	
evening set	-342 Feb 17 j 19:49	6°♓25'33	
inferior conj	-342 Feb 24 j 23:03	1°♓45'53	3°28'24
minimum elong	-342 Feb 25 j 02:05	1°♓39'27	3°27'58
	-342 Feb 27 j 00:41	30°℞♒	
min. Earth dist.	-342 Feb 28 j 09:05	28°♒53'03	0.59382 AU
morning rise	-342 Mar 04 j 06:03	26°♒11'14	
direct	-342 Mar 10 j 15:24	24°♒21'24	
desc. node	-342 Mar 12 j 06:14	24°♒28'17	
	-342 Mar 22 j 16:40	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-342 Mar 24 j 22:40	2°♓04'27	27°09'20
	-342 Apr 14 j 02:35	0°♈	
morning set	-342 Apr 24 j 15:12	20°♈12'44	
asc. node	-342 Apr 29 j 08:21	0°♉17'20	
	-342 Apr 29 j 05:10	0°♉	
superior conj	-342 May 01 j 17:37	5°♉30'50	0°25'02
minimum elong	-342 May 01 j 16:31	5°♉24'49	0°24'48
max. Earth dist.	-342 May 01 j 08:58	4°♉43'23	1.32351 AU
evening rise	-342 May 08 j 15:26	20°♉29'02	
	-342 May 13 j 07:40	0°♊	
	-342 Jun 01 j 04:15	0°♋	
evening max el	-342 Jun 06 j 06:09	5°♋29'16	26°08'12
desc. node	-342 Jun 08 j 05:28	7°♋15'50	
retrograde	-342 Jun 20 j 07:13	12°♋42'33	
evening set	-342 Jun 26 j 13:36	11°♋06'25	
min. Earth dist.	-342 Jun 30 j 19:01	8°♋27'43	0.59160 AU
inferior conj	-342 Jul 04 j 02:59	5°♋56'18	-4°42'52
minimum elong	-342 Jul 04 j 03:40	5°♋55'00	4°42'50
morning rise	-342 Jul 11 j 19:58	1°♋27'04	
direct	-342 Jul 14 j 08:02	1°♋05'38	
morning max el	-342 Jul 22 j 04:43	4°♋51'16	18°28'01
asc. node	-342 Jul 26 j 07:33	9°♋40'23	
morning set	-342 Aug 07 j 07:51	0°♌31'24	
	-342 Aug 07 j 01:19	0°♌	
superior conj	-342 Aug 16 j 08:38	17°♌42'27	1°41'53
minimum elong	-342 Aug 16 j 11:00	17°♌53'24	1°41'45
	-342 Aug 23 j 04:36	0°♍	
max. Earth dist.	-342 Aug 23 j 17:43	0°♍57'01	1.40156 AU
evening rise	-342 Aug 28 j 02:47	8°♍23'36	
desc. node	-342 Sep 04 j 04:48	19°♍50'04	
	-342 Sep 10 j 21:01	0°♎	
evening max el	-342 Oct 01 j 22:11	27°♎18'51	23°37'41
	-342 Oct 04 j 20:29	0°♏	
retrograde	-342 Oct 12 j 13:26	3°♏35'22	
evening set	-342 Oct 17 j 15:20	1°♏28'35	
	-342 Oct 19 j 03:57	30°℞♎	
asc. node	-342 Oct 22 j 06:47	26°♎06'16	
min. Earth dist.	-342 Oct 22 j 13:05	25°♎44'50	0.67589 AU
inferior conj	-342 Oct 23 j 00:08	25°♎07'06	0°14'58
minimum elong	-342 Oct 22 j 23:47	25°♎08'19	0°14'49
transit middle	-342 Oct 22 j 23:47	25°♎08'19	0°14'49
transit begin	-342 Oct 22 j 22:39	25°♎12'11	
transit end	-342 Oct 23 j 00:55	25°♎04'27	
morning rise	-342 Oct 28 j 08:09	18°♎58'56	
direct	-342 Nov 01 j 10:12	17°♎25'08	
morning max el	-342 Nov 09 j 19:47	22°♎19'19	21°02'33
	-342 Nov 16 j 07:42	0°♏	
desc. node	-342 Dec 01 j 04:06	21°♏15'26	
	-342 Dec 06 j 21:39	0°♐	
morning set	-342 Dec 09 j 22:19	4°♐42'26	
max. Earth dist.	-342 Dec 18 j 01:46	17°♐42'44	1.42614 AU
superior conj	-342 Dec 25 j 03:03	29°♐27'16	-1°58'07
minimum elong	-342 Dec 25 j 00:00	29°♐14'21	1°58'00
	-342 Dec 25 j 10:44	0°♑	
evening rise	-341 Jan 05 j 17:03	19°♑46'39	
	-341 Jan 11 j 10:44	0°♒	
asc. node	-341 Jan 18 j 06:06	11°♒02'59	
evening max el	-341 Jan 22 j 13:15	16°♒19'43	18°07'43
retrograde	-341 Jan 29 j 04:30	19°♒44'55	
evening set	-341 Jan 31 j 21:43	19°♒10'28	
inferior conj	-341 Feb 07 j 10:56	14°♒09'21	3°49'47
minimum elong	-341 Feb 07 j 11:39	14°♒07'35	3°49'45
min. Earth dist.	-341 Feb 10 j 12:32	11°♒10'30	0.61475 AU
morning rise	-341 Feb 14 j 00:13	8°♒18'24	
direct	-341 Feb 20 j 22:01	5°♒54'42	
desc. node	-341 Feb 27 j 03:17	7°♒37'49	
morning max el	-341 Mar 07 j 00:52	13°♒44'21	27°43'43
	-341 Mar 20 j 02:23	0°♓	
	-341 Apr 06 j 11:27	0°♈	
morning set	-341 Apr 08 j 20:30	4°♈47'38	
max. Earth dist.	-341 Apr 14 j 20:18	17°♈28'41	1.32524 AU
superior conj	-341 Apr 16 j 04:21	20°♈23'02	-0°00'28
minimum elong	-341 Apr 16 j 04:22	20°♈23'08	0°00'27
behind sun begin	-341 Apr 15 j 23:17	19°♈55'26	
behind sun end	-341 Apr 16 j 09:27	20°♈50'52	
asc. node	-341 Apr 16 j 05:24	20°♈28'46	
	-341 Apr 20 j 14:12	0°♉	
evening rise	-341 Apr 23 j 02:44	5°♉24'13	
	-341 May 06 j 04:50	0°♊	
evening max el	-341 May 18 j 23:11	16°♊28'35	24°47'31
desc. node	-341 May 26 j 02:29	21°♊46'47	
retrograde	-341 Jun 01 j 22:28	23°♊33'22	
evening set	-341 Jun 06 j 23:19	22°♊35'49	
min. Earth dist.	-341 Jun 12 j 10:41	19°♊44'05	0.57221 AU
inferior conj	-341 Jun 15 j 09:01	17°♊48'42	-4°29'27
minimum elong	-341 Jun 15 j 05:07	17°♊55'08	4°29'00
morning rise	-341 Jun 23 j 13:42	13°♊40'29	
direct	-341 Jun 26 j 03:40	13°♊21'31	
morning max el	-341 Jul 05 j 05:22	17°♊35'06	19°16'05
asc. node	-341 Jul 13 j 04:37	27°♊57'04	
	-341 Jul 14 j 10:05	0°♋	
morning set	-341 Jul 22 j 06:46	14°♋47'19	
	-341 Jul 29 j 22:34	0°♌	
superior conj	-341 Jul 30 j 11:51	1°♌04'45	1°47'19
minimum elong	-341 Jul 30 j 12:06	1°♌05'57	1°47'19
max. Earth dist.	-341 Aug 05 j 21:00	13°♌07'54	1.38148 AU
evening rise	-341 Aug 09 j 16:09	19°♌56'09	
	-341 Aug 15 j 14:14	0°♍	
desc. node	-341 Aug 22 j 01:49	10°♍18'36	
	-341 Sep 04 j 23:15	0°♎	
evening max el	-341 Sep 14 j 10:00	10°♎53'57	24°55'43
retrograde	-341 Sep 26 j 02:06	17°♎40'43	
evening set	-341 Oct 01 j 18:40	15°♎16'29	
min. Earth dist.	-341 Oct 06 j 07:47	10°♎07'21	0.67237 AU
inferior conj	-341 Oct 07 j 05:27	8°♎55'53	-0°39'56
minimum elong	-341 Oct 07 j 06:26	8°♎52'37	0°39'31
asc. node	-341 Oct 09 j 03:49	6°♎27'07	
morning rise	-341 Oct 12 j 18:17	2°♎54'31	
direct	-341 Oct 16 j 08:06	1°♎40'46	
morning max el	-341 Oct 23 j 20:25	5°♎58'55	19°53'01
	-341 Nov 10 j 09:32	0°♏	
desc. node	-341 Nov 18 j 01:07	11°♏42'50	
morning set	-341 Nov 18 j 18:53	12°♏51'25	
	-341 Nov 29 j 17:40	0°♐	
max. Earth dist.	-341 Nov 30 j 13:05	1°♐17'13	1.44069 AU
superior conj	-341 Dec 05 j 09:38	9°♐05'29	-1°38'37
minimum elong	-341 Dec 05 j 02:11	8°♐35'19	1°37'59
	-341 Dec 17 j 23:09	0°♑	
evening rise	-341 Dec 18 j 19:29	1°♑26'36	
asc. node	-340 Jan 05 j 03:08	28°♑35'29	
evening max el	-340 Jan 06 j 01:44	29°♑35'43	18°15'32
	-340 Jan 06 j 11:36	0°♒	
retrograde	-340 Jan 12 j 13:32	3°♒05'12	
evening set	-340 Jan 15 j 11:09	2°♒20'58	
	-340 Jan 18 j 16:11	30°℞♑	
inferior conj	-340 Jan 21 j 13:47	26°♑59'47	3°48'09
minimum elong	-340 Jan 21 j 12:34	27°♑03'08	3°48'03
min. Earth dist.	-340 Jan 24 j 01:21	24°♑16'24	0.63390 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-340 Jan 27 j 13:15	20°♑58'30		
direct	-340 Feb 03 j 12:59	18°♑13'09		
desc. node	-340 Feb 14 j 00:20	23°♑01'36		
morning max el	-340 Feb 17 j 08:13	26°♑04'08	27°41'08	
	-340 Feb 21 j 00:14	0°♒		
	-340 Mar 12 j 14:51	0°♓		
morning set	-340 Mar 22 j 19:24	19°♓00'00		
max. Earth dist.	-340 Mar 28 j 02:11	29°♓52'50	1.33086 AU	
	-340 Mar 28 j 03:32	0°♈		
superior conj	-340 Mar 30 j 12:19	5°♈02'47	-0°27'03	
minimum elong	-340 Mar 30 j 13:37	5°♈09'43	0°26'46	
asc. node	-340 Apr 02 j 02:27	10°♈37'39		
evening rise	-340 Apr 06 j 14:30	20°♈16'32		
	-340 Apr 11 j 08:57	0°♉		
evening max el	-340 Apr 29 j 13:47	27°♉04'13	23°13'22	
	-340 May 03 j 00:11	0°♊		
desc. node	-340 May 11 j 23:32	3°♊44'43		
retrograde	-340 May 13 j 01:25	3°♊47'21		
evening set	-340 May 16 j 15:38	3°♊19'01		
min. Earth dist.	-340 May 23 j 23:35	0°♊00'41	0.55736 AU	
	-340 May 24 j 00:03	30°℞♉		
inferior conj	-340 May 25 j 19:13	28°♉56'44	-3°33'27	
minimum elong	-340 May 25 j 12:09	29°♉07'08	3°31'44	
morning rise	-340 Jun 03 j 11:20	25°♉01'52		
direct	-340 Jun 06 j 04:06	24°♉44'17		
morning max el	-340 Jun 16 j 19:43	29°♉40'00	20°25'00	
	-340 Jun 17 j 04:13	0°♊		
asc. node	-340 Jun 29 j 01:40	16°♊51'24		
morning set	-340 Jul 05 j 11:59	29°♊23'08		
	-340 Jul 05 j 19:12	0°♋		
superior conj	-340 Jul 13 j 03:41	15°♋05'49	1°44'16	
minimum elong	-340 Jul 13 j 02:21	14°♋59'07	1°44'13	
max. Earth dist.	-340 Jul 18 j 03:06	24°♋57'43	1.36288 AU	
	-340 Jul 20 j 18:35	0°♌		
evening rise	-340 Jul 22 j 03:17	2°♌32'02		
desc. node	-340 Aug 07 j 22:51	0°♍31'00		
	-340 Aug 07 j 14:33	0°♍		
evening max el	-340 Aug 26 j 21:23	24°♍30'11	26°04'24	
	-340 Sep 02 j 21:52	0°♎		
retrograde	-340 Sep 08 j 10:09	1°♎37'52		
	-340 Sep 13 j 09:25	30°℞♍		
evening set	-340 Sep 14 j 17:06	28°♍59'32		
min. Earth dist.	-340 Sep 18 j 22:18	24°♍26'54	0.66548 AU	
inferior conj	-340 Sep 20 j 07:19	22°♍43'43	-1°35'50	
minimum elong	-340 Sep 20 j 09:45	22°♍36'10	1°34'52	
asc. node	-340 Sep 25 j 00:52	17°♍36'55		
morning rise	-340 Sep 26 j 02:42	16°♍51'58		
direct	-340 Sep 29 j 06:24	15°♍54'54		
morning max el	-340 Oct 06 j 04:12	19°♍47'05	18°58'04	
	-340 Oct 14 j 03:02	0°♎		
morning set	-340 Oct 28 j 05:13	21°♎47'51		
	-340 Nov 02 j 10:26	0°♏		
desc. node	-340 Nov 03 j 22:10	2°♏20'15		
max. Earth dist.	-340 Nov 12 j 05:25	15°♏22'49	1.44878 AU	
superior conj	-340 Nov 13 j 17:02	17°♏43'06	-1°01'11	
minimum elong	-340 Nov 13 j 09:42	17°♏14'11	1°00'20	
	-340 Nov 21 j 10:45	0°♐		
evening rise	-340 Nov 28 j 23:34	12°♐08'58		
	-340 Dec 10 j 00:55	0°♑		
evening max el	-340 Dec 19 j 13:19	12°♑59'15	18°41'43	
asc. node	-340 Dec 22 j 00:10	15°♑08'29		
retrograde	-340 Dec 26 j 05:55	16°♑43'54		
evening set	-340 Dec 29 j 08:46	15°♑48'47		
inferior conj	-339 Jan 04 j 03:44	10°♑09'49	3°30'01	
minimum elong	-339 Jan 04 j 01:21	10°♑17'02	3°29'36	
min. Earth dist.	-339 Jan 06 j 00:02	7°♑56'14	0.64981 AU	
morning rise	-339 Jan 09 j 17:32	4°♑02'06		
direct	-339 Jan 16 j 11:10	1°♑09'46		
morning max el	-339 Jan 29 j 17:53	8°♑53'34	27°04'38	
desc. node	-339 Jan 30 j 21:23	10°♑04'06		
	-339 Feb 15 j 06:43	0°♒		
	-339 Mar 04 j 23:25	0°♓		
morning set	-339 Mar 06 j 08:52	2°♓40'10		
max. Earth dist.	-339 Mar 10 j 22:36	11°♓44'17	1.34075 AU	
superior conj	-339 Mar 14 j 15:33	19°♓23'48	-0°53'38	
minimum elong	-339 Mar 14 j 18:05	19°♓37'08	0°53'09	
asc. node	-339 Mar 19 j 23:30	0°♈40'03		
	-339 Mar 19 j 15:56	0°♈		
evening rise	-339 Mar 22 j 00:55	4°♈59'41		
	-339 Apr 04 j 20:51	0°♉		
evening max el	-339 Apr 11 j 09:13	7°♉47'21	21°40'35	
retrograde	-339 Apr 23 j 17:44	13°♉48'44		
evening set	-339 Apr 26 j 06:01	13°♉34'31		
desc. node	-339 Apr 28 j 20:34	12°♉51'58		
inferior conj	-339 May 05 j 15:50	9°♉31'55	-1°54'46	
minimum elong	-339 May 05 j 10:36	9°♉39'16	1°53'00	
min. Earth dist.	-339 May 05 j 12:38	9°♉36'25	0.55031 AU	
morning rise	-339 May 14 j 16:05	5°♉34'09		
direct	-339 May 17 j 15:58	5°♉14'25		
morning max el	-339 May 29 j 23:06	11°♉02'36	21°52'13	
	-339 Jun 12 j 15:16	0°♊		
asc. node	-339 Jun 15 j 22:45	6°♊14'16		
morning set	-339 Jun 19 j 21:16	14°♊12'33		
superior conj	-339 Jun 27 j 04:16	29°♊34'03	1°34'37	
minimum elong	-339 Jun 27 j 02:03	29°♊22'23	1°34'25	
	-339 Jun 27 j 09:14	0°♋		
max. Earth dist.	-339 Jun 30 j 17:10	6°♋52'43	1.34751 AU	
evening rise	-339 Jul 05 j 07:16	15°♋58'27		
	-339 Jul 12 j 23:04	0°♌		
desc. node	-339 Jul 25 j 19:53	20°♌19'47		
	-339 Aug 02 j 02:29	0°♍		
evening max el	-339 Aug 09 j 09:13	8°♍01'48	26°55'56	
retrograde	-339 Aug 22 j 13:06	15°♍19'47		
evening set	-339 Aug 29 j 08:22	12°♍34'13		
min. Earth dist.	-339 Sep 02 j 06:20	8°♍38'43	0.65502 AU	
inferior conj	-339 Sep 04 j 03:44	6°♍27'02	-2°30'49	
minimum elong	-339 Sep 04 j 07:28	6°♍16'12	2°29'29	
morning rise	-339 Sep 10 j 07:10	0°♍47'54		
asc. node	-339 Sep 11 j 21:56	0°♍12'00		
direct	-339 Sep 13 j 03:11	0°♍03'48		
morning max el	-339 Sep 19 j 17:06	3°♍39'07	18°19'17	
	-339 Oct 07 j 12:00	0°♎		
morning set	-339 Oct 08 j 19:08	2°♎07'13		
desc. node	-339 Oct 21 j 19:12	23°♎03'54		
superior conj	-339 Oct 23 j 17:57	26°♎08'56	-0°12'46	
minimum elong	-339 Oct 23 j 16:17	26°♎02'20	0°12'32	
behind sun begin	-339 Oct 23 j 09:06	25°♎33'57		
behind sun end	-339 Oct 23 j 23:28	26°♎30'43		
max. Earth dist.	-339 Oct 25 j 23:51	29°♎41'25	1.44963 AU	
	-339 Oct 26 j 04:34	0°♏		
evening rise	-339 Nov 09 j 03:53	21°♏53'01		
	-339 Nov 14 j 08:27	0°♐		
greatest brilliancy	-339 Nov 20 j 08:25	9°♐17'50	-0.7m	
evening max el	-339 Dec 02 j 21:46	26°♐26'17	19°24'53	
	-339 Dec 07 j 13:20	0°♑		
asc. node	-339 Dec 08 j 21:12	0°♑26'51		
retrograde	-339 Dec 10 j 02:10	0°♑35'00		
	-339 Dec 12 j 12:56	30°℞♐		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-339 Dec 13 j 11:51	29°♐27'20	
inferior conj	-339 Dec 19 j 01:31	23°♐33'16	2°59'57
minimum elong	-339 Dec 18 j 22:42	23°♐42'23	2°59'13
min. Earth dist.	-339 Dec 20 j 07:22	21°♐56'47	0.66200 AU
morning rise	-339 Dec 24 j 09:17	17°♐21'42	
direct	-339 Dec 30 j 15:32	14°♐35'44	
morning max el	-338 Jan 12 j 03:12	21°♐59'05	26°01'22
desc. node	-338 Jan 17 j 18:26	28°♐16'11	
	-338 Jan 19 j 04:09	0°♑	
	-338 Feb 08 j 12:32	0°♒	
morning set	-338 Feb 17 j 08:40	15°♒34'14	
max. Earth dist.	-338 Feb 21 j 06:58	23°♒00'31	1.35523 AU
	-338 Feb 24 j 20:14	0°♓	
superior conj	-338 Feb 26 j 11:29	3°♓17'38	-1°18'49
minimum elong	-338 Feb 26 j 15:00	3°♓35'28	1°18'17
evening rise	-338 Mar 06 j 07:57	19°♓26'13	
asc. node	-338 Mar 06 j 20:33	20°♓30'33	
	-338 Mar 11 j 15:57	0°♈	
evening max el	-338 Mar 24 j 14:43	19°♈00'22	20°20'04
retrograde	-338 Apr 04 j 07:23	24°♈08'22	
evening set	-338 Apr 06 j 10:30	23°♈57'01	
inferior conj	-338 Apr 15 j 11:38	19°♈59'07	0°04'16
minimum elong	-338 Apr 15 j 11:50	19°♈58'50	0°04'12
transit middle	-338 Apr 15 j 11:50	19°♈58'50	0°04'12
transit begin	-338 Apr 15 j 07:56	20°♈04'33	
transit end	-338 Apr 15 j 15:43	19°♈53'06	
desc. node	-338 Apr 15 j 17:37	19°♈50'19	
min. Earth dist.	-338 Apr 17 j 02:26	19°♈02'09	0.55276 AU
morning rise	-338 Apr 24 j 11:33	15°♈40'02	
direct	-338 Apr 28 j 04:38	15°♈10'01	
morning max el	-338 May 11 j 17:28	21°♈48'09	23°31'20
	-338 May 18 j 20:12	0°♉	
asc. node	-338 Jun 02 j 19:49	25°♉57'37	
morning set	-338 Jun 04 j 08:44	29°♉09'31	
	-338 Jun 04 j 18:19	0°♊	
superior conj	-338 Jun 11 j 10:40	14°♊19'57	1°19'48
minimum elong	-338 Jun 11 j 08:09	14°♊06'28	1°19'27
max. Earth dist.	-338 Jun 13 j 17:02	19°♊09'53	1.33595 AU
evening rise	-338 Jun 18 j 23:34	0°♋02'03	
	-338 Jun 18 j 23:09	0°♋	
	-338 Jul 05 j 23:54	0°♌	
desc. node	-338 Jul 12 j 16:54	9°♌34'59	
evening max el	-338 Jul 22 j 20:38	21°♌18'32	27°22'59
retrograde	-338 Aug 05 j 10:14	28°♌38'23	
evening set	-338 Aug 12 j 13:33	25°♌55'40	
min. Earth dist.	-338 Aug 16 j 05:45	22°♌35'10	0.64093 AU
inferior conj	-338 Aug 18 j 16:16	20°♌00'55	-3°22'13
minimum elong	-338 Aug 18 j 20:52	19°♌48'47	3°20'52
morning rise	-338 Aug 25 j 05:04	14°♌37'39	
direct	-338 Aug 27 j 19:55	14°♌03'01	
asc. node	-338 Aug 29 j 19:00	14°♌22'40	
morning max el	-338 Sep 03 j 08:33	17°♌29'39	17°57'42
	-338 Sep 12 j 09:03	0°♍	
morning set	-338 Sep 20 j 12:22	13°♍46'12	
	-338 Sep 30 j 03:19	0°♎	
superior conj	-338 Oct 03 j 10:01	5°♎22'45	0°34'18
minimum elong	-338 Oct 03 j 13:42	5°♎37'43	0°33'48
max. Earth dist.	-338 Oct 08 j 17:42	13°♎56'32	1.44324 AU
desc. node	-338 Oct 08 j 16:13	13°♎50'40	
	-338 Oct 18 j 23:51	0°♏	
evening rise	-338 Oct 19 j 14:24	0°♏56'06	
	-338 Nov 08 j 02:07	0°♐	
evening max el	-338 Nov 16 j 01:22	9°♐55'01	20°23'01
retrograde	-338 Nov 23 j 23:45	14°♐35'17	
asc. node	-338 Nov 25 j 18:14	14°♐17'24	
evening set	-338 Nov 27 j 18:12	13°♐13'02	
inferior conj	-338 Dec 03 j 04:29	7°♐06'44	2°21'09
minimum elong	-338 Dec 03 j 01:50	7°♐15'42	2°20'16
min. Earth dist.	-338 Dec 03 j 21:24	6°♐09'37	0.67038 AU
morning rise	-338 Dec 08 j 09:16	0°♐53'25	
	-338 Dec 09 j 11:37	30°℞♏	
direct	-338 Dec 14 j 01:12	28°♏23'27	
	-338 Dec 19 j 03:20	0°♐	
morning max el	-338 Dec 25 j 11:34	5°♐12'14	24°40'57
desc. node	-337 Jan 04 j 15:29	17°♐17'55	
	-337 Jan 13 j 15:17	0°♑	
morning set	-337 Jan 30 j 13:23	27°♑27'20	
	-337 Jan 31 j 23:45	0°♒	
max. Earth dist.	-337 Feb 03 j 05:20	4°♒02'17	1.37389 AU
superior conj	-337 Feb 09 j 21:02	16°♒36'04	-1°40'33
minimum elong	-337 Feb 10 j 00:49	16°♒54'26	1°40'10
	-337 Feb 16 j 15:19	0°♓	
evening rise	-337 Feb 18 j 09:24	3°♓30'13	
asc. node	-337 Feb 21 j 17:35	10°♓04'17	
	-337 Mar 06 j 11:00	0°♈	
evening max el	-337 Mar 07 j 07:18	0°♈50'58	19°17'21
retrograde	-337 Mar 16 j 07:43	5°♈10'51	
evening set	-337 Mar 18 j 12:46	4°♈56'23	
inferior conj	-337 Mar 26 j 20:18	0°♈47'20	1°50'03
minimum elong	-337 Mar 27 j 00:16	0°♈40'43	1°48'49
	-337 Mar 28 j 00:36	30°℞♓	
min. Earth dist.	-337 Mar 29 j 17:15	28°♓53'10	0.56419 AU
desc. node	-337 Apr 02 j 14:39	26°♓40'28	
morning rise	-337 Apr 04 j 08:57	25°♓56'19	
direct	-337 Apr 09 j 03:55	25°♓03'35	
	-337 Apr 20 j 17:59	0°♈	
morning max el	-337 Apr 23 j 07:59	2°♈17'31	25°10'26
	-337 May 12 j 18:12	0°♉	
morning set	-337 May 19 j 20:41	14°♉08'22	
asc. node	-337 May 20 j 16:52	15°♉55'12	
superior conj	-337 May 26 j 20:35	29°♉15'46	1°00'55
minimum elong	-337 May 26 j 18:18	29°♉03'21	1°00'31
	-337 May 27 j 04:42	0°♊	
max. Earth dist.	-337 May 28 j 00:43	1°♊48'57	1.32821 AU
evening rise	-337 Jun 03 j 00:28	14°♊31'14	
	-337 Jun 11 j 00:29	0°♋	
desc. node	-337 Jun 29 j 13:56	28°♋02'05	
	-337 Jul 01 j 06:35	0°♌	
evening max el	-337 Jul 05 j 05:14	4°♌06'15	27°19'40
retrograde	-337 Jul 19 j 00:43	11°♌24'11	
evening set	-337 Jul 26 j 04:55	8°♌57'03	
min. Earth dist.	-337 Jul 29 j 18:53	6°♌04'30	0.62347 AU
inferior conj	-337 Aug 01 j 17:55	3°♌17'50	-4°06'00
minimum elong	-337 Aug 01 j 22:24	3°♌07'17	4°05'04
	-337 Aug 05 j 13:34	30°℞♋	
morning rise	-337 Aug 08 j 17:10	28°♋13'55	
direct	-337 Aug 11 j 05:21	27°♋45'54	
asc. node	-337 Aug 16 j 16:03	0°♌00'58	
	-337 Aug 16 j 15:35	0°♌	
morning max el	-337 Aug 17 j 23:41	1°♌11'55	17°54'15
morning set	-337 Sep 03 j 03:09	26°♌26'43	
	-337 Sep 05 j 02:42	0°♍	
superior conj	-337 Sep 14 j 04:40	15°♍55'17	1°10'46
minimum elong	-337 Sep 14 j 09:43	16°♍16'47	1°10'11
max. Earth dist.	-337 Sep 21 j 07:55	27°♍49'08	1.43042 AU
	-337 Sep 22 j 16:10	0°♎	
desc. node	-337 Sep 25 j 13:14	4°♎36'49	
evening rise	-337 Sep 28 j 22:17	9°♎56'08	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-337 Oct 12 j 04:38	0°♏	
evening max el	-337 Oct 29 j 23:06	23°♏23'27	21°33'15
retrograde	-337 Nov 07 j 20:38	28°♏40'49	
evening set	-337 Nov 12 j 01:54	27°♏02'03	
asc. node	-337 Nov 12 j 15:17	26°♏33'59	
inferior conj	-337 Nov 17 j 10:27	20°♏46'49	1°35'46
minimum elong	-337 Nov 17 j 08:25	20°♏53'49	1°34'59
min. Earth dist.	-337 Nov 17 j 15:49	20°♏28'14	0.67512 AU
morning rise	-337 Nov 22 j 14:47	14°♏33'43	
direct	-337 Nov 27 j 15:22	12°♏25'00	
morning max el	-337 Dec 07 j 20:46	18°♏29'47	23°13'29
	-337 Dec 17 j 11:50	0°♐	
desc. node	-337 Dec 22 j 12:30	6°♐54'33	
	-336 Jan 06 j 18:49	0°♑	
morning set	-336 Jan 11 j 16:46	8°♑03'26	
max. Earth dist.	-336 Jan 16 j 00:41	15°♑26'08	1.39488 AU
superior conj	-336 Jan 23 j 16:02	29°♑08'10	-1°56'00
minimum elong	-336 Jan 23 j 18:44	29°♑20'37	1°55'53
	-336 Jan 24 j 03:13	0°♒	
evening rise	-336 Feb 02 j 02:31	17°♒04'42	
asc. node	-336 Feb 08 j 14:37	29°♒15'28	
	-336 Feb 09 j 00:41	0°♓	
evening max el	-336 Feb 18 j 09:14	13°♓16'06	18°34'33
retrograde	-336 Feb 26 j 02:37	17°♓02'38	
evening set	-336 Feb 28 j 12:30	16°♓41'48	
inferior conj	-336 Mar 07 j 01:18	12°♓13'50	3°02'39
minimum elong	-336 Mar 07 j 05:22	12°♓05'55	3°01'47
min. Earth dist.	-336 Mar 10 j 10:58	9°♓36'08	0.58197 AU
morning rise	-336 Mar 14 j 19:31	6°♓52'25	
desc. node	-336 Mar 19 j 11:41	5°♓28'45	
direct	-336 Mar 20 j 16:37	5°♓25'03	
morning max el	-336 Apr 04 j 00:59	13°♓00'35	26°34'02
	-336 Apr 17 j 10:08	0°♈	
morning set	-336 May 03 j 07:30	29°♈03'37	
	-336 May 03 j 18:14	0°♉	
asc. node	-336 May 06 j 13:54	6°♉02'01	
superior conj	-336 May 10 j 08:10	14°♉15'27	0°38'52
minimum elong	-336 May 10 j 06:33	14°♉06'31	0°38'32
max. Earth dist.	-336 May 10 j 12:49	14°♉40'58	1.32414 AU
evening rise	-336 May 17 j 07:11	29°♉16'55	
	-336 May 17 j 15:26	0°♊	
	-336 Jun 03 j 06:51	0°♋	
desc. node	-336 Jun 15 j 10:56	15°♋21'07	
evening max el	-336 Jun 16 j 08:21	16°♋13'17	26°43'18
retrograde	-336 Jun 30 j 07:50	23°♋29'00	
evening set	-336 Jul 07 j 02:05	21°♋30'52	
min. Earth dist.	-336 Jul 10 j 21:47	18°♋52'34	0.60349 AU
inferior conj	-336 Jul 14 j 05:16	16°♋09'28	-4°35'45
minimum elong	-336 Jul 14 j 07:56	16°♋03'57	4°35'30
morning rise	-336 Jul 21 j 15:42	11°♋27'37	
direct	-336 Jul 24 j 03:19	11°♋04'12	
morning max el	-336 Jul 31 j 11:38	14°♋39'12	18°09'58
asc. node	-336 Aug 02 j 13:07	16°♋52'44	
	-336 Aug 11 j 01:16	0°♌	
morning set	-336 Aug 16 j 09:49	9°♌53'22	
superior conj	-336 Aug 26 j 01:34	27°♌46'08	1°34'02
minimum elong	-336 Aug 26 j 05:12	28°♌02'26	1°33'45
	-336 Aug 27 j 07:29	0°♍	
max. Earth dist.	-336 Sep 02 j 16:29	11°♍03'29	1.41288 AU
evening rise	-336 Sep 07 j 21:08	19°♍39'04	
desc. node	-336 Sep 11 j 10:15	25°♍19'20	
	-336 Sep 14 j 10:10	0°♎	
	-336 Oct 05 j 14:18	0°♏	
evening max el	-336 Oct 11 j 15:22	6°♏52'43	22°51'18
retrograde	-336 Oct 21 j 15:19	12°♏48'56	
evening set	-336 Oct 26 j 09:14	10°♏52'22	
asc. node	-336 Oct 29 j 12:19	7°♏30'49	
inferior conj	-336 Oct 31 j 17:31	4°♏31'49	0°45'32
minimum elong	-336 Oct 31 j 16:29	4°♏35'26	0°45'05
min. Earth dist.	-336 Oct 31 j 12:19	4°♏49'48	0.67653 AU
	-336 Nov 04 j 06:23	30°℞♎	
morning rise	-336 Nov 05 j 23:37	28°♎21'07	
direct	-336 Nov 10 j 09:25	26°♎35'01	
	-336 Nov 17 j 09:42	0°♏	
morning max el	-336 Nov 19 j 10:07	1°♏54'02	21°47'57
desc. node	-336 Dec 08 j 09:31	26°♏56'08	
	-336 Dec 10 j 10:57	0°♐	
morning set	-336 Dec 21 j 14:59	17°♐15'39	
max. Earth dist.	-336 Dec 27 j 23:57	27°♐38'14	1.41551 AU
	-336 Dec 29 j 09:54	0°♑	
superior conj	-335 Jan 04 j 15:17	10°♑40'44	-2°01'23
minimum elong	-335 Jan 04 j 14:53	10°♑38'59	2°01'23
evening rise	-335 Jan 15 j 07:54	0°♒01'16	
	-335 Jan 15 j 07:37	0°♒	
asc. node	-335 Jan 25 j 11:38	17°♒56'15	
evening max el	-335 Jan 31 j 17:39	26°♒07'36	18°11'52
retrograde	-335 Feb 07 j 15:27	29°♒36'34	
evening set	-335 Feb 10 j 06:02	29°♒07'32	
inferior conj	-335 Feb 17 j 02:51	24°♒18'41	3°40'49
minimum elong	-335 Feb 17 j 04:54	24°♒14'01	3°40'36
min. Earth dist.	-335 Feb 20 j 10:20	21°♒20'06	0.60271 AU
morning rise	-335 Feb 24 j 01:51	18°♒35'46	
direct	-335 Mar 02 j 17:37	16°♒30'28	
desc. node	-335 Mar 06 j 08:43	17°♒05'30	
morning max el	-335 Mar 16 j 23:51	24°♒17'51	27°28'34
	-335 Mar 22 j 04:26	0°♓	
	-335 Apr 10 j 15:07	0°♈	
morning set	-335 Apr 17 j 15:23	13°♈47'53	
asc. node	-335 Apr 23 j 10:56	26°♈12'48	
max. Earth dist.	-335 Apr 24 j 01:25	27°♈31'53	1.32371 AU
superior conj	-335 Apr 24 j 19:41	29°♈11'56	0°14'25
minimum elong	-335 Apr 24 j 19:02	29°♈08'22	0°14'16
behind sun begin	-335 Apr 24 j 16:51	28°♈56'25	
behind sun end	-335 Apr 24 j 21:13	29°♈20'19	
	-335 Apr 25 j 04:27	0°♉	
evening rise	-335 May 01 j 17:21	14°♉10'16	
	-335 May 09 j 16:56	0°♊	
evening max el	-335 May 29 j 04:33	27°♊34'21	25°36'26
	-335 May 31 j 22:46	0°♋	
desc. node	-335 Jun 02 j 07:59	1°♋03'03	
retrograde	-335 Jun 12 j 05:51	4°♋45'56	
evening set	-335 Jun 18 j 00:57	3°♋26'19	
min. Earth dist.	-335 Jun 22 j 16:44	0°♋44'00	0.58297 AU
	-335 Jun 23 j 17:56	30°℞♊	
inferior conj	-335 Jun 25 j 22:41	28°♊25'14	-4°41'44
minimum elong	-335 Jun 25 j 21:30	28°♊27'20	4°41'42
morning rise	-335 Jul 03 j 20:40	24°♊05'44	
direct	-335 Jul 06 j 09:17	23°♊45'36	
morning max el	-335 Jul 14 j 17:17	27°♊41'24	18°45'58
	-335 Jul 16 j 21:43	0°♋	
asc. node	-335 Jul 20 j 10:09	4°♋41'54	
morning set	-335 Jul 31 j 03:46	23°♋53'19	
	-335 Aug 03 j 06:45	0°♌	
superior conj	-335 Aug 08 j 19:19	10°♌39'14	1°45'21
minimum elong	-335 Aug 08 j 20:44	10°♌45'57	1°45'18
max. Earth dist.	-335 Aug 15 j 19:59	23°♌32'30	1.39293 AU
evening rise	-335 Aug 19 j 20:12	0°♍30'22	
	-335 Aug 19 j 13:04	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-335 Aug 29 j 07:17	15°♍54'11	
	-335 Sep 07 j 18:49	0°♎	
evening max el	-335 Sep 24 j 04:04	20°♎25'15	24°11'31
retrograde	-335 Oct 05 j 06:34	26°♎56'26	
evening set	-335 Oct 10 j 14:33	24°♎42'01	
min. Earth dist.	-335 Oct 15 j 08:29	19°♎12'33	0.67475 AU
inferior conj	-335 Oct 16 j 00:00	18°♎20'09	-0°08'05
minimum elong	-335 Oct 16 j 00:12	18°♎19'29	0°08'01
transit middle	-335 Oct 16 j 00:12	18°♎19'29	0°08'01
transit begin	-335 Oct 15 j 21:49	18°♎27'31	
transit end	-335 Oct 16 j 02:34	18°♎11'28	
asc. node	-335 Oct 16 j 09:22	17°♎48'36	
morning rise	-335 Oct 21 j 09:51	12°♎14'22	
direct	-335 Oct 25 j 06:21	10°♎49'34	
morning max el	-335 Nov 02 j 06:17	15°♎27'46	20°31'16
	-335 Nov 13 j 15:39	0°♏	
desc. node	-335 Nov 25 j 06:33	17°♏15'46	
morning set	-335 Nov 30 j 14:56	25°♏29'24	
	-335 Dec 03 j 12:20	0°♐	
max. Earth dist.	-335 Dec 10 j 06:23	10°♐43'42	1.43298 AU
superior conj	-335 Dec 16 j 13:35	21°♐02'29	-1°52'06
minimum elong	-335 Dec 16 j 08:27	20°♐41'12	1°51'49
	-335 Dec 21 j 21:00	0°♑	
evening rise	-335 Dec 28 j 21:28	12°♑11'39	
	-334 Jan 08 j 06:52	0°♒	
asc. node	-334 Jan 12 j 08:41	5°♒57'22	
evening max el	-334 Jan 15 j 05:33	9°♒17'24	18°08'48
retrograde	-334 Jan 21 j 18:19	12°♒42'57	
evening set	-334 Jan 24 j 13:18	12°♒04'35	
inferior conj	-334 Jan 30 j 21:39	6°♒55'02	3°51'28
minimum elong	-334 Jan 30 j 21:28	6°♒55'30	3°51'27
min. Earth dist.	-334 Feb 02 j 17:49	4°♒00'09	0.62321 AU
morning rise	-334 Feb 06 j 04:32	0°♒59'02	
	-334 Feb 07 j 16:14	30°℞♑	
direct	-334 Feb 13 j 04:25	28°♑23'57	
	-334 Feb 19 j 01:57	0°♒	
desc. node	-334 Feb 21 j 05:45	1°♒16'44	
morning max el	-334 Feb 27 j 04:31	6°♒15'43	27°46'59
	-334 Mar 17 j 04:31	0°♓	
morning set	-334 Apr 01 j 18:16	28°♓14'16	
	-334 Apr 02 j 15:00	0°♈	
max. Earth dist.	-334 Apr 07 j 10:41	10°♈08'41	1.32710 AU
superior conj	-334 Apr 09 j 05:29	13°♈59'44	-0°11'40
minimum elong	-334 Apr 09 j 06:02	14°♈02'42	0°11'32
behind sun begin	-334 Apr 09 j 02:28	13°♈43'22	
behind sun end	-334 Apr 09 j 09:36	14°♈22'03	
asc. node	-334 Apr 10 j 07:59	16°♈23'41	
evening rise	-334 Apr 16 j 05:04	29°♈04'50	
	-334 Apr 16 j 15:32	0°♉	
	-334 May 03 j 15:50	0°♊	
evening max el	-334 May 10 j 19:51	8°♊20'18	24°08'15
desc. node	-334 May 20 j 05:01	14°♊32'40	
retrograde	-334 May 24 j 16:13	15°♊18'10	
evening set	-334 May 29 j 01:53	14°♊35'04	
min. Earth dist.	-334 Jun 04 j 07:09	11°♊33'08	0.56510 AU
inferior conj	-334 Jun 06 j 20:00	9°♊58'20	-4°11'23
minimum elong	-334 Jun 06 j 14:20	10°♊07'14	4°10'24
morning rise	-334 Jun 15 j 05:38	5°♊56'53	
direct	-334 Jun 17 j 20:27	5°♊38'48	
morning max el	-334 Jun 27 j 13:45	10°♊09'14	19°42'55
asc. node	-334 Jul 07 j 07:12	23°♊15'32	
	-334 Jul 11 j 00:20	0°♋	
morning set	-334 Jul 15 j 05:38	8°♋17'55	
superior conj	-334 Jul 23 j 04:22	24°♋18'53	1°46'56
minimum elong	-334 Jul 23 j 03:53	24°♋16'25	1°46'56
	-334 Jul 26 j 02:06	0°♌	
max. Earth dist.	-334 Jul 28 j 23:22	5°♌29'25	1.37325 AU
evening rise	-334 Aug 01 j 19:22	12°♌31'06	
	-334 Aug 12 j 03:32	0°♍	
desc. node	-334 Aug 16 j 04:20	6°♍16'25	
	-334 Sep 02 j 20:09	0°♎	
evening max el	-334 Sep 06 j 15:38	4°♎01'37	25°26'42
retrograde	-334 Sep 18 j 17:23	10°♎58'39	
evening set	-334 Sep 24 j 16:04	8°♎28'09	
min. Earth dist.	-334 Sep 29 j 01:49	3°♎34'05	0.66980 AU
inferior conj	-334 Sep 30 j 04:06	2°♎09'04	-1°03'38
minimum elong	-334 Sep 30 j 05:42	2°♎03'55	1°02'58
	-334 Oct 01 j 20:57	30°℞♍	
asc. node	-334 Oct 03 j 06:25	28°♍24'07	
morning rise	-334 Oct 05 j 19:30	26°♍11'08	
direct	-334 Oct 09 j 04:45	25°♍04'49	
morning max el	-334 Oct 16 j 10:02	29°♍10'54	19°27'41
	-334 Oct 17 j 04:48	0°♎	
	-334 Nov 07 j 03:03	0°♏	
morning set	-334 Nov 09 j 14:37	3°♏50'55	
desc. node	-334 Nov 12 j 03:34	7°♏47'49	
max. Earth dist.	-334 Nov 22 j 20:02	24°♏33'09	1.44501 AU
superior conj	-334 Nov 26 j 09:14	0°♐11'51	-1°24'45
minimum elong	-334 Nov 26 j 01:02	29°♏39'06	1°23'55
	-334 Nov 26 j 06:16	0°♐	
evening rise	-334 Dec 10 j 14:47	23°♐27'28	
	-334 Dec 14 j 12:41	0°♑	
evening max el	-334 Dec 29 j 18:03	22°♑37'35	18°24'32
asc. node	-334 Dec 30 j 05:44	23°♑06'27	
retrograde	-333 Jan 05 j 06:49	26°♑11'54	
evening set	-333 Jan 08 j 06:36	25°♑23'06	
inferior conj	-333 Jan 14 j 05:40	19°♑54'15	3°42'06
minimum elong	-333 Jan 14 j 03:51	19°♑59'26	3°41'53
min. Earth dist.	-333 Jan 16 j 10:46	17°♑22'16	0.64120 AU
morning rise	-333 Jan 20 j 00:34	13°♑50'08	
direct	-333 Jan 26 j 22:43	10°♑59'52	
desc. node	-333 Feb 08 j 02:47	17°♑26'06	
morning max el	-333 Feb 09 j 12:57	18°♑48'31	27°29'16
	-333 Feb 19 j 01:05	0°♒	
	-333 Mar 10 j 02:21	0°♓	
morning set	-333 Mar 16 j 13:33	12°♓13'43	
max. Earth dist.	-333 Mar 21 j 12:50	22°♓18'57	1.33455 AU
superior conj	-333 Mar 24 j 11:42	28°♓32'12	-0°38'24
minimum elong	-333 Mar 24 j 13:32	28°♓41'58	0°38'01
	-333 Mar 25 j 04:11	0°♈	
asc. node	-333 Mar 28 j 05:04	6°♈30'16	
evening rise	-333 Mar 31 j 16:29	13°♈53'50	
	-333 Apr 08 j 21:13	0°♉	
evening max el	-333 Apr 22 j 11:50	18°♉55'53	22°32'59
retrograde	-333 May 05 j 13:39	25°♉22'45	
desc. node	-333 May 07 j 02:01	25°♉17'37	
evening set	-333 May 08 j 15:05	25°♉02'12	
min. Earth dist.	-333 May 16 j 19:52	21°♉29'03	0.55329 AU
inferior conj	-333 May 17 j 23:15	20°♉50'07	-2°56'02
minimum elong	-333 May 17 j 16:16	21°♉00'04	2°54'00
morning rise	-333 May 26 j 19:28	16°♉56'10	
direct	-333 May 29 j 14:40	16°♉38'07	
morning max el	-333 Jun 09 j 23:15	21°♉55'32	21°00'07
	-333 Jun 16 j 18:35	0°♊	
asc. node	-333 Jun 24 j 04:17	12°♊23'11	
morning set	-333 Jun 29 j 12:51	23°♊00'27	
	-333 Jul 02 j 21:38	0°♋	
superior conj	-333 Jul 07 j 00:20	8°♋32'37	1°40'54

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-333 Jul	06 j 22:33	8°♋23'25	1°40'46
max. Earth dist.	-333 Jul	11 j 08:48	17°♋20'20	1.35591 AU
evening rise	-333 Jul	15 j 14:18	25°♋30'21	
	-333 Jul	18 j 00:31	0°♌	
desc. node	-333 Aug	03 j 01:23	26°♌19'58	
	-333 Aug	05 j 14:37	0°♍	
evening max el	-333 Aug	20 j 03:29	17°♍37'54	26°28'58
retrograde	-333 Sep	01 j 23:09	24°♍50'19	
evening set	-333 Sep	08 j 11:44	22°♍08'07	
min. Earth dist.	-333 Sep	12 j 13:52	17°♍51'16	0.66148 AU
inferior conj	-333 Sep	14 j 03:57	15°♍55'46	-1°59'24
minimum elong	-333 Sep	14 j 06:57	15°♍46'39	1°58'13
morning rise	-333 Sep	20 j 02:32	10°♍08'53	
asc. node	-333 Sep	20 j 03:27	10°♍07'36	
direct	-333 Sep	23 j 02:48	9°♍17'35	
morning max el	-333 Sep	29 j 20:15	13°♍01'14	18°39'34
	-333 Oct	12 j 02:27	0°♎	
morning set	-333 Oct	20 j 12:07	13°♎21'52	
desc. node	-333 Oct	30 j 00:39	28°♎28'30	
	-333 Oct	30 j 23:51	0°♏	
superior conj	-333 Nov	05 j 11:12	8°♏36'48	-0°41'19
minimum elong	-333 Nov	05 j 05:51	8°♏15'46	0°40'37
max. Earth dist.	-333 Nov	05 j 14:16	8°♏48'54	1.45013 AU
	-333 Nov	19 j 00:15	0°♐	
evening rise	-333 Nov	21 j 08:42	3°♐44'49	
greatest brilliancy	-333 Nov	29 j 04:55	16°♐15'18	-0.8m
	-333 Dec	08 j 06:30	0°♑	
evening max el	-333 Dec	13 j 04:36	6°♑03'09	18°58'01
asc. node	-333 Dec	17 j 02:46	9°♑09'41	
retrograde	-333 Dec	20 j 01:13	9°♑56'41	
evening set	-333 Dec	23 j 06:52	8°♑56'15	
inferior conj	-333 Dec	28 j 23:18	3°♑10'20	3°18'26
minimum elong	-333 Dec	28 j 20:39	3°♑18'36	3°17'54
min. Earth dist.	-333 Dec	30 j 13:11	1°♑12'20	0.65556 AU
	-333 Dec	31 j 13:13	30°℞♐	
morning rise	-332 Jan	03 j 10:09	27°♐00'53	
direct	-332 Jan	09 j 23:27	24°♐10'08	
	-332 Jan	21 j 02:31	0°♑	
morning max el	-332 Jan	22 j 22:42	1°♑46'02	26°40'26
desc. node	-332 Jan	25 j 23:50	5°♑00'52	
	-332 Feb	13 j 04:13	0°♒	
morning set	-332 Feb	27 j 21:46	25°♒35'30	
	-332 Mar	01 j 04:43	0°♓	
max. Earth dist.	-332 Mar	03 j 04:28	3°♓55'21	1.34643 AU
superior conj	-332 Mar	07 j 12:09	12°♓42'20	-1°04'36
minimum elong	-332 Mar	07 j 15:10	12°♓57'56	1°04'04
asc. node	-332 Mar	14 j 02:07	26°♓28'00	
evening rise	-332 Mar	15 j 01:44	28°♓30'43	
	-332 Mar	15 j 19:02	0°♈	
evening max el	-332 Apr	03 j 11:02	29°♈49'04	21°04'16
	-332 Apr	03 j 15:37	0°♉	
retrograde	-332 Apr	15 j 03:14	5°♉28'17	
evening set	-332 Apr	17 j 09:55	5°♉16'09	
desc. node	-332 Apr	22 j 23:03	3°♉19'42	
inferior conj	-332 Apr	26 j 17:37	1°♉17'28	-1°04'39
minimum elong	-332 Apr	26 j 14:34	1°♉21'47	1°03'34
min. Earth dist.	-332 Apr	27 j 08:48	0°♉56'01	0.55017 AU
	-332 Apr	29 j 01:06	30°℞♈	
morning rise	-332 May	05 j 19:07	27°♈13'11	
direct	-332 May	09 j 01:00	26°♈50'25	
	-332 May	18 j 05:17	0°♉	
morning max el	-332 May	21 j 22:16	3°♉00'14	22°33'39
	-332 Jun	09 j 02:05	0°♊	
asc. node	-332 Jun	10 j 01:21	1°♊55'33	
morning set	-332 Jun	12 j 23:17	7°♊53'53	
superior conj	-332 Jun	20 j 03:41	23°♊09'14	1°28'54
minimum elong	-332 Jun	20 j 01:16	22°♊56'27	1°28'37
max. Earth dist.	-332 Jun	23 j 03:18	29°♊24'45	1.34208 AU
	-332 Jun	23 j 10:07	0°♋	
evening rise	-332 Jun	28 j 00:00	9°♋13'41	
	-332 Jul	09 j 11:35	0°♌	
desc. node	-332 Jul	19 j 22:24	15°♌55'52	
	-332 Jul	31 j 13:08	0°♍	
evening max el	-332 Aug	01 j 15:14	1°♍04'07	27°10'47
retrograde	-332 Aug	14 j 23:29	8°♍23'21	
evening set	-332 Aug	21 j 23:04	5°♍37'21	
min. Earth dist.	-332 Aug	25 j 18:16	1°♍57'33	0.64951 AU
inferior conj	-332 Aug	27 j 21:17	29°♌35'17	-2°53'15
minimum elong	-332 Aug	28 j 01:28	29°♌23'36	2°51'51
	-332 Aug	27 j 12:28	30°℞♌	
morning rise	-332 Sep	03 j 04:34	24°♌02'43	
direct	-332 Sep	05 j 22:09	23°♌22'59	
asc. node	-332 Sep	06 j 00:31	23°♌23'02	
morning max el	-332 Sep	12 j 10:35	26°♌53'16	18°08'01
	-332 Sep	15 j 03:44	0°♍	
morning set	-332 Sep	30 j 14:08	24°♍16'29	
	-332 Oct	04 j 00:54	0°♎	
superior conj	-332 Oct	14 j 16:12	17°♎16'17	0°08'06
minimum elong	-332 Oct	14 j 17:11	17°♎20'15	0°07'57
behind sun begin	-332 Oct	14 j 07:42	16°♎42'23	
behind sun end	-332 Oct	15 j 02:41	17°♎58'05	
desc. node	-332 Oct	15 j 21:42	19°♎13'46	
max. Earth dist.	-332 Oct	18 j 09:04	23°♎08'55	1.44776 AU
	-332 Oct	22 j 17:40	0°♏	
evening rise	-332 Oct	31 j 04:10	13°♏08'07	
	-332 Nov	11 j 03:26	0°♐	
greatest brilliancy	-332 Nov	13 j 05:23	3°♐08'12	-0.7m
evening max el	-332 Nov	25 j 11:05	19°♐30'46	19°47'51
retrograde	-332 Dec	02 j 22:27	23°♐52'23	
asc. node	-332 Dec	02 j 23:46	23°♐52'22	
evening set	-332 Dec	06 j 11:37	22°♐38'39	
inferior conj	-332 Dec	11 j 23:36	16°♐38'43	2°44'26
minimum elong	-332 Dec	11 j 20:47	16°♐48'01	2°43'37
min. Earth dist.	-332 Dec	12 j 23:40	15°♐19'07	0.66598 AU
morning rise	-332 Dec	17 j 05:45	10°♐26'03	
direct	-332 Dec	23 j 05:58	7°♐46'15	
morning max el	-331 Jan	04 j 07:50	14°♐56'43	25°28'47
desc. node	-331 Jan	11 j 20:54	23°♐36'23	
	-331 Jan	16 j 16:53	0°♑	
	-331 Feb	05 j 00:22	0°♒	
morning set	-331 Feb	09 j 14:17	8°♒06'31	
max. Earth dist.	-331 Feb	13 j 08:28	15°♒03'59	1.36272 AU
superior conj	-331 Feb	19 j 04:10	26°♒22'41	-1°28'36
minimum elong	-331 Feb	19 j 07:54	26°♒41'23	1°28'06
	-331 Feb	20 j 23:29	0°♓	
evening rise	-331 Feb	27 j 06:45	12°♓49'14	
asc. node	-331 Feb	28 j 23:09	16°♓12'24	
	-331 Mar	08 j 09:22	0°♈	
evening max el	-331 Mar	16 j 21:17	11°♈18'08	19°50'58
retrograde	-331 Mar	26 j 20:30	16°♈04'53	
evening set	-331 Mar	28 j 23:25	15°♈52'50	
inferior conj	-331 Apr	06 j 17:37	11°♈51'26	0°52'22
minimum elong	-331 Apr	06 j 19:51	11°♈47'59	0°51'37
min. Earth dist.	-331 Apr	08 j 23:05	10°♈29'12	0.55659 AU
desc. node	-331 Apr	09 j 20:04	9°♈57'59	
morning rise	-331 Apr	15 j 13:58	7°♈19'07	
direct	-331 Apr	19 j 17:02	6°♈41'23	
morning max el	-331 May	03 j 14:31	13°♈36'59	24°14'24
	-331 May	16 j 07:14	0°♉	
asc. node	-331 May	27 j 22:26	21°♉45'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-331 May 28 j 11:09	22°♉52'37	
	-331 May 31 j 19:10	0°♊	
superior conj	-331 Jun 04 j 11:51	8°♊00'34	1°12'14
minimum elong	-331 Jun 04 j 09:23	7°♊47'13	1°11'51
max. Earth dist.	-331 Jun 06 j 06:42	11°♊51'17	1.33216 AU
evening rise	-331 Jun 11 j 20:21	23°♊29'22	
	-331 Jun 15 j 03:21	0°♋	
	-331 Jul 03 j 03:53	0°♌	
desc. node	-331 Jul 06 j 19:23	4°♌52'28	
evening max el	-331 Jul 15 j 01:30	14°♌08'59	27°25'25
retrograde	-331 Jul 28 j 18:04	21°♌29'01	
evening set	-331 Aug 04 j 22:52	18°♌50'53	
min. Earth dist.	-331 Aug 08 j 13:18	15°♌43'45	0.63389 AU
inferior conj	-331 Aug 11 j 05:32	13°♌02'15	-3°42'02
minimum elong	-331 Aug 11 j 10:14	12°♌50'23	3°40'50
morning rise	-331 Aug 17 j 22:43	7°♌47'08	
direct	-331 Aug 20 j 12:03	7°♌15'45	
asc. node	-331 Aug 23 j 21:35	8°♌12'03	
morning max el	-331 Aug 27 j 02:18	10°♌41'07	17°53'58
	-331 Sep 09 j 01:25	0°♍	
morning set	-331 Sep 12 j 17:11	6°♍22'54	
superior conj	-331 Sep 24 j 18:58	27°♍01'49	0°51'21
minimum elong	-331 Sep 24 j 23:42	27°♍21'26	0°50'44
	-331 Sep 26 j 14:09	0°♎	
max. Earth dist.	-331 Oct 01 j 01:11	7°♎14'23	1.43842 AU
desc. node	-331 Oct 02 j 18:43	10°♎00'23	
evening rise	-331 Oct 10 j 11:08	22°♎02'58	
	-331 Oct 15 j 15:44	0°♏	
	-331 Nov 05 j 19:48	0°♐	
evening max el	-331 Nov 08 j 12:06	2°♐58'33	20°51'41
retrograde	-331 Nov 16 j 20:02	7°♐54'41	
asc. node	-331 Nov 19 j 20:48	7°♐02'30	
evening set	-331 Nov 20 j 18:44	6°♐25'47	
inferior conj	-331 Nov 26 j 04:04	0°♐15'08	2°02'38
minimum elong	-331 Nov 26 j 01:38	0°♐23'29	2°01'45
	-331 Nov 26 j 08:30	30°℞♏	
min. Earth dist.	-331 Nov 26 j 15:57	29°♏34'28	0.67273 AU
morning rise	-331 Dec 01 j 08:20	24°♏01'24	
direct	-331 Dec 06 j 17:42	21°♏40'00	
morning max el	-331 Dec 17 j 16:16	28°♏11'44	24°04'05
	-331 Dec 19 j 09:32	0°♐	
desc. node	-331 Dec 29 j 17:56	12°♐54'14	
	-330 Jan 10 j 10:43	0°♑	
morning set	-330 Jan 22 j 09:01	19°♑28'59	
max. Earth dist.	-330 Jan 26 j 04:13	26°♑09'11	1.38259 AU
	-330 Jan 28 j 07:22	0°♒	
superior conj	-330 Feb 02 j 08:04	9°♒22'40	-1°48'05
minimum elong	-330 Feb 02 j 11:36	9°♒39'28	1°47'48
evening rise	-330 Feb 11 j 05:02	26°♒41'23	
	-330 Feb 12 j 21:38	0°♓	
asc. node	-330 Feb 15 j 20:10	5°♓37'16	
evening max el	-330 Feb 27 j 18:13	23°♓24'31	18°56'44
retrograde	-330 Mar 08 j 04:11	27°♓28'06	
evening set	-330 Mar 10 j 11:06	27°♓11'20	
inferior conj	-330 Mar 18 j 10:33	22°♓55'11	2°25'13
minimum elong	-330 Mar 18 j 14:58	22°♓47'20	2°24'02
min. Earth dist.	-330 Mar 21 j 15:12	20°♓39'52	0.57116 AU
morning rise	-330 Mar 26 j 15:49	17°♓50'05	
desc. node	-330 Mar 27 j 17:06	17°♓26'26	
direct	-330 Mar 31 j 22:27	16°♓43'28	
morning max el	-330 Apr 15 j 05:30	24°♓08'58	25°48'38
	-330 Apr 20 j 13:20	0°♈	
	-330 May 09 j 02:56	0°♉	
morning set	-330 May 12 j 22:49	7°♉50'16	
asc. node	-330 May 14 j 19:28	11°♉47'40	
superior conj	-330 May 19 j 22:43	22°♉58'44	0°51'54
minimum elong	-330 May 19 j 20:40	22°♉47'31	0°51'32
max. Earth dist.	-330 May 20 j 16:29	24°♉35'56	1.32603 AU
	-330 May 23 j 04:09	0°♊	
evening rise	-330 May 27 j 00:02	8°♊06'26	
	-330 Jun 07 j 13:47	0°♋	
desc. node	-330 Jun 23 j 16:24	22°♋53'22	
evening max el	-330 Jun 27 j 08:03	26°♋40'26	27°08'15
	-330 Jul 01 j 06:07	0°♌	
retrograde	-330 Jul 11 j 05:51	3°♌57'57	
evening set	-330 Jul 18 j 07:06	1°♌41'44	
	-330 Jul 20 j 15:44	30°℞♋	
min. Earth dist.	-330 Jul 21 j 22:13	28°♋57'00	0.61514 AU
inferior conj	-330 Jul 25 j 01:33	26°♋09'30	-4°20'51
minimum elong	-330 Jul 25 j 05:30	26°♋00'39	4°20'14
morning rise	-330 Aug 01 j 05:30	21°♋14'38	
direct	-330 Aug 03 j 17:02	20°♋48'55	
morning max el	-330 Aug 10 j 16:28	24°♋17'54	17°58'28
asc. node	-330 Aug 10 j 18:39	24°♋23'17	
	-330 Aug 15 j 07:53	0°♌	
morning set	-330 Aug 26 j 15:23	19°♌24'40	
	-330 Sep 01 j 10:58	0°♍	
superior conj	-330 Sep 06 j 01:16	8°♍08'50	1°22'13
minimum elong	-330 Sep 06 j 05:55	8°♍29'07	1°21'45
max. Earth dist.	-330 Sep 13 j 12:41	20°♍50'32	1.42338 AU
	-330 Sep 19 j 04:17	0°♎	
evening rise	-330 Sep 19 j 23:34	1°♎16'31	
desc. node	-330 Sep 19 j 15:44	0°♎45'27	
	-330 Oct 09 j 04:42	0°♏	
evening max el	-330 Oct 22 j 07:26	16°♏27'25	22°05'55
retrograde	-330 Oct 31 j 16:06	22°♏01'25	
evening set	-330 Nov 05 j 02:28	20°♏15'26	
asc. node	-330 Nov 06 j 17:50	18°♏42'00	
inferior conj	-330 Nov 10 j 10:44	13°♏57'39	1°15'01
minimum elong	-330 Nov 10 j 09:05	14°♏03'22	1°14'20
min. Earth dist.	-330 Nov 10 j 11:37	13°♏54'34	0.67608 AU
morning rise	-330 Nov 15 j 15:32	7°♏45'09	
direct	-330 Nov 20 j 09:47	5°♏45'46	
morning max el	-330 Nov 30 j 02:36	11°♏30'57	22°36'23
	-330 Dec 14 j 17:33	0°♐	
desc. node	-330 Dec 16 j 14:58	2°♐42'33	
morning set	-329 Jan 03 j 00:02	29°♐28'38	
	-329 Jan 03 j 07:42	0°♑	
max. Earth dist.	-329 Jan 08 j 00:04	7°♑49'28	1.40386 AU
superior conj	-329 Jan 15 j 19:22	21°♑31'11	-1°59'48
minimum elong	-329 Jan 15 j 21:01	21°♑38'38	1°59'45
	-329 Jan 20 j 10:05	0°♒	
evening rise	-329 Jan 25 j 17:35	10°♒00'17	
asc. node	-329 Feb 02 j 17:10	24°♒36'16	
	-329 Feb 06 j 02:22	0°♓	
evening max el	-329 Feb 10 j 23:22	6°♓02'10	18°22'31
retrograde	-329 Feb 18 j 06:48	9°♓38'53	
evening set	-329 Feb 20 j 18:55	9°♓14'37	
inferior conj	-329 Feb 28 j 00:31	4°♓37'58	3°22'41
minimum elong	-329 Feb 28 j 03:51	4°♓31'00	3°22'06
min. Earth dist.	-329 Mar 03 j 10:52	1°♓48'20	0.59072 AU
	-329 Mar 05 j 22:42	30°℞♒	
morning rise	-329 Mar 07 j 10:24	29°♒06'33	
direct	-329 Mar 13 j 16:56	27°♒22'30	
desc. node	-329 Mar 14 j 14:08	27°♒24'32	
	-329 Mar 21 j 18:09	0°♓	
morning max el	-329 Mar 28 j 00:29	5°♓03'32	27°01'13
	-329 Apr 15 j 09:43	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-329 Apr 27 j 08:37	22°♈41'09	
	-329 Apr 30 j 19:04	0°♉	
asc. node	-329 May 01 j 16:30	1°♉56'20	
superior conj	-329 May 04 j 10:29	7°♉57'31	0°28'45
minimum elong	-329 May 04 j 09:15	7°♉50'40	0°28'29
max. Earth dist.	-329 May 04 j 05:15	7°♉28'42	1.32357 AU
evening rise	-329 May 11 j 08:30	22°♉56'16	
	-329 May 14 j 19:07	0°♊	
	-329 Jun 01 j 21:07	0°♋	
evening max el	-329 Jun 09 j 08:32	8°♋28'26	26°18'15
desc. node	-329 Jun 10 j 13:25	9°♋35'00	
retrograde	-329 Jun 23 j 09:11	15°♋42'08	
evening set	-329 Jun 29 j 19:07	14°♋00'09	
min. Earth dist.	-329 Jul 03 j 21:32	11°♋22'10	0.59467 AU
inferior conj	-329 Jul 07 j 05:43	8°♋47'09	-4°41'57
minimum elong	-329 Jul 07 j 06:59	8°♋44'41	4°41'54
morning rise	-329 Jul 14 j 20:58	4°♋14'35	
direct	-329 Jul 17 j 08:56	3°♋52'37	
morning max el	-329 Jul 25 j 02:02	7°♋35'05	18°22'42
asc. node	-329 Jul 28 j 15:43	11°♋40'57	
	-329 Aug 08 j 12:06	0°♌	
morning set	-329 Aug 10 j 03:22	3°♌06'54	
superior conj	-329 Aug 19 j 07:44	20°♌27'45	1°40'10
minimum elong	-329 Aug 19 j 10:26	20°♌40'10	1°40'01
	-329 Aug 24 j 15:01	0°♍	
max. Earth dist.	-329 Aug 26 j 19:08	3°♍46'38	1.40457 AU
evening rise	-329 Aug 31 j 08:18	11°♍27'11	
desc. node	-329 Sep 06 j 12:45	21°♍25'07	
	-329 Sep 12 j 02:58	0°♎	
	-329 Oct 04 j 22:48	0°♏	
evening max el	-329 Oct 04 j 22:04	29°♎58'12	23°25'37
retrograde	-329 Oct 15 j 09:18	6°♏09'21	
evening set	-329 Oct 20 j 09:07	4°♏05'10	
	-329 Oct 24 j 01:30	30°℞♎	
asc. node	-329 Oct 24 j 14:54	29°♎15'22	
inferior conj	-329 Oct 25 j 17:46	27°♎43'50	0°23'08
minimum elong	-329 Oct 25 j 17:13	27°♎45'43	0°22'53
min. Earth dist.	-329 Oct 25 j 08:12	28°♎16'34	0.67621 AU
morning rise	-329 Oct 31 j 01:13	21°♎35'02	
direct	-329 Nov 04 j 05:16	19°♎58'07	
morning max el	-329 Nov 12 j 18:31	24°♎58'14	21°13'57
	-329 Nov 17 j 04:56	0°♏	
desc. node	-329 Dec 03 j 12:00	22°♏52'20	
	-329 Dec 08 j 04:49	0°♐	
morning set	-329 Dec 13 j 10:53	8°♐09'10	
max. Earth dist.	-329 Dec 21 j 02:36	20°♐25'54	1.42353 AU
	-329 Dec 26 j 20:19	0°♑	
superior conj	-329 Dec 28 j 08:33	2°♑34'27	-1°59'30
minimum elong	-329 Dec 28 j 06:14	2°♑24'34	1°59'26
evening rise	-328 Jan 08 j 16:42	22°♑37'44	
	-328 Jan 12 j 18:56	0°♒	
asc. node	-328 Jan 20 j 14:12	13°♒01'07	
evening max el	-328 Jan 25 j 09:37	19°♒02'04	18°08'13
retrograde	-328 Feb 01 j 02:15	22°♒27'55	
evening set	-328 Feb 03 j 18:48	21°♒54'52	
inferior conj	-328 Feb 10 j 09:51	16°♒56'47	3°48'13
minimum elong	-328 Feb 10 j 10:55	16°♒54'14	3°48'09
min. Earth dist.	-328 Feb 13 j 13:09	13°♒57'20	0.61162 AU
morning rise	-328 Feb 17 j 01:32	11°♒07'42	
direct	-328 Feb 23 j 22:03	8°♒48'34	
desc. node	-328 Feb 29 j 11:10	10°♒10'34	
morning max el	-328 Mar 09 j 01:57	16°♒37'44	27°41'05
	-328 Mar 20 j 02:58	0°♓	
	-328 Apr 06 j 23:05	0°♈	
morning set	-328 Apr 10 j 14:42	7°♈19'05	
max. Earth dist.	-328 Apr 16 j 17:12	20°♈16'49	1.32472 AU
superior conj	-328 Apr 17 j 21:31	22°♈51'15	0°03'32
minimum elong	-328 Apr 17 j 21:21	22°♈50'22	0°03'30
behind sun begin	-328 Apr 17 j 16:24	22°♈23'15	
behind sun end	-328 Apr 18 j 02:19	23°♈17'30	
asc. node	-328 Apr 17 j 13:33	22°♈07'44	
	-328 Apr 21 j 03:58	0°♉	
evening rise	-328 Apr 24 j 19:37	7°♉51'32	
	-328 May 06 j 09:28	0°♊	
evening max el	-328 May 21 j 02:18	19°♊33'04	25°00'44
desc. node	-328 May 27 j 10:27	24°♊26'02	
retrograde	-328 Jun 04 j 02:14	26°♊39'56	
evening set	-328 Jun 09 j 08:13	25°♊36'44	
min. Earth dist.	-328 Jun 14 j 13:52	22°♊47'59	0.57491 AU
inferior conj	-328 Jun 17 j 14:47	20°♊45'55	-4°34'04
minimum elong	-328 Jun 17 j 11:36	20°♊51'17	4°33'46
morning rise	-328 Jun 25 j 17:44	16°♊35'02	
direct	-328 Jun 28 j 07:23	16°♊15'47	
morning max el	-328 Jul 07 j 04:06	20°♊24'06	19°07'37
asc. node	-328 Jul 14 j 12:48	29°♊50'46	
	-328 Jul 14 j 15:06	0°♋	
morning set	-328 Jul 24 j 01:07	17°♋18'57	
	-328 Jul 30 j 10:51	0°♌	
superior conj	-328 Aug 01 j 08:42	3°♌43'03	1°47'05
minimum elong	-328 Aug 01 j 09:15	3°♌45'40	1°47'04
max. Earth dist.	-328 Aug 07 j 22:24	16°♌01'53	1.38444 AU
evening rise	-328 Aug 11 j 18:03	22°♌49'05	
	-328 Aug 15 j 23:15	0°♍	
desc. node	-328 Aug 23 j 09:48	11°♍55'21	
	-328 Sep 04 j 23:16	0°♎	
evening max el	-328 Sep 16 j 10:00	13°♎32'14	24°44'25
retrograde	-328 Sep 27 j 22:40	20°♎15'19	
evening set	-328 Oct 03 j 13:03	17°♎53'26	
min. Earth dist.	-328 Oct 08 j 03:21	12°♎39'02	0.67314 AU
inferior conj	-328 Oct 08 j 23:26	11°♎32'21	-0°31'31
minimum elong	-328 Oct 09 j 00:13	11°♎29'46	0°31'11
asc. node	-328 Oct 10 j 11:58	9°♎33'13	
morning rise	-328 Oct 14 j 11:27	5°♎29'49	
direct	-328 Oct 18 j 02:55	4°♎13'22	
morning max el	-328 Oct 25 j 18:04	8°♎36'23	20°02'26
	-328 Nov 10 j 15:21	0°♏	
desc. node	-328 Nov 19 j 09:03	13°♏17'39	
morning set	-328 Nov 21 j 07:29	16°♏16'45	
	-328 Nov 30 j 02:05	0°♐	
max. Earth dist.	-328 Dec 02 j 12:44	3°♐53'11	1.43889 AU
superior conj	-328 Dec 07 j 19:09	12°♐23'19	-1°42'45
minimum elong	-328 Dec 07 j 12:13	11°♐54'59	1°42'13
	-328 Dec 18 j 08:10	0°♑	
evening rise	-328 Dec 20 j 22:10	4°♑25'34	
	-327 Jan 05 j 21:30	0°♒	
asc. node	-327 Jan 06 j 11:15	0°♒41'16	
evening max el	-327 Jan 07 j 22:00	2°♒16'07	18°13'14
retrograde	-327 Jan 14 j 09:52	5°♒44'24	
evening set	-327 Jan 17 j 06:44	5°♒01'45	
inferior conj	-327 Jan 23 j 10:44	29°♑43'32	3°49'33
minimum elong	-327 Jan 23 j 09:46	29°♑46'09	3°49'30
	-327 Jan 23 j 04:39	30°℞♑	
min. Earth dist.	-327 Jan 26 j 00:36	26°♑56'35	0.63117 AU
morning rise	-327 Jan 29 j 11:59	23°♑43'22	
direct	-327 Feb 05 j 11:57	21°♑00'12	
desc. node	-327 Feb 15 j 08:13	25°♑16'04	
morning max el	-327 Feb 19 j 08:45	28°♑52'01	27°43'52
	-327 Feb 20 j 11:28	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-327 Mar 13 j 22:58	0°♓	
morning set	-327 Mar 25 j 14:43	21°♓35'11	
	-327 Mar 29 j 16:57	0°♈	
max. Earth dist.	-327 Mar 31 j 00:04	2°♈44'20	1.32970 AU
superior conj	-327 Apr 02 j 06:00	7°♈32'59	-0°22'58
minimum elong	-327 Apr 02 j 07:06	7°♈38'52	0°22'44
asc. node	-327 Apr 04 j 10:35	12°♈17'03	
evening rise	-327 Apr 09 j 07:25	22°♈44'16	
	-327 Apr 12 j 19:55	0°♉	
evening max el	-327 May 02 j 16:47	0°♊10'04	23°27'42
	-327 May 02 j 12:38	0°♊	
desc. node	-327 May 14 j 07:29	6°♊48'57	
retrograde	-327 May 16 j 07:17	6°♊57'59	
evening set	-327 May 20 j 02:22	6°♊26'17	
min. Earth dist.	-327 May 27 j 03:07	3°♊12'31	0.55914 AU
inferior conj	-327 May 29 j 03:46	2°♊00'10	-3°44'58
minimum elong	-327 May 28 j 20:54	2°♊10'25	3°43'25
	-327 Jun 01 j 16:32	30°℞♉	
morning rise	-327 Jun 06 j 18:16	28°♉04'04	
direct	-327 Jun 09 j 10:21	27°♉46'29	
	-327 Jun 16 j 12:35	0°♊	
morning max el	-327 Jun 19 j 20:08	2°♊35'14	20°13'26
asc. node	-327 Jul 01 j 09:51	18°♊39'49	
	-327 Jul 07 j 07:27	0°♋	
morning set	-327 Jul 08 j 05:32	1°♋51'47	
superior conj	-327 Jul 15 j 22:54	17°♋38'47	1°45'12
minimum elong	-327 Jul 15 j 21:47	17°♋33'06	1°45'09
max. Earth dist.	-327 Jul 21 j 03:24	27°♋51'36	1.36548 AU
	-327 Jul 22 j 06:21	0°♌	
evening rise	-327 Jul 25 j 02:13	5°♌16'01	
	-327 Aug 08 j 20:22	0°♍	
desc. node	-327 Aug 10 j 06:51	2°♍10'25	
evening max el	-327 Aug 29 j 21:22	27°♍08'28	25°55'06
	-327 Sep 02 j 01:50	0°♎	
retrograde	-327 Sep 11 j 07:34	4°♎14'03	
evening set	-327 Sep 17 j 12:23	1°♎37'35	
	-327 Sep 19 j 04:59	30°℞♍	
min. Earth dist.	-327 Sep 21 j 18:43	26°♍59'17	0.66669 AU
inferior conj	-327 Sep 23 j 01:58	25°♍20'40	-1°27'24
minimum elong	-327 Sep 23 j 04:11	25°♍13'42	1°26'29
asc. node	-327 Sep 27 j 09:02	20°♍32'40	
morning rise	-327 Sep 28 j 20:16	19°♍27'12	
direct	-327 Oct 02 j 01:17	18°♍27'55	
morning max el	-327 Oct 09 j 00:53	22°♍23'32	19°05'13
	-327 Oct 15 j 04:39	0°♎	
morning set	-327 Oct 31 j 14:33	25°♎02'54	
	-327 Nov 03 j 18:23	0°♏	
desc. node	-327 Nov 06 j 06:07	3°♏53'57	
max. Earth dist.	-327 Nov 15 j 04:21	17°♏54'51	1.44804 AU
superior conj	-327 Nov 17 j 05:24	21°♏08'22	-1°07'51
minimum elong	-327 Nov 16 j 21:37	20°♏37'37	1°06'57
	-327 Nov 22 j 19:10	0°♐	
evening rise	-327 Dec 02 j 05:49	15°♐16'58	
	-327 Dec 11 j 06:14	0°♑	
evening max el	-327 Dec 22 j 09:55	15°♑39'00	18°36'41
asc. node	-327 Dec 24 j 08:18	17°♑24'18	
retrograde	-327 Dec 29 j 01:19	19°♑20'39	
evening set	-326 Jan 01 j 03:18	18°♑27'17	
inferior conj	-326 Jan 06 j 23:16	12°♑50'58	3°33'32
minimum elong	-326 Jan 06 j 21:00	12°♑57'42	3°33'12
min. Earth dist.	-326 Jan 08 j 21:52	10°♑32'10	0.64773 AU
morning rise	-326 Jan 12 j 14:16	6°♑44'02	
direct	-326 Jan 19 j 09:17	3°♑51'39	
morning max el	-326 Feb 01 j 18:09	11°♑37'18	27°11'53
desc. node	-326 Feb 02 j 05:15	12°♑05'22	
	-326 Feb 16 j 10:18	0°♒	
	-326 Mar 06 j 10:41	0°♓	
morning set	-326 Mar 09 j 05:46	5°♓20'10	
max. Earth dist.	-326 Mar 13 j 21:54	14°♓39'40	1.33897 AU
superior conj	-326 Mar 17 j 10:02	21°♓56'39	-0°49'39
minimum elong	-326 Mar 17 j 12:24	22°♓09'06	0°49'12
	-326 Mar 21 j 05:14	0°♈	
asc. node	-326 Mar 22 j 07:38	2°♈20'14	
evening rise	-326 Mar 24 j 18:06	7°♈28'28	
	-326 Apr 05 j 20:44	0°♉	
evening max el	-326 Apr 14 j 11:05	10°♉49'48	21°53'52
retrograde	-326 Apr 27 j 00:39	16°♉58'15	
evening set	-326 Apr 29 j 15:43	16°♉42'50	
desc. node	-326 May 01 j 04:29	16°♉20'27	
min. Earth dist.	-326 May 08 j 16:04	12°♉51'47	0.55076 AU
inferior conj	-326 May 09 j 01:39	12°♉38'20	-2°11'47
minimum elong	-326 May 08 j 19:48	12°♉46'34	2°09'53
morning rise	-326 May 18 j 01:02	8°♉42'04	
direct	-326 May 20 j 23:27	8°♉22'57	
morning max el	-326 Jun 02 j 01:00	14°♉03'21	21°38'15
	-326 Jun 13 j 22:37	0°♊	
asc. node	-326 Jun 18 j 06:54	7°♊58'34	
morning set	-326 Jun 22 j 14:18	16°♊39'06	
	-326 Jun 28 j 22:47	0°♋	
superior conj	-326 Jun 29 j 22:20	2°♋03'09	1°36'27
minimum elong	-326 Jun 29 j 20:13	1°♋52'03	1°36'15
max. Earth dist.	-326 Jul 03 j 16:07	9°♋44'29	1.34957 AU
evening rise	-326 Jul 08 j 03:58	18°♋35'33	
	-326 Jul 14 j 08:49	0°♌	
desc. node	-326 Jul 28 j 03:52	22°♌03'09	
	-326 Aug 02 j 23:44	0°♍	
evening max el	-326 Aug 12 j 09:15	10°♍41'37	26°49'44
retrograde	-326 Aug 25 j 11:16	17°♍58'26	
evening set	-326 Sep 01 j 04:51	15°♍13'33	
min. Earth dist.	-326 Sep 05 j 03:54	11°♍12'27	0.65679 AU
inferior conj	-326 Sep 06 j 23:20	9°♍04'53	-2°22'41
minimum elong	-326 Sep 07 j 02:53	8°♍54'26	2°21'22
morning rise	-326 Sep 13 j 01:27	3°♍23'30	
asc. node	-326 Sep 14 j 06:06	2°♍53'24	
direct	-326 Sep 15 j 22:28	2°♍37'38	
morning max el	-326 Sep 22 j 13:07	6°♍14'57	18°23'58
	-326 Oct 08 j 19:55	0°♎	
morning set	-326 Oct 12 j 00:08	5°♎09'29	
desc. node	-326 Oct 24 j 03:09	24°♎36'50	
superior conj	-326 Oct 27 j 05:49	29°♎31'50	-0°20'18
minimum elong	-326 Oct 27 j 03:09	29°♎21'18	0°19'57
	-326 Oct 27 j 12:58	0°♏	
max. Earth dist.	-326 Oct 28 j 22:47	2°♏13'07	1.45001 AU
evening rise	-326 Nov 12 j 13:32	25°♏09'12	
	-326 Nov 15 j 15:33	0°♐	
greatest brilliancy	-326 Nov 23 j 00:03	11°♐29'45	-0.8m
evening max el	-326 Dec 05 j 19:00	29°♐05'55	19°17'24
	-326 Dec 06 j 16:56	0°♑	
asc. node	-326 Dec 11 j 05:20	2°♑54'59	
retrograde	-326 Dec 12 j 21:07	3°♑10'16	
evening set	-326 Dec 16 j 05:43	2°♑04'31	
	-326 Dec 18 j 15:50	30°℞♐	
inferior conj	-326 Dec 21 j 20:02	26°♐12'33	3°05'05
minimum elong	-326 Dec 21 j 17:15	26°♐21'30	3°04'24
min. Earth dist.	-326 Dec 23 j 03:56	24°♐30'23	0.66052 AU
morning rise	-326 Dec 27 j 04:31	20°♐01'32	
direct	-325 Jan 02 j 12:45	17°♐13'56	
morning max el	-325 Jan 15 j 03:31	24°♐40'46	26°12'02

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-325 Jan 19 j 23:31	0°♉	
desc. node	-325 Jan 20 j 02:18	0°♉08'19	
	-325 Feb 09 j 20:52	0°♒	
morning set	-325 Feb 20 j 07:52	18°♒21'36	
max. Earth dist.	-325 Feb 24 j 08:01	26°♒00'00	1.35284 AU
	-325 Feb 26 j 08:46	0°♓	
superior conj	-325 Mar 01 j 07:14	5°♓54'52	-1°15'11
minimum elong	-325 Mar 01 j 10:38	6°♓12'12	1°14'38
evening rise	-325 Mar 09 j 01:45	21°♓57'39	
asc. node	-325 Mar 09 j 04:40	22°♓12'35	
	-325 Mar 13 j 01:51	0°♈	
evening max el	-325 Mar 27 j 14:53	21°♈57'06	20°30'57
retrograde	-325 Apr 07 j 13:40	27°♈12'57	
evening set	-325 Apr 09 j 17:19	27°♈01'36	
desc. node	-325 Apr 18 j 01:28	23°♈31'40	
inferior conj	-325 Apr 18 j 20:31	23°♈04'08	-0°13'38
minimum elong	-325 Apr 18 j 19:53	23°♈05'04	0°13'23
transit middle	-325 Apr 18 j 19:53	23°♈05'04	0°13'23
transit begin	-325 Apr 18 j 17:41	23°♈08'14	
transit end	-325 Apr 18 j 22:04	23°♈01'53	
min. Earth dist.	-325 Apr 20 j 05:32	22°♈16'17	0.55176 AU
morning rise	-325 Apr 27 j 21:12	18°♈49'28	
direct	-325 May 01 j 11:10	18°♈21'39	
morning max el	-325 May 14 j 20:18	24°♈52'47	23°16'22
	-325 May 19 j 13:32	0°♉	
asc. node	-325 Jun 05 j 03:58	27°♉39'18	
	-325 Jun 06 j 07:15	0°♊	
morning set	-325 Jun 07 j 01:32	1°♊35'28	
superior conj	-325 Jun 14 j 04:01	16°♊46'56	1°22'20
minimum elong	-325 Jun 14 j 01:30	16°♊33'32	1°22'00
max. Earth dist.	-325 Jun 16 j 14:44	21°♊58'54	1.33739 AU
	-325 Jun 20 j 11:52	0°♋	
evening rise	-325 Jun 21 j 18:40	2°♋34'28	
	-325 Jul 07 j 05:05	0°♌	
desc. node	-325 Jul 15 j 00:50	11°♌24'14	
evening max el	-325 Jul 25 j 20:53	24°♌01'43	27°20'47
	-325 Aug 02 j 23:35	0°♍	
retrograde	-325 Aug 08 j 09:09	1°♍21'15	
	-325 Aug 13 j 09:39	30°℞♌	
evening set	-325 Aug 15 j 11:44	28°♌37'23	
min. Earth dist.	-325 Aug 19 j 04:40	25°♌12'01	0.64329 AU
inferior conj	-325 Aug 21 j 13:12	22°♌40'41	-3°14'48
minimum elong	-325 Aug 21 j 17:43	22°♌28'35	3°13'26
morning rise	-325 Aug 28 j 00:32	17°♌14'50	
direct	-325 Aug 30 j 16:03	16°♌38'54	
asc. node	-325 Sep 01 j 03:09	16°♌49'59	
morning max el	-325 Sep 06 j 04:20	20°♌06'07	17°59'47
	-325 Sep 13 j 14:15	0°♍	
morning set	-325 Sep 23 j 13:36	16°♍37'42	
	-325 Oct 01 j 12:35	0°♎	
superior conj	-325 Oct 06 j 18:30	8°♎35'15	0°27'44
minimum elong	-325 Oct 06 j 21:37	8°♎47'49	0°27'18
desc. node	-325 Oct 11 j 00:11	15°♎23'17	
max. Earth dist.	-325 Oct 11 j 17:05	16°♎30'27	1.44467 AU
	-325 Oct 20 j 07:36	0°♏	
evening rise	-325 Oct 23 j 01:56	4°♏16'24	
greatest brilliancy	-325 Nov 05 j 23:56	25°♏22'37	-0.6m
	-325 Nov 09 j 04:03	0°♐	
evening max el	-325 Nov 18 j 23:23	12°♐34'18	20°13'28
retrograde	-325 Nov 26 j 18:39	17°♐09'23	
asc. node	-325 Nov 28 j 02:22	16°♐59'26	
evening set	-325 Nov 30 j 11:43	15°♐49'20	
inferior conj	-325 Dec 05 j 22:23	9°♐44'33	2°27'30
minimum elong	-325 Dec 05 j 19:40	9°♐53'40	2°26'37
min. Earth dist.	-325 Dec 06 j 17:04	8°♐41'43	0.66940 AU
morning rise	-325 Dec 11 j 03:26	3°♐31'26	
direct	-325 Dec 16 j 21:34	0°♐58'47	
morning max el	-325 Dec 28 j 12:02	7°♐53'15	24°53'37
desc. node	-324 Jan 06 j 23:22	19°♐03'33	
	-324 Jan 14 j 20:06	0°♉	
	-324 Feb 02 j 10:12	0°♒	
morning set	-324 Feb 02 j 15:50	0°♒24'57	
max. Earth dist.	-324 Feb 06 j 07:48	7°♒03'10	1.37093 AU
superior conj	-324 Feb 12 j 18:34	19°♒19'17	-1°37'36
minimum elong	-324 Feb 12 j 22:23	19°♒37'55	1°37'10
	-324 Feb 18 j 03:24	0°♓	
evening rise	-324 Feb 21 j 04:13	6°♓05'46	
asc. node	-324 Feb 24 j 01:41	11°♓49'19	
	-324 Mar 05 j 22:41	0°♈	
evening max el	-324 Mar 09 j 05:51	3°♈42'00	19°25'23
retrograde	-324 Mar 18 j 11:54	8°♈08'31	
evening set	-324 Mar 20 j 16:16	7°♈54'46	
inferior conj	-324 Mar 29 j 02:37	3°♈47'53	1°35'57
minimum elong	-324 Mar 29 j 06:16	3°♈41'56	1°34'47
min. Earth dist.	-324 Mar 31 j 20:04	2°♈01'42	0.56197 AU
desc. node	-324 Apr 03 j 22:30	0°♈14'02	
	-324 Apr 04 j 09:45	30°℞♓	
morning rise	-324 Apr 06 j 17:33	29°♓01'49	
direct	-324 Apr 11 j 08:15	28°♓13'29	
	-324 Apr 18 j 04:41	0°♈	
morning max el	-324 Apr 25 j 11:04	5°♈23'01	24°56'25
	-324 May 13 j 03:01	0°♉	
morning set	-324 May 21 j 13:31	16°♉34'27	
asc. node	-324 May 22 j 00:59	17°♉34'59	
	-324 May 27 j 18:51	0°♊	
superior conj	-324 May 28 j 13:31	1°♊41'41	1°04'00
minimum elong	-324 May 28 j 11:11	1°♊28'56	1°03'37
max. Earth dist.	-324 May 29 j 21:27	4°♊35'02	1.32907 AU
evening rise	-324 Jun 04 j 18:28	17°♊00'16	
	-324 Jun 11 j 10:27	0°♋	
desc. node	-324 Jun 30 j 21:50	29°♋59'38	
	-324 Jun 30 j 21:57	0°♌	
evening max el	-324 Jul 07 j 05:58	6°♌54'13	27°22'14
retrograde	-324 Jul 21 j 00:39	14°♌12'39	
evening set	-324 Jul 28 j 05:25	11°♌42'07	
min. Earth dist.	-324 Jul 31 j 19:15	8°♌46'19	0.62628 AU
inferior conj	-324 Aug 03 j 16:40	6°♌00'30	-4°00'05
minimum elong	-324 Aug 03 j 21:15	5°♌49'30	3°59'06
morning rise	-324 Aug 10 j 14:20	0°♌53'39	
direct	-324 Aug 13 j 02:45	0°♌24'49	
asc. node	-324 Aug 18 j 00:12	2°♌15'56	
morning max el	-324 Aug 19 j 19:45	3°♌50'15	17°53'35
morning set	-324 Sep 05 j 01:34	29°♌10'06	
	-324 Sep 05 j 12:45	0°♍	
superior conj	-324 Sep 16 j 09:02	18°♍55'48	1°06'04
minimum elong	-324 Sep 16 j 14:06	19°♍17'14	1°05'29
	-324 Sep 23 j 01:14	0°♎	
max. Earth dist.	-324 Sep 23 j 08:01	0°♎27'34	1.43269 AU
desc. node	-324 Sep 26 j 21:12	6°♎09'43	
evening rise	-324 Oct 01 j 09:00	13°♎13'42	
	-324 Oct 12 j 10:05	0°♏	
evening max el	-324 Oct 31 j 21:57	26°♏02'36	21°22'10
	-324 Nov 05 j 16:40	0°♐	
retrograde	-324 Nov 09 j 15:50	1°♐14'27	
	-324 Nov 13 j 07:31	30°℞♏	
evening set	-324 Nov 13 j 19:21	29°♏38'14	
asc. node	-324 Nov 13 j 23:24	29°♏30'09	
inferior conj	-324 Nov 19 j 04:03	23°♏23'58	1°43'03

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-324 Nov 19 j 01:54	23°♏31'23	1°42'13
min. Earth dist.	-324 Nov 19 j 11:02	22°♏59'50	0.67459 AU
morning rise	-324 Nov 24 j 08:17	17°♏10'38	
direct	-324 Nov 29 j 11:05	14°♏58'41	
morning max el	-324 Dec 09 j 21:03	21°♏10'39	23°26'37
	-324 Dec 17 j 11:13	0°♐	
desc. node	-324 Dec 23 j 20:26	8°♐35'51	
	-323 Jan 07 j 02:49	0°♑	
morning set	-323 Jan 13 j 23:27	11°♑14'06	
max. Earth dist.	-323 Jan 18 j 03:13	18°♑22'16	1.39166 AU
	-323 Jan 24 j 14:21	0°♒	
superior conj	-323 Jan 25 j 16:04	1°♒59'24	-1°54'14
minimum elong	-323 Jan 25 j 19:03	2°♒13'16	1°54'03
evening rise	-323 Feb 03 j 22:50	19°♒45'38	
	-323 Feb 09 j 08:28	0°♓	
asc. node	-323 Feb 09 j 22:43	1°♓04'44	
evening max el	-323 Feb 20 j 06:37	16°♓03'00	18°39'39
retrograde	-323 Feb 28 j 04:00	19°♓53'35	
evening set	-323 Mar 02 j 13:04	19°♓33'55	
inferior conj	-323 Mar 10 j 04:34	15°♓09'05	2°53'57
minimum elong	-323 Mar 10 j 08:48	15°♓01'01	2°52'58
min. Earth dist.	-323 Mar 13 j 13:24	12°♓36'28	0.57904 AU
morning rise	-323 Mar 18 j 01:42	9°♓51'28	
desc. node	-323 Mar 21 j 19:33	8°♓39'38	
direct	-323 Mar 23 j 19:09	8°♓29'44	
morning max el	-323 Apr 07 j 03:33	16°♓03'13	26°23'06
	-323 Apr 18 j 11:43	0°♈	
	-323 May 05 j 07:18	0°♉	
morning set	-323 May 06 j 00:38	1°♉30'33	
asc. node	-323 May 08 j 22:02	7°♉40'39	
superior conj	-323 May 13 j 01:00	16°♉41'08	0°42'23
minimum elong	-323 May 12 j 23:15	16°♉31'33	0°42'03
max. Earth dist.	-323 May 13 j 09:03	17°♉25'18	1.32451 AU
	-323 May 19 j 04:42	0°♊	
evening rise	-323 May 20 j 00:30	1°♊43'50	
	-323 Jun 04 j 10:11	0°♋	
desc. node	-323 Jun 17 j 18:50	17°♋30'07	
evening max el	-323 Jun 19 j 09:56	19°♋07'05	26°50'45
retrograde	-323 Jul 03 j 09:05	26°♋23'35	
evening set	-323 Jul 10 j 05:35	24°♋20'17	
min. Earth dist.	-323 Jul 13 j 23:38	21°♋40'56	0.60653 AU
inferior conj	-323 Jul 17 j 06:20	18°♋55'57	-4°32'35
minimum elong	-323 Jul 17 j 09:25	18°♋49'27	4°32'14
morning rise	-323 Jul 24 j 15:05	14°♋10'49	
direct	-323 Jul 27 j 02:36	13°♋46'54	
morning max el	-323 Aug 03 j 08:22	17°♋20'01	18°06'23
asc. node	-323 Aug 04 j 21:16	18°♋57'16	
	-323 Aug 12 j 09:08	0°♌	
morning set	-323 Aug 19 j 06:09	12°♌30'21	
	-323 Aug 28 j 18:20	0°♍	
superior conj	-323 Aug 29 j 02:19	0°♍35'37	1°31'19
minimum elong	-323 Aug 29 j 06:14	0°♍53'08	1°30'59
max. Earth dist.	-323 Sep 05 j 17:11	13°♍47'11	1.41567 AU
evening rise	-323 Sep 11 j 04:44	22°♍47'45	
desc. node	-323 Sep 13 j 18:13	26°♍52'57	
	-323 Sep 15 j 17:53	0°♎	
	-323 Oct 06 j 12:24	0°♏	
evening max el	-323 Oct 14 j 14:55	9°♏31'34	22°39'27
retrograde	-323 Oct 24 j 10:59	15°♏22'23	
evening set	-323 Oct 29 j 02:51	13°♏28'36	
asc. node	-323 Oct 31 j 20:29	10°♏37'13	
inferior conj	-323 Nov 03 j 11:05	7°♏08'34	0°53'26
minimum elong	-323 Nov 03 j 09:53	7°♏12'46	0°52'55
min. Earth dist.	-323 Nov 03 j 07:27	7°♏21'09	0.67649 AU
morning rise	-323 Nov 08 j 16:47	0°♏57'14	
	-323 Nov 10 j 01:40	30°℞♎	
direct	-323 Nov 13 j 04:42	29°♎07'43	
	-323 Nov 16 j 13:32	0°♏	
morning max el	-323 Nov 22 j 09:33	4°♏33'38	22°00'15
desc. node	-323 Dec 10 j 17:29	28°♏34'15	
	-323 Dec 11 j 16:44	0°♐	
morning set	-323 Dec 25 j 01:56	20°♐38'13	
	-323 Dec 30 j 19:16	0°♑	
max. Earth dist.	-323 Dec 31 j 01:13	0°♑24'51	1.41255 AU
superior conj	-322 Jan 07 j 18:37	13°♑41'36	-2°01'25
minimum elong	-322 Jan 07 j 18:49	13°♑42'32	2°01'25
	-322 Jan 16 j 17:56	0°♒	
evening rise	-322 Jan 18 j 06:12	2°♒48'13	
asc. node	-322 Jan 27 j 19:47	19°♒50'45	
evening max el	-322 Feb 03 j 14:19	28°♒51'19	18°14'02
	-322 Feb 04 j 20:55	0°♓	
retrograde	-322 Feb 10 j 14:18	2°♓21'48	
evening set	-322 Feb 13 j 04:14	1°♓54'05	
	-322 Feb 16 j 15:36	30°℞♒	
inferior conj	-322 Feb 20 j 03:14	27°♒08'30	3°36'56
minimum elong	-322 Feb 20 j 05:38	27°♒03'09	3°36'38
min. Earth dist.	-322 Feb 23 j 11:50	24°♒11'21	0.59959 AU
morning rise	-322 Feb 27 j 04:58	21°♒28'15	
direct	-322 Mar 05 j 18:43	19°♒28'09	
desc. node	-322 Mar 08 j 16:37	19°♒50'40	
morning max el	-322 Mar 20 j 01:24	27°♒14'20	27°22'32
	-322 Mar 22 j 16:56	0°♓	
	-322 Apr 12 j 00:47	0°♈	
morning set	-322 Apr 20 j 09:04	16°♈16'47	
asc. node	-322 Apr 25 j 19:05	27°♈51'05	
	-322 Apr 26 j 18:40	0°♉	
max. Earth dist.	-322 Apr 26 j 21:44	0°♉16'44	1.32357 AU
superior conj	-322 Apr 27 j 12:40	1°♉38'33	0°18'15
minimum elong	-322 Apr 27 j 11:51	1°♉34'05	0°18'05
evening rise	-322 May 04 j 10:18	16°♉36'33	
	-322 May 11 j 02:36	0°♊	
	-322 May 31 j 16:49	0°♋	
evening max el	-322 Jun 01 j 07:15	0°♋35'03	25°48'02
desc. node	-322 Jun 04 j 15:52	3°♋28'50	
retrograde	-322 Jun 15 j 08:42	7°♋47'30	
evening set	-322 Jun 21 j 07:56	6°♋22'07	
min. Earth dist.	-322 Jun 25 j 19:43	3°♋41'22	0.58592 AU
inferior conj	-322 Jun 29 j 02:38	1°♋17'46	-4°42'59
minimum elong	-322 Jun 29 j 02:09	1°♋18'39	4°42'57
	-322 Jun 30 j 22:04	30°℞♊	
morning rise	-322 Jul 06 j 22:52	26°♊54'55	
direct	-322 Jul 09 j 11:14	26°♊34'22	
	-322 Jul 17 j 03:35	0°♋	
morning max el	-322 Jul 17 j 15:08	0°♋26'31	18°39'18
asc. node	-322 Jul 22 j 18:20	6°♋38'43	
morning set	-322 Aug 02 j 22:43	26°♋26'10	
	-322 Aug 04 j 18:41	0°♌	
superior conj	-322 Aug 11 j 17:20	13°♌20'30	1°44'19
minimum elong	-322 Aug 11 j 19:05	13°♌28'44	1°44'14
max. Earth dist.	-322 Aug 18 j 21:13	26°♌22'41	1.39593 AU
	-322 Aug 20 j 23:09	0°♍	
evening rise	-322 Aug 23 j 00:05	3°♍28'46	
desc. node	-322 Aug 31 j 15:15	17°♍29'21	
	-322 Sep 08 j 23:10	0°♎	
evening max el	-322 Sep 27 j 04:06	23°♎04'06	23°59'44
retrograde	-322 Oct 08 j 02:47	29°♎30'22	
evening set	-322 Oct 13 j 08:35	27°♎18'41	
min. Earth dist.	-322 Oct 18 j 03:51	21°♎44'07	0.67522 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-322 Oct 18 j 17:47	20°♎56'51	0°00'13	
minimum elong	-322 Oct 18 j 17:46	20°♎56'53	0°00'13	
transit middle	-322 Oct 18 j 17:46	20°♎56'53	0°00'13	
transit begin	-322 Oct 18 j 15:03	21°♎06'07		
transit end	-322 Oct 18 j 20:30	20°♎47'39		
asc. node	-322 Oct 18 j 17:32	20°♎57'42		
morning rise	-322 Oct 24 j 02:56	14°♎50'07		
direct	-322 Oct 28 j 01:21	13°♎22'11		
morning max el	-322 Nov 05 j 04:32	18°♎05'48	20°41'55	
	-322 Nov 14 j 18:08	0°♏		
desc. node	-322 Nov 27 j 14:32	18°♏51'48		
morning set	-322 Dec 04 j 04:06	28°♏57'04		
	-322 Dec 04 j 20:15	0°♐		
max. Earth dist.	-322 Dec 13 j 06:35	13°♐23'00	1.43072 AU	
superior conj	-322 Dec 19 j 20:55	24°♐14'39	-1°54'38	
minimum elong	-322 Dec 19 j 16:32	23°♐56'15	1°54'25	
	-322 Dec 23 j 06:34	0°♑		
evening rise	-322 Dec 31 j 22:23	15°♑05'50		
	-321 Jan 09 j 11:42	0°♒		
asc. node	-321 Jan 14 j 16:49	7°♒58'26		
evening max el	-321 Jan 18 j 01:54	11°♒58'49	18°08'02	
retrograde	-321 Jan 24 j 15:17	15°♒23'52		
evening set	-321 Jan 27 j 09:41	14°♒46'51		
inferior conj	-321 Feb 02 j 19:40	9°♒40'18	3°51'13	
minimum elong	-321 Feb 02 j 19:48	9°♒39'58	3°51'13	
min. Earth dist.	-321 Feb 05 j 17:53	6°♒43'34	0.62032 AU	
morning rise	-321 Feb 09 j 04:44	3°♒45'59		
direct	-321 Feb 16 j 04:07	1°♒14'34		
desc. node	-321 Feb 23 j 13:41	3°♒40'29		
morning max el	-321 Mar 02 j 05:10	9°♒05'38	27°46'35	
	-321 Mar 18 j 09:21	0°♓		
	-321 Apr 04 j 03:45	0°♈		
morning set	-321 Apr 04 j 12:51	0°♈46'14		
max. Earth dist.	-321 Apr 10 j 07:48	12°♈56'44	1.32636 AU	
superior conj	-321 Apr 11 j 22:50	16°♈28'03	-0°07'38	
minimum elong	-321 Apr 11 j 23:11	16°♈30'00	0°07'34	
behind sun begin	-321 Apr 11 j 18:39	16°♈05'19		
behind sun end	-321 Apr 12 j 03:44	16°♈54'42		
asc. node	-321 Apr 12 j 16:08	18°♈02'10		
	-321 Apr 18 j 04:41	0°♉		
evening rise	-321 Apr 18 j 21:55	1°♉31'29		
	-321 May 04 j 13:53	0°♊		
evening max el	-321 May 13 j 23:07	11°♊25'26	24°22'11	
desc. node	-321 May 22 j 12:53	17°♊21'09		
retrograde	-321 May 27 j 20:43	18°♊25'52		
evening set	-321 Jun 01 j 11:45	17°♊38'01		
min. Earth dist.	-321 Jun 07 j 10:32	14°♊39'54	0.56747 AU	
inferior conj	-321 Jun 10 j 03:00	12°♊57'42	-4°18'51	
minimum elong	-321 Jun 09 j 21:54	13°♊05'50	4°18'04	
morning rise	-321 Jun 18 j 10:53	8°♊54'00		
direct	-321 Jun 21 j 01:25	8°♊35'37		
morning max el	-321 Jun 30 j 13:05	12°♊59'57	19°33'07	
asc. node	-321 Jul 09 j 15:23	25°♊06'31		
	-321 Jul 12 j 09:52	0°♋		
morning set	-321 Jul 17 j 23:35	10°♋47'47		
superior conj	-321 Jul 26 j 00:25	26°♋54'07	1°47'14	
minimum elong	-321 Jul 26 j 00:10	26°♋52'55	1°47'14	
	-321 Jul 27 j 14:26	0°♌		
max. Earth dist.	-321 Aug 01 j 00:30	8°♌24'09	1.37607 AU	
evening rise	-321 Aug 04 j 19:53	15°♌19'40		
	-321 Aug 13 j 11:31	0°♍		
desc. node	-321 Aug 18 j 12:16	7°♍53'50		
	-321 Sep 03 j 14:00	0°♎		
evening max el	-321 Sep 09 j 15:46	6°♎40'11	25°16'07	
retrograde	-321 Sep 21 j 14:13	13°♎33'40		
evening set	-321 Sep 27 j 10:45	11°♎05'21		
min. Earth dist.	-321 Oct 01 j 21:41	6°♎05'58	0.67078 AU	
inferior conj	-321 Oct 02 j 22:20	4°♎45'43	-0°55'10	
minimum elong	-321 Oct 02 j 23:43	4°♎41'14	0°54'34	
asc. node	-321 Oct 05 j 14:35	1°♎26'44		
	-321 Oct 07 j 00:09	30°℞♍		
morning rise	-321 Oct 08 j 12:47	28°♍46'32		
direct	-321 Oct 11 j 23:38	27°♍37'37		
	-321 Oct 17 j 08:20	0°♎		
morning max el	-321 Oct 19 j 07:11	1°♎47'39	19°36'14	
	-321 Nov 08 j 10:03	0°♏		
morning set	-321 Nov 13 j 02:11	7°♏12'54		
desc. node	-321 Nov 14 j 11:34	9°♏22'22		
max. Earth dist.	-321 Nov 25 j 19:35	27°♏08'06	1.44368 AU	
	-321 Nov 27 j 14:49	0°♐		
superior conj	-321 Nov 29 j 20:18	3°♐33'54	-1°30'04	
minimum elong	-321 Nov 29 j 12:14	3°♐01'34	1°29'18	
evening rise	-321 Dec 13 j 18:58	26°♐30'21		
	-321 Dec 15 j 20:46	0°♑		
evening max el	-320 Jan 01 j 14:27	25°♑17'49	18°21'00	
asc. node	-320 Jan 01 j 13:51	25°♑16'19		
retrograde	-320 Jan 08 j 02:40	28°♑50'08		
evening set	-320 Jan 11 j 01:41	28°♑02'55		
inferior conj	-320 Jan 17 j 01:56	22°♑36'39	3°44'31	
minimum elong	-320 Jan 17 j 00:20	22°♑41'13	3°44'22	
min. Earth dist.	-320 Jan 19 j 09:18	20°♑00'29	0.63873 AU	
morning rise	-320 Jan 22 j 22:22	16°♑33'31		
direct	-320 Jan 29 j 21:15	13°♑44'44		
desc. node	-320 Feb 10 j 10:44	19°♑34'33		
morning max el	-320 Feb 12 j 13:17	21°♑34'14	27°34'09	
	-320 Feb 19 j 22:27	0°♒		
	-320 Mar 10 j 12:04	0°♓		
morning set	-320 Mar 18 j 09:29	14°♓50'44		
max. Earth dist.	-320 Mar 23 j 11:23	25°♓12'35	1.33315 AU	
	-320 Mar 25 j 17:47	0°♈		
superior conj	-320 Mar 26 j 05:42	1°♈03'33	-0°34'20	
minimum elong	-320 Mar 26 j 07:21	1°♈12'19	0°34'00	
asc. node	-320 Mar 29 j 13:10	8°♈09'55		
evening rise	-320 Apr 02 j 09:30	16°♈22'13		
	-320 Apr 09 j 05:23	0°♉		
evening max el	-320 Apr 24 j 14:29	22°♉00'54	22°47'02	
retrograde	-320 May 07 j 19:59	28°♉33'48		
desc. node	-320 May 08 j 09:55	28°♉33'03		
evening set	-320 May 11 j 01:43	28°♉10'49		
min. Earth dist.	-320 May 18 j 23:13	24°♉43'12	0.55455 AU	
inferior conj	-320 May 20 j 08:35	23°♉55'22	-3°10'16	
minimum elong	-320 May 20 j 01:26	24°♉05'38	3°08'19	
morning rise	-320 May 29 j 03:26	20°♉01'31		
direct	-320 May 31 j 21:45	19°♉43'41		
morning max el	-320 Jun 12 j 00:17	24°♉53'09	20°47'25	
	-320 Jun 16 j 14:58	0°♊		
asc. node	-320 Jun 25 j 12:26	14°♊09'49		
morning set	-320 Jul 01 j 06:08	25°♊28'18		
	-320 Jul 03 j 10:45	0°♋		
superior conj	-320 Jul 08 j 18:59	11°♋03'44	1°42'13	
minimum elong	-320 Jul 08 j 17:21	10°♋55'22	1°42'08	
max. Earth dist.	-320 Jul 13 j 08:44	20°♋14'31	1.35830 AU	
evening rise	-320 Jul 17 j 12:10	28°♋11'00		
	-320 Jul 18 j 11:38	0°♌		
desc. node	-320 Aug 04 j 09:16	28°♌00'37		
	-320 Aug 05 j 17:58	0°♍		
evening max el	-320 Aug 22 j 03:24	20°♍16'20	26°20'45	
retrograde	-320 Sep 03 j 20:42	27°♍27'11		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-320 Sep 10 j 07:25	24°♍46'11	
min. Earth dist.	-320 Sep 14 j 10:35	20°♍23'51	0.66297 AU
inferior conj	-320 Sep 15 j 22:54	18°♍32'35	-1°51'03
minimum elong	-320 Sep 16 j 01:42	18°♍23'59	1°49'56
asc. node	-320 Sep 21 j 11:38	12°♍57'15	
morning rise	-320 Sep 21 j 20:20	12°♍44'00	
direct	-320 Sep 24 j 21:45	11°♍50'46	
morning max el	-320 Oct 01 j 16:33	15°♍37'05	18°45'41
	-320 Oct 12 j 08:01	0°♎	
morning set	-320 Oct 22 j 19:30	16°♎31'03	
desc. node	-320 Oct 31 j 08:36	0°♏01'49	
	-320 Oct 31 j 08:08	0°♏	
superior conj	-320 Nov 07 j 23:40	12°♏01'48	-0°48'34
minimum elong	-320 Nov 07 j 17:30	11°♏37'34	0°47'47
max. Earth dist.	-320 Nov 07 j 13:15	11°♏20'49	1.44981 AU
	-320 Nov 19 j 08:18	0°♐	
evening rise	-320 Nov 23 j 16:24	6°♐56'25	
	-320 Dec 08 j 07:04	0°♑	
evening max el	-320 Dec 15 j 01:22	8°♑42'43	18°51'57
asc. node	-320 Dec 18 j 10:53	11°♑30'38	
retrograde	-320 Dec 21 j 20:26	12°♑33'02	
evening set	-320 Dec 25 j 01:04	11°♑34'28	
inferior conj	-320 Dec 30 j 18:20	5°♑50'52	3°22'47
minimum elong	-320 Dec 30 j 15:46	5°♑58'48	3°22'17
min. Earth dist.	-319 Jan 01 j 10:24	3°♑47'20	0.65363 AU
	-319 Jan 04 j 22:03	30°℞♐	
morning rise	-319 Jan 05 j 06:08	29°♐41'56	
direct	-319 Jan 11 j 21:00	26°♐50'27	
	-319 Jan 19 j 19:28	0°♑	
morning max el	-319 Jan 24 j 23:04	4°♑29'25	26°49'26
desc. node	-319 Jan 27 j 07:47	6°♑58'31	
	-319 Feb 13 j 10:09	0°♒	
morning set	-319 Mar 01 j 19:35	28°♒19'09	
	-319 Mar 02 j 16:35	0°♓	
max. Earth dist.	-319 Mar 06 j 04:46	6°♓54'31	1.34434 AU
superior conj	-319 Mar 10 j 07:09	15°♓17'30	-1°00'43
minimum elong	-319 Mar 10 j 10:00	15°♓32'20	1°00'12
asc. node	-319 Mar 16 j 10:12	28°♓09'20	
	-319 Mar 17 j 07:22	0°♈	
evening rise	-319 Mar 17 j 19:10	1°♈01'22	
	-319 Apr 03 j 20:23	0°♉	
evening max el	-319 Apr 06 j 12:11	2°♉49'46	21°16'40
retrograde	-319 Apr 18 j 10:22	8°♉37'08	
evening set	-319 Apr 20 j 18:38	8°♉24'27	
desc. node	-319 Apr 25 j 06:56	6°♉57'03	
inferior conj	-319 Apr 30 j 03:23	4°♉24'41	-1°22'48
minimum elong	-319 Apr 29 j 23:30	4°♉30'09	1°21'26
min. Earth dist.	-319 Apr 30 j 12:06	4°♉12'24	0.55000 AU
morning rise	-319 May 09 j 04:39	0°♉23'09	
direct	-319 May 12 j 08:09	0°♉01'40	
morning max el	-319 May 25 j 00:47	6°♉03'58	22°18'57
	-319 Jun 10 j 12:37	0°♊	
asc. node	-319 Jun 12 j 09:28	3°♊38'52	
morning set	-319 Jun 15 j 16:11	10°♊20'28	
superior conj	-319 Jun 22 j 21:25	25°♊37'41	1°31'02
minimum elong	-319 Jun 22 j 19:03	25°♊25'14	1°30'47
	-319 Jun 24 j 23:28	0°♋	
max. Earth dist.	-319 Jun 26 j 01:37	2°♋15'17	1.34390 AU
evening rise	-319 Jun 30 j 19:56	11°♋48'38	
	-319 Jul 10 j 19:51	0°♌	
desc. node	-319 Jul 22 j 06:16	17°♌41'22	
	-319 Aug 01 j 00:24	0°♍	
evening max el	-319 Aug 04 j 15:09	3°♍44'33	27°06'07
retrograde	-319 Aug 17 j 22:00	11°♍03'38	
evening set	-319 Aug 24 j 20:10	8°♍17'27	
min. Earth dist.	-319 Aug 28 j 16:16	4°♍32'18	0.65151 AU
inferior conj	-319 Aug 30 j 17:21	2°♍13'31	-2°45'22
minimum elong	-319 Aug 30 j 21:23	2°♍02'05	2°43'59
	-319 Sep 01 j 18:04	30°℞♌	
morning rise	-319 Sep 05 j 23:16	26°♌38'40	
asc. node	-319 Sep 08 j 08:41	25°♌58'16	
direct	-319 Sep 08 j 17:37	25°♌57'31	
morning max el	-319 Sep 15 j 06:28	29°♌29'25	18°11'35
	-319 Sep 15 j 18:18	0°♍	
morning set	-319 Oct 03 j 17:19	27°♍13'35	
	-319 Oct 05 j 09:37	0°♎	
superior conj	-319 Oct 18 j 02:48	20°♎35'29	0°00'47
minimum elong	-319 Oct 18 j 02:53	20°♎35'49	0°00'46
behind sun begin	-319 Oct 17 j 15:59	19°♎52'28	
behind sun end	-319 Oct 18 j 13:47	21°♎19'07	
desc. node	-319 Oct 18 j 05:38	20°♎46'48	
max. Earth dist.	-319 Oct 21 j 07:57	25°♎40'47	1.44853 AU
	-319 Oct 24 j 01:52	0°♏	
evening rise	-319 Nov 03 j 14:49	16°♏26'40	
	-319 Nov 12 j 09:02	0°♐	
greatest brilliancy	-319 Nov 16 j 01:48	5°♐38'01	-0.7m
evening max el	-319 Nov 28 j 08:33	22°♐10'22	19°39'30
asc. node	-319 Dec 05 j 07:55	26°♐26'33	
retrograde	-319 Dec 05 j 17:24	26°♐27'26	
evening set	-319 Dec 09 j 05:17	25°♐15'54	
inferior conj	-319 Dec 14 j 17:48	19°♐17'56	2°50'09
minimum elong	-319 Dec 14 j 14:58	19°♐27'13	2°49'21
min. Earth dist.	-319 Dec 15 j 19:52	17°♐52'22	0.66465 AU
morning rise	-319 Dec 20 j 00:26	13°♐05'33	
direct	-319 Dec 26 j 02:48	10°♐23'23	
morning max el	-318 Jan 07 j 08:19	17°♐38'54	25°40'29
desc. node	-318 Jan 14 j 04:49	25°♐26'19	
	-318 Jan 17 j 17:35	0°♑	
	-318 Feb 06 j 09:35	0°♒	
morning set	-318 Feb 12 j 14:46	10°♒58'47	
max. Earth dist.	-318 Feb 16 j 10:12	18°♒05'22	1.36004 AU
superior conj	-318 Feb 22 j 00:35	29°♒02'49	-1°25'12
minimum elong	-318 Feb 22 j 04:16	29°♒21'18	1°24'41
	-318 Feb 22 j 11:58	0°♓	
evening rise	-318 Mar 02 j 00:57	15°♓22'52	
asc. node	-318 Mar 03 j 07:14	17°♓56'06	
	-318 Mar 09 j 15:04	0°♈	
evening max el	-318 Mar 19 j 20:44	14°♈13'01	20°00'42
retrograde	-318 Mar 30 j 02:04	19°♈07'02	
evening set	-318 Apr 01 j 04:48	18°♈55'23	
inferior conj	-318 Apr 10 j 01:35	14°♈55'32	0°35'41
minimum elong	-318 Apr 10 j 03:09	14°♈53'09	0°35'08
min. Earth dist.	-318 Apr 12 j 02:14	13°♈41'57	0.55508 AU
desc. node	-318 Apr 12 j 03:58	13°♈39'22	
morning rise	-318 Apr 18 j 23:23	10°♈27'54	
direct	-318 Apr 22 j 22:47	9°♈53'07	
morning max el	-318 May 06 j 17:37	16°♈43'07	23°59'26
	-318 May 17 j 10:04	0°♉	
asc. node	-318 May 30 j 06:31	23°♉26'36	
morning set	-318 May 31 j 03:56	25°♉18'35	
	-318 Jun 02 j 08:53	0°♊	
superior conj	-318 Jun 07 j 05:01	10°♊27'16	1°15'01
minimum elong	-318 Jun 07 j 02:31	10°♊13'49	1°14'39
max. Earth dist.	-318 Jun 09 j 03:45	14°♊38'12	1.33339 AU
evening rise	-318 Jun 14 j 14:56	26°♊00'19	
	-318 Jun 16 j 15:10	0°♋	
	-318 Jul 04 j 05:24	0°♌	
desc. node	-318 Jul 09 j 03:17	6°♌45'00	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-318 Jul 18 j 01:50	16°♌53'51	27°25'14	
retrograde	-318 Jul 31 j 17:31	24°♌14'03		
evening set	-318 Aug 07 j 21:56	21°♌34'02		
min. Earth dist.	-318 Aug 11 j 12:54	18°♌22'22	0.63641 AU	
inferior conj	-318 Aug 14 j 03:09	15°♌43'08	-3°35'12	
minimum elong	-318 Aug 14 j 07:50	15°♌31'06	3°33'56	
morning rise	-318 Aug 20 j 18:48	10°♌25'05		
direct	-318 Aug 23 j 08:33	9°♌52'40		
asc. node	-318 Aug 26 j 05:45	10°♌33'53		
morning max el	-318 Aug 29 j 22:09	13°♌18'24	17°54'53	
	-318 Sep 10 j 09:35	0°♍		
morning set	-318 Sep 15 j 17:05	9°♍10'43		
	-318 Sep 27 j 23:23	0°♎		
superior conj	-318 Sep 28 j 01:39	0°♎09'20	0°45'32	
minimum elong	-318 Sep 28 j 06:06	0°♎27'39	0°44'57	
max. Earth dist.	-318 Oct 04 j 00:32	9°♎49'13	1.44022 AU	
desc. node	-318 Oct 05 j 02:38	11°♎33'21		
evening rise	-318 Oct 13 j 22:36	25°♎23'08		
	-318 Oct 16 j 22:43	0°♏		
	-318 Nov 06 j 14:43	0°♐		
evening max el	-318 Nov 11 j 10:28	5°♐38'18	20°41'28	
retrograde	-318 Nov 19 j 15:00	10°♐28'51		
asc. node	-318 Nov 22 j 04:59	9°♐50'54		
evening set	-318 Nov 23 j 12:10	9°♐02'21		
inferior conj	-318 Nov 28 j 21:48	2°♐53'14	2°09'22	
minimum elong	-318 Nov 28 j 19:17	3°♐01'50	2°08'29	
min. Earth dist.	-318 Nov 29 j 11:26	2°♐06'45	0.67197 AU	
	-318 Dec 01 j 01:36	30°℞♏		
morning rise	-318 Dec 04 j 02:11	26°♏39'34		
direct	-318 Dec 09 j 13:52	24°♏15'00		
	-318 Dec 19 j 19:09	0°♐		
morning max el	-318 Dec 20 j 16:37	0°♐52'58	24°17'04	
desc. node	-317 Jan 01 j 01:52	14°♐38'38		
	-317 Jan 11 j 17:05	0°♑		
morning set	-317 Jan 25 j 13:08	22°♑32'23		
max. Earth dist.	-317 Jan 29 j 06:35	29°♑08'00	1.37950 AU	
	-317 Jan 29 j 18:06	0°♒		
superior conj	-317 Feb 05 j 06:34	12°♒09'37	-1°45'34	
minimum elong	-317 Feb 05 j 10:13	12°♒27'08	1°45'14	
evening rise	-317 Feb 14 j 00:23	29°♒19'23		
	-317 Feb 14 j 08:37	0°♓		
asc. node	-317 Feb 18 j 04:17	7°♓24'28		
evening max el	-317 Mar 02 j 16:16	26°♓14'25	19°03'32	
	-317 Mar 08 j 15:13	0°♈		
retrograde	-317 Mar 11 j 07:02	0°♈23'16		
evening set	-317 Mar 13 j 13:16	0°♈07'22		
	-317 Mar 14 j 00:54	30°℞♓		
inferior conj	-317 Mar 21 j 15:33	25°♓53'54	2°13'25	
minimum elong	-317 Mar 21 j 19:53	25°♓46'22	2°12'10	
min. Earth dist.	-317 Mar 24 j 17:56	23°♓45'36	0.56860 AU	
morning rise	-317 Mar 29 j 23:31	20°♓53'39		
desc. node	-317 Mar 30 j 01:00	20°♓52'12		
direct	-317 Apr 04 j 02:11	19°♓52'03		
morning max el	-317 Apr 18 j 08:19	27°♓13'49	25°35'42	
	-317 Apr 21 j 00:39	0°♈		
	-317 May 10 j 14:00	0°♉		
morning set	-317 May 15 j 15:47	10°♉17'10		
asc. node	-317 May 17 j 03:35	13°♉27'16		
superior conj	-317 May 22 j 15:38	25°♉25'15	0°55'13	
minimum elong	-317 May 22 j 13:29	25°♉13'33	0°54'49	
max. Earth dist.	-317 May 23 j 12:55	27°♉21'33	1.32671 AU	
	-317 May 24 j 18:03	0°♊		
evening rise	-317 May 29 j 17:46	10°♊35'23		
	-317 Jun 08 j 21:37	0°♋		

desc. node	-317 Jun 26 j 00:17	24°♋56'09		
evening max el	-317 Jun 30 j 09:17	29°♋32'05	27°12'58	
	-317 Jun 30 j 21:11	0°♌		
retrograde	-317 Jul 14 j 06:21	6°♌49'37		
evening set	-317 Jul 21 j 08:49	4°♌29'25		
min. Earth dist.	-317 Jul 24 j 23:23	1°♌42'11	0.61809 AU	
	-317 Jul 26 j 20:47	30°℞♋		
inferior conj	-317 Jul 28 j 01:16	28°♋54'41	-4°15'57	
minimum elong	-317 Jul 28 j 05:27	28°♋45'09	4°15'13	
morning rise	-317 Aug 04 j 03:34	23°♋56'30		
direct	-317 Aug 06 j 15:17	23°♋30'00		
asc. node	-317 Aug 13 j 02:48	26°♋34'11		
morning max el	-317 Aug 13 j 12:45	26°♋57'50	17°56'35	
	-317 Aug 16 j 05:08	0°♌		
morning set	-317 Aug 29 j 12:54	22°♌06'08		
	-317 Sep 02 j 21:28	0°♍		
superior conj	-317 Sep 09 j 04:01	11°♍05'03	1°18'23	
minimum elong	-317 Sep 09 j 08:51	11°♍25'57	1°17'53	
max. Earth dist.	-317 Sep 16 j 13:08	23°♍32'06	1.42598 AU	
	-317 Sep 20 j 12:45	0°♎		
desc. node	-317 Sep 21 j 23:40	2°♎19'10		
evening rise	-317 Sep 23 j 09:13	4°♎31'47		
	-317 Oct 10 j 08:04	0°♏		
evening max el	-317 Oct 25 j 06:42	19°♏07'20	21°54'22	
retrograde	-317 Nov 03 j 11:23	24°♏35'19		
evening set	-317 Nov 07 j 19:56	22°♏51'53		
asc. node	-317 Nov 09 j 02:02	21°♏43'17		
inferior conj	-317 Nov 13 j 04:17	16°♏34'58	1°22'31	
minimum elong	-317 Nov 13 j 02:30	16°♏41'11	1°21'48	
min. Earth dist.	-317 Nov 13 j 06:44	16°♏26'30	0.67584 AU	
morning rise	-317 Nov 18 j 08:53	10°♏22'16		
direct	-317 Nov 23 j 05:23	8°♏19'33		
morning max el	-317 Dec 03 j 02:29	14°♏11'25	22°49'14	
	-317 Dec 15 j 20:27	0°♐		
desc. node	-317 Dec 18 j 22:55	4°♐22'58		
	-316 Jan 04 j 16:21	0°♑		
morning set	-316 Jan 06 j 08:32	2°♑44'39		
max. Earth dist.	-316 Jan 11 j 02:10	10°♑42'11	1.40073 AU	
superior conj	-316 Jan 18 j 20:40	24°♑26'39	-1°58'42	
minimum elong	-316 Jan 18 j 22:44	24°♑36'04	1°58'38	
	-316 Jan 21 j 21:00	0°♒		
evening rise	-316 Jan 28 j 14:36	12°♒43'51		
asc. node	-316 Feb 05 j 01:21	26°♒28'07		
	-316 Feb 07 j 04:04	0°♓		
evening max el	-316 Feb 13 j 20:24	8°♓48'03	18°26'21	
retrograde	-316 Feb 21 j 07:01	12°♓27'53		
evening set	-316 Feb 23 j 18:24	12°♓04'48		
inferior conj	-316 Mar 02 j 02:27	7°♓31'11	3°16'10	
minimum elong	-316 Mar 02 j 06:04	7°♓23'48	3°15'30	
min. Earth dist.	-316 Mar 05 j 12:49	4°♓45'19	0.58759 AU	
morning rise	-316 Mar 09 j 15:15	2°♓03'09		
direct	-316 Mar 15 j 18:40	0°♓25'01		
desc. node	-316 Mar 15 j 22:05	0°♓25'05		
morning max el	-316 Mar 30 j 02:34	8°♓04'08	26°52'24	
	-316 Apr 15 j 15:31	0°♈		
morning set	-316 Apr 29 j 01:58	25°♈09'52		
	-316 May 01 j 08:44	0°♉		
asc. node	-316 May 03 j 00:37	3°♉35'27		
superior conj	-316 May 06 j 03:22	10°♉24'32	0°32'26	
minimum elong	-316 May 06 j 01:59	10°♉16'54	0°32'08	
max. Earth dist.	-316 May 06 j 01:37	10°♉14'51	1.32370 AU	
evening rise	-316 May 13 j 01:40	25°♉24'07		
	-316 May 15 j 07:03	0°♊		
	-316 Jun 01 j 17:47	0°♋		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-316 Jun 11 j 10:46	11°♋27'00	26°27'37	
desc. node	-316 Jun 11 j 21:20	11°♋51'52		
retrograde	-316 Jun 25 j 10:57	18°♋41'14		
evening set	-316 Jul 02 j 00:09	16°♋53'25		
min. Earth dist.	-316 Jul 05 j 23:53	14°♋15'45	0.59778 AU	
inferior conj	-316 Jul 09 j 08:03	11°♋37'32	-4°40'23	
minimum elong	-316 Jul 09 j 09:52	11°♋33'56	4°40'16	
morning rise	-316 Jul 16 j 21:37	7°♋01'42		
direct	-316 Jul 19 j 09:27	6°♋39'13		
morning max el	-316 Jul 26 j 23:14	10°♋18'45	18°17'49	
asc. node	-316 Jul 29 j 23:52	13°♋42'51		
	-316 Aug 08 j 22:16	0°♌		
morning set	-316 Aug 11 j 23:08	5°♌43'20		
superior conj	-316 Aug 21 j 07:17	23°♌14'41	1°38'13	
minimum elong	-316 Aug 21 j 10:19	23°♌28'32	1°37'59	
	-316 Aug 25 j 01:31	0°♍		
max. Earth dist.	-316 Aug 28 j 20:31	6°♍35'36	1.40754 AU	
evening rise	-316 Sep 02 j 14:24	14°♍32'39		
desc. node	-316 Sep 07 j 20:42	23°♍00'04		
	-316 Sep 12 j 09:22	0°♎		
	-316 Oct 04 j 10:28	0°♏		
evening max el	-316 Oct 06 j 21:54	2°♏37'50	23°13'34	
retrograde	-316 Oct 17 j 05:07	8°♏43'45		
evening set	-316 Oct 22 j 02:54	6°♏42'10		
asc. node	-316 Oct 25 j 23:05	2°♏24'26		
inferior conj	-316 Oct 27 j 11:23	0°♏21'02	0°31'12	
minimum elong	-316 Oct 27 j 10:39	0°♏23'32	0°30'54	
min. Earth dist.	-316 Oct 27 j 03:19	0°♏48'43	0.67641 AU	
	-316 Oct 27 j 17:31	30°℞♎		
morning rise	-316 Nov 01 j 18:20	24°♎11'36		
direct	-316 Nov 06 j 00:22	22°♎31'31		
morning max el	-316 Nov 14 j 17:30	27°♎37'59	21°25'37	
	-316 Nov 16 j 22:17	0°♏		
desc. node	-316 Dec 04 j 19:59	24°♏30'15		
	-316 Dec 08 j 11:33	0°♐		
morning set	-316 Dec 15 j 23:12	11°♐35'53		
max. Earth dist.	-316 Dec 23 j 03:40	23°♐10'53	1.42079 AU	
	-316 Dec 27 j 05:46	0°♑		
superior conj	-316 Dec 30 j 13:30	5°♑40'37	-2°00'31	
minimum elong	-316 Dec 30 j 11:54	5°♑33'43	2°00'30	
evening rise	-315 Jan 10 j 16:02	25°♑28'28		
	-315 Jan 13 j 03:48	0°♒		
asc. node	-315 Jan 21 j 22:23	14°♒59'02		
evening max el	-315 Jan 27 j 06:04	21°♒45'17	18°09'07	
retrograde	-315 Feb 03 j 00:19	25°♒12'01		
evening set	-315 Feb 05 j 16:11	24°♒40'25		
inferior conj	-315 Feb 12 j 09:10	19°♒45'30	3°46'01	
minimum elong	-315 Feb 12 j 10:35	19°♒42'09	3°45'56	
min. Earth dist.	-315 Feb 15 j 14:02	16°♒45'54	0.60848 AU	
morning rise	-315 Feb 19 j 03:20	13°♒58'22		
direct	-315 Feb 25 j 22:21	11°♒43'57		
desc. node	-315 Mar 02 j 19:07	12°♒47'03		
morning max el	-315 Mar 12 j 03:11	19°♒32'39	27°37'31	
	-315 Mar 21 j 01:13	0°♓		
	-315 Apr 08 j 10:08	0°♈		
morning set	-315 Apr 13 j 08:44	9°♈50'16		
max. Earth dist.	-315 Apr 19 j 13:53	23°♈04'28	1.32430 AU	
asc. node	-315 Apr 19 j 21:41	23°♈46'55		
superior conj	-315 Apr 20 j 14:36	25°♈19'25	0°07'28	
minimum elong	-315 Apr 20 j 14:16	25°♈17'32	0°07'24	
behind sun begin	-315 Apr 20 j 09:46	24°♈52'56		
behind sun end	-315 Apr 20 j 18:45	25°♈42'09		
	-315 Apr 22 j 17:52	0°♉		
evening rise	-315 Apr 27 j 12:29	10°♉18'50		
	-315 May 07 j 15:44	0°♊		
evening max el	-315 May 24 j 05:15	22°♊36'45	25°13'33	
desc. node	-315 May 29 j 18:21	27°♊01'43		
retrograde	-315 Jun 07 j 05:45	29°♊45'33		
evening set	-315 Jun 12 j 16:36	28°♊36'37		
min. Earth dist.	-315 Jun 17 j 16:59	25°♊50'26	0.57770 AU	
inferior conj	-315 Jun 20 j 20:02	23°♊42'06	-4°37'41	
minimum elong	-315 Jun 20 j 17:34	23°♊46'21	4°37'31	
morning rise	-315 Jun 28 j 21:16	19°♊28'23		
direct	-315 Jul 01 j 10:34	19°♊08'50		
morning max el	-315 Jul 10 j 02:35	23°♊12'22	18°59'36	
	-315 Jul 15 j 17:04	0°♋		
asc. node	-315 Jul 16 j 20:54	1°♋45'20		
morning set	-315 Jul 26 j 19:34	19°♋50'58		
	-315 Jul 31 j 23:01	0°♌		
superior conj	-315 Aug 04 j 05:48	6°♌22'16	1°46'39	
minimum elong	-315 Aug 04 j 06:38	6°♌26'20	1°46'37	
max. Earth dist.	-315 Aug 10 j 23:38	18°♌54'43	1.38739 AU	
evening rise	-315 Aug 14 j 20:23	25°♌43'30		
	-315 Aug 17 j 08:32	0°♍		
desc. node	-315 Aug 25 j 17:43	13°♍31'50		
	-315 Sep 06 j 00:38	0°♎		
evening max el	-315 Sep 19 j 09:59	16°♎11'05	24°33'02	
retrograde	-315 Sep 30 j 19:12	22°♎50'23		
evening set	-315 Oct 06 j 07:20	20°♎31'00		
min. Earth dist.	-315 Oct 10 j 22:51	15°♎11'19	0.67376 AU	
inferior conj	-315 Oct 11 j 17:22	14°♎09'29	-0°23'06	
minimum elong	-315 Oct 11 j 17:56	14°♎07'35	0°22'52	
asc. node	-315 Oct 12 j 20:08	12°♎40'59		
morning rise	-315 Oct 17 j 04:35	8°♎05'48		
direct	-315 Oct 20 j 21:44	6°♎46'33		
morning max el	-315 Oct 28 j 15:52	11°♎14'43	20°12'14	
	-315 Nov 11 j 20:18	0°♏		
desc. node	-315 Nov 21 j 17:01	14°♏53'39		
morning set	-315 Nov 24 j 20:26	19°♏44'06		
	-315 Dec 01 j 10:11	0°♐		
max. Earth dist.	-315 Dec 05 j 12:29	6°♐30'36	1.43694 AU	
superior conj	-315 Dec 11 j 04:13	15°♐40'51	-1°46'30	
minimum elong	-315 Dec 10 j 21:51	15°♐14'45	1°46'03	
	-315 Dec 19 j 17:13	0°♑		
evening rise	-315 Dec 24 j 00:26	7°♑24'19		
	-314 Jan 06 j 16:46	0°♒		
asc. node	-314 Jan 08 j 19:26	2°♒46'44		
evening max el	-314 Jan 10 j 18:17	4°♒57'36	18°11'16	
retrograde	-314 Jan 17 j 06:19	8°♒24'46		
evening set	-314 Jan 20 j 02:29	7°♒43'40		
inferior conj	-314 Jan 26 j 07:57	2°♒28'28	3°50'34	
minimum elong	-314 Jan 26 j 07:15	2°♒30'20	3°50'32	
	-314 Jan 28 j 15:41	30°℞♑		
min. Earth dist.	-314 Jan 29 j 00:06	29°♑38'16	0.62843 AU	
morning rise	-314 Feb 01 j 11:04	26°♑29'36		
direct	-314 Feb 08 j 11:10	23°♑48'53		
desc. node	-314 Feb 17 j 16:10	27°♑33'37		
	-314 Feb 20 j 14:47	0°♒		
morning max el	-314 Feb 22 j 09:18	1°♒41'06	27°45'44	
	-314 Mar 15 j 06:12	0°♓		
morning set	-314 Mar 28 j 09:48	24°♓09'57		
	-314 Mar 31 j 06:06	0°♈		
max. Earth dist.	-314 Apr 02 j 21:38	5°♈35'01	1.32867 AU	
superior conj	-314 Apr 04 j 23:33	10°♈03'05	-0°18'55	
minimum elong	-314 Apr 05 j 00:27	10°♈07'56	0°18'43	
asc. node	-314 Apr 06 j 18:43	13°♈56'45		
evening rise	-314 Apr 12 j 00:15	25°♈12'00		
	-314 Apr 14 j 07:34	0°♉		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-314 May 02 j 17:30	0°♊	
evening max el	-314 May 05 j 19:49	3°♊16'06	23°41'59
desc. node	-314 May 16 j 15:21	9°♊48'59	
retrograde	-314 May 19 j 12:49	10°♊08'05	
evening set	-314 May 23 j 12:51	9°♊32'44	
min. Earth dist.	-314 May 30 j 06:35	6°♊23'20	0.56107 AU
inferior conj	-314 Jun 01 j 11:51	5°♊02'52	-3°55'26
minimum elong	-314 Jun 01 j 05:20	5°♊12'46	3°54'05
morning rise	-314 Jun 10 j 00:40	1°♊05'10	
direct	-314 Jun 12 j 16:13	0°♊47'29	
morning max el	-314 Jun 22 j 20:13	5°♊29'40	20°02'19
asc. node	-314 Jul 03 j 17:57	20°♊29'12	
	-314 Jul 08 j 19:02	0°♋	
morning set	-314 Jul 10 j 23:07	4°♋21'06	
superior conj	-314 Jul 18 j 18:16	20°♋12'46	1°45'57
minimum elong	-314 Jul 18 j 17:21	20°♋08'11	1°45'56
	-314 Jul 23 j 18:09	0°♌	
max. Earth dist.	-314 Jul 24 j 03:51	0°♌46'12	1.36814 AU
evening rise	-314 Jul 28 j 01:29	8°♌01'43	
	-314 Aug 10 j 02:43	0°♍	
desc. node	-314 Aug 12 j 14:42	3°♍49'31	
evening max el	-314 Sep 01 j 21:22	29°♍47'32	25°45'28
	-314 Sep 02 j 02:31	0°♎	
retrograde	-314 Sep 14 j 04:49	6°♎50'30	
evening set	-314 Sep 20 j 07:27	4°♎16'04	
	-314 Sep 24 j 06:06	30°℞♍	
min. Earth dist.	-314 Sep 24 j 14:58	29°♍32'09	0.66784 AU
inferior conj	-314 Sep 25 j 20:28	27°♍58'13	-1°18'54
minimum elong	-314 Sep 25 j 22:27	27°♍51'53	1°18'05
asc. node	-314 Sep 29 j 17:10	23°♍31'03	
morning rise	-314 Oct 01 j 13:42	22°♍03'05	
direct	-314 Oct 04 j 20:09	21°♍01'26	
morning max el	-314 Oct 11 j 21:37	25°♍00'38	19°12'44
	-314 Oct 16 j 03:25	0°♎	
morning set	-314 Nov 04 j 00:29	28°♎20'33	
	-314 Nov 05 j 01:58	0°♏	
desc. node	-314 Nov 08 j 14:03	5°♏28'30	
max. Earth dist.	-314 Nov 18 j 03:22	20°♏28'08	1.44714 AU
superior conj	-314 Nov 20 j 17:31	24°♏33'54	-1°14'11
minimum elong	-314 Nov 20 j 09:26	24°♏01'53	1°13'18
	-314 Nov 24 j 03:27	0°♐	
evening rise	-314 Dec 05 j 11:32	18°♐24'21	
	-314 Dec 12 j 12:24	0°♑	
evening max el	-314 Dec 25 j 06:27	18°♑19'42	18°32'02
asc. node	-314 Dec 26 j 16:27	19°♑39'20	
retrograde	-314 Dec 31 j 20:45	21°♑58'28	
evening set	-313 Jan 03 j 21:56	21°♑06'44	
inferior conj	-313 Jan 09 j 18:57	15°♑33'04	3°36'51
minimum elong	-313 Jan 09 j 16:50	15°♑39'17	3°36'32
min. Earth dist.	-313 Jan 11 j 19:51	13°♑09'21	0.64556 AU
morning rise	-313 Jan 15 j 11:14	9°♑27'03	
direct	-313 Jan 22 j 07:32	6°♑35'01	
desc. node	-313 Feb 04 j 13:14	14°♑09'18	
morning max el	-313 Feb 04 j 18:21	14°♑22'01	27°18'32
	-313 Feb 17 j 12:22	0°♒	
	-313 Mar 07 j 21:27	0°♓	
morning set	-313 Mar 12 j 02:22	7°♓59'53	
max. Earth dist.	-313 Mar 16 j 20:54	17°♓34'49	1.33731 AU
superior conj	-313 Mar 20 j 04:23	24°♓29'43	-0°45'40
minimum elong	-313 Mar 20 j 06:33	24°♓41'14	0°45'14
	-313 Mar 22 j 18:34	0°♈	
asc. node	-313 Mar 24 j 15:45	4°♈00'58	
evening rise	-313 Mar 27 j 11:12	9°♈57'38	
	-313 Apr 06 j 23:42	0°♉	

evening max el	-313 Apr 17 j 13:11	13°♉53'37	22°07'23
retrograde	-313 Apr 30 j 07:23	20°♉08'46	
evening set	-313 May 03 j 01:41	19°♉51'53	
desc. node	-313 May 03 j 12:23	19°♉46'07	
inferior conj	-313 May 12 j 11:21	15°♉45'07	-2°28'17
minimum elong	-313 May 12 j 04:59	15°♉54'06	2°26'15
min. Earth dist.	-313 May 11 j 19:27	16°♉07'30	0.55142 AU
morning rise	-313 May 21 j 09:44	11°♉50'00	
direct	-313 May 24 j 06:52	11°♉31'21	
morning max el	-313 Jun 05 j 02:37	17°♉03'48	21°24'37
	-313 Jun 15 j 03:48	0°♊	
asc. node	-313 Jun 20 j 15:00	9°♊44'03	
morning set	-313 Jun 25 j 07:22	19°♊06'45	
	-313 Jun 30 j 12:09	0°♋	
superior conj	-313 Jul 02 j 16:31	4°♋33'26	1°38'08
minimum elong	-313 Jul 02 j 14:30	4°♋22'57	1°37'59
max. Earth dist.	-313 Jul 06 j 15:21	12°♋38'02	1.35170 AU
evening rise	-313 Jul 11 j 00:55	21°♋14'20	
	-313 Jul 15 j 18:48	0°♌	
desc. node	-313 Jul 30 j 11:42	23°♌46'09	
	-313 Aug 03 j 22:56	0°♍	
evening max el	-313 Aug 15 j 09:16	13°♍21'59	26°42'56
retrograde	-313 Aug 28 j 09:12	20°♍37'21	
evening set	-313 Sep 04 j 01:04	17°♍53'20	
min. Earth dist.	-313 Sep 08 j 01:13	13°♍46'38	0.65852 AU
inferior conj	-313 Sep 09 j 18:44	11°♍43'17	-2°14'25
minimum elong	-313 Sep 09 j 22:06	11°♍33'17	2°13'09
morning rise	-313 Sep 15 j 19:35	5°♍59'50	
asc. node	-313 Sep 16 j 14:13	5°♍37'56	
direct	-313 Sep 18 j 17:41	5°♍12'08	
morning max el	-313 Sep 25 j 09:10	8°♍51'28	18°29'01
	-313 Oct 10 j 03:09	0°♎	
morning set	-313 Oct 15 j 05:43	8°♎14'14	
desc. node	-313 Oct 26 j 11:03	26°♎10'17	
	-313 Oct 28 j 21:12	0°♏	
superior conj	-313 Oct 30 j 17:55	2°♏56'08	-0°27'49
minimum elong	-313 Oct 30 j 14:15	2°♏41'42	0°27'21
max. Earth dist.	-313 Oct 31 j 21:43	4°♏45'29	1.45023 AU
evening rise	-313 Nov 15 j 22:41	28°♏24'50	
	-313 Nov 16 j 22:47	0°♐	
greatest brilliancy	-313 Nov 25 j 13:47	13°♐35'01	-0.8m
	-313 Dec 07 j 01:35	0°♑	
evening max el	-313 Dec 08 j 16:06	1°♑46'15	19°10'19
asc. node	-313 Dec 13 j 13:29	5°♑21'57	
retrograde	-313 Dec 15 j 16:06	5°♑46'32	
evening set	-313 Dec 18 j 23:40	4°♑42'38	
	-313 Dec 23 j 17:19	30°℞♐	
inferior conj	-313 Dec 24 j 14:41	28°♐52'45	3°10'03
minimum elong	-313 Dec 24 j 11:56	29°♐01'30	3°09'24
min. Earth dist.	-313 Dec 26 j 00:39	27°♐05'00	0.65888 AU
morning rise	-313 Dec 29 j 23:56	22°♐42'20	
direct	-312 Jan 05 j 10:03	19°♐53'22	
morning max el	-312 Jan 18 j 03:50	27°♐23'29	26°22'24
	-312 Jan 20 j 15:07	0°♑	
desc. node	-312 Jan 22 j 10:17	2°♑02'42	
	-312 Feb 11 j 04:26	0°♒	
morning set	-312 Feb 23 j 06:43	21°♒08'58	
max. Earth dist.	-312 Feb 27 j 09:00	29°♒00'59	1.35049 AU
	-312 Feb 27 j 20:59	0°♓	
superior conj	-312 Mar 03 j 02:48	8°♓32'36	-1°11'28
minimum elong	-312 Mar 03 j 06:05	8°♓49'24	1°10'55
evening rise	-312 Mar 10 j 19:30	24°♓30'03	
asc. node	-312 Mar 10 j 12:48	23°♓55'34	
	-312 Mar 13 j 12:28	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-312 Mar 29 j 15:23	24°♈56'05	20°42'17
	-312 Apr 07 j 00:39	0°♉	
retrograde	-312 Apr 09 j 20:16	0°♉20'04	
evening set	-312 Apr 12 j 00:45	0°♉08'34	
	-312 Apr 12 j 17:56	30°℞♈	
desc. node	-312 Apr 19 j 09:26	27°♈13'45	
inferior conj	-312 Apr 21 j 05:46	26°♈11'03	-0°31'46
minimum elong	-312 Apr 21 j 04:16	26°♈13'12	0°31'13
min. Earth dist.	-312 Apr 22 j 08:42	25°♈32'28	0.55099 AU
morning rise	-312 Apr 30 j 06:58	22°♈00'27	
direct	-312 May 03 j 17:57	21°♈34'36	
morning max el	-312 May 16 j 23:07	27°♈58'20	23°01'20
	-312 May 18 j 23:37	0°♉	
asc. node	-312 Jun 06 j 12:04	29°♉21'58	
	-312 Jun 06 j 19:32	0°♊	
morning set	-312 Jun 08 j 18:24	4°♊02'26	
superior conj	-312 Jun 15 j 21:28	19°♊15'01	1°24'46
minimum elong	-312 Jun 15 j 18:59	19°♊01'46	1°24'28
max. Earth dist.	-312 Jun 18 j 12:39	24°♊49'15	1.33896 AU
	-312 Jun 21 j 00:42	0°♋	
evening rise	-312 Jun 23 j 14:00	5°♋08'13	
	-312 Jul 07 j 11:07	0°♌	
desc. node	-312 Jul 16 j 08:43	13°♌12'50	
evening max el	-312 Jul 27 j 21:03	26°♌44'39	27°17'50
	-312 Jul 31 j 15:30	0°♍	
retrograde	-312 Aug 10 j 07:54	4°♍03'55	
evening set	-312 Aug 17 j 09:35	1°♍19'05	
	-312 Aug 18 j 22:42	30°℞♌	
min. Earth dist.	-312 Aug 21 j 03:17	27°♌48'47	0.64559 AU
inferior conj	-312 Aug 23 j 09:53	25°♌20'30	-3°07'15
minimum elong	-312 Aug 23 j 14:18	25°♌08'29	3°05'52
morning rise	-312 Aug 29 j 19:47	19°♌52'13	
direct	-312 Sep 01 j 12:00	19°♌14'59	
asc. node	-312 Sep 02 j 11:16	19°♌19'55	
morning max el	-312 Sep 08 j 00:08	22°♌42'59	18°02'15
	-312 Sep 13 j 17:18	0°♍	
morning set	-312 Sep 25 j 15:18	19°♍30'57	
	-312 Oct 01 j 21:37	0°♎	
superior conj	-312 Oct 09 j 03:32	11°♎49'55	0°20'55
minimum elong	-312 Oct 09 j 05:59	11°♎59'44	0°20'36
desc. node	-312 Oct 12 j 08:03	16°♎56'03	
max. Earth dist.	-312 Oct 13 j 16:24	19°♎04'28	1.44594 AU
	-312 Oct 20 j 15:24	0°♏	
evening rise	-312 Oct 25 j 13:17	7°♏36'46	
greatest brilliancy	-312 Nov 08 j 11:54	28°♏48'44	-0.6m
	-312 Nov 09 j 07:14	0°♐	
evening max el	-312 Nov 20 j 21:14	15°♐14'07	20°04'16
retrograde	-312 Nov 28 j 13:36	19°♐44'20	
asc. node	-312 Nov 29 j 10:33	19°♐40'00	
evening set	-312 Dec 02 j 05:17	18°♐26'28	
inferior conj	-312 Dec 07 j 16:22	12°♐23'16	2°33'40
minimum elong	-312 Dec 07 j 13:37	12°♐32'29	2°32'48
min. Earth dist.	-312 Dec 08 j 12:53	11°♐14'40	0.66828 AU
morning rise	-312 Dec 12 j 21:45	6°♐10'18	
direct	-312 Dec 18 j 18:01	3°♐35'07	
morning max el	-312 Dec 30 j 12:35	10°♐35'20	25°06'08
desc. node	-311 Jan 08 j 07:19	20°♐50'55	
	-311 Jan 14 j 23:53	0°♑	
	-311 Feb 02 j 20:12	0°♒	
morning set	-311 Feb 04 j 17:48	3°♒22'05	
max. Earth dist.	-311 Feb 08 j 10:18	10°♒05'51	1.36799 AU
superior conj	-311 Feb 14 j 15:51	22°♒02'35	-1°34'30
minimum elong	-311 Feb 14 j 19:39	22°♒21'23	1°34'03
	-311 Feb 18 j 15:32	0°♓	
evening rise	-311 Feb 22 j 22:55	8°♓41'51	
asc. node	-311 Feb 25 j 09:52	13°♓35'09	
	-311 Mar 06 j 18:31	0°♈	
evening max el	-311 Mar 12 j 04:42	6°♈35'07	19°33'55
retrograde	-311 Mar 21 j 16:37	11°♈08'35	
evening set	-311 Mar 23 j 20:22	10°♈55'31	
inferior conj	-311 Apr 01 j 09:31	6°♈50'39	1°21'04
minimum elong	-311 Apr 01 j 12:44	6°♈45'30	1°20'00
min. Earth dist.	-311 Apr 03 j 23:04	5°♈12'42	0.55992 AU
desc. node	-311 Apr 06 j 06:30	3°♈51'22	
morning rise	-311 Apr 10 j 02:32	2°♈09'27	
direct	-311 Apr 14 j 13:02	1°♈25'11	
morning max el	-311 Apr 28 j 14:19	8°♈30'04	24°41'59
	-311 May 14 j 10:28	0°♉	
morning set	-311 May 24 j 06:24	19°♉01'16	
asc. node	-311 May 24 j 09:07	19°♉15'36	
	-311 May 29 j 08:54	0°♊	
superior conj	-311 May 31 j 06:35	4°♊08'30	1°07'03
minimum elong	-311 May 31 j 04:11	3°♊55'29	1°06'38
max. Earth dist.	-311 Jun 01 j 18:18	7°♊21'58	1.33007 AU
evening rise	-311 Jun 07 j 12:41	19°♊30'23	
	-311 Jun 12 j 20:59	0°♋	
	-311 Jul 01 j 17:06	0°♌	
desc. node	-311 Jul 03 j 05:46	1°♌56'06	
evening max el	-311 Jul 10 j 06:35	9°♌41'28	27°23'59
retrograde	-311 Jul 24 j 00:30	17°♌00'31	
evening set	-311 Jul 31 j 05:32	14°♌26'56	
min. Earth dist.	-311 Aug 03 j 19:25	11°♌27'29	0.62901 AU
inferior conj	-311 Aug 06 j 15:06	8°♌42'52	-3°53'57
minimum elong	-311 Aug 06 j 19:46	8°♌31'29	3°52'52
morning rise	-311 Aug 13 j 11:12	3°♌33'08	
direct	-311 Aug 15 j 23:53	3°♌03'28	
asc. node	-311 Aug 20 j 08:19	4°♌32'55	
morning max el	-311 Aug 22 j 15:45	6°♌28'39	17°53'22
	-311 Sep 06 j 22:24	0°♍	
morning set	-311 Sep 08 j 00:20	1°♍54'52	
superior conj	-311 Sep 19 j 14:01	21°♍58'35	1°01'05
minimum elong	-311 Sep 19 j 19:02	22°♍19'40	1°00'29
	-311 Sep 24 j 10:16	0°♎	
max. Earth dist.	-311 Sep 26 j 07:55	3°♎05'24	1.43481 AU
desc. node	-311 Sep 29 j 05:05	7°♎42'43	
evening rise	-311 Oct 04 j 20:01	16°♎32'38	
	-311 Oct 13 j 15:57	0°♏	
evening max el	-311 Nov 03 j 20:40	28°♏42'18	21°11'17
	-311 Nov 05 j 04:28	0°♐	
retrograde	-311 Nov 12 j 11:01	3°♐48'44	
asc. node	-311 Nov 16 j 07:35	2°♐24'55	
evening set	-311 Nov 16 j 12:48	2°♐15'05	
	-311 Nov 18 j 20:19	30°℞♏	
inferior conj	-311 Nov 21 j 21:41	26°♏01'56	1°50'08
minimum elong	-311 Nov 21 j 19:25	26°♏09'42	1°49'18
min. Earth dist.	-311 Nov 22 j 06:21	25°♏32'06	0.67402 AU
morning rise	-311 Nov 27 j 01:53	19°♏48'23	
direct	-311 Dec 02 j 06:57	17°♏33'06	
morning max el	-311 Dec 12 j 21:25	23°♏52'14	23°39'43
	-311 Dec 18 j 08:12	0°♐	
desc. node	-311 Dec 26 j 04:22	10°♐18'13	
	-310 Jan 08 j 10:21	0°♑	
morning set	-310 Jan 17 j 05:27	14°♑23'09	
max. Earth dist.	-310 Jan 21 j 05:38	21°♑19'08	1.38848 AU
	-310 Jan 26 j 01:22	0°♒	
superior conj	-310 Jan 28 j 15:41	4°♒49'41	-1°52'14
minimum elong	-310 Jan 28 j 18:54	5°♒04'47	1°52'02
evening rise	-310 Feb 06 j 18:54	22°♒26'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-310 Feb 10 j 17:26	0°♓	
asc. node	-310 Feb 12 j 06:56	2°♓54'03	
evening max el	-310 Feb 23 j 04:11	18°♓50'53	18°45'12
retrograde	-310 Mar 03 j 05:47	22°♓45'45	
evening set	-310 Mar 05 j 14:02	22°♓27'11	
inferior conj	-310 Mar 13 j 08:17	18°♓05'29	2°44'24
minimum elong	-310 Mar 13 j 12:38	17°♓57'23	2°43'20
min. Earth dist.	-310 Mar 16 j 16:00	15°♓38'26	0.57619 AU
morning rise	-310 Mar 21 j 08:18	12°♓51'57	
desc. node	-310 Mar 24 j 03:33	11°♓54'42	
direct	-310 Mar 26 j 22:02	11°♓35'38	
morning max el	-310 Apr 10 j 06:13	19°♓06'44	26°11'36
	-310 Apr 19 j 10:42	0°♈	
	-310 May 06 j 19:53	0°♉	
morning set	-310 May 08 j 17:44	3°♉57'44	
asc. node	-310 May 11 j 06:11	9°♉19'49	
superior conj	-310 May 15 j 17:52	19°♉07'23	0°45'52
minimum elong	-310 May 15 j 16:01	18°♉57'10	0°45'30
max. Earth dist.	-310 May 16 j 05:16	20°♉09'50	1.32494 AU
	-310 May 20 j 18:10	0°♊	
evening rise	-310 May 22 j 17:55	4°♊11'30	
	-310 Jun 05 j 15:01	0°♋	
desc. node	-310 Jun 20 j 02:49	19°♋37'51	
evening max el	-310 Jun 22 j 11:26	22°♋00'34	26°57'33
retrograde	-310 Jul 06 j 10:13	29°♋17'40	
evening set	-310 Jul 13 j 08:37	27°♋09'34	
min. Earth dist.	-310 Jul 17 j 01:22	24°♋28'41	0.60953 AU
inferior conj	-310 Jul 20 j 07:03	21°♋42'22	-4°28'55
minimum elong	-310 Jul 20 j 10:29	21°♋34'57	4°28'28
morning rise	-310 Jul 27 j 14:08	16°♋53'52	
direct	-310 Jul 30 j 01:34	16°♋29'24	
morning max el	-310 Aug 06 j 05:00	20°♋00'55	18°03'15
asc. node	-310 Aug 07 j 05:23	21°♋03'35	
	-310 Aug 13 j 15:15	0°♌	
morning set	-310 Aug 22 j 02:48	15°♌08'46	
	-310 Aug 30 j 05:06	0°♍	
superior conj	-310 Sep 01 j 03:34	3°♍27'07	1°28'20
minimum elong	-310 Sep 01 j 07:46	3°♍45'45	1°27'56
max. Earth dist.	-310 Sep 08 j 17:45	16°♍30'19	1.41841 AU
evening rise	-310 Sep 14 j 12:55	25°♍58'41	
desc. node	-310 Sep 16 j 02:07	28°♍26'37	
	-310 Sep 17 j 01:47	0°♎	
	-310 Oct 07 j 12:21	0°♏	
evening max el	-310 Oct 17 j 14:25	12°♏11'09	22°27'37
retrograde	-310 Oct 27 j 06:33	17°♏56'14	
evening set	-310 Oct 31 j 20:25	16°♏05'16	
asc. node	-310 Nov 03 j 04:38	13°♏42'58	
inferior conj	-310 Nov 06 j 04:39	9°♏45'53	1°01'13
minimum elong	-310 Nov 06 j 03:16	9°♏50'40	1°00'40
min. Earth dist.	-310 Nov 06 j 02:35	9°♏53'00	0.67642 AU
morning rise	-310 Nov 11 j 09:58	3°♏34'01	
direct	-310 Nov 16 j 00:05	1°♏41'03	
morning max el	-310 Nov 25 j 09:04	7°♏13'43	22°12'42
	-310 Dec 12 j 21:49	0°♐	
desc. node	-310 Dec 13 j 01:23	0°♐13'02	
morning set	-310 Dec 28 j 12:17	23°♐59'23	
	-309 Jan 01 j 04:24	0°♑	
max. Earth dist.	-309 Jan 03 j 02:36	3°♑12'49	1.40958 AU
superior conj	-309 Jan 10 j 21:23	16°♑41'10	-2°01'08
minimum elong	-309 Jan 10 j 22:09	16°♑44'35	2°01'07
	-309 Jan 18 j 04:30	0°♒	
evening rise	-309 Jan 21 j 04:07	5°♒34'12	
asc. node	-309 Jan 30 j 03:58	21°♒44'43	
	-309 Feb 04 j 23:09	0°♓	

evening max el	-309 Feb 06 j 11:02	1°♓35'32	18°16'36
retrograde	-309 Feb 13 j 13:23	5°♓07'48	
evening set	-309 Feb 16 j 02:41	4°♓41'20	
inferior conj	-309 Feb 23 j 03:56	29°♒58'58	3°32'23
minimum elong	-309 Feb 23 j 06:41	29°♒53'00	3°32'01
	-309 Feb 23 j 03:28	30°℞♒	
min. Earth dist.	-309 Feb 26 j 13:27	27°♒03'50	0.59647 AU
morning rise	-309 Mar 02 j 08:29	24°♒21'38	
direct	-309 Mar 08 j 19:58	22°♒26'58	
desc. node	-309 Mar 11 j 00:35	22°♒39'40	
	-309 Mar 22 j 22:14	0°♓	
morning max el	-309 Mar 23 j 03:00	0°♓11'38	27°15'50
	-309 Apr 13 j 09:35	0°♈	
morning set	-309 Apr 23 j 02:41	18°♈45'45	
asc. node	-309 Apr 28 j 03:15	29°♈29'56	
	-309 Apr 28 j 08:46	0°♉	
superior conj	-309 Apr 30 j 05:36	4°♉05'31	0°22'04
minimum elong	-309 Apr 30 j 04:38	4°♉00'10	0°21'51
max. Earth dist.	-309 Apr 29 j 18:02	3°♉02'02	1.32345 AU
evening rise	-309 May 07 j 03:17	19°♉03'27	
	-309 May 12 j 12:59	0°♊	
	-309 May 31 j 23:05	0°♋	
evening max el	-309 Jun 04 j 09:56	3°♋35'59	25°59'13
desc. node	-309 Jun 06 j 23:50	5°♋52'49	
retrograde	-309 Jun 18 j 11:17	10°♋48'57	
evening set	-309 Jun 24 j 14:28	9°♋17'44	
min. Earth dist.	-309 Jun 28 j 22:37	6°♋38'16	0.58893 AU
inferior conj	-309 Jul 02 j 06:14	4°♋10'16	-4°43'22
minimum elong	-309 Jul 02 j 06:24	4°♋09'56	4°43'22
	-309 Jul 09 j 04:23	30°℞♊	
morning rise	-309 Jul 10 j 00:41	29°♊43'58	
direct	-309 Jul 12 j 12:52	29°♊22'57	
	-309 Jul 15 j 18:27	0°♋	
morning max el	-309 Jul 20 j 12:50	3°♋11'35	18°33'02
asc. node	-309 Jul 25 j 02:26	8°♋36'57	
morning set	-309 Aug 05 j 17:50	29°♋00'11	
	-309 Aug 06 j 06:14	0°♌	
superior conj	-309 Aug 14 j 15:42	16°♌03'18	1°43'02
minimum elong	-309 Aug 14 j 17:47	16°♌13'03	1°42'56
max. Earth dist.	-309 Aug 21 j 22:35	29°♌13'04	1.39897 AU
	-309 Aug 22 j 09:21	0°♍	
evening rise	-309 Aug 26 j 04:32	6°♍29'10	
desc. node	-309 Sep 02 j 23:09	19°♍04'25	
	-309 Sep 10 j 04:12	0°♎	
evening max el	-309 Sep 30 j 04:08	25°♎43'16	23°47'50
	-309 Oct 05 j 05:34	0°♏	
retrograde	-309 Oct 10 j 22:49	2°♏04'16	
evening set	-309 Oct 16 j 02:30	29°♎55'16	
	-309 Oct 16 j 00:15	30°℞♎	
inferior conj	-309 Oct 21 j 11:29	23°♎33'34	0°08'30
minimum elong	-309 Oct 21 j 11:17	23°♎34'16	0°08'24
transit middle	-309 Oct 21 j 11:17	23°♎34'16	0°08'24
transit begin	-309 Oct 21 j 08:57	23°♎42'11	
transit end	-309 Oct 21 j 13:36	23°♎26'20	
min. Earth dist.	-309 Oct 20 j 23:06	24°♎15'44	0.67566 AU
asc. node	-309 Oct 21 j 01:39	24°♎07'04	
morning rise	-309 Oct 26 j 20:00	17°♎26'00	
direct	-309 Oct 30 j 20:23	15°♎54'54	
morning max el	-309 Nov 08 j 02:55	20°♎44'02	20°52'49
	-309 Nov 15 j 19:04	0°♏	
desc. node	-309 Nov 29 j 22:25	20°♏27'53	
	-309 Dec 06 j 03:54	0°♐	
morning set	-309 Dec 07 j 17:05	2°♐24'35	
max. Earth dist.	-309 Dec 16 j 07:00	16°♐03'41	1.42835 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-309 Dec 23 j 03:35	27°♐25'03	-1°56'45
minimum elong	-309 Dec 22 j 23:56	27°♐09'38	1°56'36
	-309 Dec 24 j 16:08	0°♑	
evening rise	-308 Jan 03 j 22:48	17°♑58'50	
	-308 Jan 10 j 18:09	0°♒	
asc. node	-308 Jan 17 j 00:59	9°♒58'35	
evening max el	-308 Jan 20 j 22:13	14°♒40'31	18°07'41
retrograde	-308 Jan 27 j 12:28	18°♒05'27	
evening set	-308 Jan 30 j 06:16	17°♒29'48	
inferior conj	-308 Feb 05 j 17:57	12°♒26'10	3°50'33
minimum elong	-308 Feb 05 j 18:24	12°♒25'03	3°50'32
min. Earth dist.	-308 Feb 08 j 18:02	9°♒28'04	0.61733 AU
morning rise	-308 Feb 12 j 05:15	6°♒33'37	
direct	-308 Feb 19 j 03:53	4°♒06'15	
desc. node	-308 Feb 25 j 21:37	6°♒07'23	
morning max el	-308 Mar 04 j 05:55	11°♒56'39	27°45'27
	-308 Mar 18 j 12:45	0°♓	
	-308 Apr 04 j 16:05	0°♈	
morning set	-308 Apr 06 j 07:16	3°♈18'02	
max. Earth dist.	-308 Apr 12 j 04:48	15°♈44'56	1.32569 AU
superior conj	-308 Apr 13 j 16:04	18°♈56'25	-0°03'38
minimum elong	-308 Apr 13 j 16:14	18°♈57'19	0°03'35
behind sun begin	-308 Apr 13 j 11:15	18°♈30'07	
behind sun end	-308 Apr 13 j 21:14	19°♈24'32	
asc. node	-308 Apr 14 j 00:17	19°♈41'09	
	-308 Apr 18 j 18:04	0°♉	
evening rise	-308 Apr 20 j 14:44	3°♉58'30	
	-308 May 04 j 14:57	0°♊	
evening max el	-308 May 16 j 02:22	14°♊30'50	24°36'00
desc. node	-308 May 23 j 20:51	20°♊06'45	
retrograde	-308 May 30 j 00:57	21°♊33'40	
evening set	-308 Jun 03 j 21:22	20°♊40'39	
min. Earth dist.	-308 Jun 09 j 13:51	17°♊46'08	0.56998 AU
inferior conj	-308 Jun 12 j 09:37	15°♊56'44	-4°25'16
minimum elong	-308 Jun 12 j 05:10	16°♊03'58	4°24'42
morning rise	-308 Jun 20 j 15:46	11°♊50'38	
direct	-308 Jun 23 j 06:01	11°♊31'56	
morning max el	-308 Jul 02 j 12:13	15°♊50'17	19°23'44
asc. node	-308 Jul 10 j 23:29	26°♊58'25	
	-308 Jul 12 j 17:59	0°♋	
morning set	-308 Jul 19 j 17:39	13°♋18'25	
superior conj	-308 Jul 27 j 20:42	29°♋30'28	1°47'20
minimum elong	-308 Jul 27 j 20:44	29°♋30'35	1°47'20
	-308 Jul 28 j 02:45	0°♌	
max. Earth dist.	-308 Aug 03 j 01:48	11°♌19'03	1.37898 AU
evening rise	-308 Aug 06 j 20:51	18°♌09'48	
	-308 Aug 13 j 19:56	0°♍	
desc. node	-308 Aug 19 j 20:10	9°♍30'57	
	-308 Sep 03 j 10:47	0°♎	
evening max el	-308 Sep 11 j 15:51	9°♎18'33	25°05'14
retrograde	-308 Sep 23 j 10:53	16°♎08'26	
evening set	-308 Sep 29 j 05:18	13°♎42'18	
min. Earth dist.	-308 Oct 03 j 17:25	8°♎37'40	0.67168 AU
inferior conj	-308 Oct 04 j 16:27	7°♎22'09	-0°46'39
minimum elong	-308 Oct 04 j 17:36	7°♎18'20	0°46'10
asc. node	-308 Oct 06 j 22:40	4°♎30'45	
morning rise	-308 Oct 10 j 06:00	1°♎21'46	
direct	-308 Oct 13 j 18:26	0°♎10'16	
morning max el	-308 Oct 21 j 04:27	4°♎24'29	19°45'07
	-308 Nov 08 j 16:38	0°♏	
morning set	-308 Nov 15 j 14:10	10°♏36'19	
desc. node	-308 Nov 15 j 19:27	10°♏56'46	
	-308 Nov 27 j 23:19	0°♐	
max. Earth dist.	-308 Nov 27 j 19:12	29°♏43'38	1.44213 AU
superior conj	-308 Dec 02 j 06:52	6°♐54'46	-1°34'59
minimum elong	-308 Dec 01 j 23:06	6°♐23'23	1°34'18
evening rise	-308 Dec 15 j 22:38	29°♐32'09	
	-308 Dec 16 j 05:12	0°♑	
asc. node	-307 Jan 02 j 21:59	27°♑24'56	
evening max el	-307 Jan 03 j 10:46	27°♑58'18	18°17'51
	-307 Jan 05 j 19:22	0°♒	
retrograde	-307 Jan 09 j 22:40	1°♒28'58	
evening set	-307 Jan 12 j 20:56	0°♒43'21	
	-307 Jan 14 j 01:33	30°℞♑	
inferior conj	-307 Jan 18 j 22:25	25°♑19'46	3°46'38
minimum elong	-307 Jan 18 j 21:01	25°♑23'40	3°46'30
min. Earth dist.	-307 Jan 21 j 08:03	22°♑39'36	0.63617 AU
morning rise	-307 Jan 24 j 20:28	19°♑17'36	
direct	-307 Jan 31 j 19:51	16°♑30'34	
desc. node	-307 Feb 11 j 18:39	21°♑45'17	
morning max el	-307 Feb 14 j 13:40	24°♑20'52	27°38'15
	-307 Feb 19 j 16:53	0°♒	
	-307 Mar 11 j 21:11	0°♓	
morning set	-307 Mar 21 j 05:08	17°♓26'54	
max. Earth dist.	-307 Mar 26 j 09:41	28°♓05'31	1.33189 AU
	-307 Mar 27 j 07:21	0°♈	
superior conj	-307 Mar 28 j 23:33	3°♈34'14	-0°30'17
minimum elong	-307 Mar 29 j 01:00	3°♈41'59	0°29'57
asc. node	-307 Mar 31 j 21:20	9°♈49'35	
evening rise	-307 Apr 05 j 02:26	18°♈50'10	
	-307 Apr 10 j 14:50	0°♉	
evening max el	-307 Apr 27 j 17:12	25°♉05'43	23°01'09
	-307 May 04 j 07:40	0°♊	
desc. node	-307 May 10 j 17:51	1°♊44'05	
retrograde	-307 May 11 j 02:06	1°♊44'21	
evening set	-307 May 14 j 12:22	1°♊18'36	
	-307 May 18 j 04:24	30°℞♉	
min. Earth dist.	-307 May 22 j 02:32	27°♉56'08	0.55602 AU
inferior conj	-307 May 23 j 17:35	26°♉59'31	-3°23'37
minimum elong	-307 May 23 j 10:25	27°♉09'57	3°21'45
morning rise	-307 Jun 01 j 10:59	23°♉05'20	
direct	-307 Jun 04 j 04:29	22°♉47'39	
morning max el	-307 Jun 15 j 01:04	27°♉49'30	20°35'09
	-307 Jun 17 j 04:32	0°♊	
asc. node	-307 Jun 27 j 20:34	15°♊56'41	
morning set	-307 Jul 03 j 23:29	27°♊56'05	
	-307 Jul 04 j 23:37	0°♋	
superior conj	-307 Jul 11 j 13:48	13°♋35'12	1°43'24
minimum elong	-307 Jul 11 j 12:20	13°♋27'44	1°43'20
max. Earth dist.	-307 Jul 16 j 08:45	23°♋08'16	1.36075 AU
	-307 Jul 19 j 23:06	0°♌	
evening rise	-307 Jul 20 j 10:22	0°♌52'25	
desc. node	-307 Aug 06 j 17:11	29°♌40'34	
	-307 Aug 06 j 22:25	0°♍	
evening max el	-307 Aug 25 j 03:19	22°♍54'26	26°12'09
	-307 Sep 05 j 17:46	0°♎	
retrograde	-307 Sep 06 j 18:12	0°♎03'40	
	-307 Sep 07 j 18:09	30°℞♍	
evening set	-307 Sep 13 j 02:56	27°♍24'01	
min. Earth dist.	-307 Sep 17 j 07:10	22°♍56'11	0.66433 AU
inferior conj	-307 Sep 18 j 17:43	21°♍09'11	-1°42'38
minimum elong	-307 Sep 18 j 20:19	21°♍01'09	1°41'35
asc. node	-307 Sep 23 j 19:44	15°♍48'59	
morning rise	-307 Sep 24 j 14:02	15°♍18'55	
direct	-307 Sep 27 j 16:39	14°♍23'40	
morning max el	-307 Oct 04 j 13:00	18°♍13'01	18°52'12
	-307 Oct 13 j 12:28	0°♎	
morning set	-307 Oct 26 j 03:36	19°♎42'15	
	-307 Nov 01 j 16:20	0°♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-307 Nov 02 j 16:29	1°♏34'56		
max. Earth dist.	-307 Nov 10 j 12:14	13°♏52'46	1.44930 AU	
superior conj	-307 Nov 11 j 12:13	15°♏27'07	-0°55'38	
minimum elong	-307 Nov 11 j 05:20	15°♏00'05	0°54'49	
	-307 Nov 20 j 16:33	0°♐		
evening rise	-307 Nov 26 j 23:39	10°♐06'51		
	-307 Dec 09 j 09:56	0°♑		
evening max el	-307 Dec 17 j 22:04	11°♑22'24	18°46'15	
asc. node	-307 Dec 20 j 19:01	13°♑49'42		
retrograde	-307 Dec 24 j 15:44	15°♑09'36		
evening set	-307 Dec 27 j 19:24	14°♑12'53		
inferior conj	-306 Jan 02 j 13:33	8°♑31'45	3°26'52	
minimum elong	-306 Jan 02 j 11:05	8°♑39'17	3°26'24	
min. Earth dist.	-306 Jan 04 j 07:53	6°♑22'43	0.65162 AU	
morning rise	-306 Jan 08 j 02:23	2°♑23'23		
	-306 Jan 12 j 00:05	30°℞♐		
direct	-306 Jan 14 j 18:45	29°♐31'21		
	-306 Jan 17 j 17:09	0°♑		
morning max el	-306 Jan 27 j 23:27	7°♑13'06	26°57'51	
desc. node	-306 Jan 29 j 15:41	8°♑57'26		
	-306 Feb 14 j 15:20	0°♒		
	-306 Mar 04 j 04:15	0°♓		
morning set	-306 Mar 04 j 17:05	1°♓01'27		
max. Earth dist.	-306 Mar 09 j 04:44	9°♓52'20	1.34239 AU	
superior conj	-306 Mar 13 j 01:57	17°♓51'41	-0°56'48	
minimum elong	-306 Mar 13 j 04:38	18°♓05'43	0°56'18	
asc. node	-306 Mar 18 j 18:22	29°♓50'22		
	-306 Mar 18 j 20:12	0°♈		
evening rise	-306 Mar 20 j 12:31	3°♈31'09		
	-306 Apr 04 j 11:33	0°♉		
evening max el	-306 Apr 09 j 13:34	5°♉50'42	21°29'20	
retrograde	-306 Apr 21 j 17:28	11°♉45'46		
evening set	-306 Apr 24 j 03:40	11°♉32'23		
desc. node	-306 Apr 27 j 14:53	10°♉31'04		
inferior conj	-306 May 03 j 13:10	7°♉31'13	-1°40'38	
minimum elong	-306 May 03 j 08:30	7°♉37'46	1°39'01	
min. Earth dist.	-306 May 03 j 15:27	7°♉28'00	0.55007 AU	
morning rise	-306 May 12 j 13:56	3°♉31'56		
direct	-306 May 15 j 15:25	3°♉11'28		
morning max el	-306 May 28 j 03:05	9°♉06'15	22°04'32	
	-306 Jun 11 j 22:14	0°♊		
asc. node	-306 Jun 14 j 17:38	5°♊22'14		
morning set	-306 Jun 18 j 09:08	12°♊46'46		
superior conj	-306 Jun 25 j 15:17	28°♊06'10	1°33'04	
minimum elong	-306 Jun 25 j 12:59	27°♊54'08	1°32'51	
	-306 Jun 26 j 13:00	0°♋		
max. Earth dist.	-306 Jun 29 j 00:08	5°♋05'52	1.34577 AU	
evening rise	-306 Jul 03 j 16:09	14°♋24'09		
	-306 Jul 12 j 04:48	0°♌		
desc. node	-306 Jul 24 j 14:12	19°♌25'58		
	-306 Aug 01 j 16:33	0°♍		
evening max el	-306 Aug 07 j 15:06	6°♍24'39	27°00'55	
retrograde	-306 Aug 20 j 20:27	13°♍43'20		
evening set	-306 Aug 27 j 17:05	10°♍57'22		
min. Earth dist.	-306 Aug 31 j 14:10	7°♍06'40	0.65341 AU	
inferior conj	-306 Sep 02 j 13:16	4°♍51'37	-2°37'24	
minimum elong	-306 Sep 02 j 17:09	4°♍40'30	2°36'01	
	-306 Sep 07 j 11:47	30°℞♌		
morning rise	-306 Sep 08 j 17:51	29°♌14'27		
asc. node	-306 Sep 10 j 16:49	28°♌35'40		
direct	-306 Sep 11 j 13:02	28°♌31'47		
	-306 Sep 15 j 15:45	0°♍		
morning max el	-306 Sep 18 j 02:26	2°♍05'28	18°15'34	
morning set	-306 Oct 06 j 21:11	0°♎12'22		
	-306 Oct 06 j 18:10	0°♎		
desc. node	-306 Oct 20 j 13:30	22°♎19'07		
superior conj	-306 Oct 21 j 13:56	23°♎55'58	-0°06'42	
minimum elong	-306 Oct 21 j 13:04	23°♎52'32	0°06'34	
behind sun begin	-306 Oct 21 j 02:52	23°♎12'08		
behind sun end	-306 Oct 21 j 23:16	24°♎32'55		
max. Earth dist.	-306 Oct 24 j 06:46	28°♎11'57	1.44918 AU	
	-306 Oct 25 j 10:14	0°♏		
evening rise	-306 Nov 07 j 01:09	19°♏44'11		
	-306 Nov 13 j 15:23	0°♐		
greatest brilliancy	-306 Nov 18 j 20:20	8°♐00'36	-0.7m	
evening max el	-306 Dec 01 j 05:58	24°♐49'41	19°31'30	
asc. node	-306 Dec 07 j 16:04	28°♐58'11		
retrograde	-306 Dec 08 j 12:23	29°♐02'13		
evening set	-306 Dec 11 j 23:03	27°♐52'48		
inferior conj	-306 Dec 17 j 12:10	21°♐56'54	2°55'39	
minimum elong	-306 Dec 17 j 09:20	22°♐06'06	2°54'53	
min. Earth dist.	-306 Dec 18 j 16:16	20°♐25'25	0.66327 AU	
morning rise	-306 Dec 22 j 19:23	15°♐44'54		
direct	-306 Dec 28 j 23:52	13°♐00'34		
morning max el	-305 Jan 10 j 08:46	20°♐20'32	25°51'51	
desc. node	-305 Jan 16 j 12:45	27°♐16'37		
	-305 Jan 18 j 16:45	0°♑		
	-305 Feb 07 j 18:37	0°♒		
morning set	-305 Feb 15 j 14:49	13°♒49'04		
max. Earth dist.	-305 Feb 19 j 11:41	21°♒05'37	1.35743 AU	
	-305 Feb 24 j 00:34	0°♓		
superior conj	-305 Feb 24 j 20:48	1°♓41'42	-1°21'42	
minimum elong	-305 Feb 25 j 00:24	1°♓59'52	1°21'11	
evening rise	-305 Mar 04 j 19:01	17°♓55'29		
asc. node	-305 Mar 05 j 15:25	19°♓39'08		
	-305 Mar 10 j 22:49	0°♈		
evening max el	-305 Mar 22 j 20:31	17°♈08'31	20°10'54	
retrograde	-305 Apr 02 j 07:56	22°♈09'58		
evening set	-305 Apr 04 j 10:44	21°♈58'33		
inferior conj	-305 Apr 13 j 09:58	17°♈59'54	0°18'30	
minimum elong	-305 Apr 13 j 10:48	17°♈58'40	0°18'11	
desc. node	-305 Apr 14 j 11:57	17°♈21'07		
min. Earth dist.	-305 Apr 15 j 05:28	16°♈55'10	0.55374 AU	
morning rise	-305 Apr 22 j 08:59	13°♈36'56		
direct	-305 Apr 26 j 04:54	13°♈04'49		
morning max el	-305 May 09 j 20:41	19°♈48'38	23°44'23	
	-305 May 18 j 10:12	0°♉		
asc. node	-305 Jun 01 j 14:41	25°♉07'31		
morning set	-305 Jun 02 j 20:45	27°♉44'18		
	-305 Jun 03 j 22:26	0°♊		
superior conj	-305 Jun 09 j 22:16	12°♊53'53	1°17'44	
minimum elong	-305 Jun 09 j 19:45	12°♊40'23	1°17'22	
max. Earth dist.	-305 Jun 12 j 01:02	17°♊25'32	1.33471 AU	
evening rise	-305 Jun 17 j 09:44	28°♊31'38		
	-305 Jun 18 j 03:26	0°♋		
	-305 Jul 05 j 08:38	0°♌		
desc. node	-305 Jul 11 j 11:15	8°♌36'15		
evening max el	-305 Jul 21 j 02:13	19°♌38'06	27°24'21	
retrograde	-305 Aug 03 j 16:52	26°♌58'13		
evening set	-305 Aug 10 j 20:44	24°♌16'40		
min. Earth dist.	-305 Aug 14 j 12:20	21°♌00'18	0.63887 AU	
inferior conj	-305 Aug 17 j 00:35	18°♌23'38	-3°28'10	
minimum elong	-305 Aug 17 j 05:14	18°♌11'30	3°26'50	
morning rise	-305 Aug 23 j 14:42	13°♌02'44		
direct	-305 Aug 26 j 05:00	12°♌29'10		
asc. node	-305 Aug 28 j 13:54	12°♌57'30		
morning max el	-305 Sep 01 j 18:01	15°♌55'20	17°56'12	
	-305 Sep 11 j 16:55	0°♍		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-305 Sep 18 j 17:30	11°♍59'48	
	-305 Sep 29 j 08:44	0°♎	
superior conj	-305 Oct 01 j 09:02	3°♎18'35	0°39'25
minimum elong	-305 Oct 01 j 13:05	3°♎35'11	0°38'53
max. Earth dist.	-305 Oct 06 j 23:58	12°♎23'36	1.44193 AU
desc. node	-305 Oct 07 j 10:32	13°♎05'43	
evening rise	-305 Oct 17 j 10:13	28°♎43'29	
	-305 Oct 18 j 06:06	0°♏	
	-305 Nov 07 j 13:13	0°♐	
evening max el	-305 Nov 14 j 08:47	8°♐17'45	20°31'28
retrograde	-305 Nov 22 j 09:58	13°♐02'41	
asc. node	-305 Nov 24 j 13:08	12°♐36'48	
evening set	-305 Nov 26 j 05:40	11°♐38'29	
inferior conj	-305 Dec 01 j 15:38	5°♐30'54	2°15'57
minimum elong	-305 Dec 01 j 13:02	5°♐39'43	2°15'05
min. Earth dist.	-305 Dec 02 j 07:02	4°♐38'39	0.67116 AU
	-305 Dec 06 j 02:19	30°℞♏	
morning rise	-305 Dec 06 j 20:12	29°♏17'24	
direct	-305 Dec 12 j 10:11	26°♏49'50	
	-305 Dec 19 j 18:04	0°♐	
morning max el	-305 Dec 23 j 17:02	3°♐33'41	24°29'58
desc. node	-304 Jan 03 j 09:46	16°♐22'55	
	-304 Jan 12 j 23:03	0°♑	
morning set	-304 Jan 28 j 16:42	25°♑33'30	
	-304 Jan 31 j 04:49	0°♒	
max. Earth dist.	-304 Feb 01 j 09:04	2°♒07'32	1.37641 AU
superior conj	-304 Feb 08 j 04:46	14°♒55'08	-1°42'52
minimum elong	-304 Feb 08 j 08:30	15°♒13'12	1°42'30
	-304 Feb 15 j 20:11	0°♓	
evening rise	-304 Feb 16 j 19:36	1°♓56'21	
asc. node	-304 Feb 20 j 12:28	9°♓10'48	
evening max el	-304 Mar 04 j 14:34	29°♓04'52	19°10'50
	-304 Mar 05 j 14:52	0°♈	
retrograde	-304 Mar 13 j 10:25	3°♈19'31	
evening set	-304 Mar 15 j 16:00	3°♈04'25	
	-304 Mar 22 j 05:10	30°℞♓	
inferior conj	-304 Mar 23 j 21:08	28°♓53'26	2°00'42
minimum elong	-304 Mar 24 j 01:18	28°♓46'21	1°59'28
min. Earth dist.	-304 Mar 26 j 20:45	26°♓52'38	0.56614 AU
desc. node	-304 Mar 31 j 08:59	24°♓21'15	
morning rise	-304 Apr 01 j 07:40	23°♓58'10	
direct	-304 Apr 06 j 06:13	23°♓01'28	
	-304 Apr 20 j 03:17	0°♈	
morning max el	-304 Apr 20 j 11:17	0°♈19'05	25°22'15
	-304 May 11 j 00:21	0°♉	
morning set	-304 May 17 j 08:42	12°♉43'34	
asc. node	-304 May 18 j 11:44	15°♉06'50	
superior conj	-304 May 24 j 08:34	27°♉51'14	0°58'27
minimum elong	-304 May 24 j 06:20	27°♉39'07	0°58'02
	-304 May 25 j 08:10	0°♊	
max. Earth dist.	-304 May 25 j 09:31	0°♊07'20	1.32750 AU
evening rise	-304 May 31 j 11:36	13°♊04'08	
	-304 Jun 09 j 06:27	0°♋	
desc. node	-304 Jun 27 j 08:17	26°♋56'38	
	-304 Jun 30 j 01:57	0°♌	
evening max el	-304 Jul 02 j 10:23	2°♌21'54	27°16'51
retrograde	-304 Jul 16 j 06:34	9°♌39'28	
evening set	-304 Jul 23 j 10:04	7°♌15'26	
min. Earth dist.	-304 Jul 27 j 00:16	4°♌25'26	0.62105 AU
inferior conj	-304 Jul 30 j 00:38	1°♌38'18	-4°10'39
minimum elong	-304 Jul 30 j 05:00	1°♌28'10	4°09'49
	-304 Jul 31 j 20:06	30°℞♋	
morning rise	-304 Aug 06 j 01:18	26°♋36'57	
direct	-304 Aug 08 j 13:14	26°♋09'38	
asc. node	-304 Aug 14 j 10:56	28°♋45'44	
morning max el	-304 Aug 15 j 08:56	29°♋36'26	17°55'07
	-304 Aug 15 j 18:20	0°♌	
morning set	-304 Aug 31 j 10:41	24°♌47'32	
	-304 Sep 03 j 07:59	0°♍	
superior conj	-304 Sep 11 j 07:18	14°♍02'01	1°14'16
minimum elong	-304 Sep 11 j 12:16	14°♍23'20	1°13'43
max. Earth dist.	-304 Sep 18 j 13:33	26°♍12'16	1.42846 AU
	-304 Sep 20 j 21:39	0°♎	
desc. node	-304 Sep 23 j 07:35	3°♎51'50	
evening rise	-304 Sep 25 j 19:15	7°♎47'18	
	-304 Oct 10 j 12:30	0°♏	
evening max el	-304 Oct 27 j 05:50	21°♏46'26	21°42'56
retrograde	-304 Nov 05 j 06:37	27°♏08'36	
evening set	-304 Nov 09 j 13:24	25°♏27'40	
asc. node	-304 Nov 10 j 10:10	24°♏42'21	
inferior conj	-304 Nov 14 j 21:50	19°♏11'37	1°29'56
minimum elong	-304 Nov 14 j 19:55	19°♏18'16	1°29'11
min. Earth dist.	-304 Nov 15 j 01:51	18°♏57'46	0.67551 AU
morning rise	-304 Nov 20 j 02:16	12°♏58'44	
direct	-304 Nov 25 j 00:59	10°♏52'46	
morning max el	-304 Dec 05 j 02:30	16°♏51'31	23°02'13
	-304 Dec 15 j 22:25	0°♐	
desc. node	-304 Dec 20 j 06:48	6°♐02'55	
	-303 Jan 05 j 00:55	0°♑	
morning set	-303 Jan 08 j 16:24	5°♑58'18	
max. Earth dist.	-303 Jan 13 j 04:29	13°♑35'49	1.39756 AU
superior conj	-303 Jan 20 j 21:31	27°♑20'05	-1°57'21
minimum elong	-303 Jan 20 j 23:58	27°♑31'17	1°57'15
	-303 Jan 22 j 08:08	0°♒	
evening rise	-303 Jan 30 j 11:23	15°♒26'02	
asc. node	-303 Feb 06 j 09:30	28°♒18'32	
	-303 Feb 07 j 08:55	0°♓	
evening max el	-303 Feb 15 j 17:31	11°♓33'43	18°30'37
retrograde	-303 Feb 23 j 07:40	15°♓17'02	
evening set	-303 Feb 25 j 18:15	14°♓55'11	
inferior conj	-303 Mar 05 j 04:49	10°♓24'36	3°08'55
minimum elong	-303 Mar 05 j 08:42	10°♓16'52	3°08'08
min. Earth dist.	-303 Mar 08 j 14:54	7°♓42'58	0.58450 AU
morning rise	-303 Mar 12 j 20:33	5°♓00'04	
desc. node	-303 Mar 18 j 06:01	3°♓28'46	
direct	-303 Mar 18 j 20:37	3°♓27'49	
morning max el	-303 Apr 02 j 04:49	11°♓05'02	26°42'51
	-303 Apr 16 j 20:05	0°♈	
morning set	-303 May 01 j 19:15	27°♈37'31	
	-303 May 02 j 22:16	0°♉	
asc. node	-303 May 05 j 08:47	5°♉14'13	
superior conj	-303 May 08 j 20:13	12°♉50'35	0°36'04
minimum elong	-303 May 08 j 18:42	12°♉42'12	0°35'45
max. Earth dist.	-303 May 08 j 21:56	13°♉00'00	1.32392 AU
evening rise	-303 May 15 j 18:52	27°♉51'05	
	-303 May 16 j 19:39	0°♊	
	-303 Jun 02 j 17:38	0°♋	
desc. node	-303 Jun 14 j 05:18	14°♋05'17	
evening max el	-303 Jun 14 j 12:42	14°♋23'02	26°36'16
retrograde	-303 Jun 28 j 12:26	21°♋37'56	
evening set	-303 Jul 05 j 04:33	19°♋44'26	
min. Earth dist.	-303 Jul 09 j 01:59	17°♋06'36	0.60089 AU
inferior conj	-303 Jul 12 j 09:51	14°♋25'37	-4°38'09
minimum elong	-303 Jul 12 j 12:10	14°♋20'56	4°37'59
morning rise	-303 Jul 19 j 21:45	9°♋46'32	
direct	-303 Jul 22 j 09:28	9°♋23'34	
morning max el	-303 Jul 29 j 20:11	13°♋00'29	18°13'23
asc. node	-303 Aug 01 j 07:58	15°♋44'51	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-303 Aug 10 j 07:53	0°♌	
morning set	-303 Aug 14 j 19:00	8°♌18'57	
superior conj	-303 Aug 24 j 07:09	26°♌01'33	1°35'59
minimum elong	-303 Aug 24 j 10:31	26°♌16'47	1°35'44
	-303 Aug 26 j 12:18	0°♍	
max. Earth dist.	-303 Aug 31 j 21:33	9°♍21'37	1.41043 AU
evening rise	-303 Sep 05 j 20:56	17°♍38'17	
desc. node	-303 Sep 10 j 04:37	24°♍33'50	
	-303 Sep 13 j 16:29	0°♎	
	-303 Oct 05 j 03:40	0°♏	
evening max el	-303 Oct 09 j 21:33	5°♏16'26	23°01'35
retrograde	-303 Oct 20 j 00:52	11°♏17'15	
evening set	-303 Oct 24 j 20:34	9°♏18'20	
asc. node	-303 Oct 28 j 07:11	5°♏32'13	
inferior conj	-303 Oct 30 j 04:56	2°♏57'27	0°39'14
minimum elong	-303 Oct 30 j 04:01	3°♏00'36	0°38'50
min. Earth dist.	-303 Oct 29 j 22:23	3°♏20'00	0.67651 AU
	-303 Nov 01 j 10:04	30°℞♎	
morning rise	-303 Nov 04 j 11:24	26°♎47'21	
direct	-303 Nov 08 j 19:26	25°♎04'04	
	-303 Nov 17 j 09:45	0°♏	
morning max el	-303 Nov 17 j 16:37	0°♏17'11	21°37'33
desc. node	-303 Dec 07 j 03:51	26°♏07'20	
	-303 Dec 09 j 18:04	0°♐	
morning set	-303 Dec 19 j 11:04	15°♐00'46	
max. Earth dist.	-303 Dec 26 j 04:46	25°♐55'46	1.41799 AU
	-303 Dec 28 j 15:19	0°♑	
superior conj	-302 Jan 02 j 17:51	8°♑44'13	-2°01'11
minimum elong	-302 Jan 02 j 16:56	8°♑40'13	2°01'10
evening rise	-302 Jan 13 j 14:58	28°♑17'12	
	-302 Jan 14 j 13:25	0°♒	
asc. node	-302 Jan 24 j 06:31	16°♒54'57	
evening max el	-302 Jan 30 j 02:30	24°♒27'39	18°10'24
retrograde	-302 Feb 05 j 22:35	27°♒55'31	
evening set	-302 Feb 08 j 13:44	27°♒25'20	
inferior conj	-302 Feb 15 j 08:45	22°♒33'39	3°43'18
minimum elong	-302 Feb 15 j 10:31	22°♒29'33	3°43'09
min. Earth dist.	-302 Feb 18 j 15:06	19°♒34'19	0.60536 AU
morning rise	-302 Feb 22 j 05:29	16°♒48'39	
direct	-302 Feb 28 j 22:48	14°♒39'05	
desc. node	-302 Mar 05 j 03:01	15°♒25'32	
morning max el	-302 Mar 15 j 04:29	22°♒27'13	27°33'06
	-302 Mar 21 j 20:53	0°♓	
	-302 Apr 09 j 20:50	0°♈	
morning set	-302 Apr 16 j 02:36	12°♈19'53	
asc. node	-302 Apr 22 j 05:50	25°♈25'18	
max. Earth dist.	-302 Apr 22 j 10:23	25°♈50'08	1.32392 AU
superior conj	-302 Apr 23 j 07:36	27°♈46'10	0°11'21
minimum elong	-302 Apr 23 j 07:05	27°♈43'21	0°11'15
behind sun begin	-302 Apr 23 j 03:31	27°♈23'49	
behind sun end	-302 Apr 23 j 10:39	28°♈02'53	
	-302 Apr 24 j 08:01	0°♉	
evening rise	-302 Apr 30 j 05:19	12°♉44'54	
	-302 May 08 j 23:36	0°♊	
evening max el	-302 May 27 j 08:03	25°♊38'46	25°26'04
desc. node	-302 Jun 01 j 02:18	29°♊33'17	
	-302 Jun 01 j 18:37	0°♋	
retrograde	-302 Jun 10 j 09:04	2°♋49'13	
evening set	-302 Jun 16 j 00:30	1°♋34'31	
	-302 Jun 19 j 00:46	30°℞♊	
min. Earth dist.	-302 Jun 20 j 20:01	28°♊50'37	0.58052 AU
inferior conj	-302 Jun 24 j 00:48	26°♊36'25	-4°40'26
minimum elong	-302 Jun 23 j 23:03	26°♊39'29	4°40'21
morning rise	-302 Jul 02 j 00:17	22°♊19'41	
direct	-302 Jul 04 j 13:13	21°♊59'50	
morning max el	-302 Jul 13 j 00:49	25°♊59'04	18°52'02
	-302 Jul 16 j 14:39	0°♋	
asc. node	-302 Jul 19 j 05:02	3°♋40'16	
morning set	-302 Jul 29 j 14:06	22°♋22'39	
	-302 Aug 02 j 11:13	0°♌	
superior conj	-302 Aug 07 j 03:08	9°♌01'35	1°45'59
minimum elong	-302 Aug 07 j 04:17	9°♌07'06	1°45'58
max. Earth dist.	-302 Aug 14 j 00:47	21°♌45'58	1.39037 AU
evening rise	-302 Aug 17 j 23:10	28°♌38'39	
	-302 Aug 18 j 18:14	0°♍	
desc. node	-302 Aug 28 j 01:38	15°♍07'25	
	-302 Sep 07 j 03:23	0°♎	
evening max el	-302 Sep 22 j 09:55	18°♎49'15	24°21'31
retrograde	-302 Oct 03 j 15:36	25°♎24'23	
evening set	-302 Oct 09 j 01:28	23°♎07'40	
inferior conj	-302 Oct 14 j 11:11	16°♎45'52	-0°14'43
minimum elong	-302 Oct 14 j 11:32	16°♎44'40	0°14'35
transit middle	-302 Oct 14 j 11:32	16°♎44'40	0°14'35
transit begin	-302 Oct 14 j 10:19	16°♎48'45	
transit end	-302 Oct 14 j 12:45	16°♎40'35	
min. Earth dist.	-302 Oct 13 j 18:16	17°♎42'43	0.67432 AU
asc. node	-302 Oct 15 j 04:13	15°♎48'52	
morning rise	-302 Oct 19 j 21:38	10°♎41'03	
direct	-302 Oct 23 j 16:34	9°♎18'52	
morning max el	-302 Oct 31 j 13:46	13°♎52'22	20°22'19
	-302 Nov 13 j 00:35	0°♏	
desc. node	-302 Nov 24 j 00:52	16°♏28'46	
morning set	-302 Nov 28 j 09:28	23°♏11'12	
	-302 Dec 02 j 18:18	0°♐	
max. Earth dist.	-302 Dec 08 j 12:17	9°♐07'57	1.43488 AU
superior conj	-302 Dec 14 j 12:37	18°♐56'01	-1°49'48
minimum elong	-302 Dec 14 j 06:55	18°♐32'27	1°49'26
	-302 Dec 21 j 02:35	0°♑	
evening rise	-302 Dec 27 j 02:10	10°♑20'53	
	-301 Jan 07 j 17:08	0°♒	
asc. node	-301 Jan 11 j 03:33	4°♒50'07	
evening max el	-301 Jan 13 j 14:33	7°♒38'34	18°09'44
retrograde	-301 Jan 20 j 02:54	11°♒04'43	
evening set	-301 Jan 22 j 22:25	10°♒25'06	
inferior conj	-301 Jan 29 j 05:24	5°♒12'58	3°51'09
minimum elong	-301 Jan 29 j 04:59	5°♒14'04	3°51'08
min. Earth dist.	-301 Jan 31 j 23:46	2°♒19'58	0.62566 AU
	-301 Feb 03 j 12:03	30°℞♑	
morning rise	-301 Feb 04 j 10:30	29°♑15'32	
direct	-301 Feb 11 j 10:34	26°♑37'41	
desc. node	-301 Feb 20 j 00:03	29°♑52'37	
	-301 Feb 20 j 04:14	0°♒	
morning max el	-301 Feb 25 j 09:50	4°♒29'53	27°46'47
	-301 Mar 16 j 12:45	0°♓	
morning set	-301 Mar 31 j 04:40	26°♓43'13	
	-301 Apr 01 j 19:12	0°♈	
max. Earth dist.	-301 Apr 05 j 18:56	8°♈23'56	1.32772 AU
superior conj	-301 Apr 07 j 17:01	12°♈32'08	-0°14'53
minimum elong	-301 Apr 07 j 17:43	12°♈35'56	0°14'43
behind sun begin	-301 Apr 07 j 15:46	12°♈25'20	
behind sun end	-301 Apr 07 j 19:41	12°♈46'32	
asc. node	-301 Apr 09 j 02:53	15°♈35'48	
evening rise	-301 Apr 14 j 17:04	27°♈38'52	
	-301 Apr 15 j 19:56	0°♉	
	-301 May 03 j 07:17	0°♊	
evening max el	-301 May 08 j 23:00	6°♊21'53	23°56'17
desc. node	-301 May 18 j 23:18	12°♊44'44	
retrograde	-301 May 22 j 18:04	13°♊17'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-301 May 26 j 23:13	12°♊37'58	
min. Earth dist.	-301 Jun 02 j 10:05	9°♊32'45	0.56314 AU
inferior conj	-301 Jun 04 j 19:38	8°♊04'25	-4°04'53
minimum elong	-301 Jun 04 j 13:32	8°♊13'50	4°03'43
morning rise	-301 Jun 13 j 06:43	4°♊04'49	
direct	-301 Jun 15 j 21:48	3°♊46'56	
morning max el	-301 Jun 25 j 20:03	8°♊22'45	19°51'40
asc. node	-301 Jul 06 j 02:06	22°♊19'09	
	-301 Jul 10 j 06:01	0°♋	
morning set	-301 Jul 13 j 16:50	6°♋50'32	
superior conj	-301 Jul 21 j 13:52	22°♋47'05	1°46'33
minimum elong	-301 Jul 21 j 13:10	22°♋43'40	1°46'33
	-301 Jul 25 j 06:12	0°♌	
max. Earth dist.	-301 Jul 27 j 04:35	3°♌41'02	1.37088 AU
evening rise	-301 Jul 31 j 01:12	10°♌48'22	
	-301 Aug 11 j 09:49	0°♍	
desc. node	-301 Aug 14 j 22:40	5°♍28'05	
	-301 Sep 02 j 12:32	0°♎	
evening max el	-301 Sep 04 j 21:25	2°♎26'06	25°35'25
retrograde	-301 Sep 17 j 01:52	9°♎25'58	
evening set	-301 Sep 23 j 02:22	6°♎53'39	
min. Earth dist.	-301 Sep 27 j 11:06	2°♎04'12	0.66898 AU
inferior conj	-301 Sep 28 j 14:51	0°♎35'04	-1°10'24
minimum elong	-301 Sep 28 j 16:38	0°♎29'23	1°09'40
	-301 Sep 29 j 01:48	30°℞♍	
asc. node	-301 Oct 02 j 01:16	26°♍30'44	
morning rise	-301 Oct 04 j 07:05	24°♍38'20	
direct	-301 Oct 07 j 15:00	23°♍34'13	
morning max el	-301 Oct 14 j 18:28	27°♍37'01	19°20'33
	-301 Oct 16 j 22:20	0°♎	
	-301 Nov 06 j 09:28	0°♏	
morning set	-301 Nov 07 j 10:56	1°♏39'00	
desc. node	-301 Nov 10 j 21:56	7°♏02'17	
max. Earth dist.	-301 Nov 21 j 02:25	23°♏01'01	1.44610 AU
superior conj	-301 Nov 24 j 05:14	27°♏57'35	-1°20'10
minimum elong	-301 Nov 23 j 21:00	27°♏24'53	1°19'19
	-301 Nov 25 j 11:56	0°♐	
evening rise	-301 Dec 08 j 16:36	21°♐29'26	
	-301 Dec 13 j 19:32	0°♑	
evening max el	-301 Dec 28 j 02:56	20°♑59'52	18°27'50
asc. node	-301 Dec 29 j 00:34	21°♑52'07	
retrograde	-300 Jan 03 j 16:19	24°♑36'05	
evening set	-300 Jan 06 j 16:45	23°♑45'56	
inferior conj	-300 Jan 12 j 14:49	18°♑14'52	3°39'48
minimum elong	-300 Jan 12 j 12:53	18°♑20'31	3°39'34
min. Earth dist.	-300 Jan 14 j 18:00	15°♑46'34	0.64327 AU
morning rise	-300 Jan 18 j 08:30	12°♑09'50	
direct	-300 Jan 25 j 05:52	9°♑18'36	
desc. node	-300 Feb 06 j 21:06	16°♑14'09	
morning max el	-300 Feb 07 j 18:33	17°♑06'37	27°24'36
	-300 Feb 18 j 12:59	0°♒	
	-300 Mar 08 j 07:53	0°♓	
morning set	-300 Mar 13 j 22:44	10°♓38'29	
max. Earth dist.	-300 Mar 18 j 19:45	20°♓29'23	1.33575 AU
superior conj	-300 Mar 21 j 22:37	27°♓02'09	-0°41'38
minimum elong	-300 Mar 22 j 00:37	27°♓12'43	0°41'13
	-300 Mar 23 j 08:03	0°♈	
asc. node	-300 Mar 25 j 23:56	5°♈41'25	
evening rise	-300 Mar 29 j 04:18	12°♈26'33	
	-300 Apr 07 j 05:08	0°♉	
evening max el	-300 Apr 19 j 15:33	16°♉58'04	22°21'08
retrograde	-300 May 02 j 14:00	23°♉19'42	
desc. node	-300 May 04 j 20:20	23°♉08'20	
evening set	-300 May 05 j 12:00	23°♉00'58	

min. Earth dist.	-300 May 13 j 22:52	19°♉22'52	0.55230 AU
inferior conj	-300 May 14 j 21:01	18°♉51'33	-2°44'02
minimum elong	-300 May 14 j 14:15	19°♉01'09	2°41'59
morning rise	-300 May 23 j 18:14	14°♉57'16	
direct	-300 May 26 j 14:18	14°♉38'58	
morning max el	-300 Jun 07 j 04:04	20°♉03'18	21°11'18
	-300 Jun 15 j 06:31	0°♊	
asc. node	-300 Jun 21 j 23:11	11°♊30'05	
morning set	-300 Jun 27 j 00:34	21°♊34'40	
	-300 Jul 01 j 01:30	0°♋	
superior conj	-300 Jul 04 j 10:55	7°♋04'09	1°39'44
minimum elong	-300 Jul 04 j 09:02	6°♋54'22	1°39'35
max. Earth dist.	-300 Jul 08 j 14:56	15°♋32'08	1.35394 AU
evening rise	-300 Jul 12 j 22:16	23°♋54'00	
	-300 Jul 16 j 05:17	0°♌	
desc. node	-300 Jul 31 j 19:41	25°♌28'41	
	-300 Aug 04 j 00:01	0°♍	
evening max el	-300 Aug 17 j 09:20	16°♍01'53	26°35'34
retrograde	-300 Aug 30 j 07:01	23°♍15'35	
evening set	-300 Sep 05 j 21:08	20°♍32'33	
min. Earth dist.	-300 Sep 09 j 22:22	16°♍20'21	0.66019 AU
inferior conj	-300 Sep 11 j 14:01	14°♍21'13	-2°06'07
minimum elong	-300 Sep 11 j 17:11	14°♍11'41	2°04'54
morning rise	-300 Sep 17 j 13:39	8°♍35'51	
asc. node	-300 Sep 17 j 22:20	8°♍24'32	
direct	-300 Sep 20 j 12:53	7°♍46'14	
morning max el	-300 Sep 27 j 05:19	11°♍27'44	18°34'28
	-300 Oct 10 j 09:55	0°♎	
morning set	-300 Oct 17 j 11:59	11°♎20'35	
desc. node	-300 Oct 27 j 18:59	27°♎43'39	
	-300 Oct 29 j 05:32	0°♏	
superior conj	-300 Nov 02 j 06:16	6°♏20'51	-0°35'19
minimum elong	-300 Nov 02 j 01:38	6°♏02'41	0°34'42
max. Earth dist.	-300 Nov 02 j 20:45	7°♏17'50	1.45026 AU
	-300 Nov 17 j 06:23	0°♐	
evening rise	-300 Nov 18 j 07:23	1°♐39'07	
greatest brilliancy	-300 Nov 27 j 01:21	15°♐31'33	-0.8m
	-300 Dec 06 j 19:23	0°♑	
evening max el	-300 Dec 10 j 13:07	4°♑26'24	19°03'34
asc. node	-300 Dec 14 j 21:36	7°♑46'47	
retrograde	-300 Dec 17 j 11:13	8°♑22'57	
evening set	-300 Dec 20 j 17:45	7°♑20'53	
inferior conj	-300 Dec 26 j 09:30	1°♑33'09	3°14'47
minimum elong	-300 Dec 26 j 06:48	1°♑41'38	3°14'11
	-300 Dec 27 j 15:05	30°℞♐	
min. Earth dist.	-300 Dec 27 j 21:33	29°♐39'51	0.65711 AU
morning rise	-300 Dec 31 j 19:35	25°♐23'16	
direct	-299 Jan 07 j 07:26	22°♐33'15	
morning max el	-299 Jan 20 j 04:13	0°♑06'34	26°32'21
	-299 Jan 20 j 01:35	0°♑	
desc. node	-299 Jan 23 j 18:10	3°♑57'56	
	-299 Feb 11 j 11:25	0°♒	
morning set	-299 Feb 25 j 05:14	23°♒55'04	
	-299 Feb 28 j 09:07	0°♓	
max. Earth dist.	-299 Mar 01 j 09:53	2°♓01'58	1.34827 AU
superior conj	-299 Mar 05 j 22:12	11°♓09'32	-1°07'40
minimum elong	-299 Mar 06 j 01:20	11°♓25'41	1°07'08
asc. node	-299 Mar 12 j 20:59	25°♓38'08	
evening rise	-299 Mar 13 j 13:10	27°♓01'58	
	-299 Mar 14 j 23:53	0°♈	
evening max el	-299 Apr 01 j 16:07	27°♈55'32	20°53'56
	-299 Apr 04 j 01:40	0°♉	
retrograde	-299 Apr 13 j 03:06	3°♉27'46	
evening set	-299 Apr 15 j 08:39	3°♉15'59	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-299 Apr 21 j 17:21	0°♉54'27		
	-299 Apr 23 j 09:31	30°℞♈		
inferior conj	-299 Apr 24 j 15:15	29°♈17'59	-0°50'00	
minimum elong	-299 Apr 24 j 12:53	29°♈21'21	0°49'09	
min. Earth dist.	-299 Apr 25 j 11:53	28°♈48'39	0.55047 AU	
morning rise	-299 May 03 j 16:42	25°♈11'00		
direct	-299 May 07 j 00:54	24°♈46'54		
	-299 May 18 j 21:49	0°♉		
morning max el	-299 May 20 j 01:53	1°♉03'07	22°46'24	
	-299 Jun 08 j 07:18	0°♊		
asc. node	-299 Jun 08 j 20:16	1°♊05'01		
morning set	-299 Jun 11 j 11:18	6°♊29'06		
superior conj	-299 Jun 18 j 15:03	21°♊43'02	1°27'07	
minimum elong	-299 Jun 18 j 12:36	21°♊30'01	1°26'49	
max. Earth dist.	-299 Jun 21 j 10:45	27°♊39'31	1.34060 AU	
	-299 Jun 22 j 13:52	0°♋		
evening rise	-299 Jun 26 j 09:34	7°♋42'09		
	-299 Jul 08 j 18:09	0°♌		
desc. node	-299 Jul 18 j 16:42	15°♌00'31		
evening max el	-299 Jul 30 j 21:09	29°♌26'39	27°14'18	
	-299 Jul 31 j 11:16	0°♍		
retrograde	-299 Aug 13 j 06:35	6°♍45'50		
evening set	-299 Aug 20 j 07:12	4°♍00'15		
min. Earth dist.	-299 Aug 24 j 01:42	0°♍24'55	0.64774 AU	
	-299 Aug 24 j 10:53	30°℞♌		
inferior conj	-299 Aug 26 j 06:23	27°♌59'48	-2°59'35	
minimum elong	-299 Aug 26 j 10:40	27°♌47'57	2°58'11	
morning rise	-299 Sep 01 j 14:52	22°♌29'12		
direct	-299 Sep 04 j 07:47	21°♌50'40		
asc. node	-299 Sep 04 j 19:26	21°♌51'55		
morning max el	-299 Sep 10 j 20:01	25°♌19'46	18°05'10	
	-299 Sep 14 j 17:24	0°♍		
morning set	-299 Sep 28 j 17:35	22°♍25'54		
	-299 Oct 03 j 06:32	0°♎		
superior conj	-299 Oct 12 j 13:15	15°♎06'43	0°13'55	
minimum elong	-299 Oct 12 j 14:56	15°♎13'26	0°13'40	
behind sun begin	-299 Oct 12 j 09:08	14°♎50'13		
behind sun end	-299 Oct 12 j 20:43	15°♎36'38		
desc. node	-299 Oct 14 j 16:01	18°♎29'19		
max. Earth dist.	-299 Oct 16 j 15:42	21°♎38'24	1.44699 AU	
	-299 Oct 21 j 23:22	0°♏		
evening rise	-299 Oct 29 j 00:31	10°♏57'08		
	-299 Nov 10 j 11:26	0°♐		
greatest brilliancy	-299 Nov 11 j 12:52	1°♐34'56	-0.7m	
evening max el	-299 Nov 23 j 18:59	17°♐54'08	19°55'18	
retrograde	-299 Dec 01 j 08:35	22°♐19'40		
asc. node	-299 Dec 01 j 18:39	22°♐18'40		
evening set	-299 Dec 04 j 22:55	21°♐04'01		
inferior conj	-299 Dec 10 j 10:27	15°♐02'31	2°39'42	
minimum elong	-299 Dec 10 j 07:40	15°♐11'47	2°38'52	
min. Earth dist.	-299 Dec 11 j 08:51	13°♐48'03	0.66709 AU	
morning rise	-299 Dec 15 j 16:13	8°♐49'41		
direct	-299 Dec 21 j 14:37	6°♐12'00		
morning max el	-298 Jan 02 j 13:11	13°♐17'53	25°18'24	
desc. node	-298 Jan 10 j 15:13	22°♐39'07		
	-298 Jan 16 j 02:38	0°♑		
	-298 Feb 04 j 05:53	0°♒		
morning set	-298 Feb 07 j 19:15	6°♒17'39		
max. Earth dist.	-298 Feb 11 j 12:34	13°♒08'22	1.36514 AU	
superior conj	-298 Feb 17 j 12:49	24°♒44'51	-1°31'18	
minimum elong	-298 Feb 17 j 16:36	25°♒03'39	1°30'49	
	-298 Feb 20 j 03:50	0°♓		
evening rise	-298 Feb 25 j 17:27	11°♓17'12		
asc. node	-298 Feb 27 j 18:00	15°♓20'17		
	-298 Mar 07 j 19:21	0°♈		
evening max el	-298 Mar 15 j 03:45	9°♈28'54	19°42'52	
retrograde	-298 Mar 24 j 21:43	14°♈09'26		
evening set	-298 Mar 27 j 00:55	13°♈56'59		
inferior conj	-298 Apr 04 j 16:50	9°♈54'02	1°05'25	
minimum elong	-298 Apr 04 j 19:32	9°♈49'46	1°04'31	
min. Earth dist.	-298 Apr 07 j 02:09	8°♈24'29	0.55806 AU	
desc. node	-298 Apr 08 j 14:23	7°♈30'47		
morning rise	-298 Apr 13 j 11:43	5°♈17'39		
direct	-298 Apr 17 j 18:11	4°♈37'00		
morning max el	-298 May 01 j 17:34	11°♈37'02	24°27'17	
	-298 May 15 j 16:28	0°♉		
morning set	-298 May 26 j 23:14	21°♉27'48		
asc. node	-298 May 26 j 17:19	20°♉56'44		
	-298 May 30 j 22:51	0°♊		
superior conj	-298 Jun 02 j 23:39	6°♊35'18	1°09'58	
minimum elong	-298 Jun 02 j 21:13	6°♊22'05	1°09'35	
max. Earth dist.	-298 Jun 04 j 15:10	10°♊08'43	1.33112 AU	
evening rise	-298 Jun 10 j 06:59	22°♊00'45		
	-298 Jun 14 j 08:05	0°♋		
	-298 Jul 02 j 15:06	0°♌		
desc. node	-298 Jul 05 j 13:44	3°♌51'29		
evening max el	-298 Jul 13 j 07:04	12°♌28'00	27°25'08	
retrograde	-298 Jul 27 j 00:18	19°♌47'45		
evening set	-298 Aug 03 j 05:18	17°♌11'33		
min. Earth dist.	-298 Aug 06 j 19:25	14°♌08'06	0.63163 AU	
inferior conj	-298 Aug 09 j 13:16	11°♌25'01	-3°47'32	
minimum elong	-298 Aug 09 j 17:58	11°♌13'20	3°46'22	
morning rise	-298 Aug 16 j 07:48	6°♌12'25		
direct	-298 Aug 18 j 20:47	5°♌41'52		
asc. node	-298 Aug 22 j 16:30	6°♌52'04		
morning max el	-298 Aug 25 j 11:44	9°♌07'06	17°53'32	
	-298 Sep 08 j 07:32	0°♍		
morning set	-298 Sep 10 j 23:31	4°♍41'05		
superior conj	-298 Sep 22 j 19:38	25°♍03'33	0°55'48	
minimum elong	-298 Sep 23 j 00:31	25°♍23'57	0°55'11	
	-298 Sep 25 j 19:19	0°♎		
max. Earth dist.	-298 Sep 29 j 07:35	5°♎42'19	1.43681 AU	
desc. node	-298 Oct 01 j 13:03	9°♎16'22		
evening rise	-298 Oct 08 j 07:17	19°♎52'39		
	-298 Oct 14 j 22:12	0°♏		
	-298 Nov 05 j 12:24	0°♐		
evening max el	-298 Nov 06 j 19:16	1°♐22'24	21°00'35	
retrograde	-298 Nov 15 j 06:09	6°♐23'19		
asc. node	-298 Nov 18 j 15:42	5°♐17'58		
evening set	-298 Nov 19 j 06:15	4°♐52'14		
	-298 Nov 23 j 15:59	30°℞♏		
inferior conj	-298 Nov 24 j 15:21	28°♏40'21	1°57'09	
minimum elong	-298 Nov 24 j 13:00	28°♏48'28	1°56'17	
min. Earth dist.	-298 Nov 25 j 01:45	28°♏04'42	0.67340 AU	
morning rise	-298 Nov 29 j 19:34	22°♏26'39		
direct	-298 Dec 05 j 02:56	20°♏08'02		
morning max el	-298 Dec 15 j 21:47	26°♏34'00	23°52'46	
	-298 Dec 19 j 02:02	0°♐		
desc. node	-298 Dec 28 j 12:15	12°♐01'27		
	-297 Jan 09 j 17:26	0°♑		
morning set	-297 Jan 20 j 10:45	17°♑30'21		
max. Earth dist.	-297 Jan 24 j 07:57	24°♑16'32	1.38532 AU	
	-297 Jan 27 j 12:14	0°♒		
superior conj	-297 Jan 31 j 14:52	7°♒38'49	-1°50'03	
minimum elong	-297 Jan 31 j 18:16	7°♒54'57	1°49'47	
evening rise	-297 Feb 09 j 14:39	25°♒05'37		
	-297 Feb 12 j 03:17	0°♓		
asc. node	-297 Feb 14 j 15:01	4°♓42'27		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-297 Feb 26 j 01:51	21°♓39'36	18°51'13
retrograde	-297 Mar 06 j 07:53	25°♓39'02	
evening set	-297 Mar 08 j 15:22	25°♓21'29	
inferior conj	-297 Mar 16 j 12:25	21°♓02'51	2°34'05
minimum elong	-297 Mar 16 j 16:49	20°♓54'50	2°32'56
min. Earth dist.	-297 Mar 19 j 18:40	18°♓41'52	0.57342 AU
morning rise	-297 Mar 24 j 15:16	15°♓53'44	
desc. node	-297 Mar 26 j 11:25	15°♓13'57	
direct	-297 Mar 30 j 01:12	14°♓42'42	
morning max el	-297 Apr 13 j 08:54	22°♓11'01	25°59'31
	-297 Apr 20 j 06:15	0°♈	
	-297 May 08 j 07:52	0°♉	
morning set	-297 May 11 j 10:43	6°♉25'02	
asc. node	-297 May 13 j 14:20	10°♉59'43	
superior conj	-297 May 18 j 10:43	21°♉34'00	0°49'16
minimum elong	-297 May 18 j 08:45	21°♉23'12	0°48'54
max. Earth dist.	-297 May 19 j 01:30	22°♉54'56	1.32546 AU
	-297 May 22 j 07:46	0°♊	
evening rise	-297 May 25 j 11:24	6°♊39'52	
	-297 Jun 06 j 21:04	0°♋	
desc. node	-297 Jun 22 j 10:45	21°♋44'09	
evening max el	-297 Jun 25 j 12:50	24°♋53'52	27°03'40
	-297 Jul 02 j 03:46	0°♌	
retrograde	-297 Jul 09 j 11:10	2°♌11'17	
evening set	-297 Jul 16 j 11:12	29°♋58'41	
	-297 Jul 16 j 10:21	30°℞♋	
min. Earth dist.	-297 Jul 20 j 02:56	27°♋15'55	0.61254 AU
inferior conj	-297 Jul 23 j 07:25	24°♋28'45	-4°24'44
minimum elong	-297 Jul 23 j 11:10	24°♋20'30	4°24'12
morning rise	-297 Jul 30 j 12:49	19°♋36'48	
direct	-297 Aug 02 j 00:15	19°♋11'42	
morning max el	-297 Aug 09 j 01:29	22°♋41'52	18°00'30
asc. node	-297 Aug 09 j 13:33	23°♋12'03	
	-297 Aug 14 j 18:53	0°♌	
morning set	-297 Aug 24 j 23:43	17°♌48'31	
	-297 Aug 31 j 15:44	0°♍	
superior conj	-297 Sep 04 j 05:17	6°♍20'33	1°25'02
minimum elong	-297 Sep 04 j 09:45	6°♍40'08	1°24'36
max. Earth dist.	-297 Sep 11 j 18:15	19°♍13'10	1.42113 AU
evening rise	-297 Sep 17 j 21:39	29°♍11'38	
desc. node	-297 Sep 18 j 10:05	0°♎01'01	
	-297 Sep 18 j 09:50	0°♎	
	-297 Oct 08 j 13:44	0°♏	
evening max el	-297 Oct 20 j 13:52	14°♏51'18	22°15'51
retrograde	-297 Oct 30 j 01:58	20°♏30'25	
evening set	-297 Nov 03 j 13:55	18°♏42'11	
asc. node	-297 Nov 05 j 12:44	16°♏47'44	
inferior conj	-297 Nov 08 j 22:10	12°♏23'37	1°08'58
minimum elong	-297 Nov 08 j 20:38	12°♏28'56	1°08'20
min. Earth dist.	-297 Nov 08 j 21:41	12°♏25'16	0.67631 AU
morning rise	-297 Nov 14 j 03:11	6°♏11'21	
direct	-297 Nov 18 j 19:32	4°♏14'54	
morning max el	-297 Nov 28 j 08:41	9°♏54'15	22°25'19
	-297 Dec 14 j 02:02	0°♐	
desc. node	-297 Dec 15 j 09:18	1°♐52'51	
morning set	-297 Dec 31 j 22:01	27°♐19'21	
	-296 Jan 02 j 13:16	0°♑	
max. Earth dist.	-296 Jan 06 j 04:13	6°♑02'51	1.40652 AU
superior conj	-296 Jan 13 j 23:38	19°♑39'50	-2°00'33
minimum elong	-296 Jan 14 j 00:55	19°♑45'34	2°00'31
	-296 Jan 19 j 15:07	0°♒	
evening rise	-296 Jan 24 j 01:43	8°♒19'47	
asc. node	-296 Feb 01 j 12:02	23°♒38'01	
	-296 Feb 05 j 15:30	0°♓	
evening max el	-296 Feb 09 j 07:51	4°♓20'54	18°19'37
retrograde	-296 Feb 16 j 12:48	7°♓55'22	
evening set	-296 Feb 19 j 01:28	7°♓30'06	
inferior conj	-296 Feb 26 j 05:02	2°♓50'54	3°27'14
minimum elong	-296 Feb 26 j 08:07	2°♓44'21	3°26'45
min. Earth dist.	-296 Feb 29 j 15:09	29°♒58'27	0.59332 AU
	-296 Feb 29 j 14:22	30°℞♒	
morning rise	-296 Mar 04 j 12:27	27°♒16'41	
direct	-296 Mar 10 j 21:22	25°♒27'43	
desc. node	-296 Mar 12 j 08:26	25°♒33'19	
	-296 Mar 21 j 14:42	0°♓	
morning max el	-296 Mar 25 j 04:43	3°♓10'36	27°08'22
	-296 Apr 13 j 17:13	0°♈	
morning set	-296 Apr 24 j 20:09	21°♈15'05	
	-296 Apr 28 j 22:37	0°♉	
asc. node	-296 Apr 29 j 11:22	1°♉09'21	
superior conj	-296 May 01 j 22:29	6°♉33'00	0°25'49
minimum elong	-296 May 01 j 21:21	6°♉26'48	0°25'35
max. Earth dist.	-296 May 01 j 14:20	5°♉48'12	1.32346 AU
evening rise	-296 May 08 j 20:18	21°♉31'14	
	-296 May 12 j 23:55	0°♊	
	-296 May 31 j 12:30	0°♋	
evening max el	-296 Jun 06 j 12:26	6°♋36'28	26°09'44
desc. node	-296 Jun 08 j 07:44	8°♋14'28	
retrograde	-296 Jun 20 j 13:25	13°♋49'44	
evening set	-296 Jun 26 j 20:24	12°♋12'40	
min. Earth dist.	-296 Jul 01 j 01:18	9°♋34'09	0.59205 AU
inferior conj	-296 Jul 04 j 09:19	7°♋02'13	-4°43'01
minimum elong	-296 Jul 04 j 10:07	7°♋00'41	4°43'00
morning rise	-296 Jul 12 j 02:03	2°♋32'29	
direct	-296 Jul 14 j 14:05	2°♋10'58	
morning max el	-296 Jul 22 j 10:16	5°♋56'10	18°27'14
asc. node	-296 Jul 26 j 10:36	10°♋36'55	
	-296 Aug 06 j 17:17	0°♌	
morning set	-296 Aug 07 j 13:07	1°♌35'02	
superior conj	-296 Aug 16 j 14:24	18°♌47'25	1°41'31
minimum elong	-296 Aug 16 j 16:50	18°♌58'39	1°41'23
	-296 Aug 22 j 19:40	0°♍	
max. Earth dist.	-296 Aug 23 j 23:54	2°♍02'55	1.40203 AU
evening rise	-296 Aug 28 j 09:30	9°♍31'15	
desc. node	-296 Sep 04 j 07:06	20°♍39'47	
	-296 Sep 10 j 09:47	0°♎	
evening max el	-296 Oct 02 j 04:03	28°♎22'39	23°35'53
	-296 Oct 03 j 20:53	0°♏	
retrograde	-296 Oct 12 j 18:43	4°♏38'22	
evening set	-296 Oct 17 j 20:19	2°♏31'57	
	-296 Oct 20 j 07:07	30°℞♎	
asc. node	-296 Oct 22 j 09:47	27°♎16'21	
inferior conj	-296 Oct 23 j 05:07	26°♎10'26	0°16'41
minimum elong	-296 Oct 23 j 04:43	26°♎11'48	0°16'30
min. Earth dist.	-296 Oct 22 j 18:15	26°♎47'32	0.67600 AU
morning rise	-296 Oct 28 j 13:02	20°♎02'13	
direct	-296 Nov 01 j 15:23	18°♎27'57	
morning max el	-296 Nov 10 j 01:27	23°♎22'52	21°04'04
	-296 Nov 15 j 17:50	0°♏	
desc. node	-296 Dec 01 j 06:21	22°♏05'04	
	-296 Dec 06 j 11:08	0°♐	
morning set	-296 Dec 10 j 05:56	5°♐52'29	
max. Earth dist.	-296 Dec 18 j 07:40	18°♐46'22	1.42580 AU
superior conj	-296 Dec 25 j 09:40	0°♑34'29	-1°58'28
minimum elong	-296 Dec 25 j 06:45	0°♑22'07	1°58'22
	-296 Dec 25 j 01:33	0°♑	
evening rise	-295 Jan 05 j 22:51	20°♑51'36	
	-295 Jan 11 j 01:37	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-295 Jan 18 j 09:04	11°♒58'12		
evening max el	-295 Jan 22 j 18:34	17°♒23'19	18°07'46	
retrograde	-295 Jan 29 j 09:58	20°♒48'34		
evening set	-295 Feb 01 j 03:06	20°♒14'19		
inferior conj	-295 Feb 07 j 16:33	15°♒13'38	3°49'23	
minimum elong	-295 Feb 07 j 17:21	15°♒11'42	3°49'21	
min. Earth dist.	-295 Feb 10 j 18:26	12°♒14'37	0.61427 AU	
morning rise	-295 Feb 14 j 06:12	9°♒22'54		
direct	-295 Feb 21 j 03:48	6°♒59'53		
desc. node	-295 Feb 27 j 05:29	8°♒38'12		
morning max el	-295 Mar 07 j 06:50	14°♒49'35	27°43'30	
	-295 Mar 19 j 14:22	0°♓		
	-295 Apr 06 j 03:52	0°♈		
morning set	-295 Apr 09 j 01:32	5°♈50'11		
max. Earth dist.	-295 Apr 15 j 01:44	18°♈33'39	1.32512 AU	
superior conj	-295 Apr 16 j 09:15	21°♈25'10	0°00'23	
minimum elong	-295 Apr 16 j 09:14	21°♈25'05	0°00'23	
behind sun begin	-295 Apr 16 j 04:09	20°♈57'23		
behind sun end	-295 Apr 16 j 14:18	21°♈52'48		
asc. node	-295 Apr 16 j 08:23	21°♈20'29		
	-295 Apr 20 j 07:36	0°♉		
evening rise	-295 Apr 23 j 07:34	6°♉26'11		
	-295 May 05 j 18:15	0°♊		
evening max el	-295 May 19 j 05:30	17°♊36'02	24°49'26	
desc. node	-295 May 26 j 04:44	22°♊49'04		
retrograde	-295 Jun 02 j 04:50	24°♊41'05		
evening set	-295 Jun 07 j 06:32	23°♊42'38		
min. Earth dist.	-295 Jun 12 j 17:01	20°♊51'23	0.57262 AU	
inferior conj	-295 Jun 15 j 15:44	18°♊55'01	-4°30'41	
minimum elong	-295 Jun 15 j 11:57	19°♊01'16	4°30'16	
morning rise	-295 Jun 23 j 20:09	14°♊46'25		
direct	-295 Jun 26 j 10:07	14°♊27'24		
morning max el	-295 Jul 05 j 11:05	18°♊40'10	19°14'49	
asc. node	-295 Jul 13 j 07:39	28°♊51'48		
	-295 Jul 14 j 00:15	0°♋		
morning set	-295 Jul 22 j 11:49	15°♋49'48		
	-295 Jul 29 j 14:59	0°♌		
superior conj	-295 Jul 30 j 17:15	2°♌08'03	1°47'15	
minimum elong	-295 Jul 30 j 17:33	2°♌09'33	1°47'15	
max. Earth dist.	-295 Aug 06 j 03:03	14°♌13'28	1.38192 AU	
evening rise	-295 Aug 09 j 22:16	21°♌01'34		
	-295 Aug 15 j 04:39	0°♍		
desc. node	-295 Aug 22 j 04:07	11°♍08'17		
	-295 Sep 04 j 09:37	0°♎		
evening max el	-295 Sep 14 j 15:52	11°♎57'17	24°54'10	
retrograde	-295 Sep 26 j 07:30	18°♎43'37		
evening set	-295 Oct 01 j 23:45	16°♎19'45		
min. Earth dist.	-295 Oct 06 j 13:02	11°♎09'54	0.67247 AU	
inferior conj	-295 Oct 07 j 10:29	9°♎59'03	-0°38'14	
minimum elong	-295 Oct 07 j 11:26	9°♎55'56	0°37'50	
asc. node	-295 Oct 09 j 06:51	7°♎36'17		
morning rise	-295 Oct 12 j 23:12	3°♎57'33		
direct	-295 Oct 16 j 13:14	2°♎43'26		
morning max el	-295 Oct 24 j 01:56	7°♎02'13	19°54'19	
	-295 Nov 09 j 22:37	0°♏		
desc. node	-295 Nov 18 j 03:24	12°♏32'10		
morning set	-295 Nov 19 j 02:33	14°♏01'35		
	-295 Nov 29 j 07:36	0°♐		
max. Earth dist.	-295 Nov 30 j 18:55	2°♐20'21	1.44043 AU	
superior conj	-295 Dec 05 j 16:54	10°♐14'43	-1°39'29	
minimum elong	-295 Dec 05 j 09:32	9°♐44'49	1°38'53	
	-295 Dec 17 j 13:50	0°♑		
evening rise	-295 Dec 19 j 01:47	2°♑33'10		
asc. node	-294 Jan 05 j 06:07	29°♑32'36		
	-294 Jan 05 j 16:02	0°♒		
evening max el	-294 Jan 06 j 07:05	0°♒39'26	18°15'09	
retrograde	-294 Jan 12 j 18:52	4°♒08'42		
evening set	-294 Jan 15 j 16:23	3°♒24'41		
	-294 Jan 19 j 23:42	30°℞♑		
inferior conj	-294 Jan 21 j 19:11	28°♑03'56	3°48'19	
minimum elong	-294 Jan 21 j 18:01	28°♑07'07	3°48'14	
min. Earth dist.	-294 Jan 24 j 07:06	25°♑19'57	0.63353 AU	
morning rise	-294 Jan 27 j 18:55	22°♑02'44		
direct	-294 Feb 03 j 18:40	19°♑17'41		
desc. node	-294 Feb 14 j 02:33	23°♑58'40		
morning max el	-294 Feb 17 j 14:10	27°♑08'51	27°41'34	
	-294 Feb 20 j 07:12	0°♒		
	-294 Mar 13 j 05:35	0°♓		
morning set	-294 Mar 24 j 00:36	20°♓02'53		
	-294 Mar 28 j 20:46	0°♈		
max. Earth dist.	-294 Mar 29 j 07:45	0°♈58'01	1.33069 AU	
superior conj	-294 Mar 31 j 17:18	6°♈04'59	-0°26'12	
minimum elong	-294 Mar 31 j 18:33	6°♈11'42	0°25'56	
asc. node	-294 Apr 03 j 05:27	11°♈29'17		
evening rise	-294 Apr 07 j 19:21	21°♈18'19		
	-294 Apr 12 j 01:12	0°♉		
evening max el	-294 Apr 30 j 20:02	28°♉11'22	23°15'23	
	-294 May 02 j 20:19	0°♊		
desc. node	-294 May 13 j 01:46	4°♊51'37		
retrograde	-294 May 14 j 08:07	4°♊55'15		
evening set	-294 May 17 j 23:03	4°♊26'26		
min. Earth dist.	-294 May 25 j 05:55	1°♊08'48	0.55761 AU	
inferior conj	-294 May 27 j 02:18	0°♊03'36	-3°35'54	
minimum elong	-294 May 26 j 19:15	0°♊14'00	3°34'13	
	-294 May 27 j 04:45	30°℞♉		
morning rise	-294 Jun 04 j 18:09	26°♉08'37		
direct	-294 Jun 07 j 10:53	25°♉51'00		
	-294 Jun 17 j 05:06	0°♊		
morning max el	-294 Jun 18 j 01:39	0°♊45'41	20°23'19	
asc. node	-294 Jun 30 j 04:43	17°♊44'56		
morning set	-294 Jul 06 j 16:55	0°♋24'58		
	-294 Jul 06 j 12:01	0°♋		
superior conj	-294 Jul 14 j 08:50	16°♋08'08	1°44'27	
minimum elong	-294 Jul 14 j 07:33	16°♋01'39	1°44'24	
max. Earth dist.	-294 Jul 19 j 08:58	26°♋03'02	1.36325 AU	
	-294 Jul 21 j 10:38	0°♌		
evening rise	-294 Jul 23 j 08:57	3°♌35'53		
	-294 Aug 08 j 03:34	0°♍		
desc. node	-294 Aug 09 j 01:08	1°♍20'57		
evening max el	-294 Aug 28 j 03:15	25°♍33'18	26°03'10	
	-294 Sep 02 j 10:47	0°♎		
retrograde	-294 Sep 09 j 15:42	2°♎40'43		
evening set	-294 Sep 15 j 22:19	0°♎02'41		
	-294 Sep 15 j 23:35	30°℞♍		
min. Earth dist.	-294 Sep 20 j 03:40	25°♍29'16	0.66564 AU	
inferior conj	-294 Sep 21 j 12:28	23°♍46'41	-1°34'13	
minimum elong	-294 Sep 21 j 14:51	23°♍39'14	1°33'14	
asc. node	-294 Sep 26 j 03:56	18°♍43'35		
morning rise	-294 Sep 27 j 07:41	17°♍54'42		
direct	-294 Sep 30 j 11:33	16°♍57'20		
morning max el	-294 Oct 07 j 09:35	20°♍49'59	18°59'01	
	-294 Oct 14 j 15:12	0°♎		
morning set	-294 Oct 29 j 12:20	22°♎55'57		
	-294 Nov 03 j 00:15	0°♏		
desc. node	-294 Nov 05 j 00:26	3°♏09'05		
max. Earth dist.	-294 Nov 13 j 11:10	16°♏25'15	1.44868 AU	
superior conj	-294 Nov 15 j 00:39	18°♏52'54	-1°02'30	
minimum elong	-294 Nov 14 j 17:13	18°♏23'35	1°01'37	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-294 Nov 22 j 00:48	0°♐	
evening rise	-294 Nov 30 j 06:20	13°♐16'22	
	-294 Dec 10 j 14:19	0°♑	
evening max el	-294 Dec 20 j 18:44	14°♑02'36	18°40'57
asc. node	-294 Dec 23 j 03:12	16°♑07'27	
retrograde	-294 Dec 27 j 11:08	17°♑46'46	
evening set	-294 Dec 30 j 13:52	16°♑51'52	
inferior conj	-293 Jan 05 j 08:57	11°♑13'18	3°30'37
minimum elong	-293 Jan 05 j 06:36	11°♑20'24	3°30'14
min. Earth dist.	-293 Jan 07 j 05:35	8°♑58'55	0.64957 AU
morning rise	-293 Jan 10 j 22:55	5°♑05'38	
direct	-293 Jan 17 j 16:46	2°♑13'16	
morning max el	-293 Jan 30 j 23:47	9°♑57'22	27°05'38
desc. node	-293 Jan 31 j 23:36	10°♑58'13	
	-293 Feb 15 j 19:26	0°♒	
	-293 Mar 05 j 15:32	0°♓	
morning set	-293 Mar 07 j 14:17	3°♓43'13	
max. Earth dist.	-293 Mar 12 j 04:19	12°♓49'16	1.34050 AU
superior conj	-293 Mar 15 j 20:38	20°♓25'53	-0°52'51
minimum elong	-293 Mar 15 j 23:09	20°♓39'03	0°52'22
	-293 Mar 20 j 09:14	0°♈	
asc. node	-293 Mar 21 j 02:30	1°♈31'25	
evening rise	-293 Mar 23 j 05:49	6°♈01'09	
	-293 Apr 05 j 08:32	0°♉	
evening max el	-293 Apr 12 j 15:17	8°♉53'28	21°42'25
retrograde	-293 Apr 25 j 00:35	14°♉55'56	
evening set	-293 Apr 27 j 13:10	14°♉41'36	
desc. node	-293 Apr 29 j 22:47	14°♉03'15	
inferior conj	-293 May 06 j 23:03	10°♉38'47	-1°58'07
minimum elong	-293 May 06 j 17:41	10°♉46'19	1°56'19
min. Earth dist.	-293 May 06 j 18:57	10°♉44'33	0.55031 AU
morning rise	-293 May 15 j 23:07	6°♉41'19	
direct	-293 May 18 j 22:50	6°♉21'38	
morning max el	-293 May 31 j 05:13	12°♉08'47	21°50'21
	-293 Jun 13 j 06:20	0°♊	
asc. node	-293 Jun 17 j 01:47	7°♊06'54	
morning set	-293 Jun 21 j 02:10	15°♊14'17	
superior conj	-293 Jun 28 j 09:18	0°♋36'05	1°35'00
minimum elong	-293 Jun 28 j 07:06	0°♋24'33	1°34'48
	-293 Jun 28 j 02:24	0°♋	
max. Earth dist.	-293 Jul 01 j 22:56	7°♋58'16	1.34775 AU
evening rise	-293 Jul 06 j 12:40	17°♋01'39	
	-293 Jul 13 j 14:06	0°♌	
desc. node	-293 Jul 26 j 22:09	21°♌10'47	
	-293 Aug 02 j 11:50	0°♍	
evening max el	-293 Aug 10 j 15:07	9°♍05'30	26°55'06
retrograde	-293 Aug 23 j 18:45	16°♍23'20	
evening set	-293 Aug 30 j 13:46	13°♍37'54	
min. Earth dist.	-293 Sep 03 j 11:54	9°♍41'34	0.65529 AU
inferior conj	-293 Sep 05 j 09:02	7°♍30'27	-2°29'16
minimum elong	-293 Sep 05 j 12:44	7°♍19'41	2°27'55
morning rise	-293 Sep 11 j 12:17	1°♍50'59	
asc. node	-293 Sep 13 j 00:59	1°♍16'08	
direct	-293 Sep 14 j 08:25	1°♍06'39	
morning max el	-293 Sep 20 j 22:26	4°♍42'12	18°19'52
	-293 Oct 08 j 02:14	0°♎	
morning set	-293 Oct 10 j 01:38	3°♎13'33	
desc. node	-293 Oct 22 j 21:29	23°♎52'35	
superior conj	-293 Oct 25 j 01:28	27°♎18'15	-0°14'11
minimum elong	-293 Oct 24 j 23:37	27°♎10'56	0°13'56
behind sun begin	-293 Oct 24 j 17:48	26°♎47'57	
behind sun end	-293 Oct 25 j 05:26	27°♎33'53	
	-293 Oct 26 j 18:30	0°♏	
max. Earth dist.	-293 Oct 27 j 05:32	0°♏43'26	1.44974 AU
evening rise	-293 Nov 10 j 11:07	23°♏01'19	
	-293 Nov 14 j 22:07	0°♐	
greatest brilliancy	-293 Nov 21 j 13:20	10°♐17'58	-0.7m
evening max el	-293 Dec 04 j 03:15	27°♐29'26	19°23'47
	-293 Dec 06 j 23:38	0°♑	
asc. node	-293 Dec 10 j 00:15	1°♑28'07	
retrograde	-293 Dec 11 j 07:19	1°♑37'30	
evening set	-293 Dec 14 j 16:52	0°♑30'03	
	-293 Dec 15 j 09:30	30°℞♐	
inferior conj	-293 Dec 20 j 06:36	24°♐36'17	3°00'57
minimum elong	-293 Dec 20 j 03:48	24°♐45'22	3°00'13
min. Earth dist.	-293 Dec 21 j 12:45	22°♐58'58	0.66183 AU
morning rise	-293 Dec 25 j 14:28	18°♐24'47	
direct	-293 Dec 31 j 21:00	15°♐38'33	
morning max el	-292 Jan 13 j 09:07	23°♐02'25	26°02'52
desc. node	-292 Jan 18 j 20:40	29°♐08'22	
	-292 Jan 19 j 13:38	0°♑	
	-292 Feb 09 j 03:06	0°♒	
morning set	-292 Feb 18 j 14:26	16°♒38'28	
max. Earth dist.	-292 Feb 22 j 12:57	24°♒06'11	1.35488 AU
	-292 Feb 25 j 12:59	0°♓	
superior conj	-292 Feb 27 j 16:47	4°♓20'27	-1°18'08
minimum elong	-292 Feb 27 j 20:17	4°♓38'13	1°17'35
evening rise	-292 Mar 06 j 12:58	20°♓28'13	
asc. node	-292 Mar 06 j 23:33	21°♓22'16	
	-292 Mar 11 j 07:52	0°♈	
evening max el	-292 Mar 24 j 20:34	20°♈05'46	20°21'32
retrograde	-292 Apr 04 j 14:06	25°♈14'56	
evening set	-292 Apr 06 j 17:15	25°♈03'36	
inferior conj	-292 Apr 15 j 18:43	21°♈05'48	0°00'47
minimum elong	-292 Apr 15 j 18:45	21°♈05'45	0°00'47
transit middle	-292 Apr 15 j 18:45	21°♈05'45	0°00'47
transit begin	-292 Apr 15 j 14:43	21°♈11'40	
transit end	-292 Apr 15 j 22:47	20°♈59'49	
desc. node	-292 Apr 15 j 19:49	21°♈04'10	
min. Earth dist.	-292 Apr 17 j 08:42	20°♈10'07	0.55257 AU
morning rise	-292 Apr 24 j 18:42	16°♈47'24	
direct	-292 Apr 28 j 11:23	16°♈17'41	
morning max el	-292 May 11 j 23:41	22°♈54'49	23°29'19
	-292 May 18 j 06:21	0°♉	
asc. node	-292 Jun 02 j 22:49	26°♉49'28	
	-292 Jun 04 j 11:30	0°♊	
morning set	-292 Jun 04 j 13:36	0°♊11'01	
superior conj	-292 Jun 11 j 15:36	15°♊21'34	1°20'20
minimum elong	-292 Jun 11 j 13:05	15°♊08'07	1°20'00
max. Earth dist.	-292 Jun 13 j 22:35	20°♊14'41	1.33611 AU
	-292 Jun 18 j 15:52	0°♋	
evening rise	-292 Jun 19 j 04:44	1°♋04'25	
	-292 Jul 05 j 13:00	0°♌	
desc. node	-292 Jul 12 j 19:10	10°♌26'58	
evening max el	-292 Jul 23 j 02:33	22°♌22'32	27°22'42
retrograde	-292 Aug 05 j 15:58	29°♌42'16	
evening set	-292 Aug 12 j 19:11	26°♌59'24	
min. Earth dist.	-292 Aug 16 j 11:29	23°♌38'13	0.64130 AU
inferior conj	-292 Aug 18 j 21:43	21°♌04'21	-3°20'51
minimum elong	-292 Aug 19 j 02:19	20°♌52'12	3°19'31
morning rise	-292 Aug 25 j 10:21	15°♌40'42	
direct	-292 Aug 28 j 01:16	15°♌05'53	
asc. node	-292 Aug 29 j 22:02	15°♌23'42	
morning max el	-292 Sep 03 j 13:49	18°♌32'35	17°57'55
	-292 Sep 11 j 22:54	0°♍	
morning set	-292 Sep 20 j 18:21	14°♍50'48	
	-292 Sep 29 j 17:55	0°♎	
superior conj	-292 Oct 03 j 17:01	6°♎30'14	0°33'03

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-292 Oct 03 j 20:36	6°♎44'45	0°32'34	
desc. node	-292 Oct 08 j 18:31	14°♎39'03		
max. Earth dist.	-292 Oct 08 j 23:24	14°♎58'27	1.44350 AU	
	-292 Oct 18 j 13:33	0°♏		
evening rise	-292 Oct 19 j 21:50	2°♏04'33		
	-292 Nov 07 j 13:51	0°♐		
evening max el	-292 Nov 16 j 06:56	10°♐57'45	20°21'41	
retrograde	-292 Nov 24 j 04:52	15°♐37'16		
asc. node	-292 Nov 25 j 21:16	15°♐21'07		
evening set	-292 Nov 27 j 23:09	14°♐15'18		
inferior conj	-292 Dec 03 j 09:29	8°♐09'13	2°22'27	
minimum elong	-292 Dec 03 j 06:49	8°♐18'13	2°21'33	
min. Earth dist.	-292 Dec 04 j 02:38	7°♐11'17	0.67025 AU	
morning rise	-292 Dec 08 j 14:17	1°♐55'57		
	-292 Dec 11 j 12:10	30°℞♏		
direct	-292 Dec 14 j 06:31	29°♏25'35		
	-292 Dec 17 j 05:26	0°♐		
morning max el	-292 Dec 25 j 17:30	6°♐15'13	24°42'46	
desc. node	-291 Jan 04 j 17:43	18°♐08'41		
	-291 Jan 13 j 04:11	0°♑		
morning set	-291 Jan 30 j 19:39	28°♑33'15		
	-291 Jan 31 j 15:14	0°♒		
max. Earth dist.	-291 Feb 03 j 11:36	5°♒08'35	1.37341 AU	
superior conj	-291 Feb 10 j 02:36	17°♒39'55	-1°40'02	
minimum elong	-291 Feb 10 j 06:23	17°♒58'23	1°39'37	
	-291 Feb 16 j 07:58	0°♓		
evening rise	-291 Feb 18 j 14:35	4°♓33'03		
asc. node	-291 Feb 21 j 20:35	10°♓56'50		
	-291 Mar 05 j 16:56	0°♈		
evening max el	-291 Mar 07 j 12:59	1°♈56'02	19°18'30	
retrograde	-291 Mar 16 j 14:13	6°♈16'57		
evening set	-291 Mar 18 j 19:08	6°♈02'36		
inferior conj	-291 Mar 27 j 03:06	1°♈53'53	1°47'14	
minimum elong	-291 Mar 27 j 07:01	1°♈47'23	1°46'01	
min. Earth dist.	-291 Mar 29 j 23:31	0°♈00'55	0.56383 AU	
	-291 Mar 30 j 00:06	30°℞♓		
desc. node	-291 Apr 02 j 16:50	27°♓53'21		
morning rise	-291 Apr 04 j 16:05	27°♓03'37		
direct	-291 Apr 09 j 10:25	26°♓11'33		
	-291 Apr 19 j 13:15	0°♈		
morning max el	-291 Apr 23 j 14:19	3°♈24'49	25°08'27	
	-291 May 12 j 09:43	0°♉		
morning set	-291 May 20 j 01:34	15°♉09'58		
asc. node	-291 May 20 j 19:52	16°♉46'45		
	-291 May 26 j 22:18	0°♊		
superior conj	-291 May 27 j 01:28	0°♊17'18	1°01'35	
minimum elong	-291 May 26 j 23:11	0°♊04'48	1°01'11	
max. Earth dist.	-291 May 28 j 06:10	2°♊53'27	1.32835 AU	
evening rise	-291 Jun 03 j 05:30	15°♊33'09		
	-291 Jun 10 j 15:59	0°♋		
desc. node	-291 Jun 29 j 16:10	28°♋55'23		
	-291 Jun 30 j 14:03	0°♌		
evening max el	-291 Jul 05 j 11:14	5°♌10'44	27°20'01	
retrograde	-291 Jul 19 j 06:33	12°♌28'36		
evening set	-291 Jul 26 j 10:52	10°♌00'56		
min. Earth dist.	-291 Jul 30 j 00:50	7°♌07'54	0.62390 AU	
inferior conj	-291 Aug 01 j 23:37	4°♌21'25	-4°05'01	
minimum elong	-291 Aug 02 j 04:07	4°♌10'45	4°04'06	
	-291 Aug 07 j 09:56	30°℞♋		
morning rise	-291 Aug 08 j 22:40	29°♋17'03		
direct	-291 Aug 11 j 10:51	28°♋48'56		
	-291 Aug 15 j 09:10	0°♌		
asc. node	-291 Aug 16 j 19:04	0°♌59'15		
morning max el	-291 Aug 18 j 05:00	2°♌14'52	17°54'06	
morning set	-291 Sep 03 j 08:44	27°♌30'07		
	-291 Sep 04 j 18:10	0°♍		
superior conj	-291 Sep 14 j 11:06	17°♍01'04	1°09'51	
minimum elong	-291 Sep 14 j 16:08	17°♍22'32	1°09'16	
max. Earth dist.	-291 Sep 21 j 13:48	28°♍51'57	1.43078 AU	
	-291 Sep 22 j 06:33	0°♎		
desc. node	-291 Sep 25 j 15:32	5°♎25'10		
evening rise	-291 Sep 29 j 05:37	11°♎04'17		
	-291 Oct 11 j 17:27	0°♏		
evening max el	-291 Oct 30 j 04:46	24°♏26'04	21°31'41	
retrograde	-291 Nov 08 j 01:47	29°♏42'40		
evening set	-291 Nov 12 j 06:49	28°♏04'14		
asc. node	-291 Nov 12 j 18:17	27°♏40'24		
inferior conj	-291 Nov 17 j 15:23	21°♏49'06	1°37'17	
minimum elong	-291 Nov 17 j 13:20	21°♏56'11	1°36'29	
min. Earth dist.	-291 Nov 17 j 20:58	21°♏29'48	0.67507 AU	
morning rise	-291 Nov 22 j 19:41	15°♏36'00		
direct	-291 Nov 27 j 20:36	13°♏26'48		
morning max el	-291 Dec 08 j 02:39	19°♏32'35	23°15'19	
	-291 Dec 16 j 22:45	0°♐		
desc. node	-291 Dec 22 j 14:46	7°♐44'17		
	-290 Jan 06 j 09:00	0°♑		
morning set	-290 Jan 11 j 23:35	9°♑10'37		
max. Earth dist.	-290 Jan 16 j 06:53	16°♑31'07	1.39441 AU	
superior conj	-290 Jan 23 j 21:53	0°♒12'31	-1°55'45	
minimum elong	-290 Jan 24 j 00:39	0°♒25'17	1°55'36	
	-290 Jan 23 j 19:11	0°♒		
evening rise	-290 Feb 02 j 07:52	18°♒07'43		
asc. node	-290 Feb 08 j 17:36	0°♓08'26		
	-290 Feb 08 j 15:43	0°♓		
evening max el	-290 Feb 18 j 14:43	14°♓19'55	18°35'17	
retrograde	-290 Feb 26 j 08:40	18°♓07'02		
evening set	-290 Feb 28 j 18:25	17°♓46'24		
inferior conj	-290 Mar 08 j 07:36	13°♓18'53	3°00'53	
minimum elong	-290 Mar 08 j 11:42	13°♓10'55	2°59'59	
min. Earth dist.	-290 Mar 11 j 17:09	10°♓41'54	0.58153 AU	
morning rise	-290 Mar 16 j 02:16	7°♓57'58		
desc. node	-290 Mar 20 j 13:53	6°♓36'14		
direct	-290 Mar 21 j 22:49	6°♓31'27		
morning max el	-290 Apr 05 j 07:12	14°♓06'43	26°32'33	
	-290 Apr 17 j 22:57	0°♈		
	-290 May 04 j 11:30	0°♉		
morning set	-290 May 04 j 12:24	0°♉04'42		
asc. node	-290 May 07 j 16:54	6°♉52'53		
superior conj	-290 May 11 j 13:01	15°♉16'21	0°39'37	
minimum elong	-290 May 11 j 11:22	15°♉07'17	0°39'17	
max. Earth dist.	-290 May 11 j 18:08	15°♉44'27	1.32419 AU	
	-290 May 18 j 08:39	0°♊		
evening rise	-290 May 18 j 12:05	0°♊17'54		
	-290 Jun 03 j 19:41	0°♋		
desc. node	-290 Jun 16 j 13:09	16°♋16'16		
evening max el	-290 Jun 17 j 14:26	17°♋18'09	26°44'23	
retrograde	-290 Jul 01 j 13:51	24°♋33'56		
evening set	-290 Jul 08 j 08:30	22°♋35'01		
min. Earth dist.	-290 Jul 12 j 03:56	19°♋56'35	0.60392 AU	
inferior conj	-290 Jul 15 j 11:17	17°♋13'15	-4°35'27	
minimum elong	-290 Jul 15 j 14:03	17°♋07'31	4°35'10	
morning rise	-290 Jul 22 j 21:30	12°♋30'56		
direct	-290 Jul 25 j 09:05	12°♋07'28		
morning max el	-290 Aug 01 j 17:03	15°♋42'13	18°09'25	
asc. node	-290 Aug 03 j 16:07	17°♋48'44		
	-290 Aug 11 j 16:26	0°♌		
morning set	-290 Aug 17 j 15:07	10°♌55'45		
superior conj	-290 Aug 27 j 07:29	28°♌50'16	1°33'29	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-290 Aug 27 j 11:10	29°♌06'48	1°33'12
	-290 Aug 27 j 23:03	0°♍	
max. Earth dist.	-290 Sep 03 j 22:26	12°♍06'57	1.41326 AU
evening rise	-290 Sep 09 j 04:03	20°♍46'01	
desc. node	-290 Sep 12 j 12:32	26°♍07'46	
	-290 Sep 14 j 23:53	0°♎	
	-290 Oct 06 j 00:06	0°♏	
evening max el	-290 Oct 12 j 21:09	7°♏55'32	22°49'37
retrograde	-290 Oct 22 j 20:34	13°♏51'04	
evening set	-290 Oct 27 j 14:11	11°♏54'54	
asc. node	-290 Oct 30 j 15:19	8°♏39'36	
inferior conj	-290 Nov 01 j 22:28	5°♏34'23	0°47'11
minimum elong	-290 Nov 01 j 21:23	5°♏38'08	0°46'43
min. Earth dist.	-290 Nov 01 j 17:28	5°♏51'39	0.67654 AU
	-290 Nov 06 j 11:52	30℞♎	
morning rise	-290 Nov 07 j 04:30	29°♎23'37	
direct	-290 Nov 11 j 14:36	27°♎37'00	
	-290 Nov 17 j 08:31	0°♏	
morning max el	-290 Nov 20 j 15:53	2°♏56'56	21°49'39
desc. node	-290 Dec 09 j 11:49	27°♏45'30	
	-290 Dec 11 j 00:05	0°♐	
morning set	-290 Dec 22 j 22:26	18°♐24'37	
max. Earth dist.	-290 Dec 29 j 05:57	28°♐41'50	1.41513 AU
	-290 Dec 30 j 00:42	0°♑	
superior conj	-289 Jan 05 j 21:37	11°♑46'26	-2°01'28
minimum elong	-289 Jan 05 j 21:20	11°♑45'12	2°01'29
	-289 Jan 15 j 23:26	0°♒	
evening rise	-289 Jan 16 j 13:32	1°♒05'01	
asc. node	-289 Jan 26 j 14:38	18°♒50'03	
evening max el	-289 Feb 01 j 23:01	27°♒10'37	18°12'07
	-289 Feb 05 j 21:13	0°♓	
retrograde	-289 Feb 08 j 21:06	0°♓39'46	
evening set	-289 Feb 11 j 11:35	0°♓10'56	
	-289 Feb 11 j 22:44	30℞♒	
inferior conj	-289 Feb 18 j 08:42	25°♒22'32	3°39'56
minimum elong	-289 Feb 18 j 10:50	25°♒17'44	3°39'42
min. Earth dist.	-289 Feb 21 j 16:24	22°♒24'03	0.60227 AU
morning rise	-289 Feb 25 j 08:07	19°♒39'56	
direct	-289 Mar 03 j 23:34	17°♒35'22	
desc. node	-289 Mar 07 j 10:57	18°♒07'29	
morning max el	-289 Mar 18 j 05:54	25°♒22'39	27°27'49
	-289 Mar 22 j 12:41	0°♓	
	-289 Apr 11 j 06:56	0°♈	
morning set	-289 Apr 18 j 20:22	14°♈49'02	
asc. node	-289 Apr 24 j 13:57	27°♈03'26	
max. Earth dist.	-289 Apr 25 j 06:45	28°♈35'11	1.32365 AU
	-289 Apr 25 j 22:14	0°♉	
superior conj	-289 Apr 26 j 00:34	0°♉12'47	0°15'14
minimum elong	-289 Apr 25 j 23:53	0°♉09'02	0°15'05
behind sun begin	-289 Apr 25 j 22:22	0°♉00'41	
behind sun end	-289 Apr 26 j 01:24	0°♉17'23	
evening rise	-289 May 02 j 22:12	15°♉11'00	
	-289 May 10 j 08:38	0°♊	
evening max el	-289 May 30 j 10:50	28°♊40'18	25°38'09
	-289 May 31 j 21:36	0°♋	
desc. node	-289 Jun 03 j 10:10	2°♋01'37	
retrograde	-289 Jun 13 j 12:11	5°♋52'00	
evening set	-289 Jun 19 j 07:56	4°♋31'30	
min. Earth dist.	-289 Jun 23 j 23:03	1°♋49'31	0.58338 AU
	-289 Jun 26 j 12:33	30℞♊	
inferior conj	-289 Jun 27 j 05:09	29°♊30'01	-4°42'22
minimum elong	-289 Jun 27 j 04:07	29°♊31'53	4°42'19
morning rise	-289 Jul 05 j 02:53	25°♊10'03	
direct	-289 Jul 07 j 15:28	24°♊49'51	
morning max el	-289 Jul 15 j 22:53	28°♊45'11	18°44'58
	-289 Jul 17 j 04:34	0°♋	
asc. node	-289 Jul 21 j 13:12	5°♋36'29	
morning set	-289 Aug 01 j 08:54	24°♋55'14	
	-289 Aug 03 j 23:16	0°♌	
superior conj	-289 Aug 10 j 00:52	11°♌42'15	1°45'08
minimum elong	-289 Aug 10 j 02:21	11°♌49'17	1°45'05
max. Earth dist.	-289 Aug 17 j 02:03	24°♌37'04	1.39337 AU
	-289 Aug 20 j 04:09	0°♍	
evening rise	-289 Aug 21 j 02:36	1°♍35'53	
desc. node	-289 Aug 30 j 09:32	16°♍42'41	
	-289 Sep 08 j 07:10	0°♎	
evening max el	-289 Sep 25 j 09:56	21°♎27'51	24°09'50
retrograde	-289 Oct 06 j 11:54	27°♎58'22	
evening set	-289 Oct 11 j 19:34	25°♎44'22	
min. Earth dist.	-289 Oct 16 j 13:40	20°♎14'11	0.67486 AU
inferior conj	-289 Oct 17 j 04:59	19°♎22'27	-0°06'24
minimum elong	-289 Oct 17 j 05:08	19°♎21'56	0°06'20
transit middle	-289 Oct 17 j 05:08	19°♎21'56	0°06'20
transit begin	-289 Oct 17 j 02:38	19°♎30'25	
transit end	-289 Oct 17 j 07:39	19°♎13'26	
asc. node	-289 Oct 17 j 12:24	18°♎57'27	
morning rise	-289 Oct 22 j 14:43	13°♎16'32	
direct	-289 Oct 26 j 11:30	11°♎51'17	
morning max el	-289 Nov 03 j 11:52	16°♎30'10	20°32'41
	-289 Nov 14 j 03:52	0°♏	
desc. node	-289 Nov 26 j 08:52	18°♏04'29	
morning set	-289 Dec 01 j 22:36	26°♏38'35	
	-289 Dec 04 j 02:19	0°♐	
max. Earth dist.	-289 Dec 11 j 12:13	11°♐45'57	1.43270 AU
superior conj	-289 Dec 17 j 20:27	22°♐09'30	-1°52'40
minimum elong	-289 Dec 17 j 15:27	21°♐48'42	1°52'24
	-289 Dec 22 j 12:04	0°♑	
evening rise	-289 Dec 30 j 03:27	13°♑16'08	
	-288 Jan 08 j 20:34	0°♒	
asc. node	-288 Jan 13 j 11:41	6°♒52'20	
evening max el	-288 Jan 16 j 10:52	10°♒19'57	18°08'39
retrograde	-288 Jan 22 j 23:41	13°♒45'20	
evening set	-288 Jan 25 j 18:36	13°♒07'09	
inferior conj	-288 Feb 01 j 03:10	7°♒58'03	3°51'18
minimum elong	-288 Feb 01 j 03:02	7°♒58'22	3°51'18
min. Earth dist.	-288 Feb 03 j 23:39	5°♒02'48	0.62279 AU
morning rise	-288 Feb 07 j 10:22	2°♒02'14	
	-288 Feb 11 j 04:55	30℞♑	
direct	-288 Feb 14 j 10:10	29°♑27'40	
	-288 Feb 17 j 18:41	0°♒	
desc. node	-288 Feb 22 j 08:01	2°♒14'29	
morning max el	-288 Feb 28 j 10:27	7°♒19'29	27°47'05
	-288 Mar 16 j 18:15	0°♓	
morning set	-288 Apr 01 j 23:25	29°♓16'02	
	-288 Apr 02 j 08:03	0°♈	
max. Earth dist.	-288 Apr 07 j 16:10	11°♈12'37	1.32692 AU
superior conj	-288 Apr 09 j 10:27	15°♈01'05	-0°10'49
minimum elong	-288 Apr 09 j 10:58	15°♈03'51	0°10'42
behind sun begin	-288 Apr 09 j 07:08	14°♈43'04	
behind sun end	-288 Apr 09 j 14:48	15°♈24'39	
asc. node	-288 Apr 10 j 11:00	17°♈14'27	
evening rise	-288 Apr 16 j 09:56	0°♉05'53	
	-288 Apr 16 j 08:49	0°♉	
	-288 May 03 j 02:43	0°♊	
evening max el	-288 May 11 j 02:15	9°♊27'21	24°10'21
desc. node	-288 May 20 j 07:12	15°♊36'20	
retrograde	-288 May 24 j 22:50	16°♊25'40	
evening set	-288 May 29 j 09:20	15°♊41'51	
min. Earth dist.	-288 Jun 04 j 13:34	12°♊40'35	0.56542 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-288 Jun 07 j 02:59	11°♊04'41	-4°13'10	
minimum elong	-288 Jun 06 j 21:25	11°♊13'27	4°12'14	
morning rise	-288 Jun 15 j 12:20	7°♊02'57		
direct	-288 Jun 18 j 03:07	6°♊44'48		
morning max el	-288 Jun 27 j 19:37	11°♊14'20	19°41'27	
asc. node	-288 Jul 07 j 10:16	24°♊09'21		
	-288 Jul 10 j 16:13	0°♋		
morning set	-288 Jul 15 j 10:42	9°♋19'56		
superior conj	-288 Jul 23 j 09:43	25°♋21'33	1°46'59	
minimum elong	-288 Jul 23 j 09:16	25°♋19'20	1°46'59	
	-288 Jul 25 j 18:33	0°♌		
max. Earth dist.	-288 Jul 29 j 05:31	6°♌35'13	1.37370 AU	
evening rise	-288 Aug 02 j 01:21	13°♌35'42		
	-288 Aug 11 j 17:36	0°♍		
desc. node	-288 Aug 16 j 06:33	7°♍05'21		
	-288 Sep 02 j 04:06	0°♎		
evening max el	-288 Sep 06 j 21:32	5°♎04'16	25°25'08	
retrograde	-288 Sep 18 j 22:48	12°♎00'44		
evening set	-288 Sep 24 j 21:10	9°♎30'35		
min. Earth dist.	-288 Sep 29 j 07:07	4°♎35'44	0.67001 AU	
inferior conj	-288 Sep 30 j 09:11	3°♎11'23	-1°01'57	
minimum elong	-288 Sep 30 j 10:44	3°♎06'21	1°01'16	
	-288 Oct 02 j 23:11	30°℞♍		
asc. node	-288 Oct 03 j 09:29	29°♍31'34		
morning rise	-288 Oct 06 j 00:26	27°♍13'15		
direct	-288 Oct 09 j 09:54	26°♍06'34		
	-288 Oct 16 j 10:14	0°♎		
morning max el	-288 Oct 16 j 15:28	0°♎13'05	19°28'46	
	-288 Nov 06 j 16:48	0°♏		
morning set	-288 Nov 09 j 21:59	4°♏58'58		
desc. node	-288 Nov 12 j 05:53	8°♏36'06		
max. Earth dist.	-288 Nov 23 j 01:43	25°♏34'30	1.44485 AU	
	-288 Nov 25 j 20:33	0°♐		
superior conj	-288 Nov 26 j 16:36	1°♐20'06	-1°25'48	
minimum elong	-288 Nov 26 j 08:24	0°♐47'20	1°24'59	
evening rise	-288 Dec 10 j 21:12	24°♐33'02		
	-288 Dec 14 j 03:20	0°♑		
evening max el	-288 Dec 29 j 23:23	23°♑40'03	18°24'02	
asc. node	-288 Dec 30 j 08:45	24°♑03'18		
retrograde	-287 Jan 05 j 12:03	27°♑14'03		
evening set	-287 Jan 08 j 11:44	26°♑25'27		
inferior conj	-287 Jan 14 j 10:56	20°♑56'57	3°42'31	
minimum elong	-287 Jan 14 j 09:11	21°♑02'00	3°42'18	
min. Earth dist.	-287 Jan 16 j 16:23	18°♑24'18	0.64084 AU	
morning rise	-287 Jan 20 j 06:04	14°♑52'57		
direct	-287 Jan 27 j 04:18	12°♑02'53		
desc. node	-287 Feb 08 j 05:05	18°♑21'04		
morning max el	-287 Feb 09 j 18:49	19°♑51'44	27°30'05	
	-287 Feb 18 j 11:46	0°♒		
	-287 Mar 09 j 17:55	0°♓		
morning set	-287 Mar 16 j 18:52	13°♓16'08		
max. Earth dist.	-287 Mar 21 j 18:30	23°♓23'41	1.33431 AU	
superior conj	-287 Mar 24 j 16:45	29°♓33'53	-0°37'34	
minimum elong	-287 Mar 24 j 18:33	29°♓43'28	0°37'12	
	-287 Mar 24 j 21:39	0°♈		
asc. node	-287 Mar 28 j 08:02	7°♈21'07		
evening rise	-287 Mar 31 j 21:22	14°♈55'04		
	-287 Apr 08 j 12:27	0°♉		
evening max el	-287 Apr 22 j 18:04	20°♉02'26	22°34'59	
retrograde	-287 May 05 j 20:27	26°♉30'15		
desc. node	-287 May 07 j 04:16	26°♉26'20		
evening set	-287 May 08 j 22:30	26°♉09'22		
min. Earth dist.	-287 May 17 j 02:13	22°♉37'05	0.55345 AU	
inferior conj	-287 May 18 j 06:30	21°♉56'50	-2°58'58	
minimum elong	-287 May 17 j 23:27	22°♉06'53	2°56'57	
morning rise	-287 May 27 j 02:28	18°♉02'59		
direct	-287 May 29 j 21:36	17°♉44'56		
morning max el	-287 Jun 10 j 05:18	23°♉01'10	20°58'18	
	-287 Jun 16 j 05:56	0°♊		
asc. node	-287 Jun 24 j 07:19	13°♊15'44		
morning set	-287 Jun 29 j 17:49	24°♊01'51		
	-287 Jul 02 j 14:52	0°♋		
superior conj	-287 Jul 07 j 05:27	9°♋34'21	1°41'09	
minimum elong	-287 Jul 07 j 03:42	9°♋25'21	1°41'03	
max. Earth dist.	-287 Jul 11 j 14:41	18°♋25'28	1.35626 AU	
evening rise	-287 Jul 15 j 19:53	26°♋33'25		
	-287 Jul 17 j 16:21	0°♌		
desc. node	-287 Aug 03 j 03:35	27°♌09'25		
	-287 Aug 05 j 02:46	0°♍		
evening max el	-287 Aug 20 j 09:21	18°♍40'30	26°27'49	
retrograde	-287 Sep 02 j 04:42	25°♍52'40		
evening set	-287 Sep 08 j 17:00	23°♍10'41		
min. Earth dist.	-287 Sep 12 j 19:17	18°♍53'04	0.66172 AU	
inferior conj	-287 Sep 14 j 09:08	16°♍58'07	-1°57'46	
minimum elong	-287 Sep 14 j 12:06	16°♍49'05	1°56'36	
morning rise	-287 Sep 20 j 07:34	11°♍11'01		
asc. node	-287 Sep 20 j 06:32	11°♍12'29		
direct	-287 Sep 23 j 07:58	10°♍19'29		
morning max el	-287 Sep 30 j 01:35	14°♍03'25	18°40'19	
	-287 Oct 11 j 16:07	0°♎		
morning set	-287 Oct 20 j 18:54	14°♎28'17		
desc. node	-287 Oct 30 j 02:55	29°♎16'32		
	-287 Oct 30 j 13:56	0°♏		
superior conj	-287 Nov 05 j 18:45	9°♏45'36	-0°42'41	
minimum elong	-287 Nov 05 j 13:14	9°♏23'56	0°41'59	
max. Earth dist.	-287 Nov 05 j 19:55	9°♏50'14	1.45009 AU	
	-287 Nov 18 j 14:21	0°♐		
evening rise	-287 Nov 21 j 15:36	4°♐51'46		
greatest brilliancy	-287 Nov 29 j 08:21	17°♐09'11	-0.8m	
	-287 Dec 07 j 18:06	0°♑		
evening max el	-287 Dec 13 j 10:00	7°♑05'51	18°57'10	
asc. node	-287 Dec 17 j 05:48	10°♑09'06		
retrograde	-287 Dec 20 j 06:23	10°♑58'55		
evening set	-287 Dec 23 j 11:54	9°♑58'42		
inferior conj	-287 Dec 29 j 04:26	4°♑13'08	3°19'17	
minimum elong	-287 Dec 29 j 01:48	4°♑21'20	3°18'44	
min. Earth dist.	-287 Dec 30 j 18:38	2°♑14'19	0.65528 AU	
	-286 Jan 01 j 16:33	30°℞♐		
morning rise	-286 Jan 03 j 15:25	28°♐03'44		
direct	-286 Jan 10 j 04:55	25°♐12'53		
	-286 Jan 20 j 03:46	0°♑		
morning max el	-286 Jan 23 j 04:36	2°♑49'19	26°41'46	
desc. node	-286 Jan 26 j 02:07	5°♑54'01		
	-286 Feb 12 j 17:55	0°♒		
morning set	-286 Feb 28 j 03:19	26°♒38'58		
	-286 Mar 01 j 21:12	0°♓		
max. Earth dist.	-286 Mar 04 j 10:25	5°♓01'12	1.34613 AU	
superior conj	-286 Mar 08 j 17:20	13°♓44'39	-1°03'50	
minimum elong	-286 Mar 08 j 20:19	14°♓00'06	1°03'18	
asc. node	-286 Mar 15 j 05:05	27°♓19'18		
evening rise	-286 Mar 16 j 06:41	29°♓32'22		
	-286 Mar 16 j 12:01	0°♈		
	-286 Apr 03 j 19:06	0°♉		
evening max el	-286 Apr 04 j 17:01	0°♉54'46	21°05'58	
retrograde	-286 Apr 16 j 10:05	6°♉35'11		
evening set	-286 Apr 18 j 16:57	6°♉23'00		
desc. node	-286 Apr 24 j 01:17	4°♉32'24		
inferior conj	-286 Apr 28 j 00:50	2°♉24'08	-1°08'12	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-286 Apr 27 j 21:37	2°♉28'41	1°07'03
min. Earth dist.	-286 Apr 28 j 15:04	2°♉04'02	0.55014 AU
	-286 May 02 j 12:22	30°℞♈	
morning rise	-286 May 07 j 02:15	28°♈20'18	
direct	-286 May 10 j 07:52	27°♈57'41	
	-286 May 17 j 16:28	0°♉	
morning max el	-286 May 23 j 04:28	4°♉06'23	22°31'37
	-286 Jun 09 j 18:29	0°♊	
asc. node	-286 Jun 11 j 04:20	2°♊47'10	
morning set	-286 Jun 14 j 04:10	8°♊54'54	
superior conj	-286 Jun 21 j 08:40	24°♊10'28	1°29'20
minimum elong	-286 Jun 21 j 06:16	23°♊57'45	1°29'04
	-286 Jun 24 j 03:18	0°♋	
max. Earth dist.	-286 Jun 24 j 08:56	0°♋29'09	1.34232 AU
evening rise	-286 Jun 29 j 05:17	10°♋15'48	
	-286 Jul 10 j 02:08	0°♌	
desc. node	-286 Jul 21 j 00:37	16°♌46'19	
	-286 Jul 31 j 18:29	0°♍	
evening max el	-286 Aug 02 j 21:05	2°♍07'05	27°10'10
retrograde	-286 Aug 16 j 05:09	9°♍26'20	
evening set	-286 Aug 23 j 04:32	6°♍40'17	
min. Earth dist.	-286 Aug 26 j 23:52	2°♍59'45	0.64979 AU
inferior conj	-286 Aug 29 j 02:37	0°♍37'58	-2°51'46
minimum elong	-286 Aug 29 j 06:47	0°♍26'19	2°50'23
	-286 Aug 29 j 16:15	30°℞♌	
morning rise	-286 Sep 04 j 09:44	25°♌05'05	
direct	-286 Sep 07 j 03:23	24°♌25'11	
asc. node	-286 Sep 07 j 03:34	24°♌25'11	
morning max el	-286 Sep 13 j 15:52	27°♌55'41	18°08'28
	-286 Sep 15 j 12:50	0°♍	
morning set	-286 Oct 01 j 20:21	25°♍21'26	
	-286 Oct 04 j 15:29	0°♎	
superior conj	-286 Oct 15 j 23:28	18°♎24'22	0°06'43
minimum elong	-286 Oct 16 j 00:18	18°♎27'42	0°06'36
behind sun begin	-286 Oct 15 j 14:21	17°♎47'59	
behind sun end	-286 Oct 16 j 10:16	19°♎07'21	
desc. node	-286 Oct 16 j 23:56	20°♎01'44	
max. Earth dist.	-286 Oct 19 j 14:46	24°♎10'35	1.44791 AU
	-286 Oct 23 j 07:38	0°♏	
evening rise	-286 Nov 01 j 11:28	14°♏16'05	
	-286 Nov 11 j 16:42	0°♐	
greatest brilliancy	-286 Nov 14 j 10:49	4°♐09'46	-0.7m
evening max el	-286 Nov 26 j 16:33	20°♐33'11	19°46'38
retrograde	-286 Dec 04 j 03:33	24°♐54'09	
asc. node	-286 Dec 04 j 02:50	24°♐54'09	
evening set	-286 Dec 07 j 16:33	23°♐40'43	
inferior conj	-286 Dec 13 j 04:35	17°♐41'02	2°45'33
minimum elong	-286 Dec 13 j 01:47	17°♐50'20	2°44'44
min. Earth dist.	-286 Dec 14 j 04:57	16°♐20'36	0.66585 AU
morning rise	-286 Dec 18 j 10:48	11°♐28'24	
direct	-286 Dec 24 j 11:20	8°♐48'14	
morning max el	-285 Jan 05 j 13:43	15°♐59'27	25°30'21
desc. node	-285 Jan 12 j 23:09	24°♐27'38	
	-285 Jan 17 j 04:26	0°♑	
	-285 Feb 05 j 15:27	0°♒	
morning set	-285 Feb 10 j 20:09	9°♒10'35	
max. Earth dist.	-285 Feb 14 j 14:27	16°♒09'06	1.36235 AU
superior conj	-285 Feb 20 j 09:27	27°♒25'03	-1°28'00
minimum elong	-285 Feb 20 j 13:12	27°♒43'45	1°27'28
	-285 Feb 21 j 16:23	0°♓	
evening rise	-285 Feb 28 j 11:45	13°♓50'45	
asc. node	-285 Mar 02 j 02:08	17°♓03'59	
	-285 Mar 08 j 23:39	0°♈	
evening max el	-285 Mar 18 j 02:58	12°♈22'32	19°52'18
retrograde	-285 Mar 28 j 03:05	17°♈10'22	
evening set	-285 Mar 30 j 05:54	16°♈58'25	
inferior conj	-285 Apr 08 j 00:29	12°♈57'15	0°49'12
minimum elong	-285 Apr 08 j 02:36	12°♈54'00	0°48'29
min. Earth dist.	-285 Apr 10 j 05:18	11°♈36'13	0.55632 AU
desc. node	-285 Apr 10 j 22:18	11°♈10'55	
morning rise	-285 Apr 16 j 21:00	8°♈25'38	
direct	-285 Apr 20 j 23:34	7°♈48'18	
morning max el	-285 May 04 j 20:44	14°♈43'11	24°12'27
	-285 May 16 j 20:44	0°♉	
asc. node	-285 May 29 j 01:23	22°♉37'01	
morning set	-285 May 29 j 16:01	23°♉53'41	
	-285 Jun 01 j 12:42	0°♊	
superior conj	-285 Jun 05 j 16:45	9°♊01'45	1°12'50
minimum elong	-285 Jun 05 j 14:17	8°♊48'22	1°12'27
max. Earth dist.	-285 Jun 07 j 12:08	12°♊55'16	1.33227 AU
evening rise	-285 Jun 13 j 01:25	24°♊31'07	
	-285 Jun 15 j 19:43	0°♋	
	-285 Jul 03 j 15:31	0°♌	
desc. node	-285 Jul 07 j 21:37	5°♌44'49	
evening max el	-285 Jul 16 j 07:27	15°♌13'10	27°25'30
retrograde	-285 Jul 29 j 23:54	22°♌33'18	
evening set	-285 Aug 06 j 04:40	19°♌54'54	
min. Earth dist.	-285 Aug 09 j 19:10	16°♌47'08	0.63423 AU
inferior conj	-285 Aug 12 j 11:06	14°♌05'57	-3°40'51
minimum elong	-285 Aug 12 j 15:49	13°♌54'02	3°39'38
morning rise	-285 Aug 19 j 04:06	8°♌50'25	
direct	-285 Aug 21 j 17:27	8°♌18'55	
asc. node	-285 Aug 25 j 00:35	9°♌12'05	
morning max el	-285 Aug 28 j 07:37	11°♌44'22	17°54'05
	-285 Sep 09 j 16:16	0°♍	
morning set	-285 Sep 13 j 23:03	7°♍27'29	
superior conj	-285 Sep 26 j 01:49	28°♍09'13	0°50'12
minimum elong	-285 Sep 26 j 06:29	28°♍28'36	0°49'36
	-285 Sep 27 j 04:38	0°♎	
max. Earth dist.	-285 Oct 02 j 07:00	8°♎17'08	1.43874 AU
desc. node	-285 Oct 03 j 20:58	10°♎48'52	
evening rise	-285 Oct 11 j 18:40	23°♎12'07	
	-285 Oct 16 j 05:06	0°♏	
	-285 Nov 06 j 04:33	0°♐	
evening max el	-285 Nov 09 j 17:44	4°♐01'32	20°50'08
retrograde	-285 Nov 18 j 01:10	8°♐56'49	
asc. node	-285 Nov 20 j 23:51	8°♐07'34	
evening set	-285 Nov 21 j 23:39	7°♐28'15	
inferior conj	-285 Nov 27 j 09:02	1°♐17'48	2°04'00
minimum elong	-285 Nov 27 j 06:35	1°♐26'12	2°03'07
min. Earth dist.	-285 Nov 27 j 21:10	0°♐36'18	0.67271 AU
	-285 Nov 28 j 07:50	30°℞♏	
morning rise	-285 Dec 02 j 13:19	25°♏04'04	
direct	-285 Dec 07 j 23:01	22°♏42'11	
morning max el	-285 Dec 18 j 22:08	29°♏14'42	24°05'48
	-285 Dec 19 j 15:47	0°♐	
desc. node	-285 Dec 30 j 20:12	13°♐44'41	
	-284 Jan 11 j 00:17	0°♑	
morning set	-284 Jan 23 j 15:25	20°♑34'54	
max. Earth dist.	-284 Jan 27 j 10:17	27°♑14'01	1.38217 AU
	-284 Jan 28 j 23:08	0°♒	
superior conj	-284 Feb 03 j 13:40	10°♒26'12	-1°47'40
minimum elong	-284 Feb 03 j 17:14	10°♒43'12	1°47'22
evening rise	-284 Feb 12 j 10:12	27°♒43'43	
	-284 Feb 13 j 14:00	0°♓	
asc. node	-284 Feb 16 j 23:10	6°♓29'47	
evening max el	-284 Feb 28 j 23:44	24°♓28'29	18°57'41
retrograde	-284 Mar 08 j 10:22	28°♓32'51	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-284 Mar 10 j 17:09	28°♓16'14	
inferior conj	-284 Mar 18 j 17:02	24°♓00'30	2°22'55
minimum elong	-284 Mar 18 j 21:25	23°♓52'43	2°21'43
min. Earth dist.	-284 Mar 21 j 21:23	21°♓46'09	0.57073 AU
morning rise	-284 Mar 26 j 22:40	18°♓56'07	
desc. node	-284 Mar 27 j 19:20	18°♓36'32	
direct	-284 Apr 01 j 04:43	17°♓50'14	
morning max el	-284 Apr 15 j 11:41	25°♓15'18	25°46'58
	-284 Apr 19 j 21:28	0°♈	
	-284 May 08 j 19:23	0°♉	
morning set	-284 May 13 j 03:41	8°♉51'43	
asc. node	-284 May 14 j 22:25	12°♉38'52	
superior conj	-284 May 20 j 03:34	24°♉00'09	0°52'38
minimum elong	-284 May 20 j 01:30	23°♉48'50	0°52'14
max. Earth dist.	-284 May 20 j 21:51	25°♉40'06	1.32607 AU
	-284 May 22 j 21:38	0°♊	
evening rise	-284 May 27 j 04:59	9°♊08'09	
	-284 Jun 07 j 04:23	0°♋	
desc. node	-284 Jun 23 j 18:37	23°♋47'55	
evening max el	-284 Jun 27 j 14:08	27°♋45'45	27°09'01
	-284 Jun 30 j 02:43	0°♌	
retrograde	-284 Jul 11 j 11:50	5°♌03'12	
evening set	-284 Jul 18 j 13:16	2°♌46'22	
min. Earth dist.	-284 Jul 22 j 04:18	0°♌01'18	0.61557 AU
	-284 Jul 22 j 04:54	30°℞♋	
inferior conj	-284 Jul 25 j 07:25	27°♋13'49	-4°20'10
minimum elong	-284 Jul 25 j 11:26	27°♋04'49	4°19'30
morning rise	-284 Aug 01 j 11:08	22°♋18'27	
direct	-284 Aug 03 j 22:40	21°♋52'38	
asc. node	-284 Aug 10 j 21:38	25°♋21'02	
morning max el	-284 Aug 10 j 21:50	25°♋21'30	17°58'10
	-284 Aug 14 j 19:17	0°♌	
morning set	-284 Aug 26 j 20:54	20°♌28'20	
	-284 Sep 01 j 02:29	0°♍	
superior conj	-284 Sep 06 j 07:31	9°♍14'33	1°21'28
minimum elong	-284 Sep 06 j 12:12	9°♍34'56	1°20'58
max. Earth dist.	-284 Sep 13 j 18:39	21°♍54'17	1.42379 AU
	-284 Sep 18 j 18:20	0°♎	
desc. node	-284 Sep 19 j 17:59	1°♎34'07	
evening rise	-284 Sep 20 j 06:49	2°♎24'59	
	-284 Oct 08 j 16:38	0°♏	
evening max el	-284 Oct 22 j 13:13	17°♏30'42	22°04'15
retrograde	-284 Oct 31 j 21:19	23°♏03'51	
evening set	-284 Nov 05 j 07:25	21°♏18'14	
asc. node	-284 Nov 06 j 20:53	19°♏50'00	
inferior conj	-284 Nov 10 j 15:42	15°♏00'33	1°16'34
minimum elong	-284 Nov 10 j 14:01	15°♏06'22	1°15'53
min. Earth dist.	-284 Nov 10 j 16:48	14°♏56'45	0.67609 AU
morning rise	-284 Nov 15 j 20:28	8°♏48'03	
direct	-284 Nov 20 j 15:03	6°♏48'10	
morning max el	-284 Nov 30 j 08:27	12°♏34'15	22°38'09
	-284 Dec 14 j 05:36	0°♐	
desc. node	-284 Dec 16 j 17:16	3°♐32'38	
	-283 Jan 02 j 22:06	0°♑	
morning set	-283 Jan 03 j 07:09	0°♑37'05	
max. Earth dist.	-283 Jan 08 j 06:12	8°♑54'20	1.40342 AU
superior conj	-283 Jan 16 j 01:26	22°♑36'37	-1°59'40
minimum elong	-283 Jan 16 j 03:10	22°♑44'30	1°59'38
	-283 Jan 20 j 01:59	0°♒	
evening rise	-283 Jan 25 j 23:03	11°♒04'06	
asc. node	-283 Feb 02 j 20:13	25°♒30'15	
	-283 Feb 05 j 14:42	0°♓	
evening max el	-283 Feb 11 j 04:48	7°♓06'14	18°23'02
retrograde	-283 Feb 18 j 12:40	10°♓43'22	
evening set	-283 Feb 21 j 00:39	10°♓19'17	
inferior conj	-283 Feb 28 j 06:36	5°♓43'06	3°21'17
minimum elong	-283 Feb 28 j 10:00	5°♓36'03	3°20'43
min. Earth dist.	-283 Mar 03 j 16:59	2°♓53'59	0.59022 AU
morning rise	-283 Mar 07 j 16:57	0°♓12'09	
	-283 Mar 08 j 02:12	30°℞♒	
direct	-283 Mar 13 j 23:00	28°♒29'01	
desc. node	-283 Mar 14 j 16:24	28°♒30'24	
	-283 Mar 20 j 00:17	0°♓	
morning max el	-283 Mar 28 j 06:38	6°♓09'52	27°00'06
	-283 Apr 14 j 23:56	0°♈	
morning set	-283 Apr 27 j 13:33	23°♈43'13	
	-283 Apr 30 j 12:30	0°♉	
asc. node	-283 May 01 j 19:30	2°♉47'55	
superior conj	-283 May 04 j 15:22	8°♉59'22	0°29'33
minimum elong	-283 May 04 j 14:05	8°♉52'21	0°29'16
max. Earth dist.	-283 May 04 j 10:37	8°♉33'20	1.32356 AU
evening rise	-283 May 11 j 13:23	23°♉58'10	
	-283 May 14 j 11:40	0°♊	
	-283 Jun 01 j 07:07	0°♋	
evening max el	-283 Jun 09 j 14:45	9°♋34'53	26°19'38
desc. node	-283 Jun 10 j 15:38	10°♋32'28	
retrograde	-283 Jun 23 j 15:17	16°♋48'33	
evening set	-283 Jun 30 j 01:47	15°♋05'40	
min. Earth dist.	-283 Jul 04 j 03:47	12°♋27'45	0.59515 AU
inferior conj	-283 Jul 07 j 11:57	9°♋52'18	-4°41'59
minimum elong	-283 Jul 07 j 13:20	9°♋49'35	4°41'54
morning rise	-283 Jul 15 j 02:59	5°♋19'14	
direct	-283 Jul 17 j 14:55	4°♋57'12	
morning max el	-283 Jul 25 j 07:31	8°♋39'12	18°21'56
asc. node	-283 Jul 28 j 18:43	12°♋36'56	
	-283 Aug 08 j 04:00	0°♌	
morning set	-283 Aug 10 j 08:36	4°♌09'47	
superior conj	-283 Aug 19 j 13:30	21°♌32'01	1°39'46
minimum elong	-283 Aug 19 j 16:16	21°♌44'43	1°39'36
	-283 Aug 24 j 06:18	0°♍	
max. Earth dist.	-283 Aug 27 j 01:11	4°♍51'18	1.40501 AU
evening rise	-283 Aug 31 j 15:00	12°♍34'09	
desc. node	-283 Sep 06 j 14:59	22°♍14'00	
	-283 Sep 11 j 16:05	0°♎	
	-283 Oct 04 j 03:55	0°♏	
evening max el	-283 Oct 05 j 03:55	1°♏01'35	23°23'57
retrograde	-283 Oct 15 j 14:36	7°♏12'05	
evening set	-283 Oct 20 j 14:08	5°♏08'16	
asc. node	-283 Oct 24 j 17:57	0°♏25'04	
	-283 Oct 25 j 01:22	30°℞♎	
inferior conj	-283 Oct 25 j 22:45	28°♎46'57	0°24'48
minimum elong	-283 Oct 25 j 22:10	28°♎48'57	0°24'33
min. Earth dist.	-283 Oct 25 j 13:23	29°♎19'01	0.67624 AU
morning rise	-283 Oct 31 j 06:07	22°♎38'05	
direct	-283 Nov 04 j 10:27	21°♎00'42	
morning max el	-283 Nov 13 j 00:14	26°♎01'41	21°15'34
	-283 Nov 16 j 13:51	0°♏	
desc. node	-283 Dec 03 j 14:17	23°♏42'08	
	-283 Dec 07 j 18:11	0°♐	
morning set	-283 Dec 13 j 18:34	9°♐19'32	
max. Earth dist.	-283 Dec 21 j 08:39	21°♐30'14	1.42315 AU
	-283 Dec 26 j 11:05	0°♑	
superior conj	-283 Dec 28 j 15:10	3°♑41'51	-1°59'48
minimum elong	-283 Dec 28 j 12:59	3°♑32'30	1°59'45
evening rise	-282 Jan 08 j 22:33	23°♑42'59	
	-282 Jan 12 j 10:07	0°♒	
asc. node	-282 Jan 20 j 17:17	13°♒56'34	
evening max el	-282 Jan 25 j 15:00	20°♒05'57	18°08'15

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-282 Feb 01 j 07:50	23°♒31'52	
evening set	-282 Feb 04 j 00:16	22°♒59'02	
inferior conj	-282 Feb 10 j 15:35	18°♒01'23	3°47'38
minimum elong	-282 Feb 10 j 16:43	17°♒58'40	3°47'34
min. Earth dist.	-282 Feb 13 j 19:08	15°♒01'51	0.61120 AU
morning rise	-282 Feb 17 j 07:39	12°♒12'30	
direct	-282 Feb 24 j 03:55	9°♒54'04	
desc. node	-282 Mar 01 j 13:28	11°♒11'47	
morning max el	-282 Mar 10 j 07:58	17°♒43'11	27°40'37
	-282 Mar 20 j 14:14	0°♓	
	-282 Apr 07 j 15:22	0°♈	
morning set	-282 Apr 11 j 19:43	8°♈21'09	
max. Earth dist.	-282 Apr 17 j 22:34	21°♈21'05	1.32465 AU
asc. node	-282 Apr 18 j 16:34	22°♈59'12	
superior conj	-282 Apr 19 j 02:25	23°♈52'57	0°04'21
minimum elong	-282 Apr 19 j 02:12	23°♈51'50	0°04'19
behind sun begin	-282 Apr 18 j 21:18	23°♈25'04	
behind sun end	-282 Apr 19 j 07:06	24°♈18'37	
	-282 Apr 21 j 21:32	0°♉	
evening rise	-282 Apr 26 j 00:27	8°♉53'00	
	-282 May 06 j 23:42	0°♊	
evening max el	-282 May 22 j 08:34	20°♊39'48	25°02'34
desc. node	-282 May 28 j 12:39	25°♊27'03	
retrograde	-282 Jun 05 j 08:36	27°♊46'59	
evening set	-282 Jun 10 j 15:20	26°♊42'56	
min. Earth dist.	-282 Jun 15 j 20:09	23°♊54'38	0.57529 AU
inferior conj	-282 Jun 18 j 21:24	21°♊51'39	-4°35'06
minimum elong	-282 Jun 18 j 18:20	21°♊56'50	4°34'50
morning rise	-282 Jun 27 j 00:06	17°♊40'26	
direct	-282 Jun 29 j 13:43	17°♊21'07	
morning max el	-282 Jul 08 j 09:46	21°♊28'47	19°06'27
	-282 Jul 15 j 04:14	0°♋	
asc. node	-282 Jul 15 j 15:48	0°♋45'20	
morning set	-282 Jul 25 j 06:11	18°♋21'20	
	-282 Jul 31 j 03:17	0°♌	
superior conj	-282 Aug 02 j 14:07	4°♌46'21	1°46'58
minimum elong	-282 Aug 02 j 14:43	4°♌49'15	1°46'58
max. Earth dist.	-282 Aug 09 j 04:26	17°♌07'18	1.38484 AU
evening rise	-282 Aug 13 j 00:12	23°♌54'34	
	-282 Aug 16 j 13:49	0°♍	
desc. node	-282 Aug 24 j 12:00	12°♍44'39	
	-282 Sep 05 j 10:13	0°♎	
evening max el	-282 Sep 17 j 15:53	14°♎35'48	24°42'52
retrograde	-282 Sep 29 j 04:05	21°♎18'27	
evening set	-282 Oct 04 j 18:08	18°♎56'56	
min. Earth dist.	-282 Oct 09 j 08:35	13°♎41'50	0.67320 AU
inferior conj	-282 Oct 10 j 04:29	12°♎35'44	-0°29'47
minimum elong	-282 Oct 10 j 05:13	12°♎33'18	0°29'29
asc. node	-282 Oct 11 j 15:00	10°♎42'52	
morning rise	-282 Oct 15 j 16:22	6°♎33'05	
direct	-282 Oct 19 j 08:04	5°♎16'15	
morning max el	-282 Oct 26 j 23:37	9°♎39'58	20°03'49
	-282 Nov 11 j 04:09	0°♏	
desc. node	-282 Nov 20 j 11:20	14°♏07'18	
morning set	-282 Nov 22 j 15:15	17°♏27'29	
	-282 Nov 30 j 15:54	0°♐	
max. Earth dist.	-282 Dec 03 j 18:39	4°♐56'57	1.43862 AU
superior conj	-282 Dec 09 j 02:24	13°♐32'47	-1°43'34
minimum elong	-282 Dec 08 j 19:33	13°♐04'48	1°43'02
	-282 Dec 18 j 22:52	0°♑	
evening rise	-282 Dec 22 j 04:27	5°♑32'22	
	-281 Jan 06 j 06:39	0°♒	
asc. node	-281 Jan 07 j 14:19	1°♒38'33	
evening max el	-281 Jan 09 j 03:23	3°♒20'11	18°12'51
retrograde	-281 Jan 15 j 15:14	6°♒48'13	
evening set	-281 Jan 18 j 12:00	6°♒05'47	
inferior conj	-281 Jan 24 j 16:12	0°♒48'00	3°49'40
minimum elong	-281 Jan 24 j 15:17	0°♒50'28	3°49'36
	-281 Jan 25 j 09:52	30°℞♑	
min. Earth dist.	-281 Jan 27 j 06:24	28°♑00'30	0.63083 AU
morning rise	-281 Jan 30 j 17:44	24°♑47'56	
direct	-281 Feb 06 j 17:43	22°♑05'07	
desc. node	-281 Feb 16 j 10:32	26°♑13'58	
morning max el	-281 Feb 20 j 14:44	29°♑57'02	27°44'08
	-281 Feb 20 j 15:55	0°♒	
	-281 Mar 14 j 13:24	0°♓	
morning set	-281 Mar 26 j 19:54	22°♓37'57	
	-281 Mar 30 j 10:07	0°♈	
max. Earth dist.	-281 Apr 01 j 05:34	3°♈49'09	1.32957 AU
superior conj	-281 Apr 03 j 10:59	8°♈35'07	-0°22'08
minimum elong	-281 Apr 03 j 12:02	8°♈40'48	0°21'55
asc. node	-281 Apr 05 j 13:37	13°♈08'46	
evening rise	-281 Apr 10 j 12:16	23°♈45'59	
	-281 Apr 13 j 12:31	0°♉	
	-281 May 02 j 16:17	0°♊	
evening max el	-281 May 03 j 23:02	1°♊17'06	23°29'40
desc. node	-281 May 15 j 09:43	7°♊54'51	
retrograde	-281 May 17 j 13:57	8°♊05'38	
evening set	-281 May 21 j 09:42	7°♊33'26	
min. Earth dist.	-281 May 28 j 09:25	4°♊20'21	0.55938 AU
inferior conj	-281 May 30 j 10:45	3°♊06'51	-3°47'15
minimum elong	-281 May 30 j 03:55	3°♊17'04	3°45'44
	-281 Jun 05 j 09:10	30°℞♉	
morning rise	-281 Jun 08 j 00:58	29°♉10'35	
direct	-281 Jun 10 j 17:00	28°♉52'59	
	-281 Jun 15 j 17:48	0°♊	
morning max el	-281 Jun 21 j 02:00	3°♊40'51	20°11'53
asc. node	-281 Jul 02 j 12:51	19°♊33'31	
	-281 Jul 08 j 00:01	0°♋	
morning set	-281 Jul 09 j 10:29	2°♋54'02	
superior conj	-281 Jul 17 j 04:05	18°♋41'37	1°45'20
minimum elong	-281 Jul 17 j 03:00	18°♋36'10	1°45'19
max. Earth dist.	-281 Jul 22 j 09:21	28°♋57'42	1.36583 AU
	-281 Jul 22 j 22:24	0°♌	
evening rise	-281 Jul 26 j 07:56	6°♌20'32	
	-281 Aug 09 j 09:34	0°♍	
desc. node	-281 Aug 11 j 09:01	3°♍00'22	
evening max el	-281 Aug 31 j 03:12	28°♍12'02	25°53'46
	-281 Sep 02 j 01:41	0°♎	
retrograde	-281 Sep 12 j 13:03	5°♎17'16	
evening set	-281 Sep 18 j 17:32	2°♎41'07	
	-281 Sep 21 j 09:02	30°℞♍	
min. Earth dist.	-281 Sep 23 j 00:03	28°♍02'01	0.66688 AU
inferior conj	-281 Sep 24 j 07:04	26°♍24'01	-1°25'42
minimum elong	-281 Sep 24 j 09:14	26°♍17'11	1°24'48
asc. node	-281 Sep 28 j 12:03	21°♍40'11	
morning rise	-281 Sep 30 j 01:12	20°♍30'19	
direct	-281 Oct 03 j 06:25	19°♍30'43	
morning max el	-281 Oct 10 j 06:15	23°♍26'47	19°06'11
	-281 Oct 15 j 15:49	0°♎	
morning set	-281 Nov 01 j 21:42	26°♎11'25	
	-281 Nov 04 j 08:05	0°♏	
desc. node	-281 Nov 07 j 08:20	4°♏42'58	
max. Earth dist.	-281 Nov 16 j 09:59	18°♏57'10	1.44793 AU
superior conj	-281 Nov 18 j 12:55	22°♏18'10	-1°09'04
minimum elong	-281 Nov 18 j 05:03	21°♏47'06	1°08'11
	-281 Nov 23 j 09:10	0°♐	
evening rise	-281 Dec 03 j 12:27	16°♐24'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-281 Dec 11 j 19:58	0°♑	
evening max el	-281 Dec 23 j 15:17	16°♑42'41	18°36'03
asc. node	-281 Dec 25 j 11:21	18°♑23'18	
retrograde	-281 Dec 30 j 06:32	20°♑23'55	
evening set	-280 Jan 02 j 08:25	19°♑30'45	
inferior conj	-280 Jan 08 j 04:30	13°♑54'49	3°34'10
minimum elong	-280 Jan 08 j 02:16	14°♑01'27	3°33'49
min. Earth dist.	-280 Jan 10 j 03:27	11°♑35'16	0.64741 AU
morning rise	-280 Jan 13 j 19:40	7°♑48'00	
direct	-280 Jan 20 j 14:53	4°♑55'39	
morning max el	-280 Feb 03 j 00:03	12°♑41'39	27°12'56
desc. node	-280 Feb 03 j 07:34	13°♑00'35	
	-280 Feb 16 j 22:22	0°♒	
	-280 Mar 06 j 02:29	0°♓	
morning set	-280 Mar 09 j 11:12	6°♓24'13	
max. Earth dist.	-280 Mar 14 j 03:39	15°♓45'46	1.33869 AU
superior conj	-280 Mar 17 j 15:09	22°♓59'48	-0°48'51
minimum elong	-280 Mar 17 j 17:29	23°♓12'04	0°48'24
	-280 Mar 20 j 22:26	0°♈	
asc. node	-280 Mar 22 j 10:40	3°♈12'36	
evening rise	-280 Mar 24 j 23:02	8°♈31'02	
	-280 Apr 05 j 09:32	0°♉	
evening max el	-280 Apr 14 j 17:16	11°♉57'21	21°55'47
retrograde	-280 Apr 27 j 07:32	18°♉06'51	
evening set	-280 Apr 29 j 23:02	17°♉51'15	
desc. node	-280 May 01 j 06:45	17°♉32'24	
inferior conj	-280 May 09 j 08:58	13°♉46'28	-2°15'10
minimum elong	-280 May 09 j 02:59	13°♉54'52	2°13'12
min. Earth dist.	-280 May 08 j 22:27	14°♉01'14	0.55083 AU
morning rise	-280 May 18 j 08:09	9°♉50'26	
direct	-280 May 21 j 06:25	9°♉31'22	
morning max el	-280 Jun 02 j 07:08	15°♉10'35	21°36'18
	-280 Jun 13 j 12:46	0°♊	
asc. node	-280 Jun 18 j 09:53	8°♊51'55	
morning set	-280 Jun 22 j 19:13	17°♊41'43	
	-280 Jun 28 j 15:50	0°♋	
superior conj	-280 Jun 30 j 03:24	3°♋06'04	1°36'48
minimum elong	-280 Jun 30 j 01:18	2°♋55'05	1°36'37
max. Earth dist.	-280 Jul 03 j 21:55	10°♋50'52	1.34987 AU
evening rise	-280 Jul 08 j 09:25	19°♋39'41	
	-280 Jul 13 j 23:54	0°♌	
desc. node	-280 Jul 28 j 06:03	22°♌54'14	
	-280 Aug 02 j 09:50	0°♍	
evening max el	-280 Aug 12 j 15:07	11°♍45'45	26°48'43
retrograde	-280 Aug 25 j 16:51	19°♍02'18	
evening set	-280 Sep 01 j 10:10	16°♍17'36	
min. Earth dist.	-280 Sep 05 j 09:24	12°♍15'40	0.65709 AU
inferior conj	-280 Sep 07 j 04:34	10°♍08'41	-2°21'04
minimum elong	-280 Sep 07 j 08:05	9°♍58'19	2°19'46
morning rise	-280 Sep 13 j 06:31	4°♍26'59	
asc. node	-280 Sep 14 j 09:05	3°♍58'27	
direct	-280 Sep 16 j 03:41	3°♍40'53	
morning max el	-280 Sep 22 j 18:24	7°♍18'24	18°24'34
	-280 Oct 08 j 09:53	0°♎	
morning set	-280 Oct 12 j 06:39	6°♎16'17	
desc. node	-280 Oct 24 j 05:20	25°♎25'36	
	-280 Oct 27 j 02:47	0°♏	
superior conj	-280 Oct 27 j 13:17	0°♏41'24	-0°21'43
minimum elong	-280 Oct 27 j 10:26	0°♏30'07	0°21'20
max. Earth dist.	-280 Oct 29 j 04:21	3°♏15'09	1.45009 AU
evening rise	-280 Nov 12 j 20:35	26°♏17'24	
	-280 Nov 15 j 05:12	0°♐	
greatest brilliancy	-280 Nov 23 j 04:39	12°♐29'11	-0.8m
	-280 Dec 05 j 20:48	0°♑	

evening max el	-280 Dec 06 j 00:25	0°♑09'23	19°16'26
asc. node	-280 Dec 11 j 08:22	3°♑56'15	
retrograde	-280 Dec 13 j 02:13	4°♑13'09	
evening set	-280 Dec 16 j 10:42	3°♑07'37	
	-280 Dec 19 j 19:53	30°℞♐	
inferior conj	-280 Dec 22 j 01:06	27°♐15'59	3°06'03
minimum elong	-280 Dec 21 j 22:19	27°♐24'53	3°05'22
min. Earth dist.	-280 Dec 23 j 09:19	25°♐32'58	0.66027 AU
morning rise	-280 Dec 27 j 09:41	21°♐05'03	
direct	-279 Jan 02 j 18:11	18°♐17'13	
morning max el	-279 Jan 15 j 09:24	25°♐44'37	26°13'36
	-279 Jan 19 j 07:35	0°♑	
desc. node	-279 Jan 20 j 04:35	1°♑01'31	
	-279 Feb 09 j 11:01	0°♒	
morning set	-279 Feb 20 j 13:36	19°♒26'44	
max. Earth dist.	-279 Feb 24 j 14:04	27°♒07'10	1.35244 AU
	-279 Feb 26 j 01:14	0°♓	
superior conj	-279 Mar 01 j 12:30	6°♓58'41	-1°14'28
minimum elong	-279 Mar 01 j 15:53	7°♓15'57	1°13'55
evening rise	-279 Mar 09 j 06:46	23°♓00'45	
asc. node	-279 Mar 09 j 07:41	23°♓05'31	
	-279 Mar 12 j 17:56	0°♈	
evening max el	-279 Mar 27 j 20:51	23°♈04'05	20°32'35
retrograde	-279 Apr 07 j 20:31	28°♈21'12	
evening set	-279 Apr 10 j 00:16	28°♈09'51	
desc. node	-279 Apr 18 j 03:47	24°♈46'55	
inferior conj	-279 Apr 19 j 03:46	24°♈12'23	-0°17'10
minimum elong	-279 Apr 19 j 02:58	24°♈13'33	0°16'53
min. Earth dist.	-279 Apr 20 j 11:51	23°♈25'57	0.55164 AU
morning rise	-279 Apr 28 j 04:29	19°♈58'22	
direct	-279 May 01 j 18:05	19°♈30'49	
morning max el	-279 May 15 j 02:36	26°♈00'46	23°14'10
	-279 May 18 j 21:08	0°♉	
asc. node	-279 Jun 05 j 06:56	28°♉31'54	
	-279 Jun 06 j 00:06	0°♊	
morning set	-279 Jun 07 j 06:25	2°♊37'45	
superior conj	-279 Jun 14 j 08:57	17°♊49'18	1°22'52
minimum elong	-279 Jun 14 j 06:28	17°♊35'56	1°22'31
max. Earth dist.	-279 Jun 16 j 20:19	23°♊04'27	1.33765 AU
	-279 Jun 20 j 04:35	0°♋	
evening rise	-279 Jun 21 j 23:53	3°♋37'36	
	-279 Jul 06 j 18:30	0°♌	
desc. node	-279 Jul 15 j 03:05	12°♌16'19	
evening max el	-279 Jul 26 j 02:48	25°♌05'57	27°20'21
	-279 Aug 01 j 06:35	0°♍	
retrograde	-279 Aug 08 j 14:50	2°♍25'20	
	-279 Aug 15 j 07:18	30°℞♌	
evening set	-279 Aug 15 j 17:16	29°♌41'21	
min. Earth dist.	-279 Aug 19 j 10:20	26°♌15'16	0.64364 AU
inferior conj	-279 Aug 21 j 18:36	23°♌44'24	-3°13'27
minimum elong	-279 Aug 21 j 23:06	23°♌32'18	3°12'04
morning rise	-279 Aug 28 j 05:45	18°♌18'12	
direct	-279 Aug 30 j 21:20	17°♌42'07	
asc. node	-279 Sep 01 j 06:07	17°♌51'48	
morning max el	-279 Sep 06 j 09:35	21°♌09'26	18°00'04
	-279 Sep 13 j 03:15	0°♍	
morning set	-279 Sep 23 j 19:37	17°♍43'03	
	-279 Oct 01 j 03:00	0°♎	
superior conj	-279 Oct 07 j 01:34	9°♎43'40	0°26'26
minimum elong	-279 Oct 07 j 04:33	9°♎55'43	0°26'02
desc. node	-279 Oct 11 j 02:23	16°♎12'00	
max. Earth dist.	-279 Oct 11 j 22:50	17°♎33'17	1.44487 AU
	-279 Oct 19 j 21:10	0°♏	
evening rise	-279 Oct 23 j 09:20	5°♏25'37	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	-279 Nov 06 j 09:53	26°♏41'43	-0.6m
	-279 Nov 08 j 16:07	0°♐	
evening max el	-279 Nov 19 j 04:54	13°♐37'54	20°12'10
retrograde	-279 Nov 26 j 23:46	18°♐12'18	
asc. node	-279 Nov 28 j 05:23	18°♐03'37	
evening set	-279 Nov 30 j 16:39	16°♐52'31	
inferior conj	-279 Dec 06 j 03:21	10°♐47'56	2°28'43
minimum elong	-279 Dec 06 j 00:38	10°♐57'05	2°27'51
min. Earth dist.	-279 Dec 06 j 22:18	9°♐44'19	0.66925 AU
morning rise	-279 Dec 11 j 08:27	4°♐34'52	
direct	-279 Dec 17 j 02:53	2°♐01'50	
morning max el	-279 Dec 28 j 17:57	8°♐57'10	24°55'25
desc. node	-278 Jan 07 j 01:37	19°♐55'21	
	-278 Jan 14 j 08:27	0°♑	
	-278 Feb 02 j 01:22	0°♒	
morning set	-278 Feb 02 j 22:00	1°♒31'20	
max. Earth dist.	-278 Feb 06 j 14:02	8°♒10'17	1.37048 AU
superior conj	-278 Feb 13 j 00:03	20°♒23'41	-1°37'02
minimum elong	-278 Feb 13 j 03:53	20°♒42'25	1°36'37
	-278 Feb 17 j 19:58	0°♓	
evening rise	-278 Feb 21 j 09:21	7°♓09'13	
asc. node	-278 Feb 24 j 04:44	12°♓42'48	
	-278 Mar 06 j 08:18	0°♈	
evening max el	-278 Mar 10 j 11:33	4°♈47'54	19°26'36
retrograde	-278 Mar 19 j 18:28	9°♈15'27	
evening set	-278 Mar 21 j 22:42	9°♈01'51	
inferior conj	-278 Mar 30 j 09:29	4°♈55'14	1°33'01
minimum elong	-278 Mar 30 j 13:02	4°♈49'26	1°31'52
min. Earth dist.	-278 Apr 02 j 02:20	3°♈10'18	0.56165 AU
desc. node	-278 Apr 05 j 00:48	1°♈27'56	
morning rise	-278 Apr 08 j 00:42	0°♈09'54	
	-278 Apr 08 j 12:59	30°℞♓	
direct	-278 Apr 12 j 14:48	29°♓22'10	
	-278 Apr 16 j 16:12	0°♈	
morning max el	-278 Apr 26 j 17:24	6°♈30'58	24°54'23
	-278 May 13 j 17:56	0°♉	
morning set	-278 May 22 j 18:24	17°♉36'39	
asc. node	-278 May 23 j 04:00	18°♉27'15	
	-278 May 28 j 12:21	0°♊	
superior conj	-278 May 29 j 18:26	2°♊43'50	1°04'40
minimum elong	-278 May 29 j 16:04	2°♊31'02	1°04'16
max. Earth dist.	-278 May 31 j 02:54	5°♊40'04	1.32923 AU
evening rise	-278 Jun 05 j 23:32	18°♊02'50	
	-278 Jun 12 j 02:06	0°♋	
	-278 Jul 01 j 06:51	0°♌	
desc. node	-278 Jul 02 j 00:06	0°♌53'17	
evening max el	-278 Jul 08 j 11:56	7°♌59'01	27°22'28
retrograde	-278 Jul 22 j 06:28	15°♌17'28	
evening set	-278 Jul 29 j 11:19	12°♌46'29	
min. Earth dist.	-278 Aug 02 j 01:10	9°♌50'08	0.62669 AU
inferior conj	-278 Aug 04 j 22:18	7°♌04'31	-3°59'07
minimum elong	-278 Aug 05 j 02:55	6°♌53'25	3°58'05
morning rise	-278 Aug 11 j 19:47	1°♌57'16	
direct	-278 Aug 14 j 08:13	1°♌28'20	
asc. node	-278 Aug 19 j 03:11	3°♌15'05	
morning max el	-278 Aug 21 j 01:02	4°♌53'44	17°53'30
morning set	-278 Sep 06 j 07:11	0°♍14'14	
	-278 Sep 06 j 03:59	0°♍	
superior conj	-278 Sep 17 j 15:32	20°♍02'29	1°05'07
minimum elong	-278 Sep 17 j 20:35	20°♍23'51	1°04'31
	-278 Sep 23 j 15:29	0°♎	
max. Earth dist.	-278 Sep 24 j 13:51	1°♎30'53	1.43301 AU
desc. node	-278 Sep 27 j 23:24	6°♎58'26	
evening rise	-278 Oct 02 j 16:22	14°♎22'42	
	-278 Oct 12 j 22:54	0°♏	
evening max el	-278 Nov 02 j 03:35	27°♏06'03	21°20'36
	-278 Nov 05 j 08:51	0°♐	
retrograde	-278 Nov 10 j 20:59	2°♐17'12	
evening set	-278 Nov 15 j 00:16	0°♐41'19	
asc. node	-278 Nov 15 j 02:26	0°♐37'03	
	-278 Nov 15 j 19:37	30°℞♏	
inferior conj	-278 Nov 20 j 08:58	24°♏27'11	1°44'28
minimum elong	-278 Nov 20 j 06:48	24°♏34'40	1°43'39
min. Earth dist.	-278 Nov 20 j 16:12	24°♏02'17	0.67456 AU
morning rise	-278 Nov 25 j 13:12	18°♏13'50	
direct	-278 Nov 30 j 16:20	16°♏01'22	
morning max el	-278 Dec 11 j 02:55	22°♏14'18	23°28'24
	-278 Dec 17 j 21:05	0°♐	
desc. node	-278 Dec 24 j 22:39	9°♐26'22	
	-277 Jan 07 j 16:40	0°♑	
morning set	-277 Jan 15 j 06:07	12°♑21'30	
max. Earth dist.	-277 Jan 19 j 09:19	19°♑27'38	1.39124 AU
	-277 Jan 25 j 06:08	0°♒	
superior conj	-277 Jan 26 j 21:50	3°♒04'03	-1°53'55
minimum elong	-277 Jan 27 j 00:52	3°♒18'12	1°53'45
evening rise	-277 Feb 05 j 04:07	20°♒48'59	
	-277 Feb 09 j 23:53	0°♓	
asc. node	-277 Feb 11 j 01:46	1°♓58'23	
evening max el	-277 Feb 21 j 12:04	17°♓07'13	18°40'24
retrograde	-277 Mar 01 j 10:03	20°♓58'25	
evening set	-277 Mar 03 j 18:57	20°♓38'56	
inferior conj	-277 Mar 11 j 10:51	16°♓14'34	2°52'02
minimum elong	-277 Mar 11 j 15:06	16°♓06'29	2°51'03
min. Earth dist.	-277 Mar 14 j 19:35	13°♓42'40	0.57858 AU
morning rise	-277 Mar 19 j 08:24	10°♓57'30	
desc. node	-277 Mar 22 j 21:50	9°♓48'06	
direct	-277 Mar 25 j 01:18	9°♓36'33	
morning max el	-277 Apr 08 j 09:44	17°♓09'50	26°21'41
	-277 Apr 18 j 23:30	0°♈	
	-277 May 06 j 00:14	0°♉	
morning set	-277 May 07 j 05:34	2°♉32'41	
asc. node	-277 May 10 j 01:05	8°♉32'39	
superior conj	-277 May 14 j 05:53	17°♉43'10	0°43'09
minimum elong	-277 May 14 j 04:07	17°♉33'26	0°42'47
max. Earth dist.	-277 May 14 j 14:24	18°♉29'51	1.32449 AU
	-277 May 19 j 21:52	0°♊	
evening rise	-277 May 21 j 05:26	2°♊45'59	
	-277 Jun 04 j 23:22	0°♋	
desc. node	-277 Jun 18 j 21:07	18°♋26'26	
evening max el	-277 Jun 20 j 16:06	20°♋13'25	26°51'51
retrograde	-277 Jul 04 j 15:12	27°♋29'59	
evening set	-277 Jul 11 j 12:01	25°♋25'56	
min. Earth dist.	-277 Jul 15 j 05:49	22°♋46'26	0.60696 AU
inferior conj	-277 Jul 18 j 12:23	20°♋01'14	-4°32'09
minimum elong	-277 Jul 18 j 15:33	19°♋54'32	4°31'47
morning rise	-277 Jul 25 j 20:56	15°♋15'36	
direct	-277 Jul 28 j 08:24	14°♋51'38	
morning max el	-277 Aug 04 j 13:51	18°♋24'32	18°05'52
asc. node	-277 Aug 06 j 00:16	19°♋54'50	
	-277 Aug 12 j 23:27	0°♌	
morning set	-277 Aug 20 j 11:34	13°♌34'14	
	-277 Aug 29 j 09:42	0°♍	
superior conj	-277 Aug 30 j 08:22	1°♍41'18	1°30'43
minimum elong	-277 Aug 30 j 12:20	1°♍59'02	1°30'22
max. Earth dist.	-277 Sep 06 j 23:12	14°♍51'51	1.41611 AU
evening rise	-277 Sep 12 j 11:48	23°♍56'13	
desc. node	-277 Sep 14 j 20:26	27°♍42'03	
	-277 Sep 16 j 07:30	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-277 Oct 06 j 22:47	0°♏		
evening max el	-277 Oct 15 j 20:43	10°♏35'15	22°37'42	
retrograde	-277 Oct 25 j 16:14	16°♏25'13		
evening set	-277 Oct 30 j 07:48	14°♏31'53		
asc. node	-277 Nov 01 j 23:29	11°♏46'34		
inferior conj	-277 Nov 04 j 16:03	8°♏11'52	0°55'03	
minimum elong	-277 Nov 04 j 14:48	8°♏16'12	0°54'31	
min. Earth dist.	-277 Nov 04 j 12:37	8°♏23'44	0.67654 AU	
morning rise	-277 Nov 09 j 21:41	2°♏00'29		
direct	-277 Nov 14 j 09:55	0°♏10'27		
morning max el	-277 Nov 23 j 15:19	5°♏37'14	22°01'54	
desc. node	-277 Dec 11 j 19:42	29°♏24'06		
	-277 Dec 12 j 05:28	0°♐		
morning set	-277 Dec 26 j 09:15	21°♐47'27		
	-277 Dec 31 j 09:49	0°♑		
max. Earth dist.	-276 Jan 01 j 07:12	1°♑29'06	1.41217 AU	
superior conj	-276 Jan 09 j 00:50	14°♑47'39	-2°01'27	
minimum elong	-276 Jan 09 j 01:10	14°♑49'03	2°01'27	
	-276 Jan 17 j 09:42	0°♒		
evening rise	-276 Jan 19 j 11:46	3°♒52'22		
asc. node	-276 Jan 28 j 22:49	20°♒45'14		
	-276 Feb 04 j 21:43	0°♓		
evening max el	-276 Feb 04 j 19:40	29°♒55'01	18°14'21	
retrograde	-276 Feb 11 j 19:57	3°♓25'40		
evening set	-276 Feb 14 j 09:47	2°♓58'08		
	-276 Feb 19 j 06:57	30°℞♒		
inferior conj	-276 Feb 21 j 09:05	28°♒13'02	3°35'57	
minimum elong	-276 Feb 21 j 11:34	28°♒07'34	3°35'39	
min. Earth dist.	-276 Feb 24 j 17:53	25°♒16'03	0.59912 AU	
morning rise	-276 Feb 28 j 11:14	22°♒33'08		
direct	-276 Mar 06 j 00:40	20°♒33'48		
desc. node	-276 Mar 08 j 18:54	20°♒54'02		
morning max el	-276 Mar 20 j 07:26	28°♒19'56	27°21'48	
	-276 Mar 21 j 22:41	0°♓		
	-276 Apr 11 j 16:06	0°♈		
morning set	-276 Apr 20 j 14:04	17°♈18'59		
asc. node	-276 Apr 25 j 22:08	28°♈42'54		
	-276 Apr 26 j 12:15	0°♉		
max. Earth dist.	-276 Apr 27 j 03:05	1°♉21'13	1.32346 AU	
superior conj	-276 Apr 27 j 17:33	2°♉40'32	0°19'04	
minimum elong	-276 Apr 27 j 16:42	2°♉35'52	0°18'53	
evening rise	-276 May 04 j 15:10	17°♉38'26		
	-276 May 10 j 18:25	0°♊		
	-276 May 30 j 20:37	0°♋		
evening max el	-276 Jun 01 j 13:35	1°♋42'27	25°49'47	
desc. node	-276 Jun 04 j 18:10	4°♋28'28		
retrograde	-276 Jun 15 j 15:02	8°♋54'58		
evening set	-276 Jun 21 j 14:55	7°♋28'40		
min. Earth dist.	-276 Jun 26 j 02:06	4°♋48'12	0.58635 AU	
inferior conj	-276 Jun 29 j 09:08	2°♋23'56	-4°43'23	
minimum elong	-276 Jun 29 j 08:47	2°♋24'34	4°43'23	
	-276 Jul 02 j 20:38	30°℞♊		
morning rise	-276 Jul 07 j 05:07	28°♊00'34		
direct	-276 Jul 09 j 17:26	27°♊39'58		
	-276 Jul 16 j 01:20	0°♋		
morning max el	-276 Jul 17 j 20:46	1°♋31'36	18°38'19	
asc. node	-276 Jul 22 j 21:21	7°♋34'36		
morning set	-276 Aug 03 j 03:55	27°♋29'23		
	-276 Aug 04 j 10:55	0°♌		
superior conj	-276 Aug 11 j 22:58	14°♌24'50	1°44'02	
minimum elong	-276 Aug 12 j 00:48	14°♌33'23	1°43'57	
max. Earth dist.	-276 Aug 19 j 03:22	27°♌28'22	1.39643 AU	
	-276 Aug 20 j 14:08	0°♍		
evening rise	-276 Aug 23 j 06:37	4°♍35'37		
desc. node	-276 Aug 31 j 17:29	18°♍18'34		
	-276 Sep 08 j 11:37	0°♎		
evening max el	-276 Sep 27 j 09:58	24°♎07'27	23°58'01	
	-276 Oct 05 j 11:51	0°♏		
retrograde	-276 Oct 08 j 08:06	0°♏32'57		
	-276 Oct 11 j 00:00	30°℞♎		
evening set	-276 Oct 13 j 13:35	28°♎21'40		
inferior conj	-276 Oct 18 j 22:47	21°♎59'49	0°01'56	
minimum elong	-276 Oct 18 j 22:44	21°♎59'59	0°01'54	
transit middle	-276 Oct 18 j 22:44	21°♎59'59	0°01'54	
transit begin	-276 Oct 18 j 20:02	22°♎09'09		
transit end	-276 Oct 19 j 01:26	21°♎50'49		
min. Earth dist.	-276 Oct 18 j 09:03	22°♎46'23	0.67535 AU	
asc. node	-276 Oct 18 j 20:32	22°♎07'26		
morning rise	-276 Oct 24 j 07:50	15°♎52'58		
direct	-276 Oct 28 j 06:31	14°♎24'34		
morning max el	-276 Nov 05 j 10:08	19°♎08'52	20°43'20	
	-276 Nov 14 j 05:38	0°♏		
desc. node	-276 Nov 27 j 16:45	19°♏40'53		
morning set	-276 Dec 04 j 11:44	0°♐06'57		
	-276 Dec 04 j 09:57	0°♐		
max. Earth dist.	-276 Dec 13 j 12:24	14°♐26'04	1.43039 AU	
superior conj	-276 Dec 20 j 03:42	25°♐22'14	-1°55'08	
minimum elong	-276 Dec 19 j 23:27	25°♐04'21	1°54'56	
	-276 Dec 22 j 21:26	0°♑		
evening rise	-275 Jan 01 j 04:18	16°♑11'03		
	-275 Jan 09 j 01:52	0°♒		
asc. node	-275 Jan 14 j 19:51	8°♒54'19		
evening max el	-275 Jan 18 j 07:14	13°♒02'29	18°07'58	
retrograde	-275 Jan 24 j 20:43	16°♒27'28		
evening set	-275 Jan 27 j 15:02	15°♒50'38		
inferior conj	-275 Feb 03 j 01:14	10°♒44'30	3°51'00	
minimum elong	-275 Feb 03 j 01:26	10°♒44'01	3°50'59	
min. Earth dist.	-275 Feb 05 j 23:44	7°♒47'30	0.61987 AU	
morning rise	-275 Feb 09 j 10:37	4°♒50'24		
direct	-275 Feb 16 j 09:54	2°♒19'34		
desc. node	-275 Feb 23 j 15:56	4°♒39'55		
morning max el	-275 Mar 02 j 11:07	10°♒10'38	27°46'34	
	-275 Mar 17 j 22:19	0°♓		
	-275 Apr 03 j 20:28	0°♈		
morning set	-275 Apr 04 j 17:57	1°♈48'53		
max. Earth dist.	-275 Apr 10 j 13:15	14°♈01'39	1.32623 AU	
superior conj	-275 Apr 12 j 03:46	17°♈30'17	-0°06'48	
minimum elong	-275 Apr 12 j 04:05	17°♈32'00	0°06'43	
behind sun begin	-275 Apr 11 j 23:24	17°♈06'35		
behind sun end	-275 Apr 12 j 08:46	17°♈57'26		
asc. node	-275 Apr 12 j 19:11	18°♈54'07		
	-275 Apr 17 j 21:56	0°♉		
evening rise	-275 Apr 19 j 02:46	2°♉33'27		
	-275 May 04 j 01:50	0°♊		
evening max el	-275 May 14 j 05:29	12°♊33'08	24°24'13	
desc. node	-275 May 22 j 15:11	18°♊24'52		
retrograde	-275 May 28 j 03:13	19°♊33'54		
evening set	-275 Jun 01 j 19:07	18°♊45'17		
min. Earth dist.	-275 Jun 07 j 16:55	15°♊47'45	0.56783 AU	
inferior conj	-275 Jun 10 j 09:53	14°♊04'30	-4°20'26	
minimum elong	-275 Jun 10 j 04:54	14°♊12'28	4°19'42	
morning rise	-275 Jun 18 j 17:30	10°♊00'27		
direct	-275 Jun 21 j 08:02	9°♊42'00		
morning max el	-275 Jun 30 j 18:54	14°♊05'26	19°31'44	
asc. node	-275 Jul 09 j 18:24	26°♊00'54		
	-275 Jul 12 j 01:08	0°♋		
morning set	-275 Jul 18 j 04:39	11°♋50'23		
superior conj	-275 Jul 26 j 05:46	27°♋57'23	1°47'14	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-275 Jul 26 j 05:35	27°♋56'27	1°47'14	
	-275 Jul 27 j 06:48	0°♌		
max. Earth dist.	-275 Aug 01 j 06:36	9°♌30'13	1.37652 AU	
evening rise	-275 Aug 05 j 01:55	16°♌24'56		
	-275 Aug 13 j 01:39	0°♍		
desc. node	-275 Aug 18 j 14:31	8°♍43'24		
	-275 Sep 02 j 23:01	0°♎		
evening max el	-275 Sep 09 j 21:40	7°♎43'24	25°14'33	
retrograde	-275 Sep 21 j 19:37	14°♎36'20		
evening set	-275 Sep 27 j 15:51	12°♎08'21		
min. Earth dist.	-275 Oct 02 j 02:58	7°♎08'14	0.67095 AU	
inferior conj	-275 Oct 03 j 03:24	5°♎48'36	-0°53'25	
minimum elong	-275 Oct 03 j 04:44	5°♎44'15	0°52'51	
asc. node	-275 Oct 05 j 17:35	2°♎35'16		
	-275 Oct 08 j 11:30	30°℞♍		
morning rise	-275 Oct 08 j 17:43	29°♍49'15		
direct	-275 Oct 12 j 04:47	28°♍39'59		
	-275 Oct 16 j 03:27	0°♎		
morning max el	-275 Oct 19 j 12:38	2°♎50'28	19°37'22	
	-275 Nov 07 j 23:30	0°♏		
morning set	-275 Nov 13 j 09:38	8°♏21'52		
desc. node	-275 Nov 14 j 13:46	10°♏10'56		
max. Earth dist.	-275 Nov 26 j 01:19	28°♏10'23	1.44348 AU	
	-275 Nov 27 j 04:54	0°♐		
superior conj	-275 Nov 30 j 03:37	4°♐42'42	-1°31'03	
minimum elong	-275 Nov 29 j 19:35	4°♐10'26	1°30'18	
evening rise	-275 Dec 14 j 01:20	27°♐36'31		
	-275 Dec 15 j 11:23	0°♑		
asc. node	-274 Jan 01 j 16:53	26°♑13'37		
evening max el	-274 Jan 01 j 19:47	26°♑21'01	18°20'31	
retrograde	-274 Jan 08 j 07:55	29°♑53'05		
evening set	-274 Jan 11 j 06:51	29°♑06'03		
inferior conj	-274 Jan 17 j 07:15	23°♑40'11	3°44'51	
minimum elong	-274 Jan 17 j 05:41	23°♑44'36	3°44'41	
min. Earth dist.	-274 Jan 19 j 14:57	21°♑03'22	0.63838 AU	
morning rise	-274 Jan 23 j 03:55	17°♑37'07		
direct	-274 Jan 30 j 02:50	14°♑48'36		
desc. node	-274 Feb 10 j 12:57	20°♑30'28		
morning max el	-274 Feb 12 j 19:09	22°♑38'16	27°34'46	
	-274 Feb 19 j 07:57	0°♒		
	-274 Mar 11 j 03:17	0°♓		
morning set	-274 Mar 19 j 14:42	15°♓53'19		
max. Earth dist.	-274 Mar 24 j 16:59	26°♓17'34	1.33298 AU	
	-274 Mar 26 j 11:09	0°♈		
superior conj	-274 Mar 27 j 10:41	2°♈05'24	-0°33'31	
minimum elong	-274 Mar 27 j 12:18	2°♈13'58	0°33'10	
asc. node	-274 Mar 30 j 16:12	9°♈01'28		
evening rise	-274 Apr 03 j 14:20	17°♈23'38		
	-274 Apr 09 j 21:04	0°♉		
evening max el	-274 Apr 25 j 20:40	23°♉07'22	22°48'58	
retrograde	-274 May 09 j 02:40	29°♉41'08		
desc. node	-274 May 09 j 12:11	29°♉40'47		
evening set	-274 May 12 j 09:02	29°♉17'46		
min. Earth dist.	-274 May 20 j 05:28	25°♉50'54	0.55474 AU	
inferior conj	-274 May 21 j 15:40	25°♉01'48	-3°13'03	
minimum elong	-274 May 21 j 08:29	25°♉12'08	3°11'05	
morning rise	-274 May 30 j 10:15	21°♉07'59		
direct	-274 Jun 02 j 04:31	20°♉50'08		
morning max el	-274 Jun 13 j 06:14	25°♉58'32	20°45'46	
	-274 Jun 17 j 00:01	0°♊		
asc. node	-274 Jun 26 j 15:26	15°♊02'41		
morning set	-274 Jul 02 j 11:04	26°♊29'58		
	-274 Jul 04 j 03:48	0°♋		
superior conj	-274 Jul 10 j 00:06	12°♋05'51	1°42'28	
minimum elong	-274 Jul 09 j 22:30	11°♋57'41	1°42'22	
max. Earth dist.	-274 Jul 14 j 14:37	21°♋20'00	1.35860 AU	
evening rise	-274 Jul 18 j 17:46	29°♋14'34		
	-274 Jul 19 j 03:31	0°♌		
desc. node	-274 Aug 05 j 11:32	28°♌50'44		
	-274 Aug 06 j 06:23	0°♍		
evening max el	-274 Aug 23 j 09:17	21°♍19'41	26°19'35	
retrograde	-274 Sep 05 j 02:15	28°♍30'20		
evening set	-274 Sep 11 j 12:40	25°♍49'32		
min. Earth dist.	-274 Sep 15 j 16:00	21°♍26'28	0.66316 AU	
inferior conj	-274 Sep 17 j 04:04	19°♍35'45	-1°49'22	
minimum elong	-274 Sep 17 j 06:50	19°♍27'16	1°48'16	
asc. node	-274 Sep 22 j 14:37	14°♍03'32		
morning rise	-274 Sep 23 j 01:21	13°♍46'56		
direct	-274 Sep 26 j 02:56	12°♍53'26		
morning max el	-274 Oct 02 j 21:56	16°♍40'09	18°46'34	
	-274 Oct 12 j 21:07	0°♎		
morning set	-274 Oct 24 j 02:29	17°♎38'47		
	-274 Oct 31 j 22:02	0°♏		
desc. node	-274 Nov 01 j 10:48	0°♏50'18		
superior conj	-274 Nov 09 j 07:20	13°♏11'38	-0°49'56	
minimum elong	-274 Nov 09 j 01:01	12°♏46'49	0°49'09	
max. Earth dist.	-274 Nov 08 j 19:01	12°♏23'12	1.44978 AU	
	-274 Nov 19 j 22:20	0°♐		
evening rise	-274 Nov 24 j 23:19	8°♐04'01		
	-274 Dec 08 j 19:31	0°♑		
evening max el	-274 Dec 16 j 06:46	9°♑45'46	18°51'04	
asc. node	-274 Dec 19 j 13:54	12°♑29'56		
retrograde	-274 Dec 23 j 01:36	13°♑35'35		
evening set	-274 Dec 26 j 06:07	12°♑37'15		
inferior conj	-274 Dec 31 j 23:29	6°♑54'00	3°23'31	
minimum elong	-274 Dec 31 j 20:56	7°♑01'50	3°23'02	
min. Earth dist.	-273 Jan 02 j 15:53	4°♑49'38	0.65340 AU	
morning rise	-273 Jan 06 j 11:27	0°♑45'05		
	-273 Jan 07 j 09:37	30°℞♐		
direct	-273 Jan 13 j 02:31	27°♐53'31		
	-273 Jan 19 j 11:27	0°♑		
morning max el	-273 Jan 26 j 04:58	5°♑32'56	26°50'36	
desc. node	-273 Jan 28 j 10:00	7°♑51'54		
	-273 Feb 13 j 23:32	0°♒		
morning set	-273 Mar 03 j 01:04	29°♒22'17		
	-273 Mar 03 j 08:56	0°♓		
max. Earth dist.	-273 Mar 07 j 10:35	7°♓59'44	1.34407 AU	
superior conj	-273 Mar 11 j 12:15	16°♓19'31	-0°59'57	
minimum elong	-273 Mar 11 j 15:05	16°♓34'13	0°59'27	
asc. node	-273 Mar 17 j 13:14	29°♓00'52		
	-273 Mar 18 j 00:31	0°♈		
evening rise	-273 Mar 19 j 00:04	2°♈02'44		
	-273 Apr 04 j 04:26	0°♉		
evening max el	-273 Apr 07 j 18:09	3°♉55'21	21°18'24	
retrograde	-273 Apr 19 j 17:11	9°♉43'52		
evening set	-273 Apr 22 j 01:40	9°♉31'07		
desc. node	-273 Apr 26 j 09:13	8°♉08'57		
inferior conj	-273 May 01 j 10:33	5°♉31'08	-1°26'14	
minimum elong	-273 May 01 j 06:30	5°♉36'50	1°24'50	
min. Earth dist.	-273 May 01 j 18:21	5°♉20'09	0.54998 AU	
morning rise	-273 May 10 j 11:41	1°♉29'58		
direct	-273 May 13 j 14:56	1°♉08'36		
morning max el	-273 May 26 j 06:54	7°♉09'50	22°17'00	
	-273 Jun 11 j 04:35	0°♊		
asc. node	-273 Jun 13 j 12:29	4°♊30'50		
morning set	-273 Jun 16 j 21:02	11°♊21'36		
superior conj	-273 Jun 24 j 02:23	26°♊39'05	1°31'28	
minimum elong	-273 Jun 24 j 00:02	26°♊26'43	1°31'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-273 Jun 25 j 16:40	0°♋		
max. Earth dist.	-273 Jun 27 j 07:15	3°♋19'53	1.34410 AU	
evening rise	-273 Jul 02 j 01:13	12°♋51'01		
	-273 Jul 11 j 10:35	0°♌		
desc. node	-273 Jul 23 j 08:33	18°♌32'15		
	-273 Aug 01 j 07:42	0°♍		
evening max el	-273 Aug 05 j 21:00	4°♍47'52	27°05'27	
retrograde	-273 Aug 19 j 03:40	12°♍06'59		
evening set	-273 Aug 26 j 01:37	9°♍20'52		
min. Earth dist.	-273 Aug 29 j 21:51	5°♍34'55	0.65176 AU	
inferior conj	-273 Aug 31 j 22:39	3°♍16'38	-2°43'53	
minimum elong	-273 Sep 01 j 02:40	3°♍05'15	2°42'29	
	-273 Sep 04 j 00:43	30°℞♌		
morning rise	-273 Sep 07 j 04:24	27°♌41'28		
asc. node	-273 Sep 09 j 11:39	27°♌01'18		
direct	-273 Sep 09 j 22:51	27°♌00'08		
	-273 Sep 15 j 22:31	0°♍		
morning max el	-273 Sep 16 j 11:46	0°♍32'16	18°12'08	
morning set	-273 Oct 04 j 23:42	28°♍19'21		
	-273 Oct 06 j 00:04	0°♎		
superior conj	-273 Oct 19 j 10:13	21°♎44'17	-0°00'40	
minimum elong	-273 Oct 19 j 10:08	21°♎44'00	0°00'39	
behind sun begin	-273 Oct 18 j 23:13	21°♎00'36		
behind sun end	-273 Oct 19 j 21:04	22°♎27'21		
desc. node	-273 Oct 19 j 07:49	21°♎34'46		
max. Earth dist.	-273 Oct 22 j 13:38	26°♎42'38	1.44868 AU	
	-273 Oct 24 j 15:48	0°♏		
evening rise	-273 Nov 04 j 22:07	17°♏34'57		
	-273 Nov 12 j 22:29	0°♐		
greatest brilliancy	-273 Nov 17 j 06:51	6°♐38'22	-0.7m	
evening max el	-273 Nov 29 j 14:02	23°♐13'00	19°38'20	
asc. node	-273 Dec 06 j 10:55	27°♐28'05		
retrograde	-273 Dec 06 j 22:32	27°♐29'24		
evening set	-273 Dec 10 j 10:15	26°♐18'09		
inferior conj	-273 Dec 15 j 22:51	20°♐20'28	2°51'12	
minimum elong	-273 Dec 15 j 20:01	20°♐29'43	2°50'26	
min. Earth dist.	-273 Dec 17 j 01:13	18°♐54'01	0.66452 AU	
morning rise	-273 Dec 21 j 05:34	14°♐08'06		
direct	-273 Dec 27 j 08:14	11°♐25'36		
morning max el	-272 Jan 08 j 14:13	18°♐41'45	25°42'03	
desc. node	-272 Jan 15 j 07:02	26°♐17'40		
	-272 Jan 18 j 04:31	0°♑		
	-272 Feb 07 j 00:31	0°♒		
morning set	-272 Feb 13 j 20:38	12°♒02'59		
max. Earth dist.	-272 Feb 17 j 16:13	19°♒10'42	1.35963 AU	
superior conj	-272 Feb 23 j 05:54	0°♓05'25	-1°24'33	
minimum elong	-272 Feb 23 j 09:34	0°♓23'53	1°24'02	
	-272 Feb 23 j 04:49	0°♓		
evening rise	-272 Mar 02 j 05:58	16°♓24'39		
asc. node	-272 Mar 03 j 10:16	18°♓47'58		
	-272 Mar 09 j 06:06	0°♈		
evening max el	-272 Mar 20 j 02:32	15°♈18'09	20°02'11	
retrograde	-272 Mar 30 j 08:47	20°♈13'21		
evening set	-272 Apr 01 j 11:28	20°♈01'45		
inferior conj	-272 Apr 10 j 08:38	16°♈02'08	0°32'20	
minimum elong	-272 Apr 10 j 10:04	15°♈59'59	0°31'50	
desc. node	-272 Apr 12 j 06:14	14°♈53'19		
min. Earth dist.	-272 Apr 12 j 08:33	14°♈49'52	0.55481 AU	
morning rise	-272 Apr 19 j 06:35	11°♈35'15		
direct	-272 Apr 23 j 05:30	11°♈00'52		
morning max el	-272 May 06 j 23:55	17°♈50'01	23°57'21	
	-272 May 16 j 22:30	0°♉		
asc. node	-272 May 30 j 09:33	24°♉18'25		
morning set	-272 May 31 j 08:48	26°♉19'59		
	-272 Jun 02 j 02:17	0°♊		
superior conj	-272 Jun 07 j 09:56	11°♊28'46	1°15'37	
minimum elong	-272 Jun 07 j 07:26	11°♊15'19	1°15'14	
max. Earth dist.	-272 Jun 09 j 09:15	15°♊42'44	1.33355 AU	
evening rise	-272 Jun 14 j 20:03	27°♊02'27		
	-272 Jun 16 j 07:41	0°♋		
	-272 Jul 03 j 17:43	0°♌		
desc. node	-272 Jul 09 j 05:34	7°♌37'17		
evening max el	-272 Jul 18 j 07:48	17°♌57'56	27°25'09	
retrograde	-272 Jul 31 j 23:20	25°♌18'04		
evening set	-272 Aug 08 j 03:40	22°♌37'49		
min. Earth dist.	-272 Aug 11 j 18:44	19°♌25'27	0.63678 AU	
inferior conj	-272 Aug 14 j 08:41	16°♌46'36	-3°33'59	
minimum elong	-272 Aug 14 j 13:23	16°♌34'32	3°32'41	
morning rise	-272 Aug 21 j 00:08	11°♌28'07		
direct	-272 Aug 23 j 13:56	10°♌55'33		
asc. node	-272 Aug 26 j 08:44	11°♌34'04		
morning max el	-272 Aug 30 j 03:27	14°♌21'22	17°55'01	
	-272 Sep 10 j 00:11	0°♍		
morning set	-272 Sep 15 j 22:58	10°♍15'06		
	-272 Sep 27 j 13:58	0°♎		
superior conj	-272 Sep 28 j 08:33	1°♎16'37	0°44'21	
minimum elong	-272 Sep 28 j 12:55	1°♎34'36	0°43'47	
max. Earth dist.	-272 Oct 04 j 06:20	10°♎51'32	1.44051 AU	
desc. node	-272 Oct 05 j 04:52	12°♎21'30		
evening rise	-272 Oct 14 j 06:07	26°♎31'57		
	-272 Oct 16 j 12:16	0°♏		
	-272 Nov 06 j 01:01	0°♐		
evening max el	-272 Nov 11 j 16:07	6°♐41'10	20°40'01	
retrograde	-272 Nov 19 j 20:09	11°♐30'52		
asc. node	-272 Nov 22 j 07:58	10°♐55'32		
evening set	-272 Nov 23 j 17:07	10°♐04'41		
inferior conj	-272 Nov 29 j 02:48	3°♐55'46	2°10'43	
minimum elong	-272 Nov 29 j 00:16	4°♐04'25	2°09'50	
min. Earth dist.	-272 Nov 29 j 16:41	3°♐08'28	0.67190 AU	
	-272 Dec 02 j 02:49	30°℞♏		
morning rise	-272 Dec 04 j 07:12	27°♏42'08		
direct	-272 Dec 09 j 19:13	25°♏17'05		
	-272 Dec 18 j 22:07	0°♐		
morning max el	-272 Dec 20 j 22:32	1°♐55'51	24°18'51	
desc. node	-271 Jan 01 j 04:05	15°♐28'52		
	-271 Jan 11 j 06:29	0°♑		
morning set	-271 Jan 25 j 19:32	23°♑38'14		
	-271 Jan 29 j 09:48	0°♒		
max. Earth dist.	-271 Jan 29 j 12:46	0°♒13'23	1.37906 AU	
superior conj	-271 Feb 05 j 12:12	13°♒13'13	-1°45'06	
minimum elong	-271 Feb 05 j 15:52	13°♒30'53	1°44'46	
evening rise	-271 Feb 14 j 05:36	0°♓21'49		
	-271 Feb 14 j 01:11	0°♓		
asc. node	-271 Feb 18 j 07:19	8°♓16'53		
evening max el	-271 Mar 02 j 21:53	27°♓18'42	19°04'33	
	-271 Mar 06 j 09:34	0°♈		
retrograde	-271 Mar 11 j 13:22	1°♈28'23		
evening set	-271 Mar 13 j 19:28	1°♈12'38		
	-271 Mar 17 j 01:43	30°℞♓		
inferior conj	-271 Mar 21 j 22:11	26°♓59'33	2°10'53	
minimum elong	-271 Mar 22 j 02:29	26°♓52'06	2°09'39	
min. Earth dist.	-271 Mar 25 j 00:10	24°♓52'20	0.56821 AU	
morning rise	-271 Mar 30 j 06:31	22°♓00'03		
desc. node	-271 Mar 30 j 03:17	22°♓03'15		
direct	-271 Apr 04 j 08:36	20°♓59'11		
morning max el	-271 Apr 18 j 14:35	28°♓20'22	25°33'51	
	-271 Apr 20 j 06:10	0°♈		
	-271 May 10 j 06:12	0°♉		
morning set	-271 May 15 j 20:39	11°♉18'18		
asc. node	-271 May 17 j 06:37	14°♉18'34		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-271 May 22 j 20:30	26°♉26'17	0°55'54
minimum elong	-271 May 22 j 18:20	26°♉14'30	0°55'30
max. Earth dist.	-271 May 23 j 18:20	28°♉25'31	1.32682 AU
	-271 May 24 j 11:41	0°♊	
evening rise	-271 May 29 j 22:44	11°♊36'45	
	-271 Jun 08 j 12:42	0°♋	
desc. node	-271 Jun 26 j 02:36	25°♋49'47	
	-271 Jun 30 j 00:15	0°♌	
evening max el	-271 Jun 30 j 15:19	0°♌36'21	27°13'32
retrograde	-271 Jul 14 j 12:13	7°♌53'46	
evening set	-271 Jul 21 j 14:53	5°♌32'58	
min. Earth dist.	-271 Jul 25 j 05:24	2°♌45'20	0.61855 AU
inferior conj	-271 Jul 28 j 07:03	29°♋57'56	-4°15'09
minimum elong	-271 Jul 28 j 11:17	29°♋48'16	4°14'24
	-271 Jul 28 j 06:09	30°℞♋	
morning rise	-271 Aug 04 j 09:08	24°♋59'17	
direct	-271 Aug 06 j 20:51	24°♋32'42	
asc. node	-271 Aug 13 j 05:49	27°♋31'23	
morning max el	-271 Aug 13 j 18:04	28°♋00'22	17°56'18
	-271 Aug 15 j 14:08	0°♌	
morning set	-271 Aug 29 j 18:22	23°♌08'51	
	-271 Sep 02 j 13:07	0°♍	
superior conj	-271 Sep 09 j 10:16	12°♍09'56	1°17'35
minimum elong	-271 Sep 09 j 15:07	12°♍30'55	1°17'04
max. Earth dist.	-271 Sep 16 j 19:01	24°♍34'43	1.42633 AU
	-271 Sep 20 j 03:05	0°♎	
desc. node	-271 Sep 22 j 01:55	3°♎07'08	
evening rise	-271 Sep 23 j 16:26	5°♎39'22	
	-271 Oct 09 j 20:31	0°♏	
evening max el	-271 Oct 25 j 12:27	20°♏10'04	21°52'47
retrograde	-271 Nov 03 j 16:35	25°♏37'19	
evening set	-271 Nov 08 j 00:53	23°♏54'13	
asc. node	-271 Nov 09 j 05:02	22°♏50'37	
inferior conj	-271 Nov 13 j 09:15	17°♏37'25	1°24'05
minimum elong	-271 Nov 13 j 07:25	17°♏43'43	1°23'21
min. Earth dist.	-271 Nov 13 j 11:54	17°♏28'13	0.67579 AU
morning rise	-271 Nov 18 j 13:48	11°♏24'44	
direct	-271 Nov 23 j 10:37	9°♏21'30	
morning max el	-271 Dec 03 j 08:21	15°♏14'21	22°51'06
	-271 Dec 15 j 08:12	0°♐	
desc. node	-271 Dec 19 j 01:08	5°♐12'29	
	-270 Jan 04 j 06:44	0°♑	
morning set	-270 Jan 06 j 15:37	3°♑52'45	
max. Earth dist.	-270 Jan 11 j 08:24	11°♑47'13	1.40029 AU
superior conj	-270 Jan 19 j 02:44	25°♑31'43	-1°58'32
minimum elong	-270 Jan 19 j 04:53	25°♑41'32	1°58'27
	-270 Jan 21 j 13:00	0°♒	
evening rise	-270 Jan 28 j 20:06	13°♒47'22	
asc. node	-270 Feb 05 j 04:22	27°♒21'24	
	-270 Feb 06 j 17:51	0°♓	
evening max el	-270 Feb 14 j 01:51	9°♓51'42	18°26'52
retrograde	-270 Feb 21 j 12:58	13°♓31'58	
evening set	-270 Feb 24 j 00:12	13°♓09'06	
inferior conj	-270 Mar 03 j 08:37	8°♓35'52	3°14'39
minimum elong	-270 Mar 03 j 12:17	8°♓28'25	3°13'58
min. Earth dist.	-270 Mar 06 j 18:58	5°♓50'34	0.58716 AU
morning rise	-270 Mar 10 j 21:52	3°♓08'17	
direct	-270 Mar 17 j 00:47	1°♓31'02	
desc. node	-270 Mar 17 j 00:19	1°♓31'02	
morning max el	-270 Mar 31 j 08:44	9°♓09'51	26°51'07
	-270 Apr 16 j 05:27	0°♈	
morning set	-270 Apr 30 j 06:55	26°♈10'56	
	-270 May 02 j 02:14	0°♉	
asc. node	-270 May 04 j 03:41	4°♉26'27	
superior conj	-270 May 07 j 08:15	11°♉25'23	0°33'12
minimum elong	-270 May 07 j 06:50	11°♉17'36	0°32'55
max. Earth dist.	-270 May 07 j 06:57	11°♉18'16	1.32372 AU
evening rise	-270 May 14 j 06:34	26°♉24'59	
	-270 May 16 j 00:01	0°♊	
	-270 Jun 02 j 05:17	0°♋	
evening max el	-270 Jun 12 j 16:54	12°♋32'01	26°28'52
desc. node	-270 Jun 12 j 23:37	12°♋47'53	
retrograde	-270 Jun 26 j 16:59	19°♋46'16	
evening set	-270 Jul 03 j 06:40	17°♋57'35	
min. Earth dist.	-270 Jul 07 j 06:03	15°♋19'57	0.59823 AU
inferior conj	-270 Jul 10 j 14:10	12°♋41'21	-4°40'15
minimum elong	-270 Jul 10 j 16:05	12°♋37'31	4°40'08
morning rise	-270 Jul 18 j 03:31	8°♋05'03	
direct	-270 Jul 20 j 15:20	7°♋42'31	
morning max el	-270 Jul 28 j 04:40	11°♋21'39	18°17'07
asc. node	-270 Jul 31 j 02:54	14°♋38'13	
	-270 Aug 09 j 14:06	0°♌	
morning set	-270 Aug 13 j 04:20	6°♌45'10	
superior conj	-270 Aug 22 j 13:02	24°♌17'58	1°37'45
minimum elong	-270 Aug 22 j 16:08	24°♌32'05	1°37'33
	-270 Aug 25 j 17:04	0°♍	
max. Earth dist.	-270 Aug 30 j 02:27	7°♍38'53	1.40795 AU
evening rise	-270 Sep 03 j 21:05	15°♍38'35	
desc. node	-270 Sep 08 j 22:56	23°♍48'06	
	-270 Sep 12 j 22:54	0°♎	
	-270 Oct 04 j 18:16	0°♏	
evening max el	-270 Oct 08 j 03:41	3°♏40'12	23°11'56
retrograde	-270 Oct 18 j 10:23	9°♏45'29	
evening set	-270 Oct 23 j 07:51	7°♏44'17	
asc. node	-270 Oct 27 j 02:05	3°♏33'02	
inferior conj	-270 Oct 28 j 16:20	1°♏23'09	0°32'52
minimum elong	-270 Oct 28 j 15:33	1°♏25'47	0°32'32
min. Earth dist.	-270 Oct 28 j 08:28	1°♏50'11	0.67642 AU
	-270 Oct 29 j 16:42	30°℞♎	
morning rise	-270 Nov 02 j 23:12	25°♎13'39	
direct	-270 Nov 07 j 05:30	23°♎33'07	
morning max el	-270 Nov 15 j 23:12	28°♎40'29	21°27'17
	-270 Nov 17 j 05:30	0°♏	
desc. node	-270 Dec 05 j 22:10	25°♏18'52	
	-270 Dec 09 j 00:59	0°♐	
morning set	-270 Dec 17 j 06:46	12°♐45'05	
max. Earth dist.	-270 Dec 24 j 09:42	24°♐14'24	1.42040 AU
	-270 Dec 27 j 20:41	0°♑	
superior conj	-270 Dec 31 j 20:00	6°♑46'44	-2°00'45
minimum elong	-270 Dec 31 j 18:32	6°♑40'23	2°00'43
evening rise	-269 Jan 11 j 21:47	26°♑32'32	
	-269 Jan 13 j 19:22	0°♒	
asc. node	-269 Jan 23 j 01:24	15°♒53'11	
evening max el	-269 Jan 28 j 11:25	22°♒48'11	18°09'14
retrograde	-269 Feb 04 j 05:53	26°♒15'02	
evening set	-269 Feb 06 j 21:39	25°♒43'38	
inferior conj	-269 Feb 13 j 14:54	20°♒49'10	3°45'23
minimum elong	-269 Feb 13 j 16:23	20°♒45'40	3°45'16
min. Earth dist.	-269 Feb 16 j 20:02	17°♒49'30	0.60805 AU
morning rise	-269 Feb 20 j 09:28	15°♒02'14	
direct	-269 Feb 27 j 04:12	12°♒48'33	
desc. node	-269 Mar 03 j 21:21	13°♒47'48	
morning max el	-269 Mar 13 j 09:13	20°♒37'14	27°36'59
	-269 Mar 21 j 11:47	0°♓	
	-269 Apr 09 j 02:22	0°♈	
morning set	-269 Apr 14 j 13:45	10°♈51'32	
max. Earth dist.	-269 Apr 20 j 19:15	24°♈07'51	1.32420 AU
asc. node	-269 Apr 21 j 00:44	24°♈37'43	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-269 Apr 21 j 19:30	26°♈20'17	0°08'17
minimum elong	-269 Apr 21 j 19:07	26°♈18'13	0°08'13
behind sun begin	-269 Apr 21 j 14:46	25°♈54'25	
behind sun end	-269 Apr 21 j 23:28	26°♈42'01	
	-269 Apr 23 j 11:37	0°♉	
evening rise	-269 Apr 28 j 17:20	11°♉19'33	
	-269 May 08 j 06:42	0°♊	
evening max el	-269 May 25 j 11:33	23°♊42'59	25°15'26
desc. node	-269 May 30 j 20:38	28°♊01'40	
	-269 Jun 03 j 18:53	0°♋	
retrograde	-269 Jun 08 j 12:10	0°♋52'05	
	-269 Jun 13 j 05:26	30°℞♊	
evening set	-269 Jun 13 j 23:43	29°♊42'16	
min. Earth dist.	-269 Jun 18 j 23:18	26°♊56'33	0.57806 AU
inferior conj	-269 Jun 22 j 02:38	24°♊47'20	-4°38'36
minimum elong	-269 Jun 22 j 00:18	24°♊51'22	4°38'26
morning rise	-269 Jun 30 j 03:37	20°♊33'15	
direct	-269 Jul 02 j 16:50	20°♊13'40	
morning max el	-269 Jul 11 j 08:15	24°♊16'37	18°58'29
	-269 Jul 16 j 04:45	0°♋	
asc. node	-269 Jul 17 j 23:57	2°♋39'47	
morning set	-269 Jul 28 j 00:40	20°♋53'02	
	-269 Aug 01 j 15:34	0°♌	
superior conj	-269 Aug 05 j 11:16	7°♌25'20	1°46'30
minimum elong	-269 Aug 05 j 12:11	7°♌29'41	1°46'28
max. Earth dist.	-269 Aug 12 j 05:45	19°♌59'58	1.38783 AU
evening rise	-269 Aug 16 j 02:39	26°♌48'51	
	-269 Aug 17 j 23:22	0°♍	
desc. node	-269 Aug 26 j 19:58	14°♍20'42	
	-269 Sep 06 j 12:17	0°♎	
evening max el	-269 Sep 20 j 15:49	17°♎13'43	24°31'22
retrograde	-269 Oct 02 j 00:33	23°♎52'26	
evening set	-269 Oct 07 j 12:21	21°♎33'27	
min. Earth dist.	-269 Oct 12 j 04:04	16°♎13'01	0.67389 AU
inferior conj	-269 Oct 12 j 22:21	15°♎11'50	-0°21'23
minimum elong	-269 Oct 12 j 22:53	15°♎10'05	0°21'10
asc. node	-269 Oct 13 j 23:07	13°♎49'47	
morning rise	-269 Oct 18 j 09:28	9°♎07'59	
direct	-269 Oct 22 j 02:52	7°♎48'19	
morning max el	-269 Oct 29 j 21:24	12°♎17'10	20°13'32
	-269 Nov 12 j 09:07	0°♏	
desc. node	-269 Nov 22 j 19:12	15°♏41'53	
morning set	-269 Nov 26 j 04:03	20°♏53'10	
	-269 Dec 02 j 00:13	0°♐	
max. Earth dist.	-269 Dec 06 j 18:13	7°♐32'35	1.43667 AU
superior conj	-269 Dec 12 j 11:13	16°♐48'18	-1°47'12
minimum elong	-269 Dec 12 j 04:57	16°♐22'36	1°46'46
	-269 Dec 20 j 08:13	0°♑	
evening rise	-269 Dec 25 j 06:30	8°♑29'12	
	-268 Jan 07 j 04:31	0°♒	
asc. node	-268 Jan 09 j 22:25	3°♒42'21	
evening max el	-268 Jan 11 j 23:36	6°♒00'20	18°11'03
retrograde	-268 Jan 18 j 11:40	9°♒27'18	
evening set	-268 Jan 21 j 07:45	8°♒46'25	
inferior conj	-268 Jan 27 j 13:24	3°♒31'40	3°50'34
minimum elong	-268 Jan 27 j 12:45	3°♒33'22	3°50'33
min. Earth dist.	-268 Jan 30 j 05:53	0°♒40'59	0.62802 AU
	-268 Jan 30 j 22:11	30°℞♑	
morning rise	-268 Feb 02 j 16:49	27°♑32'56	
direct	-268 Feb 09 j 16:54	24°♑52'37	
desc. node	-268 Feb 18 j 18:22	28°♑30'37	
	-268 Feb 20 j 15:33	0°♒	
morning max el	-268 Feb 23 j 15:13	2°♒44'58	27°45'59
	-268 Mar 14 j 20:30	0°♓	
morning set	-268 Mar 28 j 14:57	25°♓11'56	
	-268 Mar 30 j 23:18	0°♈	
max. Earth dist.	-268 Apr 03 j 03:06	6°♈39'06	1.32850 AU
superior conj	-268 Apr 05 j 04:31	11°♈04'33	-0°18'04
minimum elong	-268 Apr 05 j 05:23	11°♈09'11	0°17'53
asc. node	-268 Apr 06 j 21:45	14°♈47'44	
evening rise	-268 Apr 12 j 05:06	26°♈13'06	
	-268 Apr 14 j 00:32	0°♉	
	-268 May 02 j 01:01	0°♊	
evening max el	-268 May 06 j 02:10	4°♊22'59	23°44'04
desc. node	-268 May 16 j 17:38	10°♊53'57	
retrograde	-268 May 19 j 19:29	11°♊15'32	
evening set	-268 May 23 j 20:18	10°♊39'36	
min. Earth dist.	-268 May 30 j 12:59	7°♊30'51	0.56135 AU
inferior conj	-268 Jun 01 j 18:53	6°♊09'14	-3°57'33
minimum elong	-268 Jun 01 j 12:25	6°♊19'05	3°56'14
morning rise	-268 Jun 10 j 07:25	2°♊11'18	
direct	-268 Jun 12 j 22:55	1°♊53'34	
morning max el	-268 Jun 23 j 02:06	6°♊34'50	20°00'47
asc. node	-268 Jul 03 j 20:59	21°♊22'36	
	-268 Jul 08 j 11:29	0°♋	
morning set	-268 Jul 11 j 04:07	5°♋22'55	
superior conj	-268 Jul 18 j 23:31	21°♋15'11	1°46'05
minimum elong	-268 Jul 18 j 22:39	21°♋10'51	1°46'03
	-268 Jul 23 j 10:28	0°♌	
max. Earth dist.	-268 Jul 24 j 09:52	1°♌51'47	1.36855 AU
evening rise	-268 Jul 28 j 07:20	9°♌05'56	
	-268 Aug 09 j 16:24	0°♍	
desc. node	-268 Aug 12 j 17:00	4°♍39'04	
	-268 Sep 01 j 07:02	0°♎	
evening max el	-268 Sep 02 j 03:14	0°♎50'13	25°43'59
retrograde	-268 Sep 14 j 10:15	7°♎52'43	
evening set	-268 Sep 20 j 12:34	5°♎18'38	
min. Earth dist.	-268 Sep 24 j 20:17	0°♎33'55	0.66806 AU
	-268 Sep 25 j 06:58	30°℞♍	
inferior conj	-268 Sep 26 j 01:33	29°♍00'38	-1°17'12
minimum elong	-268 Sep 26 j 03:29	28°♍54'25	1°16'24
asc. node	-268 Sep 29 j 20:09	24°♍38'04	
morning rise	-268 Oct 01 j 18:38	23°♍05'16	
direct	-268 Oct 05 j 01:17	22°♍03'17	
morning max el	-268 Oct 12 j 03:00	26°♍02'52	19°13'43
	-268 Oct 15 j 13:30	0°♎	
morning set	-268 Nov 04 j 07:40	29°♎28'10	
	-268 Nov 04 j 15:50	0°♏	
desc. node	-268 Nov 08 j 16:16	6°♏16'34	
max. Earth dist.	-268 Nov 18 j 08:55	21°♏29'08	1.44701 AU
superior conj	-268 Nov 21 j 00:57	25°♏42'25	-1°15'21
minimum elong	-268 Nov 20 j 16:49	25°♏10'11	1°14'28
	-268 Nov 23 j 17:41	0°♐	
evening rise	-268 Dec 05 j 18:01	19°♐30'15	
	-268 Dec 12 j 02:39	0°♑	
evening max el	-268 Dec 25 j 11:47	19°♑22'24	18°31'29
asc. node	-268 Dec 26 j 19:25	20°♑36'56	
retrograde	-267 Jan 01 j 01:57	23°♑00'48	
evening set	-267 Jan 04 j 03:03	22°♑09'16	
inferior conj	-267 Jan 10 j 00:10	16°♑36'01	3°37'21
minimum elong	-267 Jan 09 j 22:06	16°♑42'07	3°37'04
min. Earth dist.	-267 Jan 12 j 01:26	14°♑11'34	0.64519 AU
morning rise	-267 Jan 15 j 16:39	10°♑30'08	
direct	-267 Jan 22 j 13:05	7°♑38'12	
desc. node	-267 Feb 04 j 15:25	15°♑03'40	
morning max el	-267 Feb 05 j 00:13	15°♑25'30	27°19'33
	-267 Feb 17 j 00:04	0°♒	
	-267 Mar 07 j 13:12	0°♓	
morning set	-267 Mar 12 j 07:45	9°♓03'09	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-267 Mar 17 j 02:40	18°♓40'31	1.33704 AU
superior conj	-267 Mar 20 j 09:28	25°♓32'10	-0°44'50
minimum elong	-267 Mar 20 j 11:37	25°♓43'31	0°44'24
	-267 Mar 22 j 11:54	0°♈	
asc. node	-267 Mar 24 j 18:46	4°♈52'39	
evening rise	-267 Mar 27 j 16:07	10°♈59'35	
	-267 Apr 06 j 13:39	0°♉	
evening max el	-267 Apr 17 j 19:25	15°♉00'48	22°09'22
retrograde	-267 Apr 30 j 14:15	21°♉16'56	
evening set	-267 May 03 j 09:07	20°♉59'47	
desc. node	-267 May 03 j 14:37	20°♉56'54	
min. Earth dist.	-267 May 12 j 01:51	17°♉16'23	0.55156 AU
inferior conj	-267 May 12 j 18:42	16°♉52'38	-2°31'30
minimum elong	-267 May 12 j 12:13	17°♉01'46	2°29'28
morning rise	-267 May 21 j 16:51	12°♉57'41	
direct	-267 May 24 j 13:55	12°♉39'02	
morning max el	-267 Jun 05 j 08:45	18°♉10'13	21°22'39
	-267 Jun 14 j 17:14	0°♊	
asc. node	-267 Jun 20 j 18:03	10°♊36'51	
morning set	-267 Jun 25 j 12:18	20°♊08'29	
	-267 Jun 30 j 05:23	0°♋	
superior conj	-267 Jul 02 j 21:37	5°♋35'29	1°38'28
minimum elong	-267 Jul 02 j 19:38	5°♋25'10	1°38'19
max. Earth dist.	-267 Jul 06 j 21:12	13°♋43'25	1.35206 AU
evening rise	-267 Jul 11 j 06:27	22°♋17'40	
	-267 Jul 15 j 10:19	0°♌	
desc. node	-267 Jul 30 j 14:01	24°♌36'30	
	-267 Aug 03 j 10:07	0°♍	
evening max el	-267 Aug 15 j 15:10	14°♍25'06	26°41'52
retrograde	-267 Aug 28 j 14:46	21°♍40'08	
evening set	-267 Sep 04 j 06:22	18°♍56'18	
min. Earth dist.	-267 Sep 08 j 06:42	14°♍48'49	0.65878 AU
inferior conj	-267 Sep 09 j 23:56	12°♍46'04	-2°12'49
minimum elong	-267 Sep 10 j 03:16	12°♍36'08	2°11'33
morning rise	-267 Sep 16 j 00:38	7°♍02'20	
asc. node	-267 Sep 16 j 17:13	6°♍42'26	
direct	-267 Sep 18 j 22:53	6°♍14'22	
morning max el	-267 Sep 25 j 14:28	9°♍53'58	18°29'43
	-267 Oct 09 j 17:10	0°♎	
morning set	-267 Oct 15 j 12:23	9°♎20'37	
desc. node	-267 Oct 26 j 13:19	26°♎58'36	
	-267 Oct 28 j 11:14	0°♏	
superior conj	-267 Oct 31 j 01:29	4°♏05'13	-0°29'15
minimum elong	-267 Oct 30 j 21:38	3°♏50'04	0°28'44
max. Earth dist.	-267 Nov 01 j 03:25	5°♏47'11	1.45026 AU
evening rise	-267 Nov 16 j 05:44	29°♏32'23	
	-267 Nov 16 j 12:43	0°♐	
greatest brilliancy	-267 Nov 25 j 18:08	14°♐32'45	-0.8m
	-267 Dec 06 j 10:08	0°♑	
evening max el	-267 Dec 08 j 21:31	2°♑49'02	19°09'20
asc. node	-267 Dec 13 j 16:27	6°♑22'03	
retrograde	-267 Dec 15 j 21:14	6°♑48'45	
evening set	-267 Dec 19 j 04:40	5°♑45'04	
inferior conj	-267 Dec 24 j 19:46	29°♐55'30	3°10'57
minimum elong	-267 Dec 24 j 17:01	0°♑04'12	3°10'19
	-267 Dec 24 j 18:21	30°℞♐	
min. Earth dist.	-267 Dec 26 j 06:02	28°♐06'56	0.65864 AU
morning rise	-267 Dec 30 j 05:07	23°♐45'09	
direct	-266 Jan 05 j 15:30	20°♐56'02	
morning max el	-266 Jan 18 j 09:44	28°♐26'41	26°23'51
	-266 Jan 19 j 21:44	0°♑	
desc. node	-266 Jan 22 j 12:28	2°♑55'06	
	-266 Feb 10 j 18:32	0°♒	
morning set	-266 Feb 23 j 12:22	22°♒12'47	
max. Earth dist.	-266 Feb 27 j 14:59	0°♓06'56	1.35016 AU
	-266 Feb 27 j 13:34	0°♓	
superior conj	-266 Mar 04 j 08:00	9°♓35'11	-1°10'44
minimum elong	-266 Mar 04 j 11:16	9°♓51'53	1°10'11
asc. node	-266 Mar 11 j 15:48	24°♓47'20	
evening rise	-266 Mar 12 j 00:27	25°♓31'55	
	-266 Mar 14 j 05:03	0°♈	
evening max el	-266 Mar 30 j 21:18	26°♈01'50	20°43'55
	-266 Apr 05 j 07:02	0°♉	
retrograde	-266 Apr 11 j 03:06	1°♉27'05	
evening set	-266 Apr 13 j 07:41	1°♉15'33	
	-266 Apr 17 j 09:02	30°℞♈	
desc. node	-266 Apr 20 j 11:38	28°♈27'27	
inferior conj	-266 Apr 22 j 12:58	27°♈17'58	-0°35'20
minimum elong	-266 Apr 22 j 11:18	27°♈20'22	0°34'43
min. Earth dist.	-266 Apr 23 j 14:58	26°♈40'46	0.55090 AU
morning rise	-266 May 01 j 14:09	23°♈07'58	
direct	-266 May 05 j 00:48	22°♈42'21	
morning max el	-266 May 18 j 05:22	29°♈04'56	22°59'15
	-266 May 19 j 04:04	0°♉	
asc. node	-266 Jun 07 j 15:07	0°♊14'06	
	-266 Jun 07 j 12:20	0°♊	
morning set	-266 Jun 09 j 23:17	5°♊03'47	
superior conj	-266 Jun 17 j 02:26	20°♊16'30	1°25'16
minimum elong	-266 Jun 16 j 23:57	20°♊03'18	1°24'58
max. Earth dist.	-266 Jun 19 j 18:16	25°♊53'59	1.33918 AU
	-266 Jun 21 j 17:43	0°♋	
evening rise	-266 Jun 24 j 19:14	6°♋10'32	
	-266 Jul 08 j 01:05	0°♌	
desc. node	-266 Jul 17 j 11:00	14°♌04'12	
evening max el	-266 Jul 29 j 02:58	27°♌48'15	27°17'24
	-266 Jul 31 j 13:38	0°♍	
retrograde	-266 Aug 11 j 13:36	5°♍07'30	
evening set	-266 Aug 18 j 15:09	2°♍22'35	
	-266 Aug 21 j 06:32	30°℞♌	
min. Earth dist.	-266 Aug 22 j 08:58	28°♌51'34	0.64588 AU
inferior conj	-266 Aug 24 j 15:18	26°♌23'45	-3°05'52
minimum elong	-266 Aug 24 j 19:42	26°♌11'45	3°04'28
morning rise	-266 Aug 31 j 01:01	20°♌55'09	
direct	-266 Sep 02 j 17:18	20°♌17'46	
asc. node	-266 Sep 03 j 14:18	20°♌21'48	
morning max el	-266 Sep 09 j 05:27	23°♌45'54	18°02'38
	-266 Sep 14 j 05:25	0°♍	
morning set	-266 Sep 26 j 21:28	20°♍36'19	
	-266 Oct 02 j 12:09	0°♎	
superior conj	-266 Oct 10 j 10:47	12°♎58'30	0°19'36
minimum elong	-266 Oct 10 j 13:05	13°♎07'44	0°19'16
desc. node	-266 Oct 13 j 10:22	17°♎44'47	
max. Earth dist.	-266 Oct 14 j 22:13	20°♎07'09	1.44610 AU
	-266 Oct 21 j 05:10	0°♏	
evening rise	-266 Oct 26 j 20:46	8°♏45'55	
greatest brilliancy	-266 Nov 09 j 18:11	29°♏53'55	-0.6m
	-266 Nov 09 j 19:50	0°♐	
evening max el	-266 Nov 22 j 02:47	16°♐17'24	20°02'55
retrograde	-266 Nov 29 j 18:45	20°♐46'56	
asc. node	-266 Nov 30 j 13:31	20°♐43'27	
evening set	-266 Dec 03 j 10:15	19°♐29'21	
inferior conj	-266 Dec 08 j 21:23	13°♐26'23	2°34'54
minimum elong	-266 Dec 08 j 18:37	13°♐35'37	2°34'02
min. Earth dist.	-266 Dec 09 j 18:10	12°♐16'57	0.66817 AU
morning rise	-266 Dec 14 j 02:49	7°♐13'26	
direct	-266 Dec 19 j 23:24	4°♐37'51	
morning max el	-266 Dec 31 j 18:31	11°♐38'51	25°07'49
desc. node	-265 Jan 09 j 09:33	21°♐42'18	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-265 Jan 15 j 12:02	0°♉	
	-265 Feb 03 j 11:24	0°♒	
morning set	-265 Feb 05 j 23:51	4°♒27'15	
max. Earth dist.	-265 Feb 09 j 16:25	11°♒11'44	1.36761 AU
superior conj	-265 Feb 15 j 21:16	23°♒05'49	-1°33'56
minimum elong	-265 Feb 16 j 01:05	23°♒24'40	1°33'28
	-265 Feb 19 j 08:19	0°♓	
evening rise	-265 Feb 24 j 04:00	9°♓44'09	
asc. node	-265 Feb 26 j 12:51	14°♓27'18	
	-265 Mar 07 j 06:39	0°♈	
evening max el	-265 Mar 13 j 10:21	7°♈39'50	19°35'08
retrograde	-265 Mar 22 j 23:10	12°♈14'21	
evening set	-265 Mar 25 j 02:46	12°♈01'25	
inferior conj	-265 Apr 02 j 16:20	7°♈56'50	1°18'02
minimum elong	-265 Apr 02 j 19:28	7°♈51'51	1°17'00
min. Earth dist.	-265 Apr 05 j 05:19	6°♈20'04	0.55961 AU
desc. node	-265 Apr 07 j 08:41	5°♈04'26	
morning rise	-265 Apr 11 j 09:36	3°♈16'22	
direct	-265 Apr 15 j 19:32	2°♈32'37	
morning max el	-265 Apr 29 j 20:35	9°♈36'52	24°40'02
	-265 May 15 j 01:01	0°♉	
morning set	-265 May 25 j 11:16	20°♉02'44	
asc. node	-265 May 25 j 12:10	20°♉07'30	
	-265 May 30 j 02:28	0°♊	
superior conj	-265 Jun 01 j 11:28	5°♊10'00	1°07'39
minimum elong	-265 Jun 01 j 09:03	4°♊56'56	1°07'16
max. Earth dist.	-265 Jun 02 j 23:44	8°♊26'19	1.33016 AU
evening rise	-265 Jun 08 j 17:43	20°♊32'20	
	-265 Jun 13 j 12:59	0°♋	
	-265 Jul 02 j 03:17	0°♌	
desc. node	-265 Jul 04 j 08:01	2°♌49'14	
evening max el	-265 Jul 11 j 12:34	10°♌46'05	27°24'15
retrograde	-265 Jul 25 j 06:24	18°♌05'14	
evening set	-265 Aug 01 j 11:27	15°♌31'14	
min. Earth dist.	-265 Aug 05 j 01:20	12°♌31'16	0.62938 AU
inferior conj	-265 Aug 07 j 20:46	9°♌46'50	-3°52'52
minimum elong	-265 Aug 08 j 01:27	9°♌35'22	3°51'46
morning rise	-265 Aug 14 j 16:40	4°♌36'42	
direct	-265 Aug 17 j 05:22	4°♌06'56	
asc. node	-265 Aug 21 j 11:24	5°♌32'32	
morning max el	-265 Aug 23 j 21:06	7°♌32'08	17°53'18
	-265 Sep 07 j 13:34	0°♍	
morning set	-265 Sep 09 j 06:03	2°♍59'05	
superior conj	-265 Sep 20 j 20:38	23°♍05'25	1°00'03
minimum elong	-265 Sep 21 j 01:38	23°♍26'21	0°59'27
	-265 Sep 25 j 00:40	0°♎	
max. Earth dist.	-265 Sep 27 j 13:45	4°♎08'22	1.43514 AU
desc. node	-265 Sep 30 j 07:23	8°♎31'30	
evening rise	-265 Oct 06 j 03:27	17°♎41'33	
	-265 Oct 14 j 05:02	0°♏	
evening max el	-265 Nov 05 j 02:19	29°♏45'28	21°09'44
	-265 Nov 05 j 08:02	0°♐	
retrograde	-265 Nov 13 j 16:12	4°♐51'09	
asc. node	-265 Nov 17 j 10:36	3°♐31'09	
evening set	-265 Nov 17 j 17:45	3°♐17'51	
	-265 Nov 20 j 22:07	30°℞♏	
inferior conj	-265 Nov 23 j 02:39	27°♏04'50	1°51'35
minimum elong	-265 Nov 23 j 00:22	27°♏12'41	1°50'44
min. Earth dist.	-265 Nov 23 j 11:33	26°♏34'13	0.67399 AU
morning rise	-265 Nov 28 j 06:50	20°♏51'17	
direct	-265 Dec 03 j 12:14	18°♏35'30	
morning max el	-265 Dec 14 j 03:18	24°♏55'34	23°41'28
	-265 Dec 18 j 17:08	0°♐	
desc. node	-265 Dec 27 j 06:37	11°♐08'40	

	-264 Jan 09 j 00:07	0°♉	
morning set	-264 Jan 18 j 12:04	15°♉30'09	
max. Earth dist.	-264 Jan 22 j 11:46	22°♉24'27	1.38803 AU
	-264 Jan 26 j 17:09	0°♒	
superior conj	-264 Jan 29 j 21:26	5°♒54'04	-1°51'54
minimum elong	-264 Jan 30 j 00:41	6°♒09'25	1°51'40
evening rise	-264 Feb 08 j 00:10	23°♒29'10	
	-264 Feb 11 j 09:16	0°♓	
asc. node	-264 Feb 13 j 09:54	3°♓47'02	
evening max el	-264 Feb 24 j 09:40	19°♓55'12	18°46'02
retrograde	-264 Mar 03 j 11:54	23°♓50'44	
evening set	-264 Mar 05 j 20:00	23°♓32'21	
inferior conj	-264 Mar 13 j 14:39	19°♓11'08	2°42'23
minimum elong	-264 Mar 13 j 19:01	19°♓03'03	2°41'17
min. Earth dist.	-264 Mar 16 j 22:13	16°♓44'53	0.57572 AU
morning rise	-264 Mar 21 j 15:05	13°♓58'14	
desc. node	-264 Mar 24 j 05:44	13°♓04'06	
direct	-264 Mar 27 j 04:16	12°♓42'42	
morning max el	-264 Apr 10 j 12:26	20°♓13'35	26°10'04
	-264 Apr 18 j 21:21	0°♈	
	-264 May 06 j 12:37	0°♉	
morning set	-264 May 08 j 22:39	4°♉59'53	
asc. node	-264 May 11 j 09:13	10°♉11'50	
superior conj	-264 May 15 j 22:45	20°♉09'27	0°46'36
minimum elong	-264 May 15 j 20:52	19°♉59'06	0°46'14
max. Earth dist.	-264 May 16 j 10:39	21°♉14'37	1.32495 AU
	-264 May 20 j 11:26	0°♊	
evening rise	-264 May 22 j 22:52	5°♊13'46	
	-264 Jun 05 j 04:45	0°♋	
desc. node	-264 Jun 20 j 05:02	20°♋33'38	
evening max el	-264 Jun 22 j 17:35	23°♋06'48	26°58'31
	-264 Jul 03 j 15:02	0°♌	
retrograde	-264 Jul 06 j 16:17	0°♌23'55	
	-264 Jul 09 j 15:59	30°℞♋	
evening set	-264 Jul 13 j 14:59	28°♋15'05	
min. Earth dist.	-264 Jul 17 j 07:33	25°♋33'58	0.61000 AU
inferior conj	-264 Jul 20 j 13:04	22°♋47'31	-4°28'22
minimum elong	-264 Jul 20 j 16:35	22°♋39'55	4°27'54
morning rise	-264 Jul 27 j 19:56	17°♋58'29	
direct	-264 Jul 30 j 07:20	17°♋33'57	
morning max el	-264 Aug 06 j 10:27	21°♋05'16	18°02'45
asc. node	-264 Aug 07 j 08:27	22°♋01'34	
	-264 Aug 13 j 04:45	0°♌	
morning set	-264 Aug 22 j 08:14	16°♌12'32	
	-264 Aug 29 j 20:33	0°♍	
superior conj	-264 Sep 01 j 09:40	4°♍32'44	1°27'38
minimum elong	-264 Sep 01 j 13:55	4°♍51'33	1°27'16
max. Earth dist.	-264 Sep 08 j 23:43	17°♍34'30	1.41888 AU
evening rise	-264 Sep 14 j 20:02	27°♍07'01	
desc. node	-264 Sep 16 j 04:24	29°♍15'43	
	-264 Sep 16 j 15:36	0°♎	
	-264 Oct 06 j 23:28	0°♏	
evening max el	-264 Oct 17 j 20:12	13°♏14'27	22°25'55
retrograde	-264 Oct 27 j 11:46	18°♏58'41	
evening set	-264 Nov 01 j 01:22	17°♏08'07	
asc. node	-264 Nov 03 j 07:40	14°♏51'33	
inferior conj	-264 Nov 06 j 09:36	10°♏48'49	1°02'49
minimum elong	-264 Nov 06 j 08:11	10°♏53'42	1°02'14
min. Earth dist.	-264 Nov 06 j 07:45	10°♏55'12	0.67646 AU
morning rise	-264 Nov 11 j 14:52	4°♏36'55	
direct	-264 Nov 16 j 05:18	2°♏43'25	
morning max el	-264 Nov 25 j 14:51	8°♏16'59	22°14'22
	-264 Dec 12 j 10:20	0°♐	
desc. node	-264 Dec 13 j 03:39	1°♐02'58	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-264 Dec 28 j 19:32	25°♐08'20		
	-264 Dec 31 j 18:54	0°♑		
max. Earth dist.	-263 Jan 03 j 08:36	4°♑17'11	1.40913 AU	
superior conj	-263 Jan 11 j 03:34	17°♑47'06	-2°01'07	
minimum elong	-263 Jan 11 j 04:26	17°♑51'00	2°01'06	
	-263 Jan 17 j 20:18	0°♒		
evening rise	-263 Jan 21 j 09:40	6°♒38'25		
asc. node	-263 Jan 30 j 06:56	22°♒38'54		
	-263 Feb 04 j 07:09	0°♓		
evening max el	-263 Feb 06 j 16:26	2°♓39'38	18°17'00	
retrograde	-263 Feb 13 j 19:07	6°♓12'10		
evening set	-263 Feb 16 j 08:19	5°♓45'53		
inferior conj	-263 Feb 23 j 09:53	1°♓03'59	3°31'19	
minimum elong	-263 Feb 23 j 12:42	0°♓57'54	3°30'54	
	-263 Feb 24 j 15:20	30°♓℞		
min. Earth dist.	-263 Feb 26 j 19:31	28°♒09'11	0.59599 AU	
morning rise	-263 Mar 02 j 14:51	25°♒27'04		
direct	-263 Mar 09 j 01:58	23°♒33'14		
desc. node	-263 Mar 11 j 02:47	23°♒44'10		
	-263 Mar 22 j 00:12	0°♓		
morning max el	-263 Mar 23 j 09:03	1°♓17'44	27°14'55	
	-263 Apr 13 j 00:28	0°♈		
morning set	-263 Apr 23 j 07:38	19°♈47'59		
asc. node	-263 Apr 28 j 06:14	0°♉21'36		
	-263 Apr 28 j 02:16	0°♉		
superior conj	-263 Apr 30 j 10:28	5°♉07'33	0°22'52	
minimum elong	-263 Apr 30 j 09:28	5°♉02'01	0°22'39	
max. Earth dist.	-263 Apr 29 j 23:22	4°♉06'35	1.32343 AU	
evening rise	-263 May 07 j 08:09	20°♉05'26		
	-263 May 12 j 05:06	0°♊		
	-263 May 31 j 06:04	0°♋		
evening max el	-263 Jun 04 j 16:09	4°♋42'45	26°00'45	
desc. node	-263 Jun 07 j 02:03	6°♋51'24		
retrograde	-263 Jun 18 j 17:26	11°♋55'42		
evening set	-263 Jun 24 j 21:14	10°♋23'37		
min. Earth dist.	-263 Jun 29 j 04:53	7°♋44'19	0.58940 AU	
inferior conj	-263 Jul 02 j 12:33	5°♋15'47	-4°43'39	
minimum elong	-263 Jul 02 j 12:51	5°♋15'13	4°43'38	
morning rise	-263 Jul 10 j 06:47	0°♋48'59		
direct	-263 Jul 12 j 18:56	0°♋27'54		
morning max el	-263 Jul 20 j 18:21	4°♋16'03	18°32'10	
asc. node	-263 Jul 25 j 05:29	9°♋32'58		
morning set	-263 Aug 05 j 23:01	0°♌03'09		
	-263 Aug 05 j 22:22	0°♌		
superior conj	-263 Aug 14 j 21:21	17°♌07'28	1°42'43	
minimum elong	-263 Aug 14 j 23:30	17°♌17'30	1°42'36	
max. Earth dist.	-263 Aug 22 j 04:36	0°♍18'05	1.39944 AU	
	-263 Aug 22 j 00:28	0°♍		
evening rise	-263 Aug 26 j 11:05	7°♍35'55		
desc. node	-263 Sep 03 j 01:25	19°♍53'44		
	-263 Sep 09 j 16:54	0°♎		
evening max el	-263 Sep 30 j 09:58	26°♎46'41	23°46'10	
	-263 Oct 04 j 00:19	0°♏		
retrograde	-263 Oct 11 j 04:06	3°♏06'57		
evening set	-263 Oct 16 j 07:29	0°♏58'20		
	-263 Oct 17 j 08:30	30°♑℞♎		
min. Earth dist.	-263 Oct 21 j 04:16	25°♎18'08	0.67573 AU	
asc. node	-263 Oct 21 j 04:41	25°♎16'43		
inferior conj	-263 Oct 21 j 16:27	24°♎36'38	0°10'10	
minimum elong	-263 Oct 21 j 16:12	24°♎37'28	0°10'03	
transit middle	-263 Oct 21 j 16:12	24°♎37'28	0°10'03	
transit begin	-263 Oct 21 j 14:04	24°♎44'45		
transit end	-263 Oct 21 j 18:21	24°♎30'12		
morning rise	-263 Oct 27 j 00:52	18°♎29'01		
direct	-263 Oct 31 j 01:32	16°♎57'27		
morning max el	-263 Nov 08 j 08:32	21°♎47'18	20°54'20	
	-263 Nov 15 j 05:49	0°♏		
desc. node	-263 Nov 30 j 00:41	21°♏17'32		
	-263 Dec 05 j 17:26	0°♐		
morning set	-263 Dec 08 j 00:45	3°♐34'51		
max. Earth dist.	-263 Dec 16 j 12:54	17°♐07'23	1.42798 AU	
superior conj	-263 Dec 23 j 10:19	28°♐32'46	-1°57'10	
minimum elong	-263 Dec 23 j 06:47	28°♐17'54	1°57'02	
	-263 Dec 24 j 06:54	0°♑		
evening rise	-262 Jan 04 j 04:41	19°♑04'17		
	-262 Jan 10 j 08:44	0°♒		
asc. node	-262 Jan 17 j 03:58	10°♒54'23		
evening max el	-262 Jan 21 j 03:34	15°♒44'32	18°07'40	
retrograde	-262 Jan 27 j 17:57	19°♒09'30		
evening set	-262 Jan 30 j 11:39	18°♒34'02		
inferior conj	-262 Feb 05 j 23:34	13°♒30'50	3°50'11	
minimum elong	-262 Feb 06 j 00:05	13°♒29'32	3°50'11	
min. Earth dist.	-262 Feb 08 j 23:56	10°♒32'32	0.61689 AU	
morning rise	-262 Feb 12 j 11:14	7°♒38'29		
direct	-262 Feb 19 j 09:41	5°♒11'46		
desc. node	-262 Feb 25 j 23:50	7°♒07'41		
morning max el	-262 Mar 05 j 11:53	13°♒02'05	27°45'15	
	-262 Mar 19 j 01:05	0°♓		
	-262 Apr 05 j 08:36	0°♈		
morning set	-262 Apr 07 j 12:19	4°♈20'36		
max. Earth dist.	-262 Apr 13 j 10:14	16°♈49'48	1.32561 AU	
superior conj	-262 Apr 14 j 20:58	19°♈58'31	-0°02'47	
minimum elong	-262 Apr 14 j 21:06	19°♈59'14	0°02'46	
behind sun begin	-262 Apr 14 j 16:04	19°♈31'46		
behind sun end	-262 Apr 15 j 02:09	20°♈26'42		
asc. node	-262 Apr 15 j 03:16	20°♈32'47		
	-262 Apr 19 j 11:26	0°♉		
evening rise	-262 Apr 21 j 19:34	5°♉00'24		
	-262 May 05 j 03:54	0°♊		
evening max el	-262 May 17 j 08:39	15°♊38'01	24°37'52	
desc. node	-262 May 24 j 23:04	21°♊09'17		
retrograde	-262 May 31 j 07:19	22°♊41'08		
evening set	-262 Jun 05 j 04:33	21°♊47'19		
min. Earth dist.	-262 Jun 10 j 20:06	18°♊53'19	0.57035 AU	
inferior conj	-262 Jun 13 j 16:19	17°♊02'55	-4°26'38	
minimum elong	-262 Jun 13 j 11:59	17°♊10'00	4°26'06	
morning rise	-262 Jun 21 j 22:12	12°♊56'30		
direct	-262 Jun 24 j 12:27	12°♊37'44		
morning max el	-262 Jul 03 j 17:54	16°♊55'19	19°22'28	
asc. node	-262 Jul 12 j 02:30	27°♊53'00		
	-262 Jul 13 j 08:36	0°♋		
morning set	-262 Jul 20 j 22:40	14°♋20'55		
	-262 Jul 28 j 19:08	0°♌		
superior conj	-262 Jul 29 j 02:02	0°♌33'45	1°47'19	
minimum elong	-262 Jul 29 j 02:07	0°♌34'09	1°47'18	
max. Earth dist.	-262 Aug 04 j 07:50	12°♌24'57	1.37939 AU	
evening rise	-262 Aug 08 j 02:53	19°♌15'08		
	-262 Aug 14 j 10:11	0°♍		
desc. node	-262 Aug 20 j 22:25	10°♍20'47		
	-262 Sep 03 j 20:37	0°♎		
evening max el	-262 Sep 12 j 21:42	10°♎22'06	25°03'41	
retrograde	-262 Sep 24 j 16:16	17°♎11'30		
evening set	-262 Sep 30 j 10:22	14°♎45'42		
min. Earth dist.	-262 Oct 04 j 22:38	9°♎40'22	0.67181 AU	
inferior conj	-262 Oct 05 j 21:28	8°♎25'26	-0°44'59	
minimum elong	-262 Oct 05 j 22:35	8°♎21'45	0°44'29	
asc. node	-262 Oct 08 j 01:43	5°♎39'44		
morning rise	-262 Oct 11 j 10:55	2°♎24'56		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-262 Oct 14 j 23:34	1°♎13'03		
morning max el	-262 Oct 22 j 09:56	5°♎27'50	19°46'20	
	-262 Nov 09 j 05:49	0°♏		
morning set	-262 Nov 16 j 21:41	11°♏45'58		
desc. node	-262 Nov 16 j 21:42	11°♏46'03		
	-262 Nov 28 j 13:15	0°♐		
max. Earth dist.	-262 Nov 29 j 01:00	0°♐46'41	1.44194 AU	
superior conj	-262 Dec 03 j 14:05	8°♐03'40	-1°35'54	
minimum elong	-262 Dec 03 j 06:21	7°♐32'28	1°35'13	
	-262 Dec 16 j 19:50	0°♑		
evening rise	-262 Dec 17 j 04:53	0°♑38'22		
asc. node	-261 Jan 04 j 01:00	28°♑22'07		
evening max el	-261 Jan 04 j 16:05	29°♑01'41	18°17'27	
	-261 Jan 05 j 16:40	0°♒		
retrograde	-261 Jan 11 j 03:57	2°♒32'05		
evening set	-261 Jan 14 j 02:07	1°♒46'41		
	-261 Jan 16 j 15:02	30°℞♑		
inferior conj	-261 Jan 20 j 03:46	26°♑23'30	3°46'49	
minimum elong	-261 Jan 20 j 02:25	26°♑27'14	3°46'44	
min. Earth dist.	-261 Jan 22 j 13:44	23°♑42'43	0.63582 AU	
morning rise	-261 Jan 26 j 02:03	20°♑21'22		
direct	-261 Feb 02 j 01:29	17°♑34'39		
desc. node	-261 Feb 12 j 20:52	22°♑41'46		
morning max el	-261 Feb 15 j 19:34	25°♑25'11	27°38'46	
	-261 Feb 20 j 01:01	0°♒		
	-261 Mar 12 j 12:06	0°♓		
morning set	-261 Mar 22 j 10:20	18°♓29'40		
max. Earth dist.	-261 Mar 27 j 15:14	29°♓10'31	1.33168 AU	
	-261 Mar 28 j 00:36	0°♈		
superior conj	-261 Mar 30 j 04:31	4°♈36'21	-0°29'26	
minimum elong	-261 Mar 30 j 05:55	4°♈43'54	0°29'09	
asc. node	-261 Apr 02 j 00:18	10°♈41'11		
evening rise	-261 Apr 06 j 07:16	19°♈51'54		
	-261 Apr 11 j 06:51	0°♉		
evening max el	-261 Apr 28 j 23:26	26°♉13'01	23°03'12	
	-261 May 03 j 15:29	0°♊		
desc. node	-261 May 11 j 20:04	2°♊51'53		
retrograde	-261 May 12 j 08:51	2°♊52'32		
evening set	-261 May 15 j 19:47	2°♊26'20		
	-261 May 21 j 17:19	30°℞♉		
min. Earth dist.	-261 May 23 j 08:51	29°♉04'37	0.55619 AU	
inferior conj	-261 May 25 j 00:41	28°♉06'46	-3°26'12	
minimum elong	-261 May 24 j 17:31	28°♉17'13	3°24'22	
morning rise	-261 Jun 02 j 17:48	24°♉12'33		
direct	-261 Jun 05 j 11:13	23°♉54'51		
morning max el	-261 Jun 16 j 07:01	28°♉55'42	20°33'31	
	-261 Jun 17 j 09:29	0°♊		
asc. node	-261 Jun 28 j 23:33	16°♊50'27		
morning set	-261 Jul 05 j 04:26	28°♊58'43		
	-261 Jul 05 j 16:24	0°♋		
superior conj	-261 Jul 12 j 18:57	14°♋38'20	1°43'38	
minimum elong	-261 Jul 12 j 17:32	14°♋31'05	1°43'33	
max. Earth dist.	-261 Jul 17 j 14:43	24°♋14'55	1.36106 AU	
	-261 Jul 20 j 14:55	0°♌		
evening rise	-261 Jul 21 j 16:02	1°♌57'09		
	-261 Aug 07 j 11:00	0°♍		
desc. node	-261 Aug 07 j 19:27	0°♍31'28		
evening max el	-261 Aug 26 j 09:11	23°♍58'32	26°10'52	
	-261 Sep 03 j 10:33	0°♎		
retrograde	-261 Sep 07 j 23:44	1°♎07'34		
	-261 Sep 12 j 03:54	30°℞♍		
evening set	-261 Sep 14 j 08:09	28°♍28'11		
min. Earth dist.	-261 Sep 18 j 12:33	23°♍59'33	0.66455 AU	
inferior conj	-261 Sep 19 j 22:52	22°♍13'09	-1°40'56	
minimum elong	-261 Sep 20 j 01:25	22°♍05'13	1°39'54	
asc. node	-261 Sep 24 j 22:45	16°♍56'24		
morning rise	-261 Sep 25 j 19:02	16°♍22'38		
direct	-261 Sep 28 j 21:49	15°♍27'07		
morning max el	-261 Oct 05 j 18:23	19°♍16'52	18°53'06	
	-261 Oct 14 j 00:51	0°♎		
morning set	-261 Oct 27 j 10:39	20°♎50'49		
	-261 Nov 02 j 06:02	0°♏		
desc. node	-261 Nov 03 j 18:46	2°♏24'24		
max. Earth dist.	-261 Nov 11 j 17:56	14°♏55'28	1.44929 AU	
superior conj	-261 Nov 12 j 19:50	16°♏37'25	-0°56'58	
minimum elong	-261 Nov 12 j 12:51	16°♏09'54	0°56'07	
	-261 Nov 21 j 06:29	0°♐		
evening rise	-261 Nov 28 j 06:27	11°♐14'39		
	-261 Dec 09 j 22:56	0°♑		
evening max el	-261 Dec 19 j 03:26	12°♑25'48	18°45'27	
asc. node	-261 Dec 21 j 22:03	14°♑49'03		
retrograde	-261 Dec 25 j 20:54	16°♑12'31		
evening set	-261 Dec 29 j 00:27	15°♑16'02		
inferior conj	-260 Jan 03 j 18:43	9°♑35'15	3°27'32	
minimum elong	-260 Jan 03 j 16:17	9°♑42'42	3°27'05	
min. Earth dist.	-260 Jan 05 j 13:24	7°♑25'23	0.65138 AU	
morning rise	-260 Jan 09 j 07:44	3°♑26'56		
direct	-260 Jan 16 j 00:18	0°♑34'49		
morning max el	-260 Jan 29 j 05:20	8°♑16'58	26°58'57	
desc. node	-260 Jan 30 j 17:56	9°♑51'34		
	-260 Feb 15 j 04:13	0°♒		
	-260 Mar 03 j 20:21	0°♓		
morning set	-260 Mar 04 j 22:32	2°♓05'07		
max. Earth dist.	-260 Mar 09 j 10:29	10°♓57'55	1.34208 AU	
superior conj	-260 Mar 13 j 07:04	18°♓54'21	-0°56'02	
minimum elong	-260 Mar 13 j 09:43	19°♓08'14	0°55'32	
asc. node	-260 Mar 18 j 21:22	0°♈42'20		
	-260 Mar 18 j 13:20	0°♈		
evening rise	-260 Mar 20 j 17:26	4°♈33'16		
	-260 Apr 03 j 21:53	0°♉		
evening max el	-260 Apr 09 j 19:39	6°♉57'40	21°31'14	
retrograde	-260 Apr 22 j 00:23	12°♉53'57		
evening set	-260 Apr 24 j 10:53	12°♉40'27		
desc. node	-260 Apr 27 j 17:06	11°♉43'56		
inferior conj	-260 May 03 j 20:27	8°♉39'06	-1°44'07	
minimum elong	-260 May 03 j 15:38	8°♉45'51	1°42'27	
min. Earth dist.	-260 May 03 j 21:48	8°♉37'12	0.55004 AU	
morning rise	-260 May 12 j 21:04	4°♉40'09		
direct	-260 May 15 j 22:19	4°♉19'46		
morning max el	-260 May 28 j 09:15	10°♉13'29	22°02'33	
	-260 Jun 11 j 13:29	0°♊		
asc. node	-260 Jun 14 j 20:37	6°♊15'17		
morning set	-260 Jun 18 j 14:02	13°♊49'09		
superior conj	-260 Jun 25 j 20:18	29°♊08'50	1°33'29	
minimum elong	-260 Jun 25 j 18:02	28°♊56'55	1°33'16	
	-260 Jun 26 j 06:03	0°♋		
max. Earth dist.	-260 Jun 29 j 05:51	6°♋11'53	1.34603 AU	
evening rise	-260 Jul 03 j 21:31	15°♋27'53		
	-260 Jul 11 j 19:35	0°♌		
desc. node	-260 Jul 24 j 16:28	20°♌17'32		
	-260 Aug 01 j 01:02	0°♍		
evening max el	-260 Aug 07 j 20:59	7°♍28'51	27°00'05	
retrograde	-260 Aug 21 j 02:06	14°♍47'23		
evening set	-260 Aug 27 j 22:29	12°♍01'32		
min. Earth dist.	-260 Aug 31 j 19:44	8°♍10'00	0.65370 AU	
inferior conj	-260 Sep 02 j 18:33	5°♍55'29	-2°35'49	
minimum elong	-260 Sep 02 j 22:24	5°♍44'26	2°34'28	
morning rise	-260 Sep 08 j 22:57	0°♍17'59		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-260 Sep 09 j 15:05	30°℞♌	
asc. node	-260 Sep 10 j 19:49	29°♌39'54	
direct	-260 Sep 11 j 18:16	29°♌35'06	
	-260 Sep 13 j 21:56	0°♍	
morning max el	-260 Sep 18 j 07:43	3°♍09'03	18°16'06
	-260 Oct 06 j 08:21	0°♎	
morning set	-260 Oct 07 j 03:37	1°♎19'03	
desc. node	-260 Oct 20 j 15:49	23°♎08'30	
superior conj	-260 Oct 21 j 21:25	25°♎05'48	-0°08'06
minimum elong	-260 Oct 21 j 20:22	25°♎01'38	0°07'59
behind sun begin	-260 Oct 21 j 10:38	24°♎23'05	
behind sun end	-260 Oct 22 j 06:07	25°♎40'10	
max. Earth dist.	-260 Oct 24 j 12:25	29°♎14'26	1.44930 AU
	-260 Oct 24 j 24:00	0°♏	
evening rise	-260 Nov 07 j 08:26	20°♏53'13	
	-260 Nov 13 j 04:47	0°♐	
greatest brilliancy	-260 Nov 19 j 01:23	9°♐01'54	-0.7m
evening max el	-260 Dec 01 j 11:26	25°♐53'23	19°30'22
asc. node	-260 Dec 07 j 19:05	0°♑00'20	
	-260 Dec 07 j 18:19	0°♑	
retrograde	-260 Dec 08 j 17:31	0°♑05'14	
	-260 Dec 09 j 16:22	30°℞♐	
evening set	-260 Dec 12 j 04:02	28°♐56'05	
inferior conj	-260 Dec 17 j 17:13	23°♐00'30	2°56'43
minimum elong	-260 Dec 17 j 14:24	23°♐09'41	2°55'57
min. Earth dist.	-260 Dec 18 j 21:37	21°♐28'08	0.66310 AU
morning rise	-260 Dec 23 j 00:31	16°♐48'34	
direct	-260 Dec 29 j 05:18	14°♐03'55	
morning max el	-259 Jan 10 j 14:41	21°♐24'31	25°53'26
desc. node	-259 Jan 16 j 15:01	28°♐09'26	
	-259 Jan 18 j 02:35	0°♑	
	-259 Feb 07 j 09:07	0°♒	
morning set	-259 Feb 15 j 20:41	14°♒54'21	
max. Earth dist.	-259 Feb 19 j 17:45	22°♒12'20	1.35704 AU
	-259 Feb 23 j 17:10	0°♓	
superior conj	-259 Feb 25 j 02:08	2°♓45'28	-1°21'02
minimum elong	-259 Feb 25 j 05:43	3°♓03'36	1°20'29
evening rise	-259 Mar 05 j 00:04	18°♓58'23	
asc. node	-259 Mar 05 j 18:26	20°♓31'51	
	-259 Mar 10 j 14:15	0°♈	
evening max el	-259 Mar 23 j 02:23	18°♈14'55	20°12'24
retrograde	-259 Apr 02 j 14:43	23°♈17'32	
evening set	-259 Apr 04 j 17:30	23°♈06'09	
inferior conj	-259 Apr 13 j 17:06	19°♈07'41	0°15'00
minimum elong	-259 Apr 13 j 17:46	19°♈06'40	0°14'46
transit middle	-259 Apr 13 j 17:46	19°♈06'40	0°14'46
transit begin	-259 Apr 13 j 16:17	19°♈08'53	
transit end	-259 Apr 13 j 19:16	19°♈04'27	
desc. node	-259 Apr 14 j 14:08	18°♈36'21	
min. Earth dist.	-259 Apr 15 j 11:48	18°♈04'18	0.55353 AU
morning rise	-259 Apr 22 j 16:13	14°♈45'27	
direct	-259 Apr 26 j 11:44	14°♈13'40	
morning max el	-259 May 10 j 03:00	20°♈56'32	23°42'16
	-259 May 17 j 21:07	0°♉	
asc. node	-259 Jun 01 j 17:43	26°♉00'11	
morning set	-259 Jun 03 j 01:39	28°♉46'35	
	-259 Jun 03 j 15:35	0°♊	
superior conj	-259 Jun 10 j 03:12	13°♊56'15	1°18'16
minimum elong	-259 Jun 10 j 00:42	13°♊42'46	1°17'56
max. Earth dist.	-259 Jun 12 j 06:36	18°♊31'04	1.33490 AU
evening rise	-259 Jun 17 j 14:53	29°♊34'40	
	-259 Jun 17 j 19:57	0°♋	
	-259 Jul 04 j 21:19	0°♌	
desc. node	-259 Jul 11 j 13:27	9°♌28'42	
evening max el	-259 Jul 21 j 08:09	20°♌42'41	27°24'08
retrograde	-259 Aug 03 j 22:36	28°♌02'38	
evening set	-259 Aug 11 j 02:24	25°♌20'54	
min. Earth dist.	-259 Aug 14 j 18:07	22°♌03'48	0.63924 AU
inferior conj	-259 Aug 17 j 06:03	19°♌27'35	-3°26'51
minimum elong	-259 Aug 17 j 10:42	19°♌15'25	3°25'32
morning rise	-259 Aug 23 j 19:59	14°♌06'15	
direct	-259 Aug 26 j 10:20	13°♌32'32	
asc. node	-259 Aug 28 j 16:55	13°♌58'40	
morning max el	-259 Sep 01 j 23:17	16°♌58'46	17°56'22
	-259 Sep 11 j 06:57	0°♍	
morning set	-259 Sep 18 j 23:24	13°♍04'52	
	-259 Sep 28 j 23:10	0°♎	
superior conj	-259 Oct 01 j 15:57	4°♎26'37	0°38'12
minimum elong	-259 Oct 01 j 19:56	4°♎42'50	0°37'41
max. Earth dist.	-259 Oct 07 j 05:43	13°♎26'32	1.44216 AU
desc. node	-259 Oct 07 j 12:50	13°♎54'54	
evening rise	-259 Oct 17 j 17:41	29°♎52'55	
	-259 Oct 17 j 19:31	0°♏	
	-259 Nov 07 j 00:12	0°♐	
evening max el	-259 Nov 14 j 14:23	9°♐21'33	20°30'04
retrograde	-259 Nov 22 j 15:06	14°♐05'44	
asc. node	-259 Nov 24 j 16:09	13°♐41'57	
evening set	-259 Nov 26 j 10:36	12°♐41'50	
inferior conj	-259 Dec 01 j 20:37	6°♐34'27	2°17'18
minimum elong	-259 Dec 01 j 18:00	6°♐43'19	2°16'25
min. Earth dist.	-259 Dec 02 j 12:15	5°♐41'26	0.67105 AU
morning rise	-259 Dec 07 j 01:12	0°♐21'02	
	-259 Dec 07 j 10:55	30°℞♏	
direct	-259 Dec 12 j 15:31	27°♏53'01	
	-259 Dec 18 j 12:27	0°♐	
morning max el	-259 Dec 23 j 22:58	4°♐37'42	24°31'47
desc. node	-258 Jan 03 j 12:04	17°♐14'39	
	-258 Jan 12 j 11:53	0°♑	
morning set	-258 Jan 28 j 23:01	26°♑40'08	
	-258 Jan 30 j 20:11	0°♒	
max. Earth dist.	-258 Feb 01 j 15:18	3°♒14'13	1.37602 AU
superior conj	-258 Feb 08 j 10:20	15°♒59'33	-1°42'23
minimum elong	-258 Feb 08 j 14:06	16°♒17'44	1°42'00
	-258 Feb 15 j 12:40	0°♓	
evening rise	-258 Feb 17 j 00:46	2°♓59'38	
asc. node	-258 Feb 20 j 15:28	10°♓03'52	
	-258 Mar 05 j 16:07	0°♈	
evening max el	-258 Mar 05 j 20:09	0°♈09'48	19°11'49
retrograde	-258 Mar 14 j 16:45	4°♈25'18	
evening set	-258 Mar 16 j 22:11	4°♈10'20	
inferior conj	-258 Mar 25 j 03:45	29°♓59'38	1°58'06
minimum elong	-258 Mar 25 j 07:52	29°♓52'40	1°56'51
	-258 Mar 25 j 03:32	30°℞♓	
min. Earth dist.	-258 Mar 28 j 02:57	27°♓59'56	0.56582 AU
desc. node	-258 Apr 01 j 11:11	25°♓33'18	
morning rise	-258 Apr 02 j 14:39	25°♓05'05	
direct	-258 Apr 07 j 12:37	24°♓09'02	
	-258 Apr 20 j 04:04	0°♈	
morning max el	-258 Apr 21 j 17:32	1°♈26'00	25°20'24
	-258 May 11 j 16:06	0°♉	
morning set	-258 May 18 j 13:34	13°♉45'09	
asc. node	-258 May 19 j 14:46	15°♉58'37	
superior conj	-258 May 25 j 13:25	28°♉52'46	0°59'06
minimum elong	-258 May 25 j 11:11	28°♉40'34	0°58'42
	-258 May 26 j 01:44	0°♊	
max. Earth dist.	-258 May 26 j 14:53	1°♊11'33	1.32758 AU
evening rise	-258 Jun 01 j 16:34	14°♊06'00	
	-258 Jun 09 j 21:42	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-258 Jun	28 j 10:28	27°♋50'27	
	-258 Jun	30 j 07:53	0°♌	
evening max el	-258 Jul	03 j 16:22	3°♌26'55	27°17'25
retrograde	-258 Jul	17 j 12:27	10°♌44'30	
evening set	-258 Jul	24 j 16:07	8°♌19'55	
min. Earth dist.	-258 Jul	28 j 06:14	5°♌29'33	0.62143 AU
inferior conj	-258 Jul	31 j 06:23	2°♌42'29	-4°09'49
minimum elong	-258 Jul	31 j 10:48	2°♌32'14	4°08'57
	-258 Aug	03 j 08:39	30°℞♋	
morning rise	-258 Aug	07 j 06:51	27°♋40'43	
direct	-258 Aug	09 j 18:47	27°♋13'20	
asc. node	-258 Aug	15 j 13:59	29°♋44'24	
	-258 Aug	15 j 21:09	0°♌	
morning max el	-258 Aug	16 j 14:15	0°♌40'00	17°54'55
morning set	-258 Sep	01 j 16:13	25°♌51'30	
	-258 Sep	03 j 23:21	0°♍	
superior conj	-258 Sep	12 j 13:37	15°♍08'16	1°13'24
minimum elong	-258 Sep	12 j 18:36	15°♍29'36	1°12'51
max. Earth dist.	-258 Sep	19 j 19:27	27°♍16'02	1.42878 AU
	-258 Sep	21 j 11:46	0°♎	
desc. node	-258 Sep	24 j 09:50	4°♎40'54	
evening rise	-258 Sep	27 j 02:32	8°♎56'11	
	-258 Oct	11 j 00:55	0°♏	
evening max el	-258 Oct	28 j 11:33	22°♏50'15	21°41'21
retrograde	-258 Nov	06 j 11:48	28°♏11'40	
evening set	-258 Nov	10 j 18:20	26°♏31'05	
asc. node	-258 Nov	11 j 13:12	25°♏50'20	
inferior conj	-258 Nov	16 j 02:47	20°♏15'09	1°31'28
minimum elong	-258 Nov	16 j 00:50	20°♏21'54	1°30'42
min. Earth dist.	-258 Nov	16 j 07:01	20°♏00'34	0.67546 AU
morning rise	-258 Nov	21 j 07:11	14°♏02'15	
direct	-258 Nov	26 j 06:13	11°♏55'48	
morning max el	-258 Dec	06 j 08:22	17°♏55'30	23°04'04
	-258 Dec	16 j 09:22	0°♐	
desc. node	-258 Dec	21 j 09:06	6°♐53'49	
	-257 Jan	05 j 14:55	0°♑	
morning set	-257 Jan	09 j 23:20	7°♑06'51	
max. Earth dist.	-257 Jan	14 j 10:43	14°♑41'53	1.39715 AU
superior conj	-257 Jan	22 j 03:27	28°♑25'39	-1°57'07
minimum elong	-257 Jan	22 j 05:58	28°♑37'12	1°57'01
	-257 Jan	22 j 23:54	0°♒	
evening rise	-257 Jan	31 j 16:47	16°♒30'06	
asc. node	-257 Feb	07 j 12:29	29°♒12'21	
	-257 Feb	07 j 23:22	0°♓	
evening max el	-257 Feb	16 j 22:57	12°♓37'59	18°31'11
retrograde	-257 Feb	24 j 13:37	16°♓21'48	
evening set	-257 Feb	27 j 00:02	16°♓00'08	
inferior conj	-257 Mar	06 j 11:00	11°♓29'57	3°07'16
minimum elong	-257 Mar	06 j 14:55	11°♓22'10	3°06'27
min. Earth dist.	-257 Mar	09 j 21:02	8°♓48'55	0.58410 AU
morning rise	-257 Mar	14 j 03:10	6°♓05'51	
desc. node	-257 Mar	19 j 08:14	4°♓35'58	
direct	-257 Mar	20 j 02:43	4°♓34'26	
morning max el	-257 Apr	03 j 10:58	12°♓11'22	26°41'28
	-257 Apr	17 j 09:14	0°♈	
morning set	-257 May	03 j 00:08	28°♈39'03	
	-257 May	03 j 15:32	0°♉	
asc. node	-257 May	06 j 11:47	6°♉05'31	
superior conj	-257 May	10 j 01:04	13°♉51'56	0°36'49
minimum elong	-257 May	09 j 23:31	13°♉43'25	0°36'30
max. Earth dist.	-257 May	10 j 03:14	14°♉03'49	1.32392 AU
evening rise	-257 May	16 j 23:44	28°♉52'31	
	-257 May	17 j 12:40	0°♊	
	-257 Jun	03 j 05:48	0°♋	

desc. node	-257 Jun	15 j 07:29	15°♋01'31	
evening max el	-257 Jun	15 j 18:51	15°♋28'54	26°37'32
retrograde	-257 Jun	29 j 18:32	22°♋43'56	
evening set	-257 Jul	06 j 11:04	20°♋49'35	
min. Earth dist.	-257 Jul	10 j 08:09	18°♋11'46	0.60129 AU
inferior conj	-257 Jul	13 j 15:58	15°♋30'27	-4°37'59
minimum elong	-257 Jul	13 j 18:22	15°♋25'32	4°37'47
morning rise	-257 Jul	21 j 03:38	10°♋50'55	
direct	-257 Jul	23 j 15:18	10°♋27'54	
morning max el	-257 Jul	31 j 01:39	14°♋04'33	18°12'48
asc. node	-257 Aug	02 j 11:00	16°♋41'34	
	-257 Aug	10 j 23:09	0°♌	
morning set	-257 Aug	16 j 00:18	9°♌22'12	
superior conj	-257 Aug	25 j 13:02	27°♌06'23	1°35'29
minimum elong	-257 Aug	25 j 16:27	27°♌21'51	1°35'13
	-257 Aug	27 j 03:40	0°♍	
max. Earth dist.	-257 Sep	02 j 03:36	10°♍26'24	1.41086 AU
evening rise	-257 Sep	07 j 03:46	18°♍45'48	
desc. node	-257 Sep	11 j 06:50	25°♍22'44	
	-257 Sep	14 j 05:56	0°♎	
	-257 Oct	05 j 12:38	0°♏	
evening max el	-257 Oct	11 j 03:21	6°♏19'42	22°59'52
retrograde	-257 Oct	21 j 06:07	12°♏19'47	
evening set	-257 Oct	26 j 01:31	10°♏21'15	
asc. node	-257 Oct	29 j 10:14	6°♏41'20	
inferior conj	-257 Oct	31 j 09:53	4°♏00'22	0°40'51
minimum elong	-257 Oct	31 j 08:56	4°♏03'38	0°40'27
min. Earth dist.	-257 Oct	31 j 03:32	4°♏22'14	0.67656 AU
	-257 Nov	03 j 11:47	30°℞♎	
morning rise	-257 Nov	05 j 16:16	27°♎50'11	
direct	-257 Nov	10 j 00:36	26°♎06'25	
	-257 Nov	17 j 12:56	0°♏	
morning max el	-257 Nov	18 j 22:20	1°♏20'27	21°39'10
desc. node	-257 Dec	08 j 06:07	26°♏57'04	
	-257 Dec	10 j 07:10	0°♐	
morning set	-257 Dec	20 j 18:31	16°♐10'16	
max. Earth dist.	-257 Dec	27 j 10:43	26°♐59'42	1.41758 AU
	-257 Dec	29 j 06:00	0°♑	
superior conj	-256 Jan	04 j 00:13	9°♑50'38	-2°01'19
minimum elong	-256 Jan	03 j 23:25	9°♑47'09	2°01'20
evening rise	-256 Jan	14 j 20:37	29°♑21'42	
	-256 Jan	15 j 04:58	0°♒	
asc. node	-256 Jan	25 j 09:31	17°♒49'43	
evening max el	-256 Jan	31 j 07:51	25°♒31'29	18°10'39
retrograde	-256 Feb	07 j 04:12	28°♒59'30	
evening set	-256 Feb	09 j 19:15	28°♒29'31	
inferior conj	-256 Feb	16 j 14:33	23°♒38'20	3°42'31
minimum elong	-256 Feb	16 j 16:23	23°♒34'06	3°42'21
min. Earth dist.	-256 Feb	19 j 21:07	20°♒39'04	0.60488 AU
morning rise	-256 Feb	23 j 11:41	17°♒53'38	
direct	-256 Mar	01 j 04:44	15°♒44'49	
desc. node	-256 Mar	05 j 05:17	16°♒27'58	
morning max el	-256 Mar	15 j 10:32	23°♒32'58	27°32'29
	-256 Mar	21 j 05:50	0°♓	
	-256 Apr	09 j 12:36	0°♈	
morning set	-256 Apr	16 j 07:37	13°♈22'10	
asc. node	-256 Apr	22 j 08:48	26°♈16'42	
max. Earth dist.	-256 Apr	22 j 15:45	26°♈54'41	1.32386 AU
superior conj	-256 Apr	23 j 12:30	28°♈48'09	0°12'12
minimum elong	-256 Apr	23 j 11:57	28°♈45'07	0°12'04
behind sun begin	-256 Apr	23 j 08:40	28°♈27'09	
behind sun end	-256 Apr	23 j 15:13	29°♈03'05	
	-256 Apr	24 j 01:37	0°♉	
evening rise	-256 Apr	30 j 10:12	13°♉46'44	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-256 May 08 j 14:50	0°♊	
evening max el	-256 May 27 j 14:22	26°♊45'49	25°27'49
	-256 May 31 j 09:49	0°♋	
desc. node	-256 Jun 01 j 04:30	0°♋33'18	
retrograde	-256 Jun 10 j 15:24	3°♋56'26	
evening set	-256 Jun 16 j 07:32	2°♋40'49	
min. Earth dist.	-256 Jun 21 j 02:22	29°♊57'14	0.58094 AU
	-256 Jun 21 j 00:43	30°℞♊	
inferior conj	-256 Jun 24 j 07:21	27°♊42'17	-4°41'09
minimum elong	-256 Jun 24 j 05:44	27°♊45'08	4°41'04
morning rise	-256 Jul 02 j 06:35	23°♊25'05	
direct	-256 Jul 04 j 19:28	23°♊05'12	
morning max el	-256 Jul 13 j 06:28	27°♊03'52	18°50'59
	-256 Jul 15 j 23:39	0°♋	
asc. node	-256 Jul 19 j 08:03	4°♋35'25	
morning set	-256 Jul 29 j 19:16	23°♋25'26	
	-256 Aug 02 j 03:38	0°♌	
superior conj	-256 Aug 07 j 08:41	10°♌05'26	1°45'48
minimum elong	-256 Aug 07 j 09:55	10°♌11'16	1°45'46
max. Earth dist.	-256 Aug 14 j 06:53	22°♌51'27	1.39083 AU
evening rise	-256 Aug 18 j 05:34	29°♌44'53	
	-256 Aug 18 j 09:05	0°♍	
desc. node	-256 Aug 28 j 03:51	15°♍56'28	
	-256 Sep 06 j 15:20	0°♎	
evening max el	-256 Sep 22 j 15:46	19°♎52'20	24°19'48
retrograde	-256 Oct 03 j 20:55	26°♎26'48	
evening set	-256 Oct 09 j 06:29	24°♎10'30	
min. Earth dist.	-256 Oct 13 j 23:28	18°♎44'46	0.67445 AU
inferior conj	-256 Oct 14 j 16:10	17°♎48'37	-0°13'02
minimum elong	-256 Oct 14 j 16:29	17°♎47'33	0°12'54
transit middle	-256 Oct 14 j 16:29	17°♎47'33	0°12'54
transit begin	-256 Oct 14 j 14:49	17°♎53'10	
transit end	-256 Oct 14 j 18:09	17°♎41'56	
asc. node	-256 Oct 15 j 07:16	16°♎58'02	
morning rise	-256 Oct 20 j 02:31	11°♎43'38	
direct	-256 Oct 23 j 21:43	10°♎21'00	
morning max el	-256 Oct 31 j 19:19	14°♎55'09	20°23'40
	-256 Nov 12 j 12:58	0°♏	
desc. node	-256 Nov 24 j 03:09	17°♏17'44	
morning set	-256 Nov 28 j 17:06	24°♏20'38	
	-256 Dec 02 j 08:12	0°♐	
max. Earth dist.	-256 Dec 08 j 17:58	10°♐10'06	1.43458 AU
superior conj	-256 Dec 14 j 19:32	20°♐03'34	-1°50'26
minimum elong	-256 Dec 14 j 13:56	19°♐40'26	1°50'05
	-256 Dec 20 j 17:30	0°♑	
evening rise	-256 Dec 27 j 08:10	11°♑25'56	
	-255 Jan 07 j 06:06	0°♒	
asc. node	-255 Jan 11 j 06:33	5°♒46'03	
evening max el	-255 Jan 13 j 19:52	8°♒41'49	18°09'37
retrograde	-255 Jan 20 j 08:16	12°♒07'52	
evening set	-255 Jan 23 j 03:43	11°♒28'26	
inferior conj	-255 Jan 29 j 10:53	6°♒16'46	3°51'05
minimum elong	-255 Jan 29 j 10:32	6°♒17'42	3°51'05
min. Earth dist.	-255 Feb 01 j 05:36	3°♒23'22	0.62520 AU
morning rise	-255 Feb 04 j 16:18	0°♒19'33	
	-255 Feb 05 j 03:06	30°℞♑	
direct	-255 Feb 11 j 16:18	27°♑42'10	
	-255 Feb 18 j 19:01	0°♒	
desc. node	-255 Feb 20 j 02:20	0°♒50'53	
morning max el	-255 Feb 25 j 15:45	5°♒34'27	27°46'58
	-255 Mar 16 j 02:30	0°♓	
morning set	-255 Mar 31 j 09:48	27°♓45'49	
	-255 Apr 01 j 12:08	0°♈	
max. Earth dist.	-255 Apr 06 j 00:27	9°♈28'54	1.32759 AU
superior conj	-255 Apr 07 j 21:58	13°♈34'14	-0°14'01
minimum elong	-255 Apr 07 j 22:38	13°♈37'49	0°13'52
behind sun begin	-255 Apr 07 j 20:06	13°♈24'05	
behind sun end	-255 Apr 08 j 01:10	13°♈51'33	
asc. node	-255 Apr 09 j 05:50	16°♈27'06	
evening rise	-255 Apr 14 j 21:55	28°♈40'38	
	-255 Apr 15 j 12:59	0°♉	
	-255 May 02 j 16:57	0°♊	
evening max el	-255 May 09 j 05:20	7°♊29'05	23°58'16
desc. node	-255 May 19 j 01:32	13°♊49'09	
retrograde	-255 May 23 j 00:35	14°♊24'54	
evening set	-255 May 27 j 06:35	13°♊44'52	
min. Earth dist.	-255 Jun 02 j 16:27	10°♊40'13	0.56351 AU
inferior conj	-255 Jun 05 j 02:34	9°♊10'47	-4°06'43
minimum elong	-255 Jun 04 j 20:33	9°♊20'06	4°05'38
morning rise	-255 Jun 13 j 13:23	5°♊10'52	
direct	-255 Jun 16 j 04:30	4°♊52'55	
morning max el	-255 Jun 26 j 01:52	9°♊27'47	19°50'09
asc. node	-255 Jul 06 j 05:06	23°♊12'32	
	-255 Jul 09 j 22:09	0°♋	
morning set	-255 Jul 13 j 21:50	7°♋52'15	
superior conj	-255 Jul 21 j 19:07	23°♋49'24	1°46'38
minimum elong	-255 Jul 21 j 18:29	23°♋46'14	1°46'37
	-255 Jul 24 j 22:37	0°♌	
max. Earth dist.	-255 Jul 27 j 10:32	4°♌46'00	1.37130 AU
evening rise	-255 Jul 31 j 07:04	11°♌52'31	
	-255 Aug 10 j 23:46	0°♍	
desc. node	-255 Aug 15 j 00:53	6°♍17'07	
	-255 Sep 01 j 19:24	0°♎	
evening max el	-255 Sep 05 j 03:18	3°♎28'56	25°34'01
retrograde	-255 Sep 17 j 07:20	10°♎28'20	
evening set	-255 Sep 23 j 07:29	7°♎56'23	
min. Earth dist.	-255 Sep 27 j 16:24	3°♎06'11	0.66911 AU
inferior conj	-255 Sep 28 j 19:56	1°♎37'40	-1°08'42
minimum elong	-255 Sep 28 j 21:40	1°♎32'07	1°07'59
	-255 Sep 30 j 02:45	30°℞♍	
asc. node	-255 Oct 02 j 04:19	27°♍38'15	
morning rise	-255 Oct 04 j 12:01	25°♍40'46	
direct	-255 Oct 07 j 20:09	24°♍36'17	
morning max el	-255 Oct 14 j 23:53	28°♍39'34	19°21'41
	-255 Oct 16 j 06:02	0°♎	
	-255 Nov 05 j 23:11	0°♏	
morning set	-255 Nov 07 j 18:19	2°♏47'37	
desc. node	-255 Nov 11 j 00:12	7°♏50'51	
max. Earth dist.	-255 Nov 21 j 08:10	24°♏03'08	1.44592 AU
superior conj	-255 Nov 24 j 12:43	29°♏06'45	-1°21'18
minimum elong	-255 Nov 24 j 04:29	28°♏33'58	1°20'26
	-255 Nov 25 j 02:05	0°♐	
evening rise	-255 Dec 08 j 23:07	22°♐35'52	
	-255 Dec 13 j 09:55	0°♑	
evening max el	-255 Dec 28 j 08:18	22°♑03'03	18°27'16
asc. node	-255 Dec 29 j 03:37	22°♑49'55	
retrograde	-254 Jan 03 j 21:33	25°♑38'53	
evening set	-254 Jan 06 j 21:54	24°♑48'55	
inferior conj	-254 Jan 12 j 20:06	19°♑18'15	3°40'17
minimum elong	-254 Jan 12 j 18:12	19°♑23'46	3°40'03
min. Earth dist.	-254 Jan 14 j 23:38	16°♑49'15	0.64292 AU
morning rise	-254 Jan 18 j 13:59	13°♑13'20	
direct	-254 Jan 25 j 11:29	10°♑22'15	
desc. node	-254 Feb 06 j 23:24	17°♑09'25	
morning max el	-254 Feb 08 j 00:27	18°♑10'28	27°25'28
	-254 Feb 17 j 23:59	0°♒	
	-254 Mar 08 j 23:28	0°♓	
morning set	-254 Mar 15 j 04:03	11°♓41'27	
max. Earth dist.	-254 Mar 20 j 01:28	21°♓34'48	1.33553 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-254 Mar 23 j 03:40	28°♓04'20	-0°40'48
minimum elong	-254 Mar 23 j 05:37	28°♓14'42	0°40'24
	-254 Mar 24 j 01:25	0°♈	
asc. node	-254 Mar 27 j 02:54	6°♈32'47	
evening rise	-254 Mar 30 j 09:11	13°♈28'12	
	-254 Apr 07 j 19:53	0°♉	
evening max el	-254 Apr 20 j 21:46	18°♉04'50	22°23'05
retrograde	-254 May 03 j 20:48	24°♉27'22	
desc. node	-254 May 05 j 22:35	24°♉17'48	
evening set	-254 May 06 j 19:23	24°♉08'20	
min. Earth dist.	-254 May 15 j 05:11	20°♉31'07	0.55249 AU
inferior conj	-254 May 16 j 04:16	19°♉58'27	-2°47'06
minimum elong	-254 May 15 j 21:25	20°♉08'09	2°45'02
morning rise	-254 May 25 j 01:15	16°♉04'16	
direct	-254 May 27 j 21:15	15°♉45'58	
morning max el	-254 Jun 08 j 10:07	21°♉09'02	21°09'24
	-254 Jun 15 j 18:48	0°♊	
asc. node	-254 Jun 23 j 02:09	12°♊22'25	
morning set	-254 Jun 28 j 05:28	22°♊35'53	
	-254 Jul 01 j 18:45	0°♋	
superior conj	-254 Jul 05 j 15:59	8°♋05'41	1°40'00
minimum elong	-254 Jul 05 j 14:07	7°♋56'04	1°39'53
max. Earth dist.	-254 Jul 09 j 20:46	16°♋37'04	1.35429 AU
evening rise	-254 Jul 14 j 03:46	24°♋56'50	
	-254 Jul 16 j 21:02	0°♌	
desc. node	-254 Aug 01 j 21:54	26°♌18'14	
	-254 Aug 04 j 11:52	0°♍	
evening max el	-254 Aug 18 j 15:12	17°♍04'34	26°34'31
retrograde	-254 Aug 31 j 12:33	24°♍18'02	
evening set	-254 Sep 07 j 02:25	21°♍35'11	
min. Earth dist.	-254 Sep 11 j 03:48	17°♍22'12	0.66040 AU
inferior conj	-254 Sep 12 j 19:12	15°♍23'39	-2°04'29
minimum elong	-254 Sep 12 j 22:20	15°♍14'13	2°03'17
morning rise	-254 Sep 18 j 18:40	9°♍38'03	
asc. node	-254 Sep 19 j 01:23	9°♍29'10	
direct	-254 Sep 21 j 18:04	8°♍48'12	
morning max el	-254 Sep 28 j 10:38	12°♍29'59	18°35'14
	-254 Oct 10 j 23:44	0°♎	
morning set	-254 Oct 18 j 18:44	12°♎27'04	
desc. node	-254 Oct 28 j 21:13	28°♎31'41	
	-254 Oct 29 j 19:36	0°♏	
superior conj	-254 Nov 03 j 13:51	7°♏29'54	-0°36'42
minimum elong	-254 Nov 03 j 09:03	7°♏11'02	0°36'05
max. Earth dist.	-254 Nov 04 j 02:31	8°♏19'42	1.45026 AU
	-254 Nov 17 j 20:26	0°♐	
evening rise	-254 Nov 19 j 14:23	2°♐46'27	
greatest brilliancy	-254 Nov 28 j 05:17	16°♐27'26	-0.8m
	-254 Dec 07 j 06:08	0°♑	
evening max el	-254 Dec 11 j 18:31	5°♑28'58	19°02'36
asc. node	-254 Dec 16 j 00:41	8°♑46'23	
retrograde	-254 Dec 18 j 16:21	9°♑24'59	
evening set	-254 Dec 21 j 22:46	8°♑23'08	
inferior conj	-254 Dec 27 j 14:36	2°♑35'40	3°15'38
minimum elong	-254 Dec 27 j 11:55	2°♑44'06	3°15'02
min. Earth dist.	-254 Dec 29 j 02:57	0°♑41'35	0.65691 AU
	-254 Dec 29 j 16:31	30°℞♐	
morning rise	-253 Jan 02 j 00:48	26°♐25'50	
direct	-253 Jan 08 j 12:54	23°♐35'40	
	-253 Jan 20 j 05:39	0°♑	
morning max el	-253 Jan 21 j 10:06	1°♑09'26	26°33'40
desc. node	-253 Jan 24 j 20:27	4°♑50'30	
	-253 Feb 12 j 01:23	0°♒	
morning set	-253 Feb 26 j 10:48	24°♒58'04	
	-253 Mar 01 j 01:42	0°♓	
max. Earth dist.	-253 Mar 02 j 15:44	3°♓06'50	1.34794 AU
superior conj	-253 Mar 07 j 03:21	12°♓11'21	-1°06'57
minimum elong	-253 Mar 07 j 06:28	12°♓27'24	1°06'24
asc. node	-253 Mar 13 j 23:59	26°♓29'22	
evening rise	-253 Mar 14 j 18:05	28°♓03'09	
	-253 Mar 15 j 16:48	0°♈	
evening max el	-253 Apr 02 j 22:02	29°♈00'51	20°55'38
	-253 Apr 03 j 23:45	0°♉	
retrograde	-253 Apr 14 j 09:57	4°♉34'25	
evening set	-253 Apr 16 j 15:37	4°♉22'35	
desc. node	-253 Apr 22 j 19:36	2°♉07'18	
inferior conj	-253 Apr 25 j 22:27	0°♉24'32	-0°53'34
minimum elong	-253 Apr 25 j 19:54	0°♉28'08	0°52'39
	-253 Apr 26 j 15:43	30°℞♈	
min. Earth dist.	-253 Apr 26 j 18:09	29°♈56'33	0.55035 AU
morning rise	-253 May 04 j 23:49	26°♈18'07	
direct	-253 May 08 j 07:39	25°♈54'13	
	-253 May 18 j 19:28	0°♉	
morning max el	-253 May 21 j 08:05	2°♉09'23	22°44'23
	-253 Jun 08 j 23:50	0°♊	
asc. node	-253 Jun 09 j 23:14	1°♊56'45	
morning set	-253 Jun 12 j 16:11	7°♊30'26	
superior conj	-253 Jun 19 j 20:00	22°♊44'32	1°27'35
minimum elong	-253 Jun 19 j 17:34	22°♊31'35	1°27'18
max. Earth dist.	-253 Jun 22 j 16:24	28°♊44'26	1.34081 AU
	-253 Jun 23 j 06:58	0°♋	
evening rise	-253 Jun 27 j 14:49	8°♋44'32	
	-253 Jul 09 j 08:27	0°♌	
desc. node	-253 Jul 19 j 18:55	15°♌51'25	
	-253 Jul 31 j 14:37	0°♍	
evening max el	-253 Aug 01 j 03:02	0°♍30'04	27°13'44
retrograde	-253 Aug 14 j 12:16	7°♍49'15	
evening set	-253 Aug 21 j 12:44	5°♍03'36	
min. Earth dist.	-253 Aug 25 j 07:21	1°♍27'31	0.64807 AU
	-253 Aug 26 j 15:11	30°℞♌	
inferior conj	-253 Aug 27 j 11:45	29°♌02'51	-2°58'07
minimum elong	-253 Aug 27 j 16:02	28°♌51'01	2°56'43
morning rise	-253 Sep 02 j 20:05	23°♌31'55	
direct	-253 Sep 05 j 13:05	22°♌53'13	
asc. node	-253 Sep 05 j 22:26	22°♌54'01	
morning max el	-253 Sep 12 j 01:19	26°♌22'27	18°05'33
	-253 Sep 15 j 03:58	0°♍	
morning set	-253 Sep 29 j 23:46	23°♍30'52	
	-253 Oct 03 j 21:09	0°♎	
superior conj	-253 Oct 13 j 20:32	16°♎14'52	0°12'32
minimum elong	-253 Oct 13 j 22:03	16°♎20'57	0°12'20
behind sun begin	-253 Oct 13 j 15:02	15°♎52'54	
behind sun end	-253 Oct 14 j 05:03	16°♎48'59	
desc. node	-253 Oct 15 j 18:15	19°♎17'15	
max. Earth dist.	-253 Oct 17 j 21:25	22°♎40'06	1.44718 AU
	-253 Oct 22 j 13:19	0°♏	
evening rise	-253 Oct 30 j 07:55	12°♏05'24	
	-253 Nov 11 j 00:32	0°♐	
greatest brilliancy	-253 Nov 12 j 18:48	2°♐38'15	-0.7m
evening max el	-253 Nov 25 j 00:30	18°♐56'38	19°54'01
retrograde	-253 Dec 02 j 13:43	23°♐21'30	
asc. node	-253 Dec 02 j 21:43	23°♐20'52	
evening set	-253 Dec 06 j 03:53	22°♐06'08	
inferior conj	-253 Dec 11 j 15:28	16°♐04'52	2°40'51
minimum elong	-253 Dec 11 j 12:40	16°♐14'09	2°40'01
min. Earth dist.	-253 Dec 12 j 14:09	14°♐49'32	0.66697 AU
morning rise	-253 Dec 16 j 21:17	9°♐52'03	
direct	-253 Dec 22 j 19:59	7°♐13'58	
morning max el	-252 Jan 03 j 19:06	14°♐20'36	25°20'03
desc. node	-252 Jan 11 j 17:30	23°♐30'13	
	-252 Jan 16 j 14:33	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-252 Feb 04 j 21:05	0°♒	
morning set	-252 Feb 09 j 01:15	7°♒22'03	
max. Earth dist.	-252 Feb 12 j 18:39	14°♒13'35	1.36473 AU
superior conj	-252 Feb 18 j 18:12	25°♒47'26	-1°30'42
minimum elong	-252 Feb 18 j 22:00	26°♒06'15	1°30'12
	-252 Feb 20 j 20:45	0°♓	
evening rise	-252 Feb 26 j 22:31	12°♓18'53	
asc. node	-252 Feb 28 j 21:02	16°♓12'01	
	-252 Mar 07 j 09:00	0°♈	
evening max el	-252 Mar 15 j 09:26	10°♈33'17	19°44'10
retrograde	-252 Mar 25 j 04:18	15°♈14'57	
evening set	-252 Mar 27 j 07:22	15°♈02'36	
inferior conj	-252 Apr 04 j 23:42	10°♈59'58	1°02'20
minimum elong	-252 Apr 05 j 02:18	10°♈55'54	1°01'26
min. Earth dist.	-252 Apr 07 j 08:24	9°♈31'37	0.55773 AU
desc. node	-252 Apr 08 j 16:39	8°♈43'43	
morning rise	-252 Apr 13 j 18:47	6°♈24'19	
direct	-252 Apr 18 j 00:42	5°♈44'10	
morning max el	-252 May 01 j 23:50	12°♈43'35	24°25'20
	-252 May 15 j 06:25	0°♉	
asc. node	-252 May 26 j 20:17	21°♉48'01	
morning set	-252 May 27 j 04:06	22°♉29'06	
	-252 May 30 j 16:24	0°♊	
superior conj	-252 Jun 03 j 04:33	7°♊36'39	1°10'36
minimum elong	-252 Jun 03 j 02:06	7°♊23'24	1°10'12
max. Earth dist.	-252 Jun 04 j 20:39	11°♊13'07	1.33123 AU
evening rise	-252 Jun 10 j 12:03	23°♊02'37	
	-252 Jun 14 j 00:19	0°♋	
	-252 Jul 02 j 02:18	0°♌	
desc. node	-252 Jul 05 j 15:56	4°♌43'53	
evening max el	-252 Jul 13 j 13:00	13°♌32'04	27°25'12
retrograde	-252 Jul 27 j 06:08	20°♌51'48	
evening set	-252 Aug 03 j 11:07	18°♌15'15	
min. Earth dist.	-252 Aug 07 j 01:17	15°♌11'11	0.63205 AU
inferior conj	-252 Aug 09 j 18:51	12°♌28'22	-3°46'23
minimum elong	-252 Aug 09 j 23:35	12°♌16'36	3°45'13
morning rise	-252 Aug 16 j 13:12	7°♌15'19	
direct	-252 Aug 19 j 02:13	6°♌44'40	
asc. node	-252 Aug 22 j 19:29	7°♌51'20	
morning max el	-252 Aug 25 j 17:03	10°♌09'54	17°53'30
	-252 Sep 07 j 22:39	0°♍	
morning set	-252 Sep 11 j 05:14	5°♍44'37	
superior conj	-252 Sep 23 j 02:17	26°♍09'44	0°54'43
minimum elong	-252 Sep 23 j 07:08	26°♍29'56	0°54'06
	-252 Sep 25 j 09:55	0°♎	
max. Earth dist.	-252 Sep 29 j 13:18	6°♎44'06	1.43715 AU
desc. node	-252 Oct 01 j 15:16	10°♎04'05	
evening rise	-252 Oct 08 j 14:41	21°♎00'39	
	-252 Oct 14 j 11:39	0°♏	
	-252 Nov 04 j 20:00	0°♐	
evening max el	-252 Nov 07 j 00:53	2°♐24'44	20°59'07
retrograde	-252 Nov 15 j 11:18	7°♐24'54	
asc. node	-252 Nov 18 j 18:44	6°♐22'51	
evening set	-252 Nov 19 j 11:10	5°♐54'10	
inferior conj	-252 Nov 24 j 20:19	29°♏42'28	1°58'32
minimum elong	-252 Nov 24 j 17:56	29°♏50'38	1°57'40
	-252 Nov 24 j 15:12	30°℞♏	
min. Earth dist.	-252 Nov 25 j 06:56	29°♏06'00	0.67332 AU
morning rise	-252 Nov 30 j 00:31	23°♏28'47	
direct	-252 Dec 05 j 08:13	21°♏09'39	
morning max el	-252 Dec 16 j 03:41	27°♏36'38	23°54'36
	-252 Dec 18 j 09:43	0°♐	
desc. node	-252 Dec 28 j 14:32	12°♐51'30	
	-251 Jan 09 j 07:10	0°♑	

morning set	-251 Jan 20 j 17:20	18°♑36'47	
max. Earth dist.	-251 Jan 24 j 14:08	25°♑21'41	1.38484 AU
	-251 Jan 27 j 04:02	0°♒	
superior conj	-251 Jan 31 j 20:35	8°♒42'46	-1°49'39
minimum elong	-251 Feb 01 j 00:02	8°♒59'07	1°49'23
evening rise	-251 Feb 09 j 19:56	26°♒08'21	
	-251 Feb 11 j 19:30	0°♓	
asc. node	-251 Feb 14 j 18:04	5°♓35'14	
evening max el	-251 Feb 26 j 07:25	22°♓43'45	18°52'07
retrograde	-251 Mar 06 j 14:05	26°♓43'53	
evening set	-251 Mar 08 j 21:26	26°♓26'30	
inferior conj	-251 Mar 16 j 18:54	22°♓08'17	2°31'50
minimum elong	-251 Mar 16 j 23:18	22°♓00'18	2°30'41
min. Earth dist.	-251 Mar 20 j 00:54	19°♓48'15	0.57299 AU
morning rise	-251 Mar 24 j 22:10	16°♓59'51	
desc. node	-251 Mar 26 j 13:41	16°♓23'47	
direct	-251 Mar 30 j 07:33	15°♓49'34	
morning max el	-251 Apr 13 j 15:09	23°♓17'29	25°57'51
	-251 Apr 19 j 15:36	0°♈	
	-251 May 08 j 00:31	0°♉	
morning set	-251 May 11 j 15:38	7°♉26'22	
asc. node	-251 May 13 j 17:20	11°♉50'48	
superior conj	-251 May 18 j 15:35	22°♉35'15	0°50'00
minimum elong	-251 May 18 j 13:36	22°♉24'21	0°49'37
max. Earth dist.	-251 May 19 j 06:52	23°♉58'52	1.32552 AU
	-251 May 22 j 01:16	0°♊	
evening rise	-251 May 25 j 16:21	7°♊41'20	
	-251 Jun 06 j 11:30	0°♋	
desc. node	-251 Jun 22 j 12:57	22°♋38'30	
evening max el	-251 Jun 25 j 18:54	25°♋58'47	27°04'28
	-251 Jun 30 j 16:26	0°♌	
retrograde	-251 Jul 09 j 17:08	3°♌16'08	
evening set	-251 Jul 16 j 17:25	1°♌02'53	
	-251 Jul 18 j 06:27	30°℞♋	
min. Earth dist.	-251 Jul 20 j 09:02	28°♋19'47	0.61300 AU
inferior conj	-251 Jul 23 j 13:18	25°♋32'36	-4°24'08
minimum elong	-251 Jul 23 j 17:07	25°♋24'11	4°23'33
morning rise	-251 Jul 30 j 18:30	20°♋40'08	
direct	-251 Aug 02 j 05:55	20°♋14'58	
morning max el	-251 Aug 09 j 06:51	23°♋44'56	18°00'05
asc. node	-251 Aug 09 j 16:31	24°♋08'59	
	-251 Aug 14 j 07:27	0°♌	
morning set	-251 Aug 25 j 05:07	18°♌51'16	
	-251 Aug 31 j 07:23	0°♍	
superior conj	-251 Sep 04 j 11:24	7°♍25'12	1°24'20
minimum elong	-251 Sep 04 j 15:54	7°♍44'56	1°23'53
max. Earth dist.	-251 Sep 12 j 00:06	20°♍15'56	1.42156 AU
	-251 Sep 17 j 23:58	0°♎	
evening rise	-251 Sep 18 j 04:45	0°♎18'58	
desc. node	-251 Sep 18 j 12:16	0°♎48'50	
	-251 Oct 08 j 01:36	0°♏	
evening max el	-251 Oct 20 j 19:35	15°♏53'42	22°14'14
retrograde	-251 Oct 30 j 07:09	21°♏32'00	
evening set	-251 Nov 03 j 18:51	19°♏44'08	
asc. node	-251 Nov 05 j 15:45	17°♏55'06	
inferior conj	-251 Nov 09 j 03:06	13°♏25'41	1°10'30
minimum elong	-251 Nov 09 j 01:32	13°♏31'06	1°09'52
min. Earth dist.	-251 Nov 09 j 02:50	13°♏26'35	0.67630 AU
morning rise	-251 Nov 14 j 08:04	7°♏13'24	
direct	-251 Nov 19 j 00:44	5°♏16'26	
morning max el	-251 Nov 28 j 14:28	10°♏56'41	22°27'03
	-251 Dec 13 j 14:28	0°♐	
desc. node	-251 Dec 15 j 11:32	2°♐42'01	
morning set	-250 Jan 01 j 05:09	28°♐27'15	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-250 Jan 02 j 03:51	0°♉		
max. Earth dist.	-250 Jan 06 j 10:18	7°♉06'51	1.40609 AU	
superior conj	-250 Jan 14 j 05:44	20°♉44'45	-2°00'28	
minimum elong	-250 Jan 14 j 07:06	20°♉50'55	2°00'27	
	-250 Jan 19 j 07:06	0°♒		
evening rise	-250 Jan 24 j 07:12	9°♒23'04		
asc. node	-250 Feb 01 j 15:06	24°♒31'35		
	-250 Feb 05 j 02:51	0°♓		
evening max el	-250 Feb 09 j 13:16	5°♓24'14	18°20'05	
retrograde	-250 Feb 16 j 18:36	8°♓59'03		
evening set	-250 Feb 19 j 07:10	8°♓33'57		
inferior conj	-250 Feb 26 j 11:04	3°♓55'10	3°25'56	
minimum elong	-250 Feb 26 j 14:12	3°♓48'31	3°25'27	
min. Earth dist.	-250 Mar 01 j 21:14	1°♓03'09	0.59288 AU	
	-250 Mar 03 j 06:10	30°♓℞		
morning rise	-250 Mar 05 j 18:55	28°♒21'22		
direct	-250 Mar 12 j 03:25	26°♒33'15		
desc. node	-250 Mar 13 j 10:44	26°♒37'43		
	-250 Mar 21 j 09:44	0°♓		
morning max el	-250 Mar 26 j 10:48	4°♓15'49	27°07'16	
	-250 Apr 14 j 07:57	0°♈		
morning set	-250 Apr 26 j 01:04	22°♈16'01		
	-250 Apr 29 j 16:16	0°♉		
asc. node	-250 Apr 30 j 14:22	1°♉59'59		
superior conj	-250 May 03 j 03:20	7°♉33'44	0°26'37	
minimum elong	-250 May 03 j 02:11	7°♉27'21	0°26'22	
max. Earth dist.	-250 May 02 j 19:37	6°♉51'21	1.32345 AU	
evening rise	-250 May 10 j 01:10	22°♉31'57		
	-250 May 13 j 16:33	0°♊		
	-250 May 31 j 21:53	0°♋		
evening max el	-250 Jun 07 j 18:39	7°♋41'57	26°11'13	
desc. node	-250 Jun 09 j 09:58	9°♋11'25		
retrograde	-250 Jun 21 j 19:34	14°♋55'15		
evening set	-250 Jun 28 j 03:06	13°♋17'19		
min. Earth dist.	-250 Jul 02 j 07:32	10°♋38'58	0.59245 AU	
inferior conj	-250 Jul 05 j 15:34	8°♋06'33	-4°43'10	
minimum elong	-250 Jul 05 j 16:29	8°♋04'47	4°43'08	
morning rise	-250 Jul 13 j 08:04	3°♋36'21		
direct	-250 Jul 15 j 20:05	3°♋14'46		
morning max el	-250 Jul 23 j 15:45	6°♋59'35	18°26'29	
asc. node	-250 Jul 27 j 13:34	11°♋31'57		
	-250 Aug 07 j 09:26	0°♌		
morning set	-250 Aug 08 j 18:21	2°♌37'23		
superior conj	-250 Aug 17 j 20:07	19°♌51'06	1°41'10	
minimum elong	-250 Aug 17 j 22:37	20°♌02'38	1°41'01	
	-250 Aug 23 j 11:02	0°♍		
max. Earth dist.	-250 Aug 25 j 06:00	3°♍07'32	1.40245 AU	
evening rise	-250 Aug 29 j 16:08	10°♍37'40		
desc. node	-250 Sep 05 j 09:18	21°♍28'10		
	-250 Sep 10 j 22:53	0°♎		
evening max el	-250 Oct 03 j 09:54	29°♎25'38	23°34'10	
	-250 Oct 03 j 23:52	0°♏		
retrograde	-250 Oct 14 j 00:01	5°♏40'35		
evening set	-250 Oct 19 j 01:18	3°♏34'34		
	-250 Oct 22 j 08:16	30°℞♎		
asc. node	-250 Oct 23 j 12:46	28°♎25'41		
inferior conj	-250 Oct 24 j 10:05	27°♎13'02	0°18'22	
minimum elong	-250 Oct 24 j 09:39	27°♎14'32	0°18'10	
min. Earth dist.	-250 Oct 23 j 23:25	27°♎49'30	0.67608 AU	
morning rise	-250 Oct 29 j 17:55	21°♎04'45		
direct	-250 Nov 02 j 20:34	19°♎30'02		
morning max el	-250 Nov 11 j 07:07	24°♎25'41	21°05'37	
	-250 Nov 16 j 03:47	0°♏		
desc. node	-250 Dec 02 j 08:35	22°♏53'57		
	-250 Dec 07 j 00:45	0°♐		
morning set	-250 Dec 11 j 13:34	7°♐01'55		
max. Earth dist.	-250 Dec 19 j 13:40	19°♐49'42	1.42548 AU	
	-250 Dec 25 j 16:29	0°♉		
superior conj	-250 Dec 26 j 16:17	1°♉41'02	-1°58'49	
minimum elong	-250 Dec 26 j 13:30	1°♉29'12	1°58'43	
evening rise	-249 Jan 07 j 04:40	21°♉55'55		
	-249 Jan 11 j 16:48	0°♒		
asc. node	-249 Jan 19 j 12:07	12°♒52'54		
evening max el	-249 Jan 23 j 23:55	18°♒26'14	18°07'48	
retrograde	-249 Jan 30 j 15:29	21°♒51'31		
evening set	-249 Feb 02 j 08:32	21°♒17'28		
inferior conj	-249 Feb 08 j 22:14	16°♒17'12	3°48'55	
minimum elong	-249 Feb 08 j 23:05	16°♒15'07	3°48'52	
min. Earth dist.	-249 Feb 12 j 00:22	13°♒18'02	0.61385 AU	
morning rise	-249 Feb 15 j 12:14	10°♒26'39		
direct	-249 Feb 22 j 09:37	8°♒04'19		
desc. node	-249 Feb 28 j 07:47	9°♒38'00		
morning max el	-249 Mar 08 j 12:50	15°♒54'00	27°43'10	
	-249 Mar 20 j 02:21	0°♓		
	-249 Apr 06 j 20:26	0°♈		
morning set	-249 Apr 10 j 06:35	6°♈51'30		
max. Earth dist.	-249 Apr 16 j 07:07	19°♈37'12	1.32503 AU	
asc. node	-249 Apr 17 j 11:26	22°♈11'15		
superior conj	-249 Apr 17 j 14:09	22°♈26'08	0°01'13	
minimum elong	-249 Apr 17 j 14:06	22°♈25'48	0°01'12	
behind sun begin	-249 Apr 17 j 09:02	21°♈58'09		
behind sun end	-249 Apr 17 j 19:10	22°♈53'29		
	-249 Apr 21 j 01:17	0°♉		
evening rise	-249 Apr 24 j 12:25	7°♉26'56		
	-249 May 06 j 08:16	0°♊		
evening max el	-249 May 20 j 11:49	18°♊42'16	24°51'21	
desc. node	-249 May 27 j 07:00	23°♊50'03		
retrograde	-249 Jun 03 j 11:15	25°♊47'38		
evening set	-249 Jun 08 j 13:43	24°♊48'20		
min. Earth dist.	-249 Jun 13 j 23:19	21°♊57'35	0.57296 AU	
inferior conj	-249 Jun 16 j 22:24	20°♊00'18	-4°31'52	
minimum elong	-249 Jun 16 j 18:46	20°♊06'21	4°31'29	
morning rise	-249 Jun 25 j 02:34	15°♊51'21		
direct	-249 Jun 27 j 16:29	15°♊32'17		
morning max el	-249 Jul 06 j 16:46	19°♊44'21	19°13'40	
asc. node	-249 Jul 14 j 10:38	29°♊45'35		
	-249 Jul 14 j 14:12	0°♋		
morning set	-249 Jul 23 j 16:55	16°♋51'47		
	-249 Jul 30 j 07:33	0°♌		
superior conj	-249 Jul 31 j 22:39	3°♌10'56	1°47'11	
minimum elong	-249 Jul 31 j 23:01	3°♌12'43	1°47'11	
max. Earth dist.	-249 Aug 07 j 09:13	15°♌19'03	1.38231 AU	
evening rise	-249 Aug 11 j 04:25	22°♌06'38		
	-249 Aug 15 j 19:15	0°♍		
desc. node	-249 Aug 23 j 06:20	11°♍57'12		
	-249 Sep 04 j 20:22	0°♎		
evening max el	-249 Sep 15 j 21:44	13°♎00'13	24°52'32	
retrograde	-249 Sep 27 j 12:53	19°♎46'04		
evening set	-249 Oct 03 j 04:49	17°♎22'33		
min. Earth dist.	-249 Oct 07 j 18:16	12°♎11'58	0.67262 AU	
inferior conj	-249 Oct 08 j 15:31	11°♎01'45	-0°36'29	
minimum elong	-249 Oct 08 j 16:25	10°♎58'45	0°36'06	
asc. node	-249 Oct 10 j 09:50	8°♎45'09		
morning rise	-249 Oct 14 j 04:06	5°♎00'05		
direct	-249 Oct 17 j 18:23	3°♎45'35		
morning max el	-249 Oct 25 j 07:27	8°♎04'59	19°55'35	
	-249 Nov 10 j 11:49	0°♏		
desc. node	-249 Nov 19 j 05:37	13°♏20'38		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-249 Nov 20 j 10:09	15°♏10'44	
	-249 Nov 29 j 21:42	0°♐	
max. Earth dist.	-249 Dec 02 j 00:40	3°♐22'24	1.44024 AU
superior conj	-249 Dec 07 j 00:05	11°♐22'44	-1°40'19
minimum elong	-249 Dec 06 j 16:47	10°♐53'07	1°39'44
	-249 Dec 18 j 04:44	0°♑	
evening rise	-249 Dec 20 j 08:00	3°♑38'28	
	-248 Jan 05 j 23:14	0°♒	
asc. node	-248 Jan 06 j 09:09	0°♒28'46	
evening max el	-248 Jan 07 j 12:24	1°♒42'02	18°14'48
retrograde	-248 Jan 14 j 00:10	5°♒11'06	
evening set	-248 Jan 16 j 21:35	4°♒27'17	
	-248 Jan 22 j 05:03	30°℞♑	
inferior conj	-248 Jan 23 j 00:34	29°♑06'59	3°48'31
minimum elong	-248 Jan 22 j 23:27	29°♑10'01	3°48'25
min. Earth dist.	-248 Jan 25 j 12:50	26°♑22'24	0.63314 AU
morning rise	-248 Jan 29 j 00:34	23°♑05'53	
direct	-248 Feb 05 j 00:19	20°♑21'10	
desc. node	-248 Feb 15 j 04:50	24°♑55'02	
morning max el	-248 Feb 18 j 20:05	28°♑12'37	27°42'04
	-248 Feb 20 j 13:42	0°♒	
	-248 Mar 12 j 20:23	0°♓	
morning set	-248 Mar 24 j 05:50	21°♓05'17	
	-248 Mar 28 j 14:04	0°♈	
max. Earth dist.	-248 Mar 29 j 13:20	2°♈02'39	1.33046 AU
superior conj	-248 Mar 31 j 22:18	7°♈06'46	-0°25'22
minimum elong	-248 Mar 31 j 23:31	7°♈13'16	0°25'06
asc. node	-248 Apr 03 j 08:30	12°♈20'39	
evening rise	-248 Apr 08 j 00:14	22°♈19'44	
	-248 Apr 11 j 17:42	0°♉	
evening max el	-248 May 01 j 02:22	29°♉18'32	23°17'29
	-248 May 01 j 19:59	0°♊	
desc. node	-248 May 13 j 04:03	5°♊58'26	
retrograde	-248 May 14 j 14:54	6°♊03'14	
evening set	-248 May 18 j 06:34	5°♊33'55	
min. Earth dist.	-248 May 25 j 12:20	2°♊17'00	0.55784 AU
inferior conj	-248 May 27 j 09:28	1°♊10'34	-3°38'25
minimum elong	-248 May 27 j 02:26	1°♊20'58	3°36'44
	-248 May 29 j 10:14	30°℞♉	
morning rise	-248 Jun 05 j 01:02	27°♉15'27	
direct	-248 Jun 07 j 17:42	26°♉57'49	
	-248 Jun 16 j 01:53	0°♊	
morning max el	-248 Jun 18 j 07:38	1°♊51'30	20°21'39
asc. node	-248 Jun 30 j 07:44	18°♊38'13	
	-248 Jul 06 j 04:48	0°♋	
morning set	-248 Jul 06 j 21:55	1°♋27'00	
superior conj	-248 Jul 14 j 14:03	17°♋10'42	1°44'37
minimum elong	-248 Jul 14 j 12:48	17°♋04'26	1°44'35
max. Earth dist.	-248 Jul 19 j 14:57	27°♋08'46	1.36363 AU
	-248 Jul 21 j 02:45	0°♌	
evening rise	-248 Jul 23 j 14:42	4°♌40'04	
	-248 Aug 07 j 16:45	0°♍	
desc. node	-248 Aug 09 j 03:21	2°♍10'36	
evening max el	-248 Aug 28 j 09:07	26°♍36'25	26°01'48
	-248 Sep 01 j 05:53	0°♎	
retrograde	-248 Sep 09 j 21:13	3°♎43'33	
evening set	-248 Sep 16 j 03:31	1°♎05'49	
	-248 Sep 17 j 07:55	30°℞♍	
min. Earth dist.	-248 Sep 20 j 09:02	26°♍31'34	0.66584 AU
inferior conj	-248 Sep 21 j 17:35	24°♍49'36	-1°32'29
minimum elong	-248 Sep 21 j 19:55	24°♍42'16	1°31'32
asc. node	-248 Sep 26 j 06:54	19°♍50'27	
morning rise	-248 Sep 27 j 12:39	18°♍57'23	
direct	-248 Sep 30 j 16:42	17°♍59'43	
morning max el	-248 Oct 07 j 14:58	21°♍52'47	18°59'57
	-248 Oct 14 j 03:06	0°♎	
morning set	-248 Oct 29 j 19:27	24°♎03'52	
	-248 Nov 02 j 14:08	0°♏	
desc. node	-248 Nov 05 j 02:39	3°♏57'28	
max. Earth dist.	-248 Nov 13 j 16:48	17°♏26'56	1.44861 AU
superior conj	-248 Nov 15 j 08:15	20°♏02'22	-1°03'46
minimum elong	-248 Nov 15 j 00:43	19°♏32'39	1°02'54
	-248 Nov 21 j 14:56	0°♐	
evening rise	-248 Nov 30 j 13:03	14°♐23'17	
	-248 Dec 10 j 03:57	0°♑	
evening max el	-248 Dec 21 j 00:05	15°♑05'30	18°40'12
asc. node	-248 Dec 23 j 06:12	17°♑05'55	
retrograde	-248 Dec 27 j 16:18	18°♑49'12	
evening set	-248 Dec 30 j 18:56	17°♑54'31	
inferior conj	-247 Jan 05 j 14:08	12°♑16'22	3°31'17
minimum elong	-247 Jan 05 j 11:49	12°♑23'22	3°30'53
min. Earth dist.	-247 Jan 07 j 11:07	10°♑01'08	0.64928 AU
morning rise	-247 Jan 11 j 04:16	6°♑08'47	
direct	-247 Jan 17 j 22:18	3°♑16'23	
morning max el	-247 Jan 31 j 05:41	11°♑00'53	27°06'44
desc. node	-247 Feb 01 j 01:53	11°♑52'21	
	-247 Feb 15 j 08:00	0°♒	
	-247 Mar 05 j 07:34	0°♓	
morning set	-247 Mar 07 j 19:43	4°♓46'32	
max. Earth dist.	-247 Mar 12 j 10:06	13°♓54'48	1.34021 AU
superior conj	-247 Mar 16 j 01:44	21°♓28'13	-0°52'03
minimum elong	-247 Mar 16 j 04:13	21°♓41'13	0°51'35
	-247 Mar 20 j 02:31	0°♈	
asc. node	-247 Mar 21 j 05:32	2°♈23'10	
evening rise	-247 Mar 23 j 10:43	7°♈02'54	
	-247 Apr 04 j 20:42	0°♉	
evening max el	-247 Apr 12 j 21:25	10°♉00'08	21°44'19
retrograde	-247 Apr 25 j 07:29	16°♉03'42	
evening set	-247 Apr 27 j 20:27	15°♉49'13	
desc. node	-247 Apr 30 j 01:06	15°♉14'57	
inferior conj	-247 May 07 j 06:22	11°♉46'09	-2°01'32
minimum elong	-247 May 07 j 00:52	11°♉53'52	1°59'42
min. Earth dist.	-247 May 07 j 01:18	11°♉53'16	0.55037 AU
morning rise	-247 May 16 j 06:15	7°♉48'58	
direct	-247 May 19 j 05:49	7°♉29'21	
morning max el	-247 May 31 j 11:23	13°♉15'19	21°48'18
	-247 Jun 12 j 21:09	0°♊	
asc. node	-247 Jun 17 j 04:48	7°♊59'24	
morning set	-247 Jun 21 j 07:04	16°♊15'46	
	-247 Jun 27 j 19:39	0°♋	
superior conj	-247 Jun 28 j 14:19	1°♋37'51	1°35'22
minimum elong	-247 Jun 28 j 12:08	1°♋26'26	1°35'10
max. Earth dist.	-247 Jul 02 j 04:38	9°♋03'16	1.34806 AU
evening rise	-247 Jul 06 j 18:02	18°♋04'30	
	-247 Jul 13 j 05:18	0°♌	
desc. node	-247 Jul 27 j 00:23	22°♌01'06	
	-247 Aug 01 j 21:43	0°♍	
evening max el	-247 Aug 10 j 20:59	10°♍08'39	26°54'15
retrograde	-247 Aug 24 j 00:22	17°♍26'18	
evening set	-247 Aug 30 j 19:08	14°♍40'59	
min. Earth dist.	-247 Sep 03 j 17:26	10°♍43'51	0.65554 AU
inferior conj	-247 Sep 05 j 14:17	8°♍33'20	-2°27'43
minimum elong	-247 Sep 05 j 17:57	8°♍22'37	2°26'22
morning rise	-247 Sep 11 j 17:21	2°♍53'32	
asc. node	-247 Sep 13 j 03:58	2°♍19'51	
direct	-247 Sep 14 j 13:36	2°♍08'59	
morning max el	-247 Sep 21 j 03:42	5°♍44'49	18°20'28
	-247 Oct 07 j 16:28	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-247 Oct 10 j 08:07	4°♎19'41	
desc. node	-247 Oct 22 j 23:40	24°♎40'52	
superior conj	-247 Oct 25 j 08:58	28°♎27'33	-0°15'38
minimum elong	-247 Oct 25 j 06:56	28°♎19'28	0°15'21
behind sun begin	-247 Oct 25 j 03:10	28°♎04'38	
behind sun end	-247 Oct 25 j 10:41	28°♎34'18	
	-247 Oct 26 j 08:25	0°♏	
max. Earth dist.	-247 Oct 27 j 11:12	1°♏45'31	1.44977 AU
evening rise	-247 Nov 10 j 18:18	24°♏09'43	
	-247 Nov 14 j 11:46	0°♐	
greatest brilliancy	-247 Nov 21 j 18:16	11°♐18'28	-0.8m
evening max el	-247 Dec 04 j 08:44	28°♐32'54	19°22'43
	-247 Dec 05 j 21:11	0°♑	
asc. node	-247 Dec 10 j 03:15	2°♑29'38	
retrograde	-247 Dec 11 j 12:27	2°♑40'20	
evening set	-247 Dec 14 j 21:51	1°♑33'09	
	-247 Dec 16 j 19:06	30°℞♐	
inferior conj	-247 Dec 20 j 11:40	25°♐39'42	3°01'57
minimum elong	-247 Dec 20 j 08:52	25°♐48'44	3°01'14
min. Earth dist.	-247 Dec 21 j 18:06	24°♐01'33	0.66163 AU
morning rise	-247 Dec 25 j 19:37	19°♐28'17	
direct	-246 Jan 01 j 02:27	16°♐41'46	
morning max el	-246 Jan 13 j 15:01	24°♐06'12	26°04'26
desc. node	-246 Jan 18 j 22:54	0°♑01'07	
	-246 Jan 18 j 22:32	0°♑	
	-246 Feb 08 j 17:27	0°♒	
morning set	-246 Feb 18 j 20:12	17°♒43'07	
max. Earth dist.	-246 Feb 22 j 18:59	25°♒12'34	1.35456 AU
	-246 Feb 25 j 05:35	0°♓	
superior conj	-246 Feb 27 j 22:03	5°♓23'40	-1°17'25
minimum elong	-246 Feb 28 j 01:32	5°♓41'22	1°16'53
evening rise	-246 Mar 07 j 17:58	21°♓30'36	
asc. node	-246 Mar 08 j 02:34	22°♓14'35	
	-246 Mar 11 j 23:51	0°♈	
evening max el	-246 Mar 26 j 02:25	21°♈11'32	20°23'01
retrograde	-246 Apr 05 j 20:50	26°♈21'49	
evening set	-246 Apr 07 j 24:00	26°♈10'31	
desc. node	-246 Apr 16 j 22:07	22°♈18'10	
inferior conj	-246 Apr 17 j 01:49	22°♈12'45	-0°02'39
minimum elong	-246 Apr 17 j 01:41	22°♈12'56	0°02'37
transit middle	-246 Apr 17 j 01:41	22°♈12'56	0°02'37
transit begin	-246 Apr 16 j 21:42	22°♈18'46	
transit end	-246 Apr 17 j 05:40	22°♈07'05	
min. Earth dist.	-246 Apr 18 j 14:58	21°♈18'25	0.55245 AU
morning rise	-246 Apr 26 j 01:53	17°♈55'03	
direct	-246 Apr 29 j 18:09	17°♈25'37	
morning max el	-246 May 13 j 05:55	24°♈01'39	23°27'12
	-246 May 18 j 15:44	0°♉	
asc. node	-246 Jun 04 j 01:50	27°♉41'32	
	-246 Jun 05 j 04:36	0°♊	
morning set	-246 Jun 05 j 18:27	1°♊12'26	
superior conj	-246 Jun 12 j 20:30	16°♊23'04	1°20'53
minimum elong	-246 Jun 12 j 18:00	16°♊09'38	1°20'31
max. Earth dist.	-246 Jun 15 j 04:06	21°♊19'18	1.33632 AU
	-246 Jun 19 j 08:40	0°♋	
evening rise	-246 Jun 20 j 09:52	2°♋06'39	
	-246 Jul 06 j 02:19	0°♌	
desc. node	-246 Jul 13 j 21:25	11°♌18'39	
evening max el	-246 Jul 24 j 08:27	23°♌26'17	27°22'26
	-246 Aug 02 j 21:03	0°♍	
retrograde	-246 Aug 06 j 21:40	0°♍45'55	
	-246 Aug 10 j 17:09	30°℞♌	
evening set	-246 Aug 14 j 00:47	28°♌02'55	
min. Earth dist.	-246 Aug 17 j 17:12	24°♌41'01	0.64163 AU
inferior conj	-246 Aug 20 j 03:09	22°♌07'36	-3°19'35
minimum elong	-246 Aug 20 j 07:45	21°♌55'26	3°18'12
morning rise	-246 Aug 26 j 15:35	16°♌43'35	
direct	-246 Aug 29 j 06:35	16°♌08'37	
asc. node	-246 Aug 31 j 01:02	16°♌24'40	
morning max el	-246 Sep 04 j 19:04	19°♌35'22	17°58'09
	-246 Sep 12 j 12:30	0°♍	
morning set	-246 Sep 22 j 00:17	15°♍55'26	
	-246 Sep 30 j 08:28	0°♎	
superior conj	-246 Oct 04 j 23:59	7°♎37'52	0°31'48
minimum elong	-246 Oct 05 j 03:27	7°♎51'56	0°31'20
desc. node	-246 Oct 09 j 20:41	15°♎27'14	
max. Earth dist.	-246 Oct 10 j 05:07	16°♎00'48	1.44370 AU
	-246 Oct 19 j 03:10	0°♏	
evening rise	-246 Oct 21 j 05:14	3°♏13'20	
	-246 Nov 08 j 01:40	0°♐	
evening max el	-246 Nov 17 j 12:29	12°♐01'01	20°20'20
retrograde	-246 Nov 25 j 09:59	16°♐39'50	
asc. node	-246 Nov 27 j 00:17	16°♐25'20	
evening set	-246 Nov 29 j 04:05	15°♐18'08	
inferior conj	-246 Dec 04 j 14:27	9°♐12'17	2°23'40
minimum elong	-246 Dec 04 j 11:46	9°♐21'18	2°22'49
min. Earth dist.	-246 Dec 05 j 07:51	8°♐13'33	0.67013 AU
morning rise	-246 Dec 09 j 19:16	2°♐59'03	
direct	-246 Dec 15 j 11:50	0°♐28'16	
morning max el	-246 Dec 26 j 23:22	7°♐18'42	24°44'32
desc. node	-245 Jan 05 j 19:55	18°♐59'53	
	-245 Jan 13 j 16:49	0°♑	
morning set	-245 Feb 01 j 01:50	29°♑39'06	
	-245 Feb 01 j 06:34	0°♒	
max. Earth dist.	-245 Feb 04 j 17:46	6°♒14'48	1.37302 AU
superior conj	-245 Feb 11 j 08:05	18°♒43'43	-1°39'29
minimum elong	-245 Feb 11 j 11:54	19°♒02'17	1°39'05
	-245 Feb 17 j 00:36	0°♓	
evening rise	-245 Feb 19 j 19:42	5°♓35'49	
asc. node	-245 Feb 22 j 23:36	11°♓49'40	
	-245 Mar 06 j 00:43	0°♈	
evening max el	-245 Mar 08 j 18:34	3°♈00'44	19°19'34
retrograde	-245 Mar 17 j 20:35	7°♈22'37	
evening set	-245 Mar 20 j 01:22	7°♈08'24	
inferior conj	-245 Mar 28 j 09:45	2°♈59'59	1°44'29
minimum elong	-245 Mar 28 j 13:36	2°♈53'37	1°43'17
min. Earth dist.	-245 Mar 31 j 05:42	1°♈08'08	0.56349 AU
	-245 Apr 02 j 02:24	30°℞♓	
desc. node	-245 Apr 03 j 19:07	29°♓05'34	
morning rise	-245 Apr 05 j 23:03	28°♓10'26	
direct	-245 Apr 10 j 16:46	27°♓19'00	
	-245 Apr 19 j 03:31	0°♈	
morning max el	-245 Apr 24 j 20:33	4°♈31'41	25°06'36
	-245 May 13 j 01:02	0°♉	
morning set	-245 May 21 j 06:26	16°♉11'43	
asc. node	-245 May 21 j 22:53	17°♉38'39	
	-245 May 27 j 15:51	0°♊	
superior conj	-245 May 28 j 06:21	1°♊19'02	1°02'15
minimum elong	-245 May 28 j 04:02	1°♊06'29	1°01'51
max. Earth dist.	-245 May 29 j 11:34	3°♊57'59	1.32841 AU
evening rise	-245 Jun 04 j 10:30	16°♊35'18	
	-245 Jun 11 j 07:30	0°♋	
desc. node	-245 Jun 30 j 18:26	29°♋49'26	
	-245 Jun 30 j 21:57	0°♌	
evening max el	-245 Jul 06 j 17:15	6°♌15'59	27°20'28
retrograde	-245 Jul 20 j 12:27	13°♌33'55	
evening set	-245 Jul 27 j 16:53	11°♌05'45	
min. Earth dist.	-245 Jul 31 j 06:47	8°♌12'19	0.62430 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-245 Aug 03 j 05:21	5°♌25'55	-4°04'05
minimum elong	-245 Aug 03 j 09:54	5°♌15'10	4°03'08
morning rise	-245 Aug 10 j 04:12	0°♌21'09	
	-245 Aug 11 j 10:31	30℞♋	
direct	-245 Aug 12 j 16:23	29°♋52'57	
	-245 Aug 13 j 22:03	0°♌	
asc. node	-245 Aug 17 j 22:04	1°♌58'30	
morning max el	-245 Aug 19 j 10:21	3°♌18'49	17°53'58
morning set	-245 Sep 04 j 14:23	28°♌34'32	
	-245 Sep 05 j 09:27	0°♍	
superior conj	-245 Sep 15 j 17:35	18°♍07'52	1°08'55
minimum elong	-245 Sep 15 j 22:37	18°♍29'18	1°08'20
	-245 Sep 22 j 20:46	0°♎	
max. Earth dist.	-245 Sep 22 j 19:43	29°♍55'44	1.43116 AU
desc. node	-245 Sep 26 j 17:44	6°♎13'54	
evening rise	-245 Sep 30 j 13:01	12°♎13'25	
	-245 Oct 12 j 06:09	0°♏	
evening max el	-245 Oct 31 j 10:27	25°♏29'30	21°30'05
	-245 Nov 06 j 05:23	0°♐	
retrograde	-245 Nov 09 j 06:58	0°♐45'18	
	-245 Nov 12 j 03:51	30℞♏	
evening set	-245 Nov 13 j 11:45	29°♏07'13	
asc. node	-245 Nov 13 j 21:18	28°♏47'34	
inferior conj	-245 Nov 18 j 20:20	22°♏52'11	1°38'44
minimum elong	-245 Nov 18 j 18:15	22°♏59'21	1°37'56
min. Earth dist.	-245 Nov 19 j 02:08	22°♏32'07	0.67505 AU
morning rise	-245 Nov 24 j 00:37	16°♏39'03	
direct	-245 Nov 29 j 01:51	14°♏29'22	
morning max el	-245 Dec 09 j 08:31	20°♏36'09	23°17'05
	-245 Dec 17 j 09:10	0°♐	
desc. node	-245 Dec 23 j 16:57	8°♐34'33	
	-244 Jan 06 j 22:56	0°♑	
morning set	-244 Jan 13 j 06:22	10°♑18'26	
max. Earth dist.	-244 Jan 17 j 13:03	17°♑36'42	1.39394 AU
	-244 Jan 24 j 10:57	0°♒	
superior conj	-244 Jan 25 j 03:44	1°♒17'33	-1°55'29
minimum elong	-244 Jan 25 j 06:33	1°♒30'38	1°55'20
evening rise	-244 Feb 03 j 13:12	19°♒11'24	
	-244 Feb 09 j 06:47	0°♓	
asc. node	-244 Feb 09 j 20:38	1°♓02'17	
evening max el	-244 Feb 19 j 20:10	15°♓24'25	18°36'00
retrograde	-244 Feb 27 j 14:42	19°♓12'07	
evening set	-244 Mar 01 j 00:17	18°♓51'41	
inferior conj	-244 Mar 08 j 13:52	14°♓24'38	2°59'04
minimum elong	-244 Mar 08 j 18:00	14°♓16'38	2°58'10
min. Earth dist.	-244 Mar 11 j 23:18	11°♓48'21	0.58105 AU
morning rise	-244 Mar 16 j 08:57	9°♓04'15	
desc. node	-244 Mar 20 j 16:09	7°♓44'32	
direct	-244 Mar 22 j 04:57	7°♓38'34	
morning max el	-244 Apr 05 j 13:23	15°♓13'39	26°31'08
	-244 Apr 17 j 11:13	0°♈	
	-244 May 04 j 04:30	0°♉	
morning set	-244 May 04 j 17:19	1°♉06'58	
asc. node	-244 May 07 j 19:55	7°♉44'53	
superior conj	-244 May 11 j 17:53	16°♉18'28	0°40'23
minimum elong	-244 May 11 j 16:12	16°♉09'15	0°40'02
max. Earth dist.	-244 May 11 j 23:30	16°♉49'15	1.32420 AU
	-244 May 18 j 01:43	0°♊	
evening rise	-244 May 18 j 17:00	1°♊20'09	
	-244 Jun 03 j 08:28	0°♋	
desc. node	-244 Jun 16 j 15:28	17°♋12'59	
evening max el	-244 Jun 17 j 20:34	18°♋24'27	26°45'30
retrograde	-244 Jul 01 j 19:56	25°♋40'19	
evening set	-244 Jul 08 j 14:56	23°♋40'35	
min. Earth dist.	-244 Jul 12 j 10:07	21°♋02'03	0.60438 AU
inferior conj	-244 Jul 15 j 17:21	18°♋18'28	-4°35'03
minimum elong	-244 Jul 15 j 20:12	18°♋12'32	4°34'47
morning rise	-244 Jul 23 j 03:21	13°♋35'40	
direct	-244 Jul 25 j 14:53	13°♋12'10	
morning max el	-244 Aug 01 j 22:30	16°♋46'39	18°08'52
asc. node	-244 Aug 03 j 19:07	18°♋45'57	
	-244 Aug 11 j 07:09	0°♌	
morning set	-244 Aug 17 j 20:29	11°♌59'27	
superior conj	-244 Aug 27 j 13:28	29°♌55'41	1°32'55
minimum elong	-244 Aug 27 j 17:12	0°♍12'26	1°32'37
	-244 Aug 27 j 14:26	0°♍	
max. Earth dist.	-244 Sep 04 j 04:26	13°♍11'34	1.41372 AU
evening rise	-244 Sep 09 j 11:01	21°♍54'07	
desc. node	-244 Sep 12 j 14:47	26°♍56'56	
	-244 Sep 14 j 13:27	0°♎	
	-244 Oct 05 j 10:02	0°♏	
evening max el	-244 Oct 13 j 02:56	8°♏58'58	22°47'55
retrograde	-244 Oct 23 j 01:49	14°♏53'46	
evening set	-244 Oct 27 j 19:09	12°♏58'00	
asc. node	-244 Oct 30 j 18:19	9°♏48'57	
inferior conj	-244 Nov 02 j 03:26	6°♏37'31	0°48'49
minimum elong	-244 Nov 02 j 02:19	6°♏41'22	0°48'20
min. Earth dist.	-244 Nov 01 j 22:39	6°♏54'03	0.67658 AU
morning rise	-244 Nov 07 j 09:24	0°♏26'39	
	-244 Nov 07 j 23:23	30℞♎	
direct	-244 Nov 11 j 19:48	28°♎39'33	
	-244 Nov 16 j 00:56	0°♏	
morning max el	-244 Nov 20 j 21:38	4°♏00'24	21°51'18
desc. node	-244 Dec 09 j 14:01	28°♏35'09	
	-244 Dec 10 j 12:57	0°♐	
morning set	-244 Dec 23 j 05:50	19°♐34'15	
max. Earth dist.	-244 Dec 29 j 11:53	29°♐45'58	1.41467 AU
	-244 Dec 29 j 15:15	0°♑	
superior conj	-243 Jan 06 j 03:55	12°♑52'58	-2°01'35
minimum elong	-243 Jan 06 j 03:46	12°♑52'15	2°01'34
	-243 Jan 15 j 15:03	0°♒	
evening rise	-243 Jan 16 j 19:09	2°♒09'45	
asc. node	-243 Jan 26 j 17:40	19°♒45'13	
evening max el	-243 Feb 02 j 04:25	28°♒15'05	18°12'29
	-243 Feb 04 j 05:57	0°♓	
retrograde	-243 Feb 09 j 02:49	1°♓44'28	
evening set	-243 Feb 11 j 17:11	1°♓15'50	
	-243 Feb 14 j 04:52	30℞♒	
inferior conj	-243 Feb 18 j 14:37	26°♒27'57	3°39'03
minimum elong	-243 Feb 18 j 16:48	26°♒23'01	3°38'49
min. Earth dist.	-243 Feb 21 j 22:29	23°♒29'38	0.60174 AU
morning rise	-243 Feb 25 j 14:26	20°♒45'43	
direct	-243 Mar 04 j 05:34	18°♒41'57	
desc. node	-243 Mar 07 j 13:11	19°♒11'15	
morning max el	-243 Mar 18 j 11:59	26°♒29'12	27°27'05
	-243 Mar 21 j 19:38	0°♓	
	-243 Apr 10 j 22:16	0°♈	
morning set	-243 Apr 19 j 01:22	15°♈51'57	
asc. node	-243 Apr 24 j 16:59	27°♈55'50	
max. Earth dist.	-243 Apr 25 j 12:08	29°♈40'29	1.32361 AU
	-243 Apr 25 j 15:42	0°♉	
superior conj	-243 Apr 26 j 05:28	1°♉15'26	0°16'03
minimum elong	-243 Apr 26 j 04:45	1°♉11'29	0°15'54
evening rise	-243 May 03 j 03:05	16°♉13'31	
	-243 May 10 j 00:09	0°♊	
evening max el	-243 May 30 j 17:08	29°♊47'47	25°39'49
	-243 May 30 j 22:16	0°♋	
desc. node	-243 Jun 03 j 12:28	3°♋01'45	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-243 Jun 13 j 18:28	6°♋59'31	
evening set	-243 Jun 19 j 14:54	5°♋38'07	
min. Earth dist.	-243 Jun 24 j 05:24	2°♋56'22	0.58386 AU
inferior conj	-243 Jun 27 j 11:38	0°♋36'10	-4°42'51
minimum elong	-243 Jun 27 j 10:44	0°♋37'48	4°42'50
	-243 Jun 28 j 07:50	30°℞♊	
morning rise	-243 Jul 05 j 09:08	26°♊15'41	
direct	-243 Jul 07 j 21:40	25°♊55'26	
morning max el	-243 Jul 16 j 04:29	29°♊50'13	18°43'56
	-243 Jul 16 j 08:36	0°♋	
asc. node	-243 Jul 21 j 16:11	6°♋32'08	
morning set	-243 Aug 01 j 14:03	25°♋58'16	
	-243 Aug 03 j 15:34	0°♌	
superior conj	-243 Aug 10 j 06:26	12°♌46'24	1°44'53
minimum elong	-243 Aug 10 j 07:59	12°♌53'43	1°44'50
max. Earth dist.	-243 Aug 17 j 08:03	25°♌42'20	1.39385 AU
	-243 Aug 19 j 19:03	0°♍	
evening rise	-243 Aug 21 j 09:01	2°♍42'30	
desc. node	-243 Aug 30 j 11:50	17°♍32'19	
	-243 Sep 07 j 19:22	0°♎	
evening max el	-243 Sep 25 j 15:48	22°♎31'30	24°08'10
retrograde	-243 Oct 06 j 17:15	29°♎01'19	
evening set	-243 Oct 12 j 00:35	26°♎47'45	
inferior conj	-243 Oct 17 j 09:59	20°♎25'48	-0°04'39
minimum elong	-243 Oct 17 j 10:06	20°♎25'26	0°04'38
transit middle	-243 Oct 17 j 10:06	20°♎25'26	0°04'38
transit begin	-243 Oct 17 j 07:29	20°♎34'16	
transit end	-243 Oct 17 j 12:43	20°♎16'35	
min. Earth dist.	-243 Oct 16 j 18:53	21°♎16'52	0.67495 AU
asc. node	-243 Oct 17 j 15:23	20°♎07'35	
morning rise	-243 Oct 22 j 19:37	14°♎19'47	
direct	-243 Oct 26 j 16:41	12°♎54'04	
morning max el	-243 Nov 03 j 17:28	17°♎33'38	20°34'07
	-243 Nov 13 j 15:37	0°♏	
desc. node	-243 Nov 26 j 11:04	18°♏53'54	
morning set	-243 Dec 02 j 06:18	27°♏48'59	
	-243 Dec 03 j 15:58	0°♐	
max. Earth dist.	-243 Dec 11 j 18:03	12°♐49'26	1.43239 AU
superior conj	-243 Dec 18 j 03:20	23°♐17'44	-1°53'14
minimum elong	-243 Dec 17 j 22:28	22°♐57'25	1°52'58
	-243 Dec 22 j 02:50	0°♑	
evening rise	-243 Dec 30 j 09:26	14°♑21'51	
	-242 Jan 08 j 10:16	0°♒	
asc. node	-242 Jan 13 j 14:43	7°♒48'40	
evening max el	-242 Jan 16 j 16:13	11°♒23'52	18°08'31
retrograde	-242 Jan 23 j 05:05	14°♒49'08	
evening set	-242 Jan 25 j 23:56	14°♒11'07	
inferior conj	-242 Feb 01 j 08:42	9°♒02'28	3°51'08
minimum elong	-242 Feb 01 j 08:39	9°♒02'37	3°51'08
min. Earth dist.	-242 Feb 04 j 05:31	6°♒06'52	0.62237 AU
morning rise	-242 Feb 07 j 16:14	3°♒06'50	
direct	-242 Feb 14 j 15:57	0°♒32'49	
desc. node	-242 Feb 22 j 10:13	3°♒13'36	
morning max el	-242 Feb 28 j 16:22	8°♒24'36	27°47'06
	-242 Mar 17 j 07:28	0°♓	
morning set	-242 Apr 03 j 04:30	0°♈18'46	
	-242 Apr 03 j 00:48	0°♈	
max. Earth dist.	-242 Apr 08 j 21:36	12°♈17'37	1.32680 AU
superior conj	-242 Apr 10 j 15:22	16°♈03'21	-0°10'00
minimum elong	-242 Apr 10 j 15:50	16°♈05'53	0°09'52
behind sun begin	-242 Apr 10 j 11:46	15°♈43'50	
behind sun end	-242 Apr 10 j 19:54	16°♈27'56	
asc. node	-242 Apr 11 j 14:03	18°♈06'36	
	-242 Apr 17 j 01:58	0°♉	
evening rise	-242 Apr 17 j 14:46	1°♉07'50	
	-242 May 03 j 13:52	0°♊	
evening max el	-242 May 12 j 08:35	10°♊34'57	24°12'21
desc. node	-242 May 21 j 09:29	16°♊40'28	
retrograde	-242 May 26 j 05:21	17°♊33'37	
evening set	-242 May 30 j 16:39	16°♊49'06	
min. Earth dist.	-242 Jun 05 j 19:54	13°♊48'26	0.56576 AU
inferior conj	-242 Jun 08 j 09:52	12°♊11'27	-4°14'55
minimum elong	-242 Jun 08 j 04:22	12°♊20'06	4°14'01
morning rise	-242 Jun 16 j 18:56	8°♊09'24	
direct	-242 Jun 19 j 09:42	7°♊51'12	
morning max el	-242 Jun 29 j 01:23	12°♊19'51	19°40'02
asc. node	-242 Jul 08 j 13:17	25°♊03'48	
	-242 Jul 11 j 07:45	0°♋	
morning set	-242 Jul 16 j 15:42	10°♋22'31	
superior conj	-242 Jul 24 j 14:59	26°♋24'49	1°47'01
minimum elong	-242 Jul 24 j 14:36	26°♋22'53	1°47'01
	-242 Jul 26 j 10:50	0°♌	
max. Earth dist.	-242 Jul 30 j 11:33	7°♌41'29	1.37410 AU
evening rise	-242 Aug 03 j 07:17	14°♌40'57	
	-242 Aug 12 j 07:31	0°♍	
desc. node	-242 Aug 17 j 08:51	7°♍55'37	
	-242 Sep 02 j 12:12	0°♎	
evening max el	-242 Sep 08 j 03:26	6°♎08'12	25°23'39
retrograde	-242 Sep 20 j 04:15	13°♎04'11	
evening set	-242 Sep 26 j 02:17	10°♎34'23	
min. Earth dist.	-242 Sep 30 j 12:24	5°♎38'48	0.67015 AU
inferior conj	-242 Oct 01 j 14:15	4°♎15'05	-1°00'11
minimum elong	-242 Oct 01 j 15:45	4°♎10'12	0°59'33
asc. node	-242 Oct 04 j 12:26	0°♎40'46	
	-242 Oct 05 j 04:01	30°℞♍	
morning rise	-242 Oct 07 j 05:22	28°♍16'48	
direct	-242 Oct 10 j 15:03	27°♍09'45	
	-242 Oct 16 j 12:32	0°♎	
morning max el	-242 Oct 17 j 20:55	1°♎16'48	19°29'57
	-242 Nov 07 j 06:08	0°♏	
morning set	-242 Nov 11 j 05:30	6°♏09'01	
desc. node	-242 Nov 13 j 08:07	9°♏25'36	
max. Earth dist.	-242 Nov 24 j 07:35	26°♏38'04	1.44471 AU
	-242 Nov 26 j 10:26	0°♐	
superior conj	-242 Nov 28 j 00:06	2°♐30'15	-1°26'51
minimum elong	-242 Nov 27 j 15:54	1°♐57'29	1°26'04
evening rise	-242 Dec 12 j 03:42	25°♐40'22	
	-242 Dec 14 j 17:42	0°♑	
evening max el	-242 Dec 31 j 04:45	24°♑43'52	18°23'25
asc. node	-242 Dec 31 j 11:45	25°♑01'21	
retrograde	-241 Jan 06 j 17:17	28°♑17'29	
evening set	-241 Jan 09 j 16:53	27°♑29'05	
inferior conj	-241 Jan 15 j 16:14	22°♑00'56	3°42'52
minimum elong	-241 Jan 15 j 14:31	22°♑05'52	3°42'40
min. Earth dist.	-241 Jan 17 j 22:00	19°♑27'38	0.64055 AU
morning rise	-241 Jan 21 j 11:35	15°♑57'01	
direct	-241 Jan 28 j 09:56	13°♑07'09	
desc. node	-241 Feb 09 j 07:17	19°♑17'00	
morning max el	-241 Feb 11 j 00:43	20°♑56'08	27°30'46
	-241 Feb 18 j 21:47	0°♒	
	-241 Mar 10 j 09:12	0°♓	
morning set	-241 Mar 18 j 00:08	14°♓19'13	
max. Earth dist.	-241 Mar 23 j 00:06	24°♓28'50	1.33410 AU
superior conj	-241 Mar 25 j 21:45	0°♈36'14	-0°36'45
minimum elong	-241 Mar 25 j 23:31	0°♈45'37	0°36'23
	-241 Mar 25 j 14:57	0°♈	
asc. node	-241 Mar 29 j 11:06	8°♈13'12	
evening rise	-241 Apr 02 j 02:13	15°♈56'56	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-241 Apr 09 j 03:43	0°♉	
evening max el	-241 Apr 24 j 00:15	21°♉09'35	22°36'58
retrograde	-241 May 07 j 03:11	27°♉38'21	
desc. node	-241 May 08 j 06:30	27°♉35'28	
evening set	-241 May 10 j 05:51	27°♉17'08	
min. Earth dist.	-241 May 18 j 08:30	23°♉45'42	0.55358 AU
inferior conj	-241 May 19 j 13:39	23°♉04'10	-3°01'54
minimum elong	-241 May 19 j 06:33	23°♉14'18	2°59'52
morning rise	-241 May 28 j 09:22	19°♉10'25	
direct	-241 May 31 j 04:25	18°♉52'22	
morning max el	-241 Jun 11 j 11:17	24°♉07'28	20°56'33
	-241 Jun 16 j 16:14	0°♊	
asc. node	-241 Jun 25 j 10:21	14°♊09'26	
morning set	-241 Jun 30 j 22:43	25°♊04'14	
	-241 Jul 03 j 07:49	0°♋	
superior conj	-241 Jul 08 j 10:32	10°♋37'06	1°41'26
minimum elong	-241 Jul 08 j 08:48	10°♋28'16	1°41'19
max. Earth dist.	-241 Jul 12 j 20:34	19°♋31'52	1.35657 AU
evening rise	-241 Jul 17 j 01:24	27°♋37'34	
	-241 Jul 18 j 07:59	0°♌	
desc. node	-241 Aug 04 j 05:51	28°♌00'18	
	-241 Aug 05 j 14:45	0°♍	
evening max el	-241 Aug 21 j 15:11	19°♍44'18	26°26'38
retrograde	-241 Sep 03 j 10:12	26°♍56'14	
evening set	-241 Sep 09 j 22:14	24°♍14'27	
min. Earth dist.	-241 Sep 14 j 00:40	19°♍56'03	0.66196 AU
inferior conj	-241 Sep 15 j 14:17	18°♍01'40	-1°56'08
minimum elong	-241 Sep 15 j 17:13	17°♍52'44	1°54'58
asc. node	-241 Sep 21 j 09:30	12°♍18'46	
morning rise	-241 Sep 21 j 12:34	12°♍14'20	
direct	-241 Sep 24 j 13:07	11°♍22'33	
morning max el	-241 Oct 01 j 06:54	15°♍06'47	18°41'06
	-241 Oct 12 j 05:21	0°♎	
morning set	-241 Oct 22 j 01:42	15°♎35'55	
desc. node	-241 Oct 31 j 05:08	0°♏05'32	
	-241 Oct 31 j 03:44	0°♏	
superior conj	-241 Nov 07 j 02:19	10°♏55'31	-0°44'04
minimum elong	-241 Nov 06 j 20:39	10°♏33'14	0°43'20
max. Earth dist.	-241 Nov 07 j 01:35	10°♏52'36	1.45010 AU
	-241 Nov 19 j 04:14	0°♐	
evening rise	-241 Nov 22 j 22:30	5°♐59'43	
greatest brilliancy	-241 Nov 30 j 11:08	18°♐01'25	-0.8m
	-241 Dec 08 j 05:52	0°♑	
evening max el	-241 Dec 14 j 15:23	8°♑09'14	18°56'16
asc. node	-241 Dec 18 j 08:46	11°♑09'05	
retrograde	-241 Dec 21 j 11:32	12°♑01'50	
evening set	-241 Dec 24 j 16:55	11°♑01'52	
inferior conj	-241 Dec 30 j 09:33	5°♑16'37	3°20'04
minimum elong	-241 Dec 30 j 06:56	5°♑24'44	3°19'32
min. Earth dist.	-240 Jan 01 j 00:04	3°♑16'57	0.65504 AU
	-240 Jan 03 j 22:05	30°℞♐	
morning rise	-240 Jan 04 j 20:39	29°♐07'15	
direct	-240 Jan 11 j 10:22	26°♐16'16	
	-240 Jan 20 j 02:15	0°♑	
morning max el	-240 Jan 24 j 10:29	3°♑53'14	26°43'04
desc. node	-240 Jan 27 j 04:20	6°♑47'41	
	-240 Feb 13 j 07:19	0°♒	
morning set	-240 Feb 29 j 08:54	27°♒43'11	
	-240 Mar 01 j 13:27	0°♓	
max. Earth dist.	-240 Mar 04 j 16:18	6°♓07'23	1.34579 AU
superior conj	-240 Mar 08 j 22:30	14°♓47'42	-1°03'04
minimum elong	-240 Mar 09 j 01:27	15°♓03'02	1°02'33
asc. node	-240 Mar 15 j 08:07	28°♓11'43	
evening rise	-240 Mar 16 j 11:37	0°♈34'47	
	-240 Mar 16 j 04:55	0°♈	
	-240 Apr 03 j 00:14	0°♉	
evening max el	-240 Apr 04 j 23:01	2°♉01'34	21°07'45
retrograde	-240 Apr 16 j 17:00	7°♉43'20	
evening set	-240 Apr 19 j 00:02	7°♉31'05	
desc. node	-240 Apr 24 j 03:32	5°♉46'22	
inferior conj	-240 Apr 28 j 08:07	3°♉32'08	-1°11'46
minimum elong	-240 Apr 28 j 04:43	3°♉36'55	1°10'34
min. Earth dist.	-240 Apr 28 j 21:23	3°♉13'23	0.55004 AU
	-240 May 05 j 13:43	30°℞♈	
morning rise	-240 May 07 j 09:26	29°♈28'48	
direct	-240 May 10 j 14:44	29°♈06'21	
	-240 May 15 j 11:37	0°♉	
morning max el	-240 May 23 j 10:42	5°♉14'00	22°29'35
	-240 Jun 09 j 10:26	0°♊	
asc. node	-240 Jun 11 j 07:24	3°♊40'34	
morning set	-240 Jun 14 j 09:03	9°♊57'29	
superior conj	-240 Jun 21 j 13:39	25°♊13'13	1°29'48
minimum elong	-240 Jun 21 j 11:16	25°♊00'35	1°29'32
	-240 Jun 23 j 20:15	0°♋	
max. Earth dist.	-240 Jun 24 j 14:37	1°♋35'20	1.34255 AU
evening rise	-240 Jun 29 j 10:34	11°♋19'28	
	-240 Jul 09 j 16:28	0°♌	
desc. node	-240 Jul 21 j 02:51	17°♌38'16	
	-240 Jul 31 j 00:16	0°♍	
evening max el	-240 Aug 03 j 02:58	3°♍11'23	27°09'29
retrograde	-240 Aug 16 j 10:49	10°♍30'32	
evening set	-240 Aug 23 j 10:00	7°♍44'29	
min. Earth dist.	-240 Aug 27 j 05:28	4°♍03'10	0.65014 AU
inferior conj	-240 Aug 29 j 07:57	1°♍41'50	-2°50'19
minimum elong	-240 Aug 29 j 12:05	1°♍30'14	2°48'54
	-240 Aug 30 j 21:03	30°℞♌	
morning rise	-240 Sep 04 j 14:53	26°♌08'37	
direct	-240 Sep 07 j 08:37	25°♌28'33	
asc. node	-240 Sep 07 j 06:34	25°♌28'35	
morning max el	-240 Sep 13 j 21:09	28°♌59'13	18°08'51
	-240 Sep 14 j 20:08	0°♍	
morning set	-240 Oct 02 j 02:33	26°♍27'18	
	-240 Oct 04 j 05:50	0°♎	
superior conj	-240 Oct 16 j 06:45	19°♎33'20	0°05'21
minimum elong	-240 Oct 16 j 07:25	19°♎35'59	0°05'15
behind sun begin	-240 Oct 15 j 21:06	18°♎54'51	
behind sun end	-240 Oct 16 j 17:44	20°♎17'04	
desc. node	-240 Oct 17 j 02:09	20°♎50'32	
max. Earth dist.	-240 Oct 19 j 20:23	25°♎12'48	1.44808 AU
	-240 Oct 22 j 21:23	0°♏	
evening rise	-240 Nov 01 j 18:44	15°♏24'46	
	-240 Nov 11 j 05:48	0°♐	
greatest brilliancy	-240 Nov 14 j 16:18	5°♐12'21	-0.7m
evening max el	-240 Nov 26 j 22:01	21°♐36'31	19°45'29
retrograde	-240 Dec 04 j 08:41	25°♐56'50	
asc. node	-240 Dec 04 j 05:48	25°♐56'45	
evening set	-240 Dec 07 j 21:30	24°♐43'41	
inferior conj	-240 Dec 13 j 09:36	18°♐44'17	2°46'40
minimum elong	-240 Dec 13 j 06:48	18°♐53'34	2°45'51
min. Earth dist.	-240 Dec 14 j 10:15	17°♐22'59	0.66567 AU
morning rise	-240 Dec 18 j 15:52	12°♐31'41	
direct	-240 Dec 24 j 16:43	9°♐51'09	
morning max el	-239 Jan 05 j 19:38	17°♐03'12	25°32'01
desc. node	-239 Jan 13 j 01:22	25°♐19'43	
	-239 Jan 16 j 15:29	0°♑	
	-239 Feb 05 j 06:13	0°♒	
morning set	-239 Feb 11 j 02:06	10°♒16'03	
max. Earth dist.	-239 Feb 14 j 20:35	17°♒15'51	1.36194 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-239 Feb 20 j 14:50	28°♒28'50	-1°27'20
minimum elong	-239 Feb 20 j 18:34	28°♒47'31	1°26'50
	-239 Feb 21 j 09:03	0°♓	
evening rise	-239 Feb 28 j 16:49	14°♓53'41	
asc. node	-239 Mar 02 j 05:08	17°♓56'41	
	-239 Mar 08 j 14:00	0°♈	
evening max el	-239 Mar 18 j 08:45	13°♈28'26	19°53'41
retrograde	-239 Mar 28 j 09:45	18°♈17'20	
evening set	-239 Mar 30 j 12:29	18°♈05'28	
inferior conj	-239 Apr 08 j 07:29	14°♈04'32	0°45'55
minimum elong	-239 Apr 08 j 09:28	14°♈01'29	0°45'14
min. Earth dist.	-239 Apr 10 j 11:35	12°♈44'47	0.55608 AU
desc. node	-239 Apr 11 j 00:33	12°♈25'27	
morning rise	-239 Apr 17 j 04:11	9°♈33'37	
direct	-239 Apr 21 j 06:16	8°♈56'42	
morning max el	-239 May 05 j 03:02	15°♈50'45	24°10'22
	-239 May 16 j 09:38	0°♉	
asc. node	-239 May 29 j 04:26	23°♉29'25	
morning set	-239 May 29 j 20:53	24°♉55'36	
	-239 Jun 01 j 06:04	0°♊	
superior conj	-239 Jun 05 j 21:39	10°♊03'42	1°13'26
minimum elong	-239 Jun 05 j 19:11	9°♊50'19	1°13'03
max. Earth dist.	-239 Jun 07 j 17:35	14°♊00'08	1.33244 AU
evening rise	-239 Jun 13 j 06:31	25°♊33'38	
	-239 Jun 15 j 12:02	0°♋	
	-239 Jul 03 j 03:20	0°♌	
desc. node	-239 Jul 07 j 23:53	6°♌37'40	
evening max el	-239 Jul 16 j 13:21	16°♌17'33	27°25'29
retrograde	-239 Jul 30 j 05:41	23°♌37'39	
evening set	-239 Aug 06 j 10:24	20°♌58'58	
min. Earth dist.	-239 Aug 10 j 00:59	17°♌50'32	0.63460 AU
inferior conj	-239 Aug 12 j 16:38	15°♌09'42	-3°39'40
minimum elong	-239 Aug 12 j 21:22	14°♌57'44	3°38'26
morning rise	-239 Aug 19 j 09:26	9°♌53'45	
direct	-239 Aug 21 j 22:49	9°♌22'08	
asc. node	-239 Aug 25 j 03:37	10°♌12'19	
morning max el	-239 Aug 28 j 12:53	12°♌47'37	17°54'08
	-239 Sep 09 j 06:58	0°♍	
morning set	-239 Sep 14 j 04:48	8°♍31'52	
superior conj	-239 Sep 26 j 08:32	29°♍16'23	0°49'06
minimum elong	-239 Sep 26 j 13:09	29°♍35'29	0°48'29
	-239 Sep 26 j 19:05	0°♎	
max. Earth dist.	-239 Oct 02 j 12:41	9°♎19'40	1.43902 AU
desc. node	-239 Oct 03 j 23:12	11°♎37'33	
evening rise	-239 Oct 12 j 02:04	24°♎20'58	
	-239 Oct 15 j 18:26	0°♏	
	-239 Nov 05 j 13:48	0°♐	
evening max el	-239 Nov 09 j 23:19	5°♐04'49	20°48'43
retrograde	-239 Nov 18 j 06:17	9°♐59'21	
asc. node	-239 Nov 21 j 02:50	9°♐13'02	
evening set	-239 Nov 22 j 04:34	8°♐31'06	
inferior conj	-239 Nov 27 j 13:59	2°♐20'52	2°05'22
minimum elong	-239 Nov 27 j 11:31	2°♐29'19	2°04'29
min. Earth dist.	-239 Nov 28 j 02:22	1°♐38'33	0.67261 AU
	-239 Nov 29 j 07:41	30°℞♏	
morning rise	-239 Dec 02 j 18:16	26°♏07'09	
direct	-239 Dec 08 j 04:18	23°♏44'47	
	-239 Dec 18 j 20:45	0°♐	
morning max el	-239 Dec 19 j 04:01	0°♐18'12	24°07'37
desc. node	-239 Dec 30 j 22:24	14°♐35'31	
	-238 Jan 10 j 13:35	0°♑	
morning set	-238 Jan 23 j 21:53	21°♑41'46	
max. Earth dist.	-238 Jan 27 j 16:28	28°♑20'09	1.38173 AU
	-238 Jan 28 j 14:40	0°♒	

superior conj	-238 Feb 03 j 19:19	11°♒30'43	-1°47'14
minimum elong	-238 Feb 03 j 22:55	11°♒47'53	1°46'55
evening rise	-238 Feb 12 j 15:26	28°♒47'04	
	-238 Feb 13 j 06:17	0°♓	
asc. node	-238 Feb 17 j 02:10	7°♓22'55	
evening max el	-238 Mar 01 j 05:19	25°♓33'23	18°58'37
retrograde	-238 Mar 09 j 16:37	29°♓38'29	
evening set	-238 Mar 11 j 23:16	29°♓22'00	
inferior conj	-238 Mar 19 j 23:35	25°♓06'37	2°20'32
minimum elong	-238 Mar 20 j 03:57	24°♓58'53	2°19'19
min. Earth dist.	-238 Mar 23 j 03:37	22°♓53'17	0.57037 AU
morning rise	-238 Mar 28 j 05:36	20°♓02'54	
desc. node	-238 Mar 28 j 21:35	19°♓47'36	
direct	-238 Apr 02 j 11:06	18°♓57'44	
morning max el	-238 Apr 16 j 17:55	26°♓22'11	25°45'10
	-238 Apr 20 j 04:39	0°♈	
	-238 May 09 j 11:41	0°♉	
morning set	-238 May 14 j 08:34	9°♉53'15	
asc. node	-238 May 16 j 01:28	13°♉30'34	
superior conj	-238 May 21 j 08:27	25°♉01'38	0°53'19
minimum elong	-238 May 21 j 06:22	24°♉50'13	0°52'56
max. Earth dist.	-238 May 22 j 03:11	26°♉44'05	1.32617 AU
	-238 May 23 j 15:10	0°♊	
evening rise	-238 May 28 j 09:58	10°♊09'54	
	-238 Jun 07 j 19:10	0°♋	
desc. node	-238 Jun 24 j 20:55	24°♋42'21	
evening max el	-238 Jun 28 j 20:11	28°♋50'44	27°09'43
	-238 Jun 30 j 02:19	0°♌	
retrograde	-238 Jul 12 j 17:46	6°♌08'07	
evening set	-238 Jul 19 j 19:24	3°♌50'41	
min. Earth dist.	-238 Jul 23 j 10:20	1°♌05'17	0.61597 AU
	-238 Jul 24 j 16:00	30°℞♋	
inferior conj	-238 Jul 26 j 13:13	28°♋17'51	-4°19'26
minimum elong	-238 Jul 26 j 17:18	28°♋08'42	4°18'46
morning rise	-238 Aug 02 j 16:45	23°♋21'59	
direct	-238 Aug 05 j 04:17	22°♋56'05	
morning max el	-238 Aug 12 j 03:11	26°♋24'50	17°57'53
asc. node	-238 Aug 12 j 00:40	26°♋18'47	
	-238 Aug 15 j 05:51	0°♌	
morning set	-238 Aug 28 j 02:22	21°♌31'48	
	-238 Sep 01 j 18:00	0°♍	
superior conj	-238 Sep 07 j 13:43	10°♍20'04	1°20'41
minimum elong	-238 Sep 07 j 18:26	10°♍40'34	1°20'12
max. Earth dist.	-238 Sep 15 j 00:34	22°♍57'55	1.42416 AU
	-238 Sep 19 j 08:25	0°♎	
desc. node	-238 Sep 20 j 20:15	2°♎22'51	
evening rise	-238 Sep 21 j 14:01	3°♎33'13	
	-238 Oct 09 j 04:41	0°♏	
evening max el	-238 Oct 23 j 18:56	18°♏33'52	22°02'36
retrograde	-238 Nov 02 j 02:28	24°♏06'09	
evening set	-238 Nov 06 j 12:19	22°♏20'53	
asc. node	-238 Nov 07 j 23:53	20°♏57'48	
inferior conj	-238 Nov 11 j 20:38	16°♏03'18	1°18'07
minimum elong	-238 Nov 11 j 18:55	16°♏09'13	1°17'25
min. Earth dist.	-238 Nov 11 j 21:56	15°♏58'47	0.67610 AU
morning rise	-238 Nov 17 j 01:21	9°♏50'47	
direct	-238 Nov 21 j 20:16	7°♏50'24	
morning max el	-238 Dec 01 j 14:14	13°♏37'19	22°39'52
	-238 Dec 14 j 17:31	0°♐	
desc. node	-238 Dec 17 j 19:27	4°♐22'16	
	-237 Jan 03 j 12:28	0°♑	
morning set	-237 Jan 04 j 14:09	1°♑44'58	
max. Earth dist.	-237 Jan 09 j 12:17	9°♑58'50	1.40302 AU
superior conj	-237 Jan 17 j 07:25	23°♑41'31	-1°59'33

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-237 Jan 17 j 09:14	23°♑49'48	1°59'29
	-237 Jan 20 j 17:54	0°♒	
evening rise	-237 Jan 27 j 04:27	12°♒07'24	
asc. node	-237 Feb 03 j 23:12	26°♒23'41	
	-237 Feb 06 j 03:42	0°♓	
evening max el	-237 Feb 12 j 10:12	8°♓09'45	18°23'33
retrograde	-237 Feb 19 j 18:29	11°♓47'19	
evening set	-237 Feb 22 j 06:22	11°♓23'25	
inferior conj	-237 Mar 01 j 12:39	6°♓47'39	3°19'56
minimum elong	-237 Mar 01 j 16:06	6°♓40'32	3°19'20
min. Earth dist.	-237 Mar 04 j 23:04	3°♓59'01	0.58976 AU
morning rise	-237 Mar 08 j 23:25	1°♓17'08	
	-237 Mar 12 j 03:05	30°℞♒	
direct	-237 Mar 15 j 05:01	29°♒34'53	
desc. node	-237 Mar 15 j 18:36	29°♒35'43	
	-237 Mar 18 j 08:18	0°♓	
morning max el	-237 Mar 29 j 12:44	7°♓15'32	26°59'00
	-237 Apr 15 j 14:05	0°♈	
morning set	-237 Apr 28 j 18:30	24°♈44'50	
	-237 May 01 j 05:59	0°♉	
asc. node	-237 May 02 j 22:32	3°♉39'15	
superior conj	-237 May 05 j 20:14	10°♉00'46	0°30'19
minimum elong	-237 May 05 j 18:56	9°♉53'35	0°30'03
max. Earth dist.	-237 May 05 j 15:59	9°♉37'21	1.32353 AU
evening rise	-237 May 12 j 18:17	24°♉59'39	
	-237 May 15 j 04:25	0°♊	
	-237 Jun 01 j 17:42	0°♋	
evening max el	-237 Jun 10 j 21:00	10°♋41'11	26°21'04
desc. node	-237 Jun 11 j 17:55	11°♋29'50	
retrograde	-237 Jun 24 j 21:27	17°♋54'54	
evening set	-237 Jul 01 j 08:29	16°♋11'05	
min. Earth dist.	-237 Jul 05 j 10:02	13°♋33'18	0.59556 AU
inferior conj	-237 Jul 08 j 18:12	10°♋57'25	-4°41'58
minimum elong	-237 Jul 08 j 19:42	10°♋54'29	4°41'54
morning rise	-237 Jul 16 j 09:00	6°♋23'53	
direct	-237 Jul 18 j 20:54	6°♋01'47	
morning max el	-237 Jul 26 j 13:03	9°♋43'25	18°21'14
asc. node	-237 Jul 29 j 21:45	13°♋33'08	
	-237 Aug 08 j 19:48	0°♌	
morning set	-237 Aug 11 j 13:55	5°♌13'01	
superior conj	-237 Aug 20 j 19:19	22°♌36'42	1°39'21
minimum elong	-237 Aug 20 j 22:09	22°♌49'41	1°39'10
	-237 Aug 24 j 21:37	0°♍	
max. Earth dist.	-237 Aug 28 j 07:23	5°♍56'42	1.40545 AU
evening rise	-237 Sep 01 j 21:47	13°♍41'34	
desc. node	-237 Sep 07 j 17:17	23°♍03'14	
	-237 Sep 12 j 05:16	0°♎	
	-237 Oct 04 j 10:08	0°♏	
evening max el	-237 Oct 06 j 09:46	2°♏04'56	23°22'09
retrograde	-237 Oct 16 j 19:52	8°♏14'39	
evening set	-237 Oct 21 j 19:06	6°♏11'13	
asc. node	-237 Oct 25 j 20:56	1°♏34'38	
inferior conj	-237 Oct 27 j 03:43	29°♎49'52	0°26'30
minimum elong	-237 Oct 27 j 03:05	29°♎52'01	0°26'13
min. Earth dist.	-237 Oct 26 j 18:33	0°♏21'18	0.67634 AU
	-237 Oct 27 j 00:46	30°℞♎	
morning rise	-237 Nov 01 j 11:01	23°♎40'56	
direct	-237 Nov 05 j 15:38	22°♎03'05	
morning max el	-237 Nov 14 j 05:56	27°♎04'50	21°17'07
	-237 Nov 16 j 22:12	0°♏	
desc. node	-237 Dec 04 j 16:31	24°♏31'16	
	-237 Dec 08 j 07:37	0°♐	
morning set	-237 Dec 15 j 02:06	10°♐28'52	
max. Earth dist.	-237 Dec 22 j 14:35	22°♐33'30	1.42282 AU
	-237 Dec 27 j 01:57	0°♑	
superior conj	-237 Dec 29 j 21:40	4°♑48'06	-2°00'04
minimum elong	-237 Dec 29 j 19:37	4°♑39'19	2°00'01
evening rise	-236 Jan 10 j 04:16	24°♑47'06	
	-236 Jan 13 j 01:30	0°♒	
asc. node	-236 Jan 21 j 20:15	14°♒50'55	
evening max el	-236 Jan 26 j 20:18	21°♒08'51	18°08'22
retrograde	-236 Feb 02 j 13:20	24°♒34'51	
evening set	-236 Feb 05 j 05:41	24°♒02'14	
inferior conj	-236 Feb 11 j 21:15	19°♒05'02	3°47'06
minimum elong	-236 Feb 11 j 22:27	19°♒02'09	3°47'02
min. Earth dist.	-236 Feb 15 j 01:03	16°♒05'23	0.61073 AU
morning rise	-236 Feb 18 j 13:41	13°♒16'21	
direct	-236 Feb 25 j 09:43	10°♒58'37	
desc. node	-236 Mar 01 j 15:40	12°♒12'08	
morning max el	-236 Mar 10 j 13:57	18°♒47'48	27°40'16
	-236 Mar 20 j 01:19	0°♓	
	-236 Apr 07 j 07:37	0°♈	
morning set	-236 Apr 12 j 00:44	9°♈22'56	
max. Earth dist.	-236 Apr 18 j 03:57	22°♈25'11	1.32452 AU
asc. node	-236 Apr 18 j 19:34	23°♈50'21	
superior conj	-236 Apr 19 j 07:18	24°♈54'21	0°05'11
minimum elong	-236 Apr 19 j 07:03	24°♈53'03	0°05'08
behind sun begin	-236 Apr 19 j 02:14	24°♈26'43	
behind sun end	-236 Apr 19 j 11:52	25°♈19'24	
	-236 Apr 21 j 15:10	0°♉	
evening rise	-236 Apr 26 j 05:17	9°♉54'16	
	-236 May 06 j 14:12	0°♊	
evening max el	-236 May 22 j 14:54	21°♊46'42	25°04'30
desc. node	-236 May 28 j 14:56	26°♊28'06	
retrograde	-236 Jun 05 j 15:00	28°♊54'12	
evening set	-236 Jun 10 j 22:32	27°♊49'15	
min. Earth dist.	-236 Jun 16 j 02:30	25°♊01'24	0.57569 AU
inferior conj	-236 Jun 19 j 04:05	22°♊57'29	-4°36'09
minimum elong	-236 Jun 19 j 01:09	23°♊02'27	4°35'53
morning rise	-236 Jun 27 j 06:32	18°♊45'52	
direct	-236 Jun 29 j 20:06	18°♊26'32	
morning max el	-236 Jul 08 j 15:28	22°♊33'28	19°05'15
	-236 Jul 14 j 16:52	0°♋	
asc. node	-236 Jul 15 j 18:50	1°♋39'53	
morning set	-236 Jul 25 j 11:16	19°♋23'35	
	-236 Jul 30 j 19:49	0°♌	
superior conj	-236 Aug 02 j 19:34	5°♌49'31	1°46'52
minimum elong	-236 Aug 02 j 20:13	5°♌52'43	1°46'51
max. Earth dist.	-236 Aug 09 j 10:31	18°♌12'36	1.38529 AU
evening rise	-236 Aug 13 j 06:25	24°♌59'56	
	-236 Aug 16 j 04:34	0°♍	
desc. node	-236 Aug 24 j 14:19	13°♍33'55	
	-236 Sep 04 j 21:32	0°♎	
evening max el	-236 Sep 17 j 21:44	15°♎38'39	24°41'14
retrograde	-236 Sep 29 j 09:28	22°♎20'47	
evening set	-236 Oct 04 j 23:11	19°♎59'39	
min. Earth dist.	-236 Oct 09 j 13:49	14°♎43'48	0.67332 AU
inferior conj	-236 Oct 10 j 09:29	13°♎38'21	-0°28'04
minimum elong	-236 Oct 10 j 10:11	13°♎36'03	0°27'46
asc. node	-236 Oct 11 j 18:00	11°♎51'46	
morning rise	-236 Oct 15 j 21:15	7°♎35'33	
direct	-236 Oct 19 j 13:11	6°♎18'19	
morning max el	-236 Oct 27 j 05:08	10°♎42'40	20°05'07
	-236 Nov 10 j 17:06	0°♏	
desc. node	-236 Nov 20 j 13:35	14°♏56'03	
morning set	-236 Nov 22 j 22:53	18°♏36'56	
	-236 Nov 30 j 05:55	0°♐	
max. Earth dist.	-236 Dec 04 j 00:23	5°♐59'07	1.43835 AU
superior conj	-236 Dec 09 j 09:31	14°♐40'52	-1°44'20

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-236 Dec 09 j 02:45	14°♐13'14	1°43'50	
	-236 Dec 18 j 13:45	0°♑		
evening rise	-236 Dec 22 j 10:37	6°♑37'50		
	-235 Jan 05 j 17:07	0°♒		
asc. node	-235 Jan 07 j 17:17	2°♒34'37		
evening max el	-235 Jan 09 j 08:42	4°♒23'09	18°12'34	
retrograde	-235 Jan 15 j 20:32	7°♒51'00		
evening set	-235 Jan 18 j 17:13	7°♒08'47		
inferior conj	-235 Jan 24 j 21:36	1°♒51'27	3°49'43	
minimum elong	-235 Jan 24 j 20:45	1°♒53'45	3°49'41	
	-235 Jan 26 j 14:46	30°℞♑		
min. Earth dist.	-235 Jan 27 j 12:10	29°♑03'23	0.63042 AU	
morning rise	-235 Jan 30 j 23:24	25°♑51'31		
direct	-235 Feb 06 j 23:23	23°♑09'03		
desc. node	-235 Feb 16 j 12:42	27°♑10'51		
	-235 Feb 19 j 19:24	0°♒		
morning max el	-235 Feb 20 j 20:38	1°♒01'09	27°44'30	
	-235 Mar 14 j 03:49	0°♓		
morning set	-235 Mar 27 j 01:04	23°♓40'20		
	-235 Mar 30 j 03:16	0°♈		
max. Earth dist.	-235 Apr 01 j 11:06	4°♈53'52	1.32938 AU	
superior conj	-235 Apr 03 j 15:56	9°♈36'54	-0°21'17	
minimum elong	-235 Apr 03 j 16:57	9°♈42'22	0°21'04	
asc. node	-235 Apr 05 j 16:37	14°♈00'02		
evening rise	-235 Apr 10 j 17:06	24°♈47'23		
	-235 Apr 13 j 05:16	0°♉		
	-235 May 01 j 21:35	0°♊		
evening max el	-235 May 04 j 05:21	2°♊24'13	23°31'45	
desc. node	-235 May 15 j 11:55	9°♊00'39		
retrograde	-235 May 17 j 20:39	9°♊13'23		
evening set	-235 May 21 j 17:10	8°♊40'39		
min. Earth dist.	-235 May 28 j 15:47	5°♊28'14	0.55967 AU	
inferior conj	-235 May 30 j 17:50	4°♊13'30	-3°49'32	
minimum elong	-235 May 30 j 11:03	4°♊23'41	3°48'02	
morning rise	-235 Jun 08 j 07:46	0°♊17'02		
	-235 Jun 10 j 11:52	30°℞♉		
direct	-235 Jun 10 j 23:47	29°♉59'22		
	-235 Jun 11 j 11:37	0°♊		
morning max el	-235 Jun 21 j 07:55	4°♊46'16	20°10'14	
asc. node	-235 Jul 02 j 15:53	20°♊26'53		
	-235 Jul 07 j 16:37	0°♋		
morning set	-235 Jul 09 j 15:27	3°♋55'38		
superior conj	-235 Jul 17 j 09:17	19°♋43'47	1°45'29	
minimum elong	-235 Jul 17 j 08:14	19°♋38'34	1°45'27	
max. Earth dist.	-235 Jul 22 j 15:17	0°♌02'49	1.36625 AU	
	-235 Jul 22 j 14:42	0°♌		
evening rise	-235 Jul 26 j 13:42	7°♌24'22		
	-235 Aug 08 j 23:08	0°♍		
desc. node	-235 Aug 11 j 11:19	3°♍49'49		
evening max el	-235 Aug 31 j 09:05	29°♍14'42	25°52'24	
	-235 Sep 01 j 04:01	0°♎		
retrograde	-235 Sep 12 j 18:33	6°♎19'33		
evening set	-235 Sep 18 j 22:42	3°♎43'43		
	-235 Sep 22 j 11:14	30°℞♍		
min. Earth dist.	-235 Sep 23 j 05:23	29°♍03'49	0.66705 AU	
inferior conj	-235 Sep 24 j 12:10	27°♍26'27	-1°24'02	
minimum elong	-235 Sep 24 j 14:17	27°♍19'44	1°23'08	
asc. node	-235 Sep 28 j 15:04	22°♍46'50		
morning rise	-235 Sep 30 j 06:09	21°♍32'31		
direct	-235 Oct 03 j 11:33	20°♍32'35		
morning max el	-235 Oct 10 j 11:38	24°♍29'07	19°07'11	
	-235 Oct 15 j 02:46	0°♎		
morning set	-235 Nov 02 j 04:53	27°♎19'17		
	-235 Nov 03 j 21:57	0°♏		
desc. node	-235 Nov 07 j 10:36	5°♏31'23		
max. Earth dist.	-235 Nov 16 j 15:41	19°♏58'58	1.44779 AU	
superior conj	-235 Nov 18 j 20:29	23°♏27'26	-1°10'19	
minimum elong	-235 Nov 18 j 12:33	22°♏56'04	1°09'25	
	-235 Nov 22 j 23:20	0°♐		
evening rise	-235 Dec 03 j 19:07	17°♐30'56		
	-235 Dec 11 j 09:58	0°♑		
evening max el	-235 Dec 23 j 20:40	17°♑45'38	18°35'20	
asc. node	-235 Dec 25 j 14:20	19°♑21'23		
retrograde	-235 Dec 30 j 11:42	21°♑26'22		
evening set	-234 Jan 02 j 13:29	20°♑33'25		
inferior conj	-234 Jan 08 j 09:42	14°♑57'54	3°34'42	
minimum elong	-234 Jan 08 j 07:30	15°♑04'24	3°34'23	
min. Earth dist.	-234 Jan 10 j 08:59	12°♑37'35	0.64712 AU	
morning rise	-234 Jan 14 j 01:04	8°♑51'10		
direct	-234 Jan 20 j 20:27	5°♑58'51		
morning max el	-234 Feb 03 j 05:55	13°♑45'05	27°13'53	
desc. node	-234 Feb 03 j 09:45	13°♑54'42		
	-234 Feb 16 j 10:28	0°♒		
	-234 Mar 06 j 18:25	0°♓		
morning set	-234 Mar 10 j 16:33	7°♓26'45		
max. Earth dist.	-234 Mar 15 j 09:19	16°♓50'24	1.33848 AU	
superior conj	-234 Mar 18 j 20:12	24°♓01'26	-0°48'03	
minimum elong	-234 Mar 18 j 22:29	24°♓13'32	0°47'36	
	-234 Mar 21 j 15:51	0°♈		
asc. node	-234 Mar 23 j 13:38	4°♈03'33		
evening rise	-234 Mar 26 j 03:53	9°♈32'03		
	-234 Apr 05 j 23:05	0°♉		
evening max el	-234 Apr 15 j 23:20	13°♉03'05	21°57'37	
retrograde	-234 Apr 28 j 14:17	19°♉13'32		
evening set	-234 May 01 j 06:13	18°♉57'45		
desc. node	-234 May 02 j 08:56	18°♉42'16		
min. Earth dist.	-234 May 10 j 04:43	15°♉08'42	0.55091 AU	
inferior conj	-234 May 10 j 16:07	14°♉52'42	-2°18'23	
minimum elong	-234 May 10 j 10:02	15°♉01'15	2°16'25	
morning rise	-234 May 19 j 15:06	10°♉56'52		
direct	-234 May 22 j 13:15	10°♉37'50		
morning max el	-234 Jun 03 j 13:10	16°♉15'55	21°34'26	
	-234 Jun 14 j 02:56	0°♊		
asc. node	-234 Jun 19 j 12:56	9°♊44'07		
morning set	-234 Jun 24 j 00:06	18°♊42'43		
	-234 Jun 29 j 09:10	0°♋		
superior conj	-234 Jul 01 j 08:25	4°♋07'22	1°37'08	
minimum elong	-234 Jul 01 j 06:20	3°♋56'33	1°36'58	
max. Earth dist.	-234 Jul 05 j 03:40	11°♋55'36	1.35014 AU	
evening rise	-234 Jul 09 j 14:49	20°♋42'13		
	-234 Jul 14 j 15:22	0°♌		
desc. node	-234 Jul 29 j 08:18	23°♌44'16		
	-234 Aug 02 j 20:38	0°♍		
evening max el	-234 Aug 13 j 20:59	12°♍48'41	26°47'50	
retrograde	-234 Aug 26 j 22:26	20°♍05'03		
evening set	-234 Sep 02 j 15:31	17°♍20'30		
min. Earth dist.	-234 Sep 06 j 14:54	13°♍17'46	0.65732 AU	
inferior conj	-234 Sep 08 j 09:48	11°♍11'22	-2°19'30	
minimum elong	-234 Sep 08 j 13:18	11°♍01'05	2°18'11	
morning rise	-234 Sep 14 j 11:35	5°♍29'23		
asc. node	-234 Sep 15 j 12:07	5°♍02'27		
direct	-234 Sep 17 j 08:53	4°♍43'03		
morning max el	-234 Sep 23 j 23:43	8°♍20'49	18°25'15	
	-234 Oct 09 j 00:02	0°♎		
morning set	-234 Oct 13 j 13:16	7°♎22'32		
desc. node	-234 Oct 25 j 07:38	26°♎13'55		
	-234 Oct 27 j 16:50	0°♏		
superior conj	-234 Oct 28 j 20:53	1°♏50'35	-0°23'09	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-234 Oct 28 j 17:50	1°♏38'34	0°22'45	
max. Earth dist.	-234 Oct 30 j 10:04	4°♏16'58	1.45013 AU	
evening rise	-234 Nov 14 j 03:45	27°♏25'21		
	-234 Nov 15 j 19:04	0°♐		
greatest brilliancy	-234 Nov 24 j 09:18	13°♐28'05	-0.8m	
	-234 Dec 06 j 03:08	0°♑		
evening max el	-234 Dec 07 j 05:53	1°♑12'22	19°15'23	
asc. node	-234 Dec 12 j 11:22	4°♑56'51		
retrograde	-234 Dec 14 j 07:23	5°♑15'31		
evening set	-234 Dec 17 j 15:44	4°♑10'12		
	-234 Dec 21 j 22:02	30°℞♐		
inferior conj	-234 Dec 23 j 06:12	28°♐18'52	3°07'00	
minimum elong	-234 Dec 23 j 03:26	28°♐27'43	3°06'20	
min. Earth dist.	-234 Dec 24 j 14:42	26°♐35'02	0.66008 AU	
morning rise	-234 Dec 28 j 14:53	22°♐08'01		
direct	-233 Jan 03 j 23:39	19°♐19'57		
morning max el	-233 Jan 16 j 15:18	26°♐47'47	26°15'02	
	-233 Jan 19 j 15:20	0°♑		
desc. node	-233 Jan 21 j 06:49	1°♑53'48		
	-233 Feb 10 j 01:18	0°♒		
morning set	-233 Feb 21 j 19:17	20°♒30'23		
max. Earth dist.	-233 Feb 25 j 20:02	28°♒12'37	1.35214 AU	
	-233 Feb 26 j 17:56	0°♓		
superior conj	-233 Mar 02 j 17:44	8°♓00'58	-1°13'44	
minimum elong	-233 Mar 02 j 21:06	8°♓18'09	1°13'12	
evening rise	-233 Mar 10 j 11:44	24°♓02'15		
asc. node	-233 Mar 10 j 10:40	23°♓56'45		
	-233 Mar 13 j 10:26	0°♈		
evening max el	-233 Mar 29 j 02:41	24°♈09'00	20°34'05	
retrograde	-233 Apr 09 j 03:12	29°♈27'17		
evening set	-233 Apr 11 j 07:02	29°♈15'55		
desc. node	-233 Apr 19 j 05:58	25°♈59'52		
inferior conj	-233 Apr 20 j 10:50	25°♈18'27	-0°20'41	
minimum elong	-233 Apr 20 j 09:52	25°♈19'51	0°20'19	
min. Earth dist.	-233 Apr 21 j 18:05	24°♈33'19	0.55152 AU	
morning rise	-233 Apr 29 j 11:35	21°♈05'03		
direct	-233 May 03 j 00:48	20°♈37'45		
morning max el	-233 May 16 j 08:46	27°♈06'38	23°12'10	
	-233 May 19 j 04:13	0°♉		
asc. node	-233 Jun 06 j 09:57	29°♉23'25		
	-233 Jun 06 j 17:06	0°♊		
morning set	-233 Jun 08 j 11:16	3°♊38'37		
superior conj	-233 Jun 15 j 13:52	18°♊50'17	1°23'22	
minimum elong	-233 Jun 15 j 11:23	18°♊36'58	1°23'03	
max. Earth dist.	-233 Jun 18 j 01:52	24°♊08'38	1.33781 AU	
	-233 Jun 20 j 21:36	0°♋		
evening rise	-233 Jun 23 j 05:02	4°♋39'23		
	-233 Jul 07 j 08:18	0°♌		
desc. node	-233 Jul 16 j 05:19	13°♌07'28		
evening max el	-233 Jul 27 j 08:41	26°♌09'23	27°20'00	
	-233 Jul 31 j 22:21	0°♍		
retrograde	-233 Aug 09 j 20:32	3°♍28'44		
evening set	-233 Aug 16 j 22:51	0°♍44'38		
	-233 Aug 17 j 20:46	30°℞♌		
min. Earth dist.	-233 Aug 20 j 16:01	27°♌17'53	0.64397 AU	
inferior conj	-233 Aug 23 j 00:01	24°♌47'26	-3°12'03	
minimum elong	-233 Aug 23 j 04:31	24°♌35'19	3°10'41	
morning rise	-233 Aug 29 j 10:59	19°♌20'52		
direct	-233 Sep 01 j 02:40	18°♌44'38		
asc. node	-233 Sep 02 j 09:10	18°♌53'02		
morning max el	-233 Sep 07 j 14:53	22°♌12'02	18°00'23	
	-233 Sep 13 j 16:09	0°♍		
morning set	-233 Sep 25 j 01:41	18°♍47'37		
	-233 Oct 01 j 17:41	0°♎		

superior conj	-233 Oct 08 j 08:41	10°♎51'12	0°25'08	
minimum elong	-233 Oct 08 j 11:32	11°♎02'44	0°24'45	
desc. node	-233 Oct 12 j 04:39	17°♎00'02		
max. Earth dist.	-233 Oct 13 j 04:35	18°♎35'08	1.44510 AU	
	-233 Oct 20 j 11:02	0°♏		
evening rise	-233 Oct 24 j 16:45	6°♏33'47		
greatest brilliancy	-233 Nov 07 j 18:08	27°♏53'21	-0.6m	
	-233 Nov 09 j 04:39	0°♐		
evening max el	-233 Nov 20 j 10:28	14°♐40'22	20°10'52	
retrograde	-233 Nov 28 j 04:54	19°♐14'04		
asc. node	-233 Nov 29 j 08:24	19°♐06'35		
evening set	-233 Dec 01 j 21:37	17°♐54'34		
inferior conj	-233 Dec 07 j 08:22	11°♐50'12	2°29'59	
minimum elong	-233 Dec 07 j 05:38	11°♐59'22	2°29'06	
min. Earth dist.	-233 Dec 08 j 03:34	10°♐45'45	0.66912 AU	
morning rise	-233 Dec 12 j 13:29	5°♐37'09		
direct	-233 Dec 18 j 08:14	3°♐03'45		
morning max el	-233 Dec 29 j 23:53	9°♐59'56	24°57'10	
desc. node	-232 Jan 08 j 03:52	20°♐46'04		
	-232 Jan 14 j 20:58	0°♑		
	-232 Feb 02 j 16:44	0°♒		
morning set	-232 Feb 04 j 04:10	2°♒36'31		
max. Earth dist.	-232 Feb 07 j 20:15	9°♒16'12	1.37002 AU	
superior conj	-232 Feb 14 j 05:33	21°♒26'56	-1°36'29	
minimum elong	-232 Feb 14 j 09:23	21°♒45'44	1°36'02	
	-232 Feb 18 j 12:46	0°♓		
evening rise	-232 Feb 22 j 14:29	8°♓11'31		
asc. node	-232 Feb 25 j 07:42	13°♓34'47		
	-232 Mar 05 j 19:15	0°♈		
evening max el	-232 Mar 10 j 17:15	5°♈52'40	19°27'50	
retrograde	-232 Mar 20 j 01:02	10°♈21'19		
evening set	-232 Mar 22 j 05:07	10°♈07'50		
inferior conj	-232 Mar 30 j 16:20	6°♈01'32	1°30'04	
minimum elong	-232 Mar 30 j 19:49	5°♈55'52	1°28'56	
min. Earth dist.	-232 Apr 02 j 08:37	4°♈17'49	0.56130 AU	
desc. node	-232 Apr 05 j 03:01	2°♈40'58		
morning rise	-232 Apr 08 j 07:51	1°♈16'56		
direct	-232 Apr 12 j 21:21	0°♈29'49		
morning max el	-232 Apr 26 j 23:44	7°♈37'58	24°52'24	
	-232 May 13 j 08:50	0°♉		
morning set	-232 May 22 j 23:18	18°♉38'04		
asc. node	-232 May 23 j 07:00	19°♉18'40		
	-232 May 28 j 05:59	0°♊		
superior conj	-232 May 29 j 23:20	3°♊45'14	1°05'19	
minimum elong	-232 May 29 j 20:58	3°♊32'22	1°04'55	
max. Earth dist.	-232 May 31 j 08:22	6°♊44'29	1.32935 AU	
evening rise	-232 Jun 06 j 04:35	19°♊04'40		
	-232 Jun 11 j 18:01	0°♋		
	-232 Jun 30 j 16:27	0°♌		
desc. node	-232 Jul 02 j 02:20	1°♌46'10		
evening max el	-232 Jul 08 j 17:56	9°♌03'24	27°22'44	
retrograde	-232 Jul 22 j 12:21	16°♌21'52		
evening set	-232 Jul 29 j 17:14	13°♌50'24		
min. Earth dist.	-232 Aug 02 j 07:06	10°♌53'32	0.62711 AU	
inferior conj	-232 Aug 05 j 03:59	8°♌08'07	-3°58'03	
minimum elong	-232 Aug 05 j 08:38	7°♌56'56	3°57'02	
morning rise	-232 Aug 12 j 01:16	3°♌00'26		
direct	-232 Aug 14 j 13:42	2°♌31'25		
asc. node	-232 Aug 19 j 06:13	4°♌13'56		
morning max el	-232 Aug 21 j 06:23	5°♌56'46	17°53'25	
	-232 Sep 05 j 19:22	0°♍		
morning set	-232 Sep 06 j 12:51	1°♍17'51		
superior conj	-232 Sep 17 j 22:06	21°♍08'38	1°04'07	
minimum elong	-232 Sep 18 j 03:08	21°♍29'54	1°03'31	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-232 Sep 23 j 06:00	0°♎		max. Earth dist.	-231 Sep 07 j 05:04	15°♍54'49	1.41651 AU
max. Earth dist.	-232 Sep 24 j 19:43	2°♎33'29	1.43338 AU	evening rise	-231 Sep 12 j 18:47	25°♍03'16	
desc. node	-232 Sep 28 j 01:42	7°♎46'37		desc. node	-231 Sep 14 j 22:44	28°♍30'19	
evening rise	-232 Oct 02 j 23:47	15°♎31'00			-231 Sep 15 j 21:28	0°♎	
	-232 Oct 12 j 12:02	0°♏			-231 Oct 06 j 09:43	0°♏	
evening max el	-232 Nov 02 j 09:15	28°♏08'31	21°19'03	evening max el	-231 Oct 16 j 02:29	11°♏37'55	22°36'03
	-232 Nov 04 j 08:03	0°♐		retrograde	-231 Oct 25 j 21:28	17°♏27'10	
retrograde	-232 Nov 11 j 02:10	3°♐18'54		evening set	-231 Oct 30 j 12:45	15°♏34'13	
evening set	-232 Nov 15 j 05:12	1°♐43'22		asc. node	-231 Nov 02 j 02:30	12°♏54'51	
asc. node	-232 Nov 15 j 05:28	1°♐42'51		inferior conj	-231 Nov 04 j 21:00	9°♏14'18	0°56'39
	-232 Nov 17 j 01:11	30°℞♏		minimum elong	-231 Nov 04 j 19:43	9°♏18'44	0°56'07
inferior conj	-232 Nov 20 j 13:56	25°♏29'22	1°45'56	min. Earth dist.	-231 Nov 04 j 17:47	9°♏25'25	0.67654 AU
minimum elong	-232 Nov 20 j 11:45	25°♏36'55	1°45'06	morning rise	-231 Nov 10 j 02:33	3°♏02'51	
min. Earth dist.	-232 Nov 20 j 21:24	25°♏03'41	0.67452 AU	direct	-231 Nov 14 j 15:07	1°♏12'18	
morning rise	-232 Nov 25 j 18:09	19°♏15'59		morning max el	-231 Nov 23 j 21:05	6°♏40'00	22°03'38
direct	-232 Nov 30 j 21:37	17°♏03'01		desc. node	-231 Dec 11 j 22:00	0°♐13'31	
morning max el	-232 Dec 11 j 08:49	23°♏16'58	23°30'11		-231 Dec 11 j 18:18	0°♐	
	-232 Dec 17 j 06:57	0°♐		morning set	-231 Dec 26 j 16:38	22°♐56'16	
desc. node	-232 Dec 25 j 00:56	10°♐16'08			-231 Dec 31 j 00:29	0°♑	
	-231 Jan 07 j 06:41	0°♑		max. Earth dist.	-230 Jan 01 j 13:13	2°♑32'55	1.41174 AU
morning set	-231 Jan 15 j 12:51	13°♑28'17					
max. Earth dist.	-231 Jan 19 j 15:28	20°♑32'23	1.39074 AU	superior conj	-230 Jan 09 j 07:07	15°♑53'19	-2°01'29
	-231 Jan 24 j 22:03	0°♒		minimum elong	-230 Jan 09 j 07:33	15°♑55'13	2°01'29
					-230 Jan 17 j 01:35	0°♒	
superior conj	-231 Jan 27 j 03:39	4°♒08'10	-1°53'37	evening rise	-230 Jan 19 j 17:22	4°♒56'12	
minimum elong	-231 Jan 27 j 06:44	4°♒22'36	1°53'25	asc. node	-230 Jan 29 j 01:49	21°♒39'03	
evening rise	-231 Feb 05 j 09:26	21°♒51'52			-230 Feb 04 j 02:28	0°♓	
	-231 Feb 09 j 15:36	0°♓		evening max el	-230 Feb 05 j 01:04	0°♓58'28	18°14'41
asc. node	-231 Feb 11 j 04:46	2°♓51'09		retrograde	-230 Feb 12 j 01:40	4°♓29'22	
evening max el	-231 Feb 21 j 17:36	18°♓11'18	18°41'14	evening set	-230 Feb 14 j 15:24	4°♓02'01	
retrograde	-231 Mar 01 j 16:13	22°♓03'10			-230 Feb 20 j 19:29	30°℞♒	
evening set	-231 Mar 04 j 00:57	21°♓43'52		inferior conj	-230 Feb 21 j 15:01	29°♒17'24	3°34'55
inferior conj	-231 Mar 11 j 17:15	17°♓19'59	2°50'06	minimum elong	-230 Feb 21 j 17:34	29°♒11'48	3°34'36
minimum elong	-231 Mar 11 j 21:32	17°♓11'53	2°49'05	min. Earth dist.	-230 Feb 24 j 23:59	26°♒20'38	0.59865 AU
min. Earth dist.	-231 Mar 15 j 01:49	14°♓48'54	0.57811 AU	morning rise	-230 Feb 28 j 17:36	23°♒37'53	
morning rise	-231 Mar 19 j 15:14	12°♓03'31		direct	-230 Mar 07 j 06:40	21°♒39'22	
desc. node	-231 Mar 23 j 00:04	10°♓56'47		desc. node	-230 Mar 09 j 21:07	21°♒57'21	
direct	-231 Mar 25 j 07:34	10°♓43'23		morning max el	-230 Mar 21 j 13:31	29°♒25'20	27°20'55
morning max el	-231 Apr 08 j 15:59	18°♓16'22	26°20'06		-230 Mar 22 j 03:27	0°♓	
	-231 Apr 18 j 11:01	0°♈			-230 Apr 12 j 07:23	0°♈	
	-231 May 05 j 17:13	0°♉		morning set	-230 Apr 21 j 19:02	18°♈20'29	
morning set	-231 May 07 j 10:28	3°♉34'04		asc. node	-230 Apr 27 j 01:07	29°♈33'46	
asc. node	-231 May 10 j 04:03	9°♉23'39			-230 Apr 27 j 05:55	0°♉	
superior conj	-231 May 14 j 10:45	18°♉44'25	0°43'53	superior conj	-230 Apr 28 j 22:26	3°♉41'45	0°19'53
minimum elong	-231 May 14 j 08:58	18°♉34'33	0°43'32	minimum elong	-230 Apr 28 j 21:33	3°♉36'55	0°19'41
max. Earth dist.	-231 May 14 j 19:45	19°♉33'45	1.32457 AU	max. Earth dist.	-230 Apr 28 j 08:26	2°♉24'59	1.32344 AU
	-231 May 19 j 15:14	0°♊		evening rise	-230 May 05 j 20:02	18°♉39'34	
evening rise	-231 May 21 j 10:22	3°♊47'21			-230 May 11 j 10:32	0°♊	
	-231 Jun 04 j 13:02	0°♋			-230 May 31 j 02:11	0°♋	
desc. node	-231 Jun 18 j 23:21	19°♋21'16		evening max el	-230 Jun 02 j 19:49	2°♋48'23	25°51'22
evening max el	-231 Jun 20 j 22:10	21°♋18'14	26°52'46	desc. node	-230 Jun 05 j 20:21	5°♋26'28	
retrograde	-231 Jul 04 j 21:12	28°♋34'48		retrograde	-230 Jun 16 j 21:14	10°♋00'52	
evening set	-231 Jul 11 j 18:20	26°♋30'01		evening set	-230 Jun 22 j 21:44	8°♋33'40	
min. Earth dist.	-231 Jul 15 j 11:57	23°♋50'17	0.60743 AU	min. Earth dist.	-230 Jun 27 j 08:21	5°♋53'26	0.58680 AU
inferior conj	-231 Jul 18 j 18:21	21°♋04'56	-4°31'41	inferior conj	-230 Jun 30 j 15:29	3°♋28'33	-4°43'48
minimum elong	-231 Jul 18 j 21:35	20°♋58'02	4°31'18	minimum elong	-230 Jun 30 j 15:16	3°♋28'58	4°43'47
morning rise	-231 Jul 26 j 02:40	16°♋18'49			-230 Jul 06 j 01:13	30°℞♊	
direct	-231 Jul 28 j 14:07	15°♋54'47		morning rise	-230 Jul 08 j 11:13	29°♊04'40	
morning max el	-231 Aug 04 j 19:13	19°♋27'29	18°05'22	direct	-230 Jul 10 j 23:30	28°♊44'00	
asc. node	-231 Aug 06 j 03:17	20°♋51'09			-230 Jul 15 j 15:24	0°♋	
	-231 Aug 12 j 13:46	0°♌		morning max el	-230 Jul 19 j 02:18	2°♋35'10	18°37'23
morning set	-231 Aug 20 j 16:54	14°♌36'40		asc. node	-230 Jul 24 j 00:21	8°♋29'24	
	-231 Aug 29 j 01:22	0°♍		morning set	-230 Aug 04 j 09:02	28°♋31'15	
					-230 Aug 05 j 03:20	0°♌	
superior conj	-231 Aug 30 j 14:21	2°♍45'33	1°30'06				
minimum elong	-231 Aug 30 j 18:23	3°♍03'29	1°29'45	superior conj	-230 Aug 13 j 04:31	15°♌27'51	1°43'46

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-230 Aug 13 j 06:25	15°♌36'41	1°43'40	
max. Earth dist.	-230 Aug 20 j 09:21	28°♌32'33	1.39686 AU	
	-230 Aug 21 j 05:22	0°♍		
evening rise	-230 Aug 24 j 13:02	5°♍41'10		
desc. node	-230 Sep 01 j 19:43	19°♍07'04		
	-230 Sep 09 j 00:22	0°♎		
evening max el	-230 Sep 28 j 15:48	25°♎10'06	23°56'22	
	-230 Oct 04 j 14:08	0°♏		
retrograde	-230 Oct 09 j 13:22	1°♏34'54		
	-230 Oct 14 j 00:20	30°℞♎		
evening set	-230 Oct 14 j 18:33	29°♎24'01		
min. Earth dist.	-230 Oct 19 j 14:12	23°♎48'06	0.67542 AU	
asc. node	-230 Oct 19 j 23:34	23°♎16'18		
inferior conj	-230 Oct 20 j 03:43	23°♎02'10	0°03'36	
minimum elong	-230 Oct 20 j 03:38	23°♎02'28	0°03'34	
transit middle	-230 Oct 20 j 03:38	23°♎02'28	0°03'34	
transit begin	-230 Oct 20 j 00:59	23°♎11'29		
transit end	-230 Oct 20 j 06:17	22°♎53'27		
morning rise	-230 Oct 25 j 12:40	16°♎55'14		
direct	-230 Oct 29 j 11:39	15°♎26'22		
morning max el	-230 Nov 06 j 15:43	20°♎11'24	20°44'49	
	-230 Nov 14 j 17:03	0°♏		
desc. node	-230 Nov 28 j 19:01	20°♏29'48		
	-230 Dec 04 j 23:44	0°♐		
morning set	-230 Dec 05 j 19:24	1°♐16'23		
max. Earth dist.	-230 Dec 14 j 18:18	15°♐28'57	1.43010 AU	
superior conj	-230 Dec 21 j 10:28	26°♐29'11	-1°55'36	
minimum elong	-230 Dec 21 j 06:20	26°♐11'49	1°55'25	
	-230 Dec 23 j 12:23	0°♑		
evening rise	-229 Jan 02 j 10:12	17°♑15'33		
	-229 Jan 09 j 16:24	0°♒		
asc. node	-229 Jan 15 j 22:51	9°♒49'13		
evening max el	-229 Jan 19 j 12:32	14°♒05'10	18°07'52	
retrograde	-229 Jan 26 j 02:06	17°♒30'04		
evening set	-229 Jan 28 j 20:21	16°♒53'25		
inferior conj	-229 Feb 04 j 06:46	11°♒47'42	3°50'42	
minimum elong	-229 Feb 04 j 07:01	11°♒47'03	3°50'42	
min. Earth dist.	-229 Feb 07 j 05:33	8°♒50'25	0.61946 AU	
morning rise	-229 Feb 10 j 16:29	5°♒53'47		
direct	-229 Feb 17 j 15:39	3°♒23'33		
desc. node	-229 Feb 24 j 18:10	5°♒38'25		
morning max el	-229 Mar 03 j 17:02	11°♒14'37	27°46'31	
	-229 Mar 18 j 11:19	0°♓		
	-229 Apr 04 j 13:16	0°♈		
morning set	-229 Apr 05 j 23:02	2°♈50'32		
max. Earth dist.	-229 Apr 11 j 18:39	15°♈05'26	1.32606 AU	
superior conj	-229 Apr 13 j 08:40	18°♈31'31	-0°05'57	
minimum elong	-229 Apr 13 j 08:57	18°♈33'03	0°05'54	
behind sun begin	-229 Apr 13 j 04:10	18°♈07'01		
behind sun end	-229 Apr 13 j 13:44	18°♈59'05		
asc. node	-229 Apr 13 j 22:10	19°♈44'56		
	-229 Apr 18 j 15:23	0°♉		
evening rise	-229 Apr 20 j 07:35	3°♉34'27		
	-229 May 04 j 14:22	0°♊		
evening max el	-229 May 15 j 11:50	13°♊40'08	24°26'18	
desc. node	-229 May 23 j 17:22	19°♊27'42		
retrograde	-229 May 29 j 09:44	20°♊41'21		
evening set	-229 Jun 03 j 02:28	19°♊51'56		
min. Earth dist.	-229 Jun 08 j 23:16	16°♊55'03	0.56814 AU	
inferior conj	-229 Jun 11 j 16:45	15°♊10'44	-4°22'00	
minimum elong	-229 Jun 11 j 11:52	15°♊18'33	4°21'18	
morning rise	-229 Jun 20 j 00:05	11°♊06'24		
direct	-229 Jun 22 j 14:35	10°♊47'54		
morning max el	-229 Jul 02 j 00:40	15°♊10'29	19°30'22	
asc. node	-229 Jul 10 j 21:24	26°♊55'03		
	-229 Jul 12 j 16:13	0°♋		
morning set	-229 Jul 19 j 09:40	12°♋52'39		
superior conj	-229 Jul 27 j 11:05	29°♋00'22	1°47'14	
minimum elong	-229 Jul 27 j 10:57	28°♋59'43	1°47'14	
	-229 Jul 27 j 23:15	0°♌		
max. Earth dist.	-229 Aug 02 j 12:44	10°♌36'18	1.37695 AU	
evening rise	-229 Aug 06 j 07:55	17°♌29'58		
	-229 Aug 13 j 15:54	0°♍		
desc. node	-229 Aug 19 j 16:43	9°♍32'45		
	-229 Sep 03 j 08:27	0°♎		
evening max el	-229 Sep 11 j 03:31	8°♎46'29	25°12'57	
retrograde	-229 Sep 23 j 00:59	15°♎38'53		
evening set	-229 Sep 28 j 20:55	13°♎11'15		
min. Earth dist.	-229 Oct 03 j 08:12	8°♎10'23	0.67114 AU	
inferior conj	-229 Oct 04 j 08:25	6°♎51'23	-0°51'43	
minimum elong	-229 Oct 04 j 09:43	6°♎47'10	0°51'10	
asc. node	-229 Oct 06 j 20:36	3°♎43'33		
morning rise	-229 Oct 09 j 22:37	0°♎51'52		
	-229 Oct 11 j 15:40	30°℞♍		
direct	-229 Oct 13 j 09:54	29°♍42'14		
	-229 Oct 15 j 05:23	0°♎		
morning max el	-229 Oct 20 j 18:04	3°♎53'12	19°38'31	
	-229 Nov 08 j 12:55	0°♏		
morning set	-229 Nov 14 j 17:04	9°♏30'44		
desc. node	-229 Nov 15 j 16:02	10°♏59'43		
max. Earth dist.	-229 Nov 27 j 07:02	29°♏12'29	1.44331 AU	
	-229 Nov 27 j 19:00	0°♐		
superior conj	-229 Dec 01 j 10:53	5°♐51'13	-1°32'02	
minimum elong	-229 Dec 01 j 02:53	5°♐19'04	1°31'17	
evening rise	-229 Dec 15 j 07:38	28°♐42'20		
	-229 Dec 16 j 02:04	0°♑		
asc. node	-228 Jan 02 j 19:53	27°♑10'27		
evening max el	-228 Jan 03 j 01:05	27°♑23'46	18°20'03	
	-228 Jan 06 j 07:23	0°♒		
retrograde	-228 Jan 09 j 13:09	0°♒55'33		
evening set	-228 Jan 12 j 11:59	0°♒08'44		
	-228 Jan 12 j 18:25	30°℞♑		
inferior conj	-228 Jan 18 j 12:32	24°♑43'13	3°45'08	
minimum elong	-228 Jan 18 j 11:01	24°♑47'30	3°45'00	
min. Earth dist.	-228 Jan 20 j 20:34	22°♑05'46	0.63803 AU	
morning rise	-228 Jan 24 j 09:26	18°♑40'15		
direct	-228 Jan 31 j 08:25	15°♑51'58		
desc. node	-228 Feb 11 j 15:13	21°♑26'06		
morning max el	-228 Feb 14 j 01:01	23°♑41'49	27°35'25	
	-228 Feb 19 j 17:07	0°♒		
	-228 Mar 10 j 18:27	0°♓		
morning set	-228 Mar 19 j 19:57	16°♓55'45		
max. Earth dist.	-228 Mar 24 j 22:34	27°♓22'12	1.33274 AU	
	-228 Mar 26 j 04:30	0°♈		
superior conj	-228 Mar 27 j 15:41	3°♈07'10	-0°32'41	
minimum elong	-228 Mar 27 j 17:15	3°♈15'32	0°32'21	
asc. node	-228 Mar 30 j 19:11	9°♈52'35		
evening rise	-228 Apr 03 j 19:11	18°♈25'02		
	-228 Apr 09 j 12:56	0°♉		
evening max el	-228 Apr 26 j 02:55	24°♉14'23	22°51'03	
	-228 May 04 j 18:08	0°♊		
retrograde	-228 May 09 j 09:28	0°♊49'10		
desc. node	-228 May 09 j 14:24	0°♊49'04		
evening set	-228 May 12 j 16:30	0°♊25'24		
	-228 May 14 j 04:15	30°℞♉		
min. Earth dist.	-228 May 20 j 11:48	26°♉59'23	0.55489 AU	
inferior conj	-228 May 21 j 22:52	26°♉08'59	-3°15'49	
minimum elong	-228 May 21 j 15:40	26°♉19'21	3°13'53	
morning rise	-228 May 30 j 17:12	22°♉15'13		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-228 Jun 02 j 11:23	21°♉57'22		
morning max el	-228 Jun 13 j 12:15	27°♉04'41	20°44'01	
	-228 Jun 16 j 07:43	0°♊		
asc. node	-228 Jun 26 j 18:26	15°♊55'58		
morning set	-228 Jul 02 j 16:02	27°♊32'09		
	-228 Jul 03 j 20:45	0°♋		
superior conj	-228 Jul 10 j 05:14	13°♋08'27	1°42'42	
minimum elong	-228 Jul 10 j 03:41	13°♋00'29	1°42'37	
max. Earth dist.	-228 Jul 14 j 20:34	22°♋26'07	1.35896 AU	
evening rise	-228 Jul 18 j 23:23	0°♌18'36		
	-228 Jul 18 j 19:24	0°♌		
desc. node	-228 Aug 05 j 13:44	29°♌40'47		
	-228 Aug 05 j 18:56	0°♍		
evening max el	-228 Aug 23 j 15:08	22°♍22'52	26°18'18	
retrograde	-228 Sep 05 j 07:45	29°♍33'14		
evening set	-228 Sep 11 j 17:52	26°♍52'40		
min. Earth dist.	-228 Sep 15 j 21:22	22°♍28'48	0.66342 AU	
inferior conj	-228 Sep 17 j 09:12	20°♍38'38	-1°47'42	
minimum elong	-228 Sep 17 j 11:55	20°♍30'15	1°46'37	
asc. node	-228 Sep 22 j 17:38	15°♍09'30		
morning rise	-228 Sep 23 j 06:20	14°♍49'36		
direct	-228 Sep 26 j 08:04	13°♍55'50		
morning max el	-228 Oct 03 j 03:16	17°♍42'53	18°47'22	
	-228 Oct 12 j 10:05	0°♎		
morning set	-228 Oct 24 j 09:20	18°♎45'54		
	-228 Oct 31 j 11:57	0°♏		
desc. node	-228 Nov 01 j 13:04	1°♏38'56		
max. Earth dist.	-228 Nov 09 j 00:37	13°♏24'50	1.44974 AU	
superior conj	-228 Nov 09 j 14:51	14°♏20'49	-0°51'16	
minimum elong	-228 Nov 09 j 08:24	13°♏55'27	0°50'28	
	-228 Nov 19 j 12:22	0°♐		
evening rise	-228 Nov 25 j 06:06	9°♐11'07		
	-228 Dec 08 j 08:14	0°♑		
evening max el	-228 Dec 16 j 12:07	10°♑48'49	18°50'17	
asc. node	-228 Dec 19 j 16:55	13°♑29'16		
retrograde	-228 Dec 23 j 06:46	14°♑38'11		
evening set	-228 Dec 26 j 11:09	13°♑40'05		
inferior conj	-227 Jan 01 j 04:37	7°♑57'12	3°24'18	
minimum elong	-227 Jan 01 j 02:06	8°♑04'58	3°23'48	
min. Earth dist.	-227 Jan 02 j 21:21	5°♑52'00	0.65309 AU	
morning rise	-227 Jan 06 j 16:43	1°♑48'21		
	-227 Jan 09 j 06:18	30°℞♐		
direct	-227 Jan 13 j 07:59	28°♐56'42		
	-227 Jan 17 j 17:52	0°♑		
morning max el	-227 Jan 26 j 10:52	6°♑36'40	26°51'52	
desc. node	-227 Jan 28 j 12:15	8°♑45'46		
	-227 Feb 13 j 12:38	0°♒		
morning set	-227 Mar 03 j 06:35	0°♓26'12		
	-227 Mar 03 j 01:06	0°♓		
max. Earth dist.	-227 Mar 07 j 16:28	9°♓05'55	1.34377 AU	
superior conj	-227 Mar 11 j 17:24	17°♓22'23	-0°59'11	
minimum elong	-227 Mar 11 j 20:12	17°♓36'56	0°58'40	
asc. node	-227 Mar 17 j 16:14	29°♓52'49		
	-227 Mar 17 j 17:36	0°♈		
evening rise	-227 Mar 19 j 05:01	3°♈05'00		
	-227 Apr 03 j 13:19	0°♉		
evening max el	-227 Apr 08 j 00:13	5°♉02'06	21°20'11	
retrograde	-227 Apr 20 j 00:07	10°♉51'47		
evening set	-227 Apr 22 j 08:49	10°♉38'58		
desc. node	-227 Apr 26 j 11:25	9°♉22'07		
inferior conj	-227 May 01 j 17:50	6°♉38'48	-1°29'49	
minimum elong	-227 May 01 j 13:38	6°♉44'42	1°28'20	
min. Earth dist.	-227 May 02 j 00:41	6°♉29'10	0.54997 AU	
morning rise	-227 May 10 j 18:50	2°♉38'00		
direct	-227 May 13 j 21:52	2°♉16'45		
morning max el	-227 May 26 j 13:07	8°♉16'54	22°14'59	
	-227 Jun 10 j 20:14	0°♊		
asc. node	-227 Jun 13 j 15:29	5°♊23'28		
morning set	-227 Jun 17 j 01:58	12°♊23'40		
superior conj	-227 Jun 24 j 07:25	27°♊41'23	1°31'53	
minimum elong	-227 Jun 24 j 05:05	27°♊29'08	1°31'39	
	-227 Jun 25 j 09:48	0°♋		
max. Earth dist.	-227 Jun 27 j 12:58	4°♋25'28	1.34437 AU	
evening rise	-227 Jul 02 j 06:35	13°♋54'20		
	-227 Jul 11 j 01:20	0°♌		
desc. node	-227 Jul 23 j 10:45	19°♌23'19		
	-227 Jul 31 j 15:30	0°♍		
evening max el	-227 Aug 06 j 02:52	5°♍51'37	27°04'42	
retrograde	-227 Aug 19 j 09:19	13°♍10'38		
evening set	-227 Aug 26 j 07:03	10°♍24'34		
min. Earth dist.	-227 Aug 30 j 03:27	6°♍37'48	0.65206 AU	
inferior conj	-227 Sep 01 j 03:58	4°♍20'02	-2°42'20	
minimum elong	-227 Sep 01 j 07:57	4°♍08'42	2°40'58	
	-227 Sep 05 j 11:00	30°℞♌		
morning rise	-227 Sep 07 j 09:32	28°♌44'32		
asc. node	-227 Sep 09 j 14:41	28°♌04'42		
direct	-227 Sep 10 j 04:04	28°♌03'01		
	-227 Sep 14 j 22:34	0°♍		
morning max el	-227 Sep 16 j 17:04	1°♍35'22	18°12'36	
morning set	-227 Oct 05 j 06:00	29°♍25'11		
	-227 Oct 05 j 14:26	0°♎		
desc. node	-227 Oct 19 j 10:06	22°♎23'32		
superior conj	-227 Oct 19 j 17:36	22°♎53'18	-0°02'04	
minimum elong	-227 Oct 19 j 17:20	22°♎52'14	0°02'03	
behind sun begin	-227 Oct 19 j 06:26	22°♎08'58		
behind sun end	-227 Oct 20 j 04:13	23°♎35'28		
max. Earth dist.	-227 Oct 22 j 19:15	27°♎44'34	1.44880 AU	
	-227 Oct 24 j 05:40	0°♏		
evening rise	-227 Nov 05 j 05:22	18°♏43'23		
	-227 Nov 12 j 11:51	0°♐		
greatest brilliancy	-227 Nov 17 j 12:05	7°♐39'55	-0.7m	
evening max el	-227 Nov 29 j 19:29	24°♐16'11	19°37'12	
asc. node	-227 Dec 06 j 13:58	28°♐30'08		
retrograde	-227 Dec 07 j 03:39	28°♐31'58		
evening set	-227 Dec 10 j 15:13	27°♐20'59		
inferior conj	-227 Dec 16 j 03:52	21°♐23'35	2°52'18	
minimum elong	-227 Dec 16 j 01:03	21°♐32'50	2°51'31	
min. Earth dist.	-227 Dec 17 j 06:32	19°♐56'18	0.66434 AU	
morning rise	-227 Dec 21 j 10:39	15°♐11'18		
direct	-227 Dec 27 j 13:39	12°♐28'26		
morning max el	-226 Jan 08 j 20:07	19°♐45'18	25°43'39	
desc. node	-226 Jan 15 j 09:19	27°♐10'00		
	-226 Jan 17 j 14:57	0°♑		
	-226 Feb 06 j 15:10	0°♒		
morning set	-226 Feb 14 j 02:28	13°♒07'48		
max. Earth dist.	-226 Feb 17 j 22:15	20°♒16'53	1.35928 AU	
	-226 Feb 22 j 21:30	0°♓		
superior conj	-226 Feb 23 j 11:12	1°♓08'38	-1°23'54	
minimum elong	-226 Feb 23 j 14:52	1°♓27'05	1°23'22	
evening rise	-226 Mar 03 j 10:59	17°♓27'01		
asc. node	-226 Mar 04 j 13:16	19°♓40'16		
	-226 Mar 09 j 21:17	0°♈		
evening max el	-226 Mar 21 j 08:18	16°♈23'32	20°03'33	
retrograde	-226 Mar 31 j 15:24	21°♈19'47		
evening set	-226 Apr 02 j 18:03	21°♈08'15		
inferior conj	-226 Apr 11 j 15:36	17°♈08'48	0°29'02	
minimum elong	-226 Apr 11 j 16:53	17°♈06'51	0°28'34	
desc. node	-226 Apr 13 j 08:28	16°♈07'12		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-226 Apr 13 j 14:49	15°♈57'46	0.55463 AU
morning rise	-226 Apr 20 j 13:41	12°♈42'35	
direct	-226 Apr 24 j 12:09	12°♈08'33	
morning max el	-226 May 08 j 06:09	18°♈56'48	23°55'21
	-226 May 17 j 10:28	0°♉	
asc. node	-226 May 31 j 12:33	25°♉10'16	
morning set	-226 Jun 01 j 13:41	27°♉21'31	
	-226 Jun 02 j 19:38	0°♊	
superior conj	-226 Jun 08 j 14:51	12°♊30'26	1°16'10
minimum elong	-226 Jun 08 j 12:21	12°♊16'58	1°15'48
max. Earth dist.	-226 Jun 10 j 14:42	16°♊47'09	1.33369 AU
evening rise	-226 Jun 16 j 01:10	28°♊04'44	
	-226 Jun 17 j 00:13	0°♋	
	-226 Jul 04 j 06:10	0°♌	
desc. node	-226 Jul 10 j 07:46	8°♌29'39	
evening max el	-226 Jul 19 j 13:45	19°♌02'26	27°25'08
retrograde	-226 Aug 02 j 05:09	26°♌22'36	
evening set	-226 Aug 09 j 09:25	23°♌42'10	
min. Earth dist.	-226 Aug 13 j 00:34	20°♌29'09	0.63709 AU
inferior conj	-226 Aug 15 j 14:13	17°♌50'41	-3°32'43
minimum elong	-226 Aug 15 j 18:55	17°♌38'34	3°31'26
morning rise	-226 Aug 22 j 05:28	12°♌31'48	
direct	-226 Aug 24 j 19:20	11°♌59'06	
asc. node	-226 Aug 27 j 11:45	12°♌35'01	
morning max el	-226 Aug 31 j 08:46	15°♌25'00	17°55'12
	-226 Sep 10 j 14:29	0°♍	
morning set	-226 Sep 17 j 04:54	11°♍20'23	
	-226 Sep 28 j 04:23	0°♎	
superior conj	-226 Sep 29 j 15:29	2°♎24'49	0°43'09
minimum elong	-226 Sep 29 j 19:47	2°♎42'28	0°42'36
max. Earth dist.	-226 Oct 05 j 12:09	11°♎54'53	1.44078 AU
desc. node	-226 Oct 06 j 07:08	13°♎10'37	
evening rise	-226 Oct 15 j 13:40	27°♎41'42	
	-226 Oct 17 j 01:37	0°♏	
	-226 Nov 06 j 11:25	0°♐	
evening max el	-226 Nov 12 j 21:44	7°♐44'56	20°38'32
retrograde	-226 Nov 21 j 01:17	12°♐33'48	
asc. node	-226 Nov 23 j 11:00	12°♐00'54	
evening set	-226 Nov 24 j 22:03	11°♐07'55	
inferior conj	-226 Nov 30 j 07:47	4°♐59'13	2°12'04
minimum elong	-226 Nov 30 j 05:14	5°♐07'55	2°11'10
min. Earth dist.	-226 Nov 30 j 21:55	4°♐11'07	0.67185 AU
	-226 Dec 04 j 06:07	30°℞♏	
morning rise	-226 Dec 05 j 12:12	28°♏45'37	
direct	-226 Dec 11 j 00:34	26°♏20'07	
	-226 Dec 18 j 22:26	0°♐	
morning max el	-226 Dec 22 j 04:26	2°♐59'37	24°20'35
desc. node	-225 Jan 02 j 06:23	16°♐20'18	
	-225 Jan 11 j 19:31	0°♑	
morning set	-225 Jan 27 j 01:51	24°♑44'37	
	-225 Jan 30 j 01:15	0°♒	
max. Earth dist.	-225 Jan 30 j 18:55	1°♒19'25	1.37866 AU
superior conj	-225 Feb 06 j 17:45	14°♒17'20	-1°44'38
minimum elong	-225 Feb 06 j 21:27	14°♒35'10	1°44'17
	-225 Feb 14 j 17:38	0°♓	
evening rise	-225 Feb 15 j 10:45	1°♓24'46	
asc. node	-225 Feb 19 j 10:19	9°♓09'52	
evening max el	-225 Mar 04 j 03:26	28°♓23'21	19°05'32
	-225 Mar 06 j 00:21	0°♈	
retrograde	-225 Mar 12 j 19:36	2°♈33'52	
evening set	-225 Mar 15 j 01:35	2°♈18'14	
	-225 Mar 20 j 07:14	30°℞♓	
inferior conj	-225 Mar 23 j 04:44	28°♓05'29	2°08'25
minimum elong	-225 Mar 23 j 09:00	27°♓58'08	2°07'10
min. Earth dist.	-225 Mar 26 j 06:21	25°♓59'19	0.56784 AU
desc. node	-225 Mar 31 j 05:32	23°♓14'35	
morning rise	-225 Mar 31 j 13:26	23°♓06'42	
direct	-225 Apr 05 j 14:56	22°♓06'31	
morning max el	-225 Apr 19 j 20:47	29°♓27'08	25°32'05
	-225 Apr 20 j 10:14	0°♈	
	-225 May 10 j 22:09	0°♉	
morning set	-225 May 17 j 01:30	12°♉19'55	
asc. node	-225 May 18 j 09:36	15°♉10'12	
superior conj	-225 May 24 j 01:20	27°♉27'53	0°56'35
minimum elong	-225 May 23 j 23:10	27°♉16'00	0°56'11
max. Earth dist.	-225 May 24 j 23:40	29°♉29'47	1.32688 AU
	-225 May 25 j 05:13	0°♊	
evening rise	-225 May 31 j 03:41	12°♊38'42	
	-225 Jun 09 j 03:46	0°♋	
desc. node	-225 Jun 27 j 04:48	26°♋44'10	
	-225 Jun 30 j 04:17	0°♌	
evening max el	-225 Jul 01 j 21:23	1°♌41'52	27°14'13
retrograde	-225 Jul 15 j 18:10	8°♌59'17	
evening set	-225 Jul 22 j 21:00	6°♌37'54	
min. Earth dist.	-225 Jul 26 j 11:26	3°♌49'55	0.61893 AU
inferior conj	-225 Jul 29 j 12:52	1°♌02'36	-4°14'23
minimum elong	-225 Jul 29 j 17:09	0°♌52'48	4°13'36
	-225 Jul 30 j 16:34	30°℞♋	
morning rise	-225 Aug 05 j 14:44	26°♋03'29	
direct	-225 Aug 08 j 02:27	25°♋36'49	
asc. node	-225 Aug 14 j 08:49	28°♋30'04	
morning max el	-225 Aug 14 j 23:26	29°♋04'24	17°56'06
	-225 Aug 15 j 20:59	0°♌	
morning set	-225 Aug 30 j 23:56	24°♌13'14	
	-225 Sep 03 j 04:29	0°♍	
superior conj	-225 Sep 10 j 16:36	13°♍16'32	1°16'46
minimum elong	-225 Sep 10 j 21:29	13°♍37'34	1°16'14
max. Earth dist.	-225 Sep 18 j 01:03	25°♍39'19	1.42671 AU
	-225 Sep 20 j 17:07	0°♎	
desc. node	-225 Sep 23 j 04:09	3°♎56'20	
evening rise	-225 Sep 24 j 23:46	6°♎48'40	
	-225 Oct 10 j 08:43	0°♏	
evening max el	-225 Oct 26 j 18:11	21°♏13'55	21°51'05
retrograde	-225 Nov 04 j 21:46	26°♏40'17	
evening set	-225 Nov 09 j 05:49	24°♏57'32	
asc. node	-225 Nov 10 j 08:03	23°♏58'44	
inferior conj	-225 Nov 14 j 14:12	18°♏40'50	1°25'35
minimum elong	-225 Nov 14 j 12:21	18°♏47'13	1°24'51
min. Earth dist.	-225 Nov 14 j 17:04	18°♏30'55	0.67582 AU
morning rise	-225 Nov 19 j 18:43	12°♏28'08	
direct	-225 Nov 24 j 15:52	10°♏24'25	
morning max el	-225 Dec 04 j 14:12	16°♏18'09	22°52'50
	-225 Dec 15 j 19:32	0°♐	
desc. node	-225 Dec 20 j 03:26	6°♐03'09	
	-224 Jan 04 j 20:51	0°♑	
morning set	-224 Jan 07 j 22:33	5°♑01'03	
max. Earth dist.	-224 Jan 12 j 14:30	12°♑52'26	1.39986 AU
superior conj	-224 Jan 20 j 08:39	26°♑37'05	-1°58'20
minimum elong	-224 Jan 20 j 10:53	26°♑47'16	1°58'16
	-224 Jan 22 j 04:46	0°♒	
evening rise	-224 Jan 30 j 01:28	14°♒51'13	
asc. node	-224 Feb 06 j 07:22	28°♒15'24	
	-224 Feb 07 j 07:47	0°♓	
evening max el	-224 Feb 15 j 07:16	10°♓56'00	18°27'28
retrograde	-224 Feb 22 j 18:51	14°♓36'46	
evening set	-224 Feb 25 j 05:57	14°♓14'05	
inferior conj	-224 Mar 03 j 14:44	9°♓41'19	3°13'07
minimum elong	-224 Mar 03 j 18:27	9°♓33'47	3°12'25

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-224 Mar 07 j 01:03	6°♓56'35	0.58666 AU
morning rise	-224 Mar 11 j 04:25	4°♓14'13	
direct	-224 Mar 17 j 06:50	2°♓37'51	
desc. node	-224 Mar 17 j 02:35	2°♓37'56	
morning max el	-224 Mar 31 j 14:51	10°♓16'30	26°49'55
	-224 Apr 15 j 18:50	0°♈	
morning set	-224 Apr 30 j 11:49	27°♈13'18	
	-224 May 01 j 19:26	0°♉	
asc. node	-224 May 04 j 06:39	5°♉18'23	
superior conj	-224 May 07 j 13:05	12°♉27'33	0°33'59
minimum elong	-224 May 07 j 11:39	12°♉19'36	0°33'41
max. Earth dist.	-224 May 07 j 12:18	12°♉23'12	1.32371 AU
evening rise	-224 May 14 j 11:26	27°♉27'14	
	-224 May 15 j 16:48	0°♊	
	-224 Jun 01 j 16:43	0°♋	
evening max el	-224 Jun 12 j 23:05	13°♋38'44	26°30'11
desc. node	-224 Jun 13 j 01:49	13°♋45'12	
retrograde	-224 Jun 26 j 23:05	20°♋53'02	
evening set	-224 Jul 03 j 13:16	19°♋03'27	
min. Earth dist.	-224 Jul 07 j 12:16	16°♋25'51	0.59870 AU
inferior conj	-224 Jul 10 j 20:20	13°♋46'51	-4°40'09
minimum elong	-224 Jul 10 j 22:22	13°♋42'48	4°40'00
morning rise	-224 Jul 18 j 09:28	9°♋10'04	
direct	-224 Jul 20 j 21:15	8°♋47'29	
morning max el	-224 Jul 28 j 10:08	12°♋26'15	18°16'26
asc. node	-224 Jul 31 j 05:53	15°♋35'02	
	-224 Aug 09 j 05:30	0°♌	
morning set	-224 Aug 13 j 09:37	7°♌48'44	
superior conj	-224 Aug 22 j 18:52	25°♌23'05	1°37'17
minimum elong	-224 Aug 22 j 22:02	25°♌37'27	1°37'04
	-224 Aug 25 j 08:21	0°♍	
max. Earth dist.	-224 Aug 30 j 08:30	8°♍44'00	1.40840 AU
evening rise	-224 Sep 04 j 03:54	16°♍46'25	
desc. node	-224 Sep 09 j 01:09	24°♍37'21	
	-224 Sep 12 j 12:11	0°♎	
	-224 Oct 04 j 02:17	0°♏	
evening max el	-224 Oct 08 j 09:30	4°♏43'55	23°10'12
retrograde	-224 Oct 18 j 15:38	10°♏48'31	
evening set	-224 Oct 23 j 12:49	8°♏47'41	
asc. node	-224 Oct 27 j 05:06	4°♏42'53	
inferior conj	-224 Oct 28 j 21:17	2°♏26'33	0°34'30
minimum elong	-224 Oct 28 j 20:29	2°♏29'20	0°34'10
min. Earth dist.	-224 Oct 28 j 13:37	2°♏52'55	0.67647 AU
	-224 Oct 30 j 16:50	30°℞♎	
morning rise	-224 Nov 03 j 04:04	26°♎16'59	
direct	-224 Nov 07 j 10:39	24°♎35'59	
morning max el	-224 Nov 16 j 04:54	29°♎44'13	21°28'53
	-224 Nov 16 j 11:06	0°♏	
desc. node	-224 Dec 06 j 00:27	26°♏09'02	
	-224 Dec 08 j 14:04	0°♐	
morning set	-224 Dec 17 j 14:19	13°♐55'18	
max. Earth dist.	-224 Dec 24 j 15:39	25°♐18'37	1.42002 AU
	-224 Dec 27 j 11:18	0°♑	
superior conj	-223 Jan 01 j 02:28	7°♑53'51	-2°00'57
minimum elong	-223 Jan 01 j 01:07	7°♑48'02	2°00'56
evening rise	-223 Jan 12 j 03:30	27°♑37'38	
	-223 Jan 13 j 10:44	0°♒	
asc. node	-223 Jan 23 j 04:25	16°♒48'30	
evening max el	-223 Jan 28 j 16:44	23°♒52'12	18°09'22
retrograde	-223 Feb 04 j 11:27	27°♒19'11	
evening set	-223 Feb 07 j 03:06	26°♒48'00	
inferior conj	-223 Feb 13 j 20:38	21°♒54'00	3°44'42
minimum elong	-223 Feb 13 j 22:11	21°♒50'22	3°44'35
min. Earth dist.	-223 Feb 17 j 02:00	18°♒54'18	0.60758 AU
morning rise	-223 Feb 20 j 15:34	16°♒07'19	
direct	-223 Feb 27 j 10:03	13°♒54'21	
desc. node	-223 Mar 03 j 23:38	14°♒49'59	
morning max el	-223 Mar 13 j 15:13	21°♒43'04	27°36'28
	-223 Mar 20 j 21:29	0°♓	
	-223 Apr 08 j 18:12	0°♈	
morning set	-223 Apr 14 j 18:44	11°♈54'01	
max. Earth dist.	-223 Apr 21 j 00:36	25°♈12'37	1.32413 AU
asc. node	-223 Apr 21 j 03:41	25°♈29'29	
superior conj	-223 Apr 22 j 00:21	27°♈22'24	0°09'07
minimum elong	-223 Apr 21 j 23:56	27°♈20'07	0°09'01
behind sun begin	-223 Apr 21 j 19:45	26°♈57'16	
behind sun end	-223 Apr 22 j 04:07	27°♈43'00	
	-223 Apr 23 j 05:08	0°♉	
evening rise	-223 Apr 28 j 22:09	12°♉21'29	
	-223 May 07 j 21:35	0°♊	
evening max el	-223 May 25 j 17:46	24°♊50'00	25°17'11
desc. node	-223 May 30 j 22:50	29°♊02'16	
	-223 Jun 01 j 13:44	0°♋	
retrograde	-223 Jun 08 j 18:27	1°♋59'18	
evening set	-223 Jun 14 j 06:44	0°♋48'36	
	-223 Jun 15 j 23:56	30°℞♊	
min. Earth dist.	-223 Jun 19 j 05:33	28°♊03'14	0.57850 AU
inferior conj	-223 Jun 22 j 09:09	25°♊53'10	-4°39'25
minimum elong	-223 Jun 22 j 06:57	25°♊57'00	4°39'16
morning rise	-223 Jun 30 j 09:53	21°♊38'39	
direct	-223 Jul 02 j 23:04	21°♊19'01	
morning max el	-223 Jul 11 j 13:51	25°♊21'22	18°57'22
	-223 Jul 15 j 15:25	0°♋	
asc. node	-223 Jul 18 j 02:55	3°♋34'43	
morning set	-223 Jul 28 j 05:43	21°♋55'32	
	-223 Aug 01 j 07:59	0°♌	
superior conj	-223 Aug 05 j 16:41	8°♌28'47	1°46'20
minimum elong	-223 Aug 05 j 17:40	8°♌33'26	1°46'19
max. Earth dist.	-223 Aug 12 j 11:42	21°♌05'01	1.38826 AU
evening rise	-223 Aug 16 j 08:50	27°♌54'34	
	-223 Aug 17 j 14:08	0°♍	
desc. node	-223 Aug 26 j 22:09	15°♍09'54	
	-223 Sep 05 j 23:53	0°♎	
evening max el	-223 Sep 20 j 21:39	18°♎17'11	24°29'49
retrograde	-223 Oct 02 j 05:56	24°♎55'24	
evening set	-223 Oct 07 j 17:23	22°♎36'50	
min. Earth dist.	-223 Oct 12 j 09:15	17°♎15'41	0.67394 AU
inferior conj	-223 Oct 13 j 03:21	16°♎15'08	-0°19'42
minimum elong	-223 Oct 13 j 03:50	16°♎13'32	0°19'29
asc. node	-223 Oct 14 j 02:09	14°♎59'26	
morning rise	-223 Oct 18 j 14:20	10°♎11'11	
direct	-223 Oct 22 j 07:59	8°♎51'05	
morning max el	-223 Oct 30 j 02:56	13°♎20'41	20°14'58
	-223 Nov 11 j 21:31	0°♏	
desc. node	-223 Nov 22 j 21:28	16°♏31'36	
morning set	-223 Nov 26 j 11:48	22°♏04'01	
	-223 Dec 01 j 13:55	0°♐	
max. Earth dist.	-223 Dec 07 j 00:06	8°♐36'26	1.43635 AU
superior conj	-223 Dec 12 j 18:20	17°♐57'35	-1°47'55
minimum elong	-223 Dec 12 j 12:11	17°♐32'19	1°47'29
	-223 Dec 19 j 22:53	0°♑	
evening rise	-223 Dec 25 j 12:40	9°♑35'53	
	-222 Jan 06 j 16:27	0°♒	
asc. node	-222 Jan 10 j 01:27	4°♒39'33	
evening max el	-222 Jan 12 j 04:58	7°♒04'39	18°10'46
retrograde	-222 Jan 18 j 17:02	10°♒31'24	
evening set	-222 Jan 21 j 13:01	9°♒50'43	
inferior conj	-222 Jan 27 j 18:53	4°♒36'26	3°50'35

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-222 Jan 27 j 18:18	4°♒37'59	3°50'33	
min. Earth dist.	-222 Jan 30 j 11:42	1°♒45'17	0.62764 AU	
	-222 Feb 01 j 07:13	30°♑℞		
morning rise	-222 Feb 02 j 22:36	28°♑37'50		
direct	-222 Feb 09 j 22:40	25°♑57'57		
desc. node	-222 Feb 18 j 20:40	29°♑29'21		
	-222 Feb 19 j 13:04	0°♒		
morning max el	-222 Feb 23 j 21:10	3°♒50'21	27°46'09	
	-222 Mar 15 j 10:22	0°♓		
morning set	-222 Mar 29 j 20:05	26°♓14'53		
	-222 Mar 31 j 16:13	0°♈		
max. Earth dist.	-222 Apr 04 j 08:34	7°♈44'10	1.32839 AU	
superior conj	-222 Apr 06 j 09:28	12°♈06'55	-0°17'14	
minimum elong	-222 Apr 06 j 10:17	12°♈11'20	0°17'03	
asc. node	-222 Apr 08 j 00:44	15°♈39'35		
evening rise	-222 Apr 13 j 09:56	27°♈15'03		
	-222 Apr 14 j 17:24	0°♉		
	-222 May 02 j 09:16	0°♊		
evening max el	-222 May 07 j 08:25	5°♊30'15	23°46'01	
desc. node	-222 May 17 j 19:52	11°♊59'04		
retrograde	-222 May 21 j 02:02	12°♊23'15		
evening set	-222 May 25 j 03:36	11°♊46'43		
min. Earth dist.	-222 May 31 j 19:17	8°♊38'35	0.56165 AU	
inferior conj	-222 Jun 03 j 01:48	7°♊15'53	-3°59'35	
minimum elong	-222 Jun 02 j 19:23	7°♊25'39	3°58'19	
morning rise	-222 Jun 11 j 14:03	3°♊17'40		
direct	-222 Jun 14 j 05:31	2°♊59'54		
morning max el	-222 Jun 24 j 07:54	7°♊40'16	19°59'16	
asc. node	-222 Jul 04 j 23:57	22°♊16'23		
	-222 Jul 09 j 03:41	0°♋		
morning set	-222 Jul 12 j 09:03	6°♋25'00		
superior conj	-222 Jul 20 j 04:41	22°♋17'51	1°46'10	
minimum elong	-222 Jul 20 j 03:52	22°♋13'45	1°46'09	
	-222 Jul 24 j 02:41	0°♌		
max. Earth dist.	-222 Jul 25 j 15:47	2°♌57'26	1.36893 AU	
evening rise	-222 Jul 29 j 13:04	10°♌10'20		
	-222 Aug 10 j 06:02	0°♍		
desc. node	-222 Aug 13 j 19:10	5°♍28'41		
	-222 Sep 01 j 12:20	0°♎		
evening max el	-222 Sep 03 j 09:03	1°♎53'32	25°42'39	
retrograde	-222 Sep 15 j 15:41	8°♎55'39		
evening set	-222 Sep 21 j 17:42	6°♎21'55		
min. Earth dist.	-222 Sep 26 j 01:35	1°♎36'25	0.66820 AU	
inferior conj	-222 Sep 27 j 06:37	0°♎03'46	-1°15'31	
minimum elong	-222 Sep 27 j 08:31	29°♍57'41	1°14'43	
	-222 Sep 27 j 07:47	30°℞♍		
asc. node	-222 Sep 30 j 23:11	25°♍45'46		
morning rise	-222 Oct 02 j 23:33	24°♍08'11		
direct	-222 Oct 06 j 06:24	23°♍05'52		
morning max el	-222 Oct 13 j 08:22	27°♍05'56	19°14'46	
	-222 Oct 15 j 22:34	0°♎		
	-222 Nov 05 j 05:26	0°♏		
morning set	-222 Nov 05 j 14:55	0°♏36'59		
desc. node	-222 Nov 09 j 18:28	7°♏05'28		
max. Earth dist.	-222 Nov 19 j 14:37	22°♏31'45	1.44687 AU	
superior conj	-222 Nov 22 j 08:25	26°♏52'08	-1°16'31	
minimum elong	-222 Nov 22 j 00:15	26°♏19'43	1°15'38	
	-222 Nov 24 j 07:39	0°♐		
evening rise	-222 Dec 07 j 00:34	20°♐37'22		
	-222 Dec 12 j 16:45	0°♑		
evening max el	-222 Dec 26 j 17:09	20°♑26'06	18°30'52	
asc. node	-222 Dec 27 j 22:30	21°♑35'37		
retrograde	-221 Jan 02 j 07:10	24°♑04'06		
evening set	-221 Jan 05 j 08:11	23°♑12'45		
inferior conj	-221 Jan 11 j 05:26	17°♑39'52	3°37'52	
minimum elong	-221 Jan 11 j 03:24	17°♑45'50	3°37'35	
min. Earth dist.	-221 Jan 13 j 07:01	15°♑14'44	0.64489 AU	
morning rise	-221 Jan 16 j 22:07	11°♑34'05		
direct	-221 Jan 23 j 18:42	8°♑42'16		
desc. node	-221 Feb 05 j 17:42	15°♑59'07		
morning max el	-221 Feb 06 j 06:06	16°♑29'44	27°20'25	
	-221 Feb 17 j 11:22	0°♒		
	-221 Mar 08 j 04:48	0°♓		
morning set	-221 Mar 13 j 13:06	10°♓06'31		
max. Earth dist.	-221 Mar 18 j 08:19	19°♓45'55	1.33681 AU	
superior conj	-221 Mar 21 j 14:31	26°♓34'44	-0°44'02	
minimum elong	-221 Mar 21 j 16:38	26°♓45'53	0°43'36	
	-221 Mar 23 j 05:12	0°♈		
asc. node	-221 Mar 25 j 21:47	5°♈44'36		
evening rise	-221 Mar 28 j 21:00	12°♈01'36		
	-221 Apr 07 j 03:53	0°♉		
evening max el	-221 Apr 19 j 01:35	16°♉07'49	22°11'17	
retrograde	-221 May 01 j 21:02	22°♉24'56		
evening set	-221 May 04 j 16:24	22°♉07'32		
desc. node	-221 May 04 j 16:54	22°♉07'17		
min. Earth dist.	-221 May 13 j 08:10	18°♉25'04	0.55165 AU	
inferior conj	-221 May 14 j 01:54	18°♉00'04	-2°34'40	
minimum elong	-221 May 13 j 19:20	18°♉09'20	2°32'37	
morning rise	-221 May 22 j 23:50	14°♉05'18		
direct	-221 May 25 j 20:48	13°♉46'41		
morning max el	-221 Jun 06 j 14:48	19°♉16'42	21°20'49	
	-221 Jun 15 j 06:07	0°♊		
asc. node	-221 Jun 21 j 21:01	11°♊29'57		
morning set	-221 Jun 26 j 17:14	21°♊10'48		
	-221 Jun 30 j 22:29	0°♋		
superior conj	-221 Jul 04 j 02:41	6°♋38'07	1°38'47	
minimum elong	-221 Jul 04 j 00:43	6°♋27'57	1°38'39	
max. Earth dist.	-221 Jul 08 j 03:02	14°♋49'36	1.35234 AU	
evening rise	-221 Jul 12 j 11:56	23°♋21'37		
	-221 Jul 16 j 01:43	0°♌		
desc. node	-221 Jul 31 j 16:13	25°♌27'20		
	-221 Aug 03 j 21:16	0°♍		
evening max el	-221 Aug 16 j 21:03	15°♍29'05	26°40'49	
retrograde	-221 Aug 29 j 20:20	22°♍43'51		
evening set	-221 Sep 05 j 11:41	20°♍00'12		
min. Earth dist.	-221 Sep 09 j 12:10	15°♍51'56	0.65905 AU	
inferior conj	-221 Sep 11 j 05:10	13°♍49'43	-2°11'10	
minimum elong	-221 Sep 11 j 08:28	13°♍39'53	2°09'56	
morning rise	-221 Sep 17 j 05:42	8°♍05'43		
asc. node	-221 Sep 17 j 20:13	7°♍47'57		
direct	-221 Sep 20 j 04:06	7°♍17'30		
morning max el	-221 Sep 26 j 19:47	10°♍57'19	18°30'24	
	-221 Oct 10 j 06:55	0°♎		
morning set	-221 Oct 16 j 19:02	10°♎27'41		
desc. node	-221 Oct 27 j 15:31	27°♎47'15		
	-221 Oct 29 j 01:07	0°♏		
superior conj	-221 Nov 01 j 09:01	5°♏14'51	-0°30'40	
minimum elong	-221 Nov 01 j 04:59	4°♏58'59	0°30'08	
max. Earth dist.	-221 Nov 02 j 09:04	6°♏49'24	1.45032 AU	
	-221 Nov 17 j 02:31	0°♐		
evening rise	-221 Nov 17 j 12:44	0°♐40'24		
greatest brilliancy	-221 Nov 26 j 22:27	15°♐30'56	-0.8m	
	-221 Dec 06 j 19:30	0°♑		
evening max el	-221 Dec 10 j 02:57	3°♑52'23	19°08'24	
asc. node	-221 Dec 14 j 19:32	7°♑22'46		
retrograde	-221 Dec 17 j 02:23	7°♑51'33		
evening set	-221 Dec 20 j 09:42	6°♑48'05		
inferior conj	-221 Dec 26 j 00:53	0°♑58'50	3°11'50	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-221 Dec 25 j 22:09	1°♑07'28	3°11'13
	-221 Dec 26 j 19:24	30°℞♐	
min. Earth dist.	-221 Dec 27 j 11:27	29°♐09'26	0.65841 AU
morning rise	-221 Dec 31 j 10:21	24°♐48'31	
direct	-220 Jan 06 j 20:57	21°♐59'15	
morning max el	-220 Jan 19 j 15:37	29°♐30'24	26°25'17
	-220 Jan 20 j 03:17	0°♑	
desc. node	-220 Jan 23 j 14:44	3°♑48'17	
	-220 Feb 11 j 08:25	0°♒	
morning set	-220 Feb 24 j 18:02	23°♒17'15	
	-220 Feb 28 j 06:00	0°♓	
max. Earth dist.	-220 Feb 28 j 20:59	1°♓13'29	1.34980 AU
superior conj	-220 Mar 04 j 13:15	10°♓38'26	-1°10'00
minimum elong	-220 Mar 04 j 16:29	10°♓55'01	1°09'27
asc. node	-220 Mar 11 j 18:51	25°♓39'49	
evening rise	-220 Mar 12 j 05:27	26°♓34'30	
	-220 Mar 13 j 21:38	0°♈	
evening max el	-220 Mar 31 j 03:17	27°♈08'25	20°45'35
	-220 Apr 03 j 15:20	0°♉	
retrograde	-220 Apr 11 j 09:58	2°♉34'57	
evening set	-220 Apr 13 j 14:40	2°♉23'24	
	-220 Apr 20 j 00:22	30°℞♈	
desc. node	-220 Apr 20 j 13:57	29°♈41'52	
inferior conj	-220 Apr 22 j 20:13	28°♈25'46	-0°38'53
minimum elong	-220 Apr 22 j 18:22	28°♈28'24	0°38'14
min. Earth dist.	-220 Apr 23 j 21:16	27°♈49'57	0.55079 AU
morning rise	-220 May 01 j 21:23	24°♈16'22	
direct	-220 May 05 j 07:40	23°♈50'59	
	-220 May 18 j 06:17	0°♉	
morning max el	-220 May 18 j 11:38	0°♉12'27	22°57'09
	-220 Jun 07 j 04:53	0°♊	
asc. node	-220 Jun 07 j 18:05	1°♊06'32	
morning set	-220 Jun 10 j 04:10	6°♊05'57	
superior conj	-220 Jun 17 j 07:24	21°♊18'48	1°25'46
minimum elong	-220 Jun 17 j 04:56	21°♊05'40	1°25'27
max. Earth dist.	-220 Jun 19 j 23:55	26°♊59'38	1.33942 AU
	-220 Jun 21 j 10:39	0°♋	
evening rise	-220 Jun 25 j 00:29	7°♋13'39	
	-220 Jul 07 j 15:03	0°♌	
desc. node	-220 Jul 17 j 13:16	14°♌56'03	
evening max el	-220 Jul 29 j 08:51	28°♌52'19	27°16'51
	-220 Jul 30 j 14:01	0°♍	
retrograde	-220 Aug 11 j 19:16	6°♍11'28	
evening set	-220 Aug 18 j 20:40	3°♍26'27	
min. Earth dist.	-220 Aug 22 j 14:37	29°♌54'41	0.64623 AU
	-220 Aug 22 j 12:37	30°℞♌	
inferior conj	-220 Aug 24 j 20:40	27°♌27'20	-3°04'25
minimum elong	-220 Aug 25 j 01:03	27°♌15'21	3°03'01
morning rise	-220 Aug 31 j 06:12	21°♌58'23	
direct	-220 Sep 02 j 22:34	21°♌20'51	
asc. node	-220 Sep 03 j 17:16	21°♌24'02	
morning max el	-220 Sep 09 j 10:43	24°♌49'06	18°02'59
	-220 Sep 13 j 16:55	0°♍	
morning set	-220 Sep 27 j 03:34	21°♍41'38	
	-220 Oct 02 j 02:39	0°♎	
superior conj	-220 Oct 10 j 17:58	14°♎06'54	0°18'15
minimum elong	-220 Oct 10 j 20:07	14°♎15'32	0°17'57
desc. node	-220 Oct 13 j 12:34	18°♎33'14	
max. Earth dist.	-220 Oct 15 j 03:56	21°♎09'29	1.44630 AU
	-220 Oct 20 j 18:55	0°♏	
evening rise	-220 Oct 27 j 04:08	9°♏54'38	
	-220 Nov 09 j 08:33	0°♐	
greatest brilliancy	-220 Nov 10 j 00:17	0°♐58'24	-0.6m
evening max el	-220 Nov 22 j 08:18	17°♐20'31	20°01'40
retrograde	-220 Nov 29 j 23:52	21°♐49'24	
asc. node	-220 Nov 30 j 16:33	21°♐46'39	
evening set	-220 Dec 03 j 15:12	20°♐32'06	
inferior conj	-220 Dec 09 j 02:23	14°♐29'21	2°36'04
minimum elong	-220 Dec 08 j 23:37	14°♐38'35	2°35'13
min. Earth dist.	-220 Dec 09 j 23:25	13°♐19'05	0.66800 AU
morning rise	-220 Dec 14 j 07:51	8°♐16'26	
direct	-220 Dec 20 j 04:45	5°♐40'28	
morning max el	-219 Jan 01 j 00:28	12°♐42'22	25°09'36
desc. node	-219 Jan 09 j 11:48	22°♐33'53	
	-219 Jan 14 j 23:58	0°♑	
	-219 Feb 03 j 02:27	0°♒	
morning set	-219 Feb 06 j 05:59	5°♒33'08	
max. Earth dist.	-219 Feb 09 j 22:38	12°♒18'30	1.36714 AU
superior conj	-219 Feb 16 j 02:44	24°♒09'51	-1°33'20
minimum elong	-219 Feb 16 j 06:34	24°♒28'44	1°32'52
	-219 Feb 19 j 01:00	0°♓	
evening rise	-219 Feb 24 j 09:08	10°♓47'17	
asc. node	-219 Feb 26 j 15:55	15°♓20'27	
	-219 Mar 06 j 19:11	0°♈	
evening max el	-219 Mar 13 j 16:07	8°♈45'41	19°36'27
retrograde	-219 Mar 23 j 05:51	13°♈21'19	
evening set	-219 Mar 25 j 09:17	13°♈08'30	
inferior conj	-219 Apr 02 j 23:18	9°♈04'13	1°14'55
minimum elong	-219 Apr 03 j 02:20	8°♈59'24	1°13'55
min. Earth dist.	-219 Apr 05 j 11:38	7°♈28'44	0.55930 AU
desc. node	-219 Apr 07 j 10:58	6°♈18'50	
morning rise	-219 Apr 11 j 16:49	4°♈24'29	
direct	-219 Apr 16 j 02:10	3°♈41'16	
morning max el	-219 Apr 30 j 02:57	10°♈44'47	24°37'56
	-219 May 14 j 15:11	0°♉	
morning set	-219 May 25 j 16:09	21°♉04'48	
asc. node	-219 May 25 j 15:10	20°♉59'37	
	-219 May 29 j 19:57	0°♊	
superior conj	-219 Jun 01 j 16:23	6°♊12'02	1°08'18
minimum elong	-219 Jun 01 j 13:58	5°♊58'56	1°07'54
max. Earth dist.	-219 Jun 03 j 05:12	9°♊31'18	1.33034 AU
evening rise	-219 Jun 08 j 22:48	21°♊34'49	
	-219 Jun 13 j 05:01	0°♋	
	-219 Jul 01 j 13:50	0°♌	
desc. node	-219 Jul 04 j 10:17	3°♌42'19	
evening max el	-219 Jul 11 j 18:29	11°♌50'27	27°24'21
retrograde	-219 Jul 25 j 12:12	19°♌09'36	
evening set	-219 Aug 01 j 17:15	16°♌35'13	
min. Earth dist.	-219 Aug 05 j 07:13	13°♌34'37	0.62980 AU
inferior conj	-219 Aug 08 j 02:21	10°♌50'27	-3°51'48
minimum elong	-219 Aug 08 j 07:04	10°♌38'54	3°50'40
morning rise	-219 Aug 14 j 22:04	5°♌39'54	
direct	-219 Aug 17 j 10:47	5°♌10'02	
asc. node	-219 Aug 21 j 14:20	6°♌31'45	
morning max el	-219 Aug 24 j 02:23	8°♌35'13	17°53'16
	-219 Sep 07 j 04:42	0°♍	
morning set	-219 Sep 09 j 11:42	4°♍02'56	
superior conj	-219 Sep 21 j 03:13	24°♍11'55	0°59'03
minimum elong	-219 Sep 21 j 08:11	24°♍32'42	0°58'25
	-219 Sep 24 j 15:07	0°♎	
max. Earth dist.	-219 Sep 27 j 19:28	5°♎10'48	1.43544 AU
desc. node	-219 Sep 30 j 09:36	9°♎19'50	
evening rise	-219 Oct 06 j 10:49	18°♎50'07	
	-219 Oct 13 j 18:12	0°♏	
	-219 Nov 04 j 13:28	0°♐	
evening max el	-219 Nov 05 j 07:56	0°♐48'28	21°08'14
retrograde	-219 Nov 13 j 21:19	5°♐53'24	
evening set	-219 Nov 17 j 22:39	4°♐20'27	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-219 Nov 17 j 13:35	4°♐37'07	
	-219 Nov 21 j 22:28	30°℞♏	
inferior conj	-219 Nov 23 j 07:35	28°♏07'37	1°52'59
minimum elong	-219 Nov 23 j 05:17	28°♏15'32	1°52'08
min. Earth dist.	-219 Nov 23 j 16:43	27°♏36'11	0.67391 AU
morning rise	-219 Nov 28 j 11:45	21°♏54'02	
direct	-219 Dec 03 j 17:29	19°♏37'44	
morning max el	-219 Dec 14 j 09:11	25°♏58'46	23°43'18
	-219 Dec 18 j 01:35	0°♐	
desc. node	-219 Dec 27 j 08:50	11°♐59'00	
	-218 Jan 08 j 13:49	0°♑	
morning set	-218 Jan 18 j 18:40	16°♑37'04	
max. Earth dist.	-218 Jan 22 j 17:54	23°♑29'46	1.38758 AU
	-218 Jan 26 j 08:53	0°♒	
superior conj	-218 Jan 30 j 03:09	6°♒58'21	-1°51'32
minimum elong	-218 Jan 30 j 06:27	7°♒13'56	1°51'18
evening rise	-218 Feb 08 j 05:25	24°♒32'11	
	-218 Feb 11 j 01:14	0°♓	
asc. node	-218 Feb 13 j 12:57	4°♓40'16	
evening max el	-218 Feb 24 j 15:10	20°♓59'23	18°46'52
retrograde	-218 Mar 04 j 18:01	24°♓55'35	
evening set	-218 Mar 07 j 01:58	24°♓37'21	
inferior conj	-218 Mar 14 j 21:03	20°♓16'35	2°40'14
minimum elong	-218 Mar 15 j 01:25	20°♓08'30	2°39'10
min. Earth dist.	-218 Mar 18 j 04:26	17°♓51'10	0.57530 AU
morning rise	-218 Mar 22 j 21:53	15°♓04'17	
desc. node	-218 Mar 25 j 08:01	14°♓13'22	
direct	-218 Mar 28 j 10:31	13°♓49'32	
morning max el	-218 Apr 11 j 18:39	21°♓20'03	26°08'27
	-218 Apr 19 j 07:38	0°♈	
	-218 May 07 j 05:21	0°♉	
morning set	-218 May 10 j 03:32	6°♉01'18	
asc. node	-218 May 12 j 12:14	11°♉03'19	
superior conj	-218 May 17 j 03:36	21°♉10'46	0°47'20
minimum elong	-218 May 17 j 01:42	21°♉00'18	0°46'58
max. Earth dist.	-218 May 17 j 15:57	22°♉18'28	1.32499 AU
	-218 May 21 j 04:52	0°♊	
evening rise	-218 May 24 j 03:47	6°♊15'14	
	-218 Jun 05 j 18:52	0°♋	
desc. node	-218 Jun 21 j 07:17	21°♋28'36	
evening max el	-218 Jun 23 j 23:40	24°♋12'02	26°59'28
	-218 Jul 01 j 22:37	0°♌	
retrograde	-218 Jul 07 j 22:19	1°♌29'08	
	-218 Jul 13 j 16:30	30°℞♋	
evening set	-218 Jul 14 j 21:16	29°♋19'37	
min. Earth dist.	-218 Jul 18 j 13:40	26°♋38'17	0.61042 AU
inferior conj	-218 Jul 21 j 19:00	23°♋51'43	-4°27'49
minimum elong	-218 Jul 21 j 22:35	23°♋43'56	4°27'20
morning rise	-218 Jul 29 j 01:39	19°♋02'10	
direct	-218 Jul 31 j 13:01	18°♋37'35	
morning max el	-218 Aug 07 j 15:49	22°♋08'45	18°02'18
asc. node	-218 Aug 08 j 11:25	22°♋58'35	
	-218 Aug 13 j 18:00	0°♌	
morning set	-218 Aug 23 j 13:36	17°♌15'38	
	-218 Aug 30 j 12:06	0°♍	
superior conj	-218 Sep 02 j 15:43	5°♍37'45	1°26'59
minimum elong	-218 Sep 02 j 20:01	5°♍56'43	1°26'35
max. Earth dist.	-218 Sep 10 j 05:38	18°♍38'09	1.41927 AU
evening rise	-218 Sep 16 j 03:06	28°♍14'52	
desc. node	-218 Sep 17 j 06:36	0°♎04'13	
	-218 Sep 17 j 05:32	0°♎	
	-218 Oct 07 j 10:50	0°♏	
evening max el	-218 Oct 19 j 01:58	14°♏17'39	22°24'14
retrograde	-218 Oct 28 j 16:58	20°♏01'04	
evening set	-218 Nov 02 j 06:17	18°♏10'53	
asc. node	-218 Nov 04 j 10:37	16°♏00'09	
inferior conj	-218 Nov 07 j 14:31	11°♏51'41	1°04'25
minimum elong	-218 Nov 07 j 13:05	11°♏56'40	1°03'49
min. Earth dist.	-218 Nov 07 j 12:53	11°♏57'20	0.67647 AU
morning rise	-218 Nov 12 j 19:44	5°♏39'44	
direct	-218 Nov 17 j 10:30	3°♏45'42	
morning max el	-218 Nov 26 j 20:37	9°♏20'09	22°16'06
	-218 Dec 12 j 22:47	0°♐	
desc. node	-218 Dec 14 j 05:52	1°♐52'35	
morning set	-218 Dec 30 j 02:45	26°♐16'59	
	-217 Jan 01 j 09:24	0°♑	
max. Earth dist.	-217 Jan 04 j 14:40	5°♑21'31	1.40875 AU
superior conj	-217 Jan 12 j 09:42	18°♑52'34	-2°01'05
minimum elong	-217 Jan 12 j 10:41	18°♑56'54	2°01'04
	-217 Jan 18 j 12:10	0°♒	
evening rise	-217 Jan 22 j 15:10	7°♒42'02	
asc. node	-217 Jan 31 j 09:57	23°♒32'43	
	-217 Feb 04 j 16:49	0°♓	
evening max el	-217 Feb 07 j 21:48	3°♓42'58	18°17'22
retrograde	-217 Feb 15 j 00:48	7°♓15'44	
evening set	-217 Feb 17 j 13:55	6°♓49'37	
inferior conj	-217 Feb 24 j 15:48	2°♓08'10	3°30'09
minimum elong	-217 Feb 24 j 18:41	2°♓01'58	3°29'44
	-217 Feb 27 j 03:15	30°℞♒	
min. Earth dist.	-217 Feb 28 j 01:33	29°♒13'40	0.59554 AU
morning rise	-217 Mar 03 j 21:12	26°♒31'37	
direct	-217 Mar 10 j 07:57	24°♒38'37	
desc. node	-217 Mar 12 j 05:03	24°♒47'57	
	-217 Mar 22 j 00:33	0°♓	
morning max el	-217 Mar 24 j 15:06	2°♓22'54	27°13'59
	-217 Apr 13 j 15:24	0°♈	
morning set	-217 Apr 24 j 12:34	20°♈49'17	
	-217 Apr 28 j 19:54	0°♉	
asc. node	-217 Apr 29 j 09:16	1°♉12'46	
max. Earth dist.	-217 May 01 j 04:40	5°♉10'09	1.32337 AU
superior conj	-217 May 01 j 15:19	6°♉08'39	0°23'39
minimum elong	-217 May 01 j 14:17	6°♉02'56	0°23'26
evening rise	-217 May 08 j 13:00	21°♉06'30	
	-217 May 12 j 21:29	0°♊	
	-217 May 31 j 14:07	0°♋	
evening max el	-217 Jun 05 j 22:25	5°♋49'02	26°02'23
desc. node	-217 Jun 08 j 04:18	7°♋49'23	
retrograde	-217 Jun 19 j 23:39	13°♋02'01	
evening set	-217 Jun 26 j 04:04	11°♋29'01	
min. Earth dist.	-217 Jun 30 j 11:11	8°♋49'58	0.58981 AU
inferior conj	-217 Jul 03 j 18:54	6°♋20'51	-4°43'54
minimum elong	-217 Jul 03 j 19:20	6°♋20'03	4°43'53
morning rise	-217 Jul 11 j 12:54	1°♋53'34	
direct	-217 Jul 14 j 01:01	1°♋32'26	
morning max el	-217 Jul 21 j 23:53	5°♋20'06	18°31'17
asc. node	-217 Jul 26 j 08:28	10°♋28'20	
	-217 Aug 06 j 14:34	0°♌	
morning set	-217 Aug 07 j 04:13	1°♌05'41	
superior conj	-217 Aug 16 j 03:00	18°♌11'13	1°42'23
minimum elong	-217 Aug 16 j 05:13	18°♌21'33	1°42'16
	-217 Aug 22 j 15:44	0°♍	
max. Earth dist.	-217 Aug 23 j 10:44	1°♍23'03	1.39991 AU
evening rise	-217 Aug 27 j 17:39	8°♍42'18	
desc. node	-217 Sep 04 j 03:37	20°♍42'17	
	-217 Sep 10 j 05:51	0°♎	
evening max el	-217 Oct 01 j 15:47	27°♎49'27	23°44'25
	-217 Oct 03 j 23:40	0°♏	
retrograde	-217 Oct 12 j 09:21	4°♏08'57	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-217 Oct 17 j 12:26	2°♏00'42		
	-217 Oct 19 j 12:34	30°℞♎		
asc. node	-217 Oct 22 j 07:40	26°♎25'48		
inferior conj	-217 Oct 22 j 21:24	25°♎38'59	0°11'52	
minimum elong	-217 Oct 22 j 21:07	25°♎39'58	0°11'44	
transit middle	-217 Oct 22 j 21:07	25°♎39'58	0°11'44	
transit begin	-217 Oct 22 j 19:14	25°♎46'24		
transit end	-217 Oct 22 j 23:00	25°♎33'32		
min. Earth dist.	-217 Oct 22 j 09:25	26°♎19'49	0.67585 AU	
morning rise	-217 Oct 28 j 05:44	19°♎31'17		
direct	-217 Nov 01 j 06:41	17°♎59'15		
morning max el	-217 Nov 09 j 14:07	22°♎49'49	20°55'48	
	-217 Nov 15 j 16:26	0°♏		
desc. node	-217 Dec 01 j 02:53	22°♏06'12		
	-217 Dec 06 j 07:08	0°♐		
morning set	-217 Dec 09 j 08:21	4°♐44'02		
max. Earth dist.	-217 Dec 17 j 18:44	18°♐10'01	1.42765 AU	
superior conj	-217 Dec 24 j 16:58	29°♐39'21	-1°57'35	
minimum elong	-217 Dec 24 j 13:34	29°♐25'02	1°57'27	
	-217 Dec 24 j 21:50	0°♑		
evening rise	-216 Jan 05 j 10:31	20°♑08'36		
	-216 Jan 10 j 23:41	0°♒		
asc. node	-216 Jan 18 j 06:58	11°♒49'13		
evening max el	-216 Jan 22 j 08:52	16°♒47'25	18°07'40	
retrograde	-216 Jan 28 j 23:24	20°♒12'23		
evening set	-216 Jan 31 j 17:01	19°♒37'07		
inferior conj	-216 Feb 07 j 05:09	14°♒34'19	3°49'52	
minimum elong	-216 Feb 07 j 05:44	14°♒32'52	3°49'50	
min. Earth dist.	-216 Feb 10 j 05:48	11°♒35'50	0.61643 AU	
morning rise	-216 Feb 13 j 17:09	8°♒42'12		
direct	-216 Feb 20 j 15:27	6°♒16'07		
desc. node	-216 Feb 27 j 02:05	8°♒07'04		
morning max el	-216 Mar 05 j 17:49	14°♒06'26	27°45'08	
	-216 Mar 18 j 13:25	0°♓		
	-216 Apr 05 j 01:11	0°♈		
morning set	-216 Apr 07 j 17:24	5°♈22'33		
max. Earth dist.	-216 Apr 13 j 15:40	17°♈54'02	1.32546 AU	
superior conj	-216 Apr 15 j 01:54	21°♈00'07	-0°01'57	
minimum elong	-216 Apr 15 j 01:59	21°♈00'35	0°01'55	
behind sun begin	-216 Apr 14 j 20:55	20°♈32'57		
behind sun end	-216 Apr 15 j 07:04	21°♈28'14		
asc. node	-216 Apr 15 j 06:18	21°♈24'07		
	-216 Apr 19 j 04:57	0°♉		
evening rise	-216 Apr 22 j 00:25	6°♉01'47		
	-216 May 04 j 17:18	0°♊		
evening max el	-216 May 17 j 15:02	16°♊45'13	24°39'54	
desc. node	-216 May 25 j 01:20	22°♊11'41		
retrograde	-216 May 31 j 13:49	23°♊48'42		
evening set	-216 Jun 05 j 11:53	22°♊54'03		
min. Earth dist.	-216 Jun 11 j 02:29	20°♊00'37	0.57072 AU	
inferior conj	-216 Jun 13 j 23:09	18°♊09'11	-4°28'01	
minimum elong	-216 Jun 13 j 18:56	18°♊16'04	4°27'30	
morning rise	-216 Jun 22 j 04:46	14°♊02'25		
direct	-216 Jun 24 j 19:00	13°♊43'36		
morning max el	-216 Jul 03 j 23:41	18°♊00'22	19°21'09	
asc. node	-216 Jul 12 j 05:32	28°♊47'15		
	-216 Jul 12 j 23:00	0°♋		
morning set	-216 Jul 21 j 03:46	15°♋23'16		
	-216 Jul 28 j 11:40	0°♌		
superior conj	-216 Jul 29 j 07:27	1°♌36'52	1°47'15	
minimum elong	-216 Jul 29 j 07:35	1°♌37'33	1°47'16	
max. Earth dist.	-216 Aug 04 j 13:59	13°♌30'44	1.37986 AU	
evening rise	-216 Aug 08 j 09:01	20°♌20'19		
	-216 Aug 14 j 00:41	0°♍		

desc. node	-216 Aug 21 j 00:38	11°♍09'42		
	-216 Sep 03 j 07:00	0°♎		
evening max el	-216 Sep 13 j 03:34	11°♎24'48	25°02'02	
retrograde	-216 Sep 24 j 21:39	18°♎13'37		
evening set	-216 Sep 30 j 15:26	15°♎48'11		
min. Earth dist.	-216 Oct 05 j 03:53	10°♎42'06	0.67200 AU	
inferior conj	-216 Oct 06 j 02:30	9°♎27'46	-0°43'14	
minimum elong	-216 Oct 06 j 03:35	9°♎24'14	0°42'47	
asc. node	-216 Oct 08 j 04:43	6°♎48'00		
morning rise	-216 Oct 11 j 15:49	3°♎27'07		
direct	-216 Oct 15 j 04:43	2°♎14'53		
morning max el	-216 Oct 22 j 15:24	6°♎30'10	19°47'30	
	-216 Nov 08 j 19:12	0°♏		
desc. node	-216 Nov 16 j 23:54	12°♏34'09		
morning set	-216 Nov 17 j 05:10	12°♏54'30		
	-216 Nov 28 j 03:26	0°♐		
max. Earth dist.	-216 Nov 29 j 06:42	1°♐48'15	1.44172 AU	
superior conj	-216 Dec 03 j 21:17	9°♐11'32	-1°36'48	
minimum elong	-216 Dec 03 j 13:37	8°♐40'33	1°36'08	
	-216 Dec 16 j 10:41	0°♑		
evening rise	-216 Dec 17 j 11:08	1°♑43'39		
asc. node	-215 Jan 04 j 04:01	29°♑18'28		
	-215 Jan 04 j 19:42	0°♒		
evening max el	-215 Jan 04 j 21:24	0°♒04'18	18°17'04	
retrograde	-215 Jan 11 j 09:13	3°♒34'31		
evening set	-215 Jan 14 j 07:18	2°♒49'18		
	-215 Jan 17 j 23:19	30°℞♑		
inferior conj	-215 Jan 20 j 09:07	27°♑26'33	3°47'06	
minimum elong	-215 Jan 20 j 07:49	27°♑30'09	3°46'59	
min. Earth dist.	-215 Jan 22 j 19:25	24°♑45'08	0.63541 AU	
morning rise	-215 Jan 26 j 07:39	21°♑24'31		
direct	-215 Feb 02 j 07:06	18°♑38'05		
desc. node	-215 Feb 12 j 23:07	23°♑37'46		
morning max el	-215 Feb 16 j 01:28	26°♑28'54	27°39'21	
	-215 Feb 19 j 08:43	0°♒		
	-215 Mar 12 j 03:02	0°♓		
morning set	-215 Mar 22 j 15:34	19°♓32'01		
	-215 Mar 27 j 17:57	0°♈		
max. Earth dist.	-215 Mar 27 j 20:51	0°♈15'19	1.33148 AU	
superior conj	-215 Mar 30 j 09:31	5°♈38'00	-0°28'36	
minimum elong	-215 Mar 30 j 10:53	5°♈45'21	0°28'19	
asc. node	-215 Apr 02 j 03:20	11°♈32'20		
evening rise	-215 Apr 06 j 12:08	20°♈53'09		
	-215 Apr 10 j 23:10	0°♉		
evening max el	-215 Apr 29 j 05:42	27°♉19'36	23°05'13	
	-215 May 02 j 07:58	0°♊		
desc. node	-215 May 11 j 22:22	3°♊58'44		
retrograde	-215 May 12 j 15:35	3°♊59'54		
evening set	-215 May 16 j 03:12	3°♊33'16		
min. Earth dist.	-215 May 23 j 15:10	0°♊12'16	0.55642 AU	
	-215 May 23 j 23:39	30°℞♉		
inferior conj	-215 May 25 j 07:48	29°♉13'08	-3°28'48	
minimum elong	-215 May 25 j 00:38	29°♉23'37	3°26'59	
morning rise	-215 Jun 03 j 00:39	25°♉18'50		
direct	-215 Jun 05 j 18:01	25°♉01'08		
morning max el	-215 Jun 16 j 12:59	0°♊00'56	20°31'51	
	-215 Jun 16 j 12:35	0°♊		
asc. node	-215 Jun 29 j 02:35	17°♊43'12		
morning set	-215 Jul 05 j 09:25	0°♋00'07		
	-215 Jul 05 j 09:23	0°♋		
superior conj	-215 Jul 13 j 00:08	15°♋40'13	1°43'49	
minimum elong	-215 Jul 12 j 22:45	15°♋33'11	1°43'46	
max. Earth dist.	-215 Jul 17 j 20:39	25°♋19'59	1.36142 AU	
	-215 Jul 20 j 07:07	0°♌		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-215 Jul 21 j 21:42	3°♌00'32		
	-215 Aug 07 j 00:07	0°♍		
desc. node	-215 Aug 07 j 21:41	1°♍20'48		
evening max el	-215 Aug 26 j 15:03	25°♍01'08	26°09'36	
	-215 Sep 01 j 18:33	0°♎		
retrograde	-215 Sep 08 j 05:16	2°♎09'56		
	-215 Sep 13 j 22:57	30°℞♍		
evening set	-215 Sep 14 j 13:22	29°♍30'49		
min. Earth dist.	-215 Sep 18 j 17:57	25°♍01'24	0.66474 AU	
inferior conj	-215 Sep 20 j 04:01	23°♍15'34	-1°39'16	
minimum elong	-215 Sep 20 j 06:32	23°♍07'45	1°38'15	
asc. node	-215 Sep 25 j 01:46	18°♍02'24		
morning rise	-215 Sep 26 j 00:02	17°♍24'49		
direct	-215 Sep 29 j 02:59	16°♍29'02		
morning max el	-215 Oct 05 j 23:46	20°♍19'13	18°54'00	
	-215 Oct 13 j 13:23	0°♎		
morning set	-215 Oct 27 j 17:40	21°♎57'58		
	-215 Nov 01 j 20:03	0°♏		
desc. node	-215 Nov 03 j 20:57	3°♏12'14		
max. Earth dist.	-215 Nov 11 j 23:36	15°♏56'57	1.44922 AU	
superior conj	-215 Nov 13 j 03:25	17°♏46'25	-0°58'17	
minimum elong	-215 Nov 12 j 20:18	17°♏18'25	0°57'26	
	-215 Nov 20 j 20:40	0°♐		
evening rise	-215 Nov 28 j 13:13	12°♐21'19		
	-215 Dec 09 j 12:21	0°♑		
evening max el	-215 Dec 19 j 08:49	13°♑28'27	18°44'41	
asc. node	-215 Dec 22 j 01:03	15°♑47'32		
retrograde	-215 Dec 26 j 02:06	17°♑14'43		
evening set	-215 Dec 29 j 05:32	16°♑18'28		
inferior conj	-214 Jan 03 j 23:54	10°♑38'05	3°28'12	
minimum elong	-214 Jan 03 j 21:29	10°♑45'25	3°27'47	
min. Earth dist.	-214 Jan 05 j 18:55	8°♑27'24	0.65110 AU	
morning rise	-214 Jan 09 j 13:04	4°♑29'50		
direct	-214 Jan 16 j 05:51	1°♑37'39		
morning max el	-214 Jan 29 j 11:14	9°♑20'14	27°00'05	
desc. node	-214 Jan 30 j 20:10	10°♑45'05		
	-214 Feb 14 j 17:07	0°♒		
	-214 Mar 04 j 12:31	0°♓		
morning set	-214 Mar 06 j 03:59	3°♓08'04		
max. Earth dist.	-214 Mar 10 j 16:17	12°♓03'03	1.34181 AU	
superior conj	-214 Mar 14 j 12:10	19°♓56'16	-0°55'14	
minimum elong	-214 Mar 14 j 14:48	20°♓09'59	0°54'45	
	-214 Mar 19 j 06:39	0°♈		
asc. node	-214 Mar 20 j 00:23	1°♈33'35		
evening rise	-214 Mar 21 j 22:20	5°♈34'33		
	-214 Apr 04 j 09:14	0°♉		
evening max el	-214 Apr 11 j 01:42	8°♉03'26	21°33'02	
retrograde	-214 Apr 23 j 07:13	14°♉00'47		
evening set	-214 Apr 25 j 18:02	13°♉47'09		
desc. node	-214 Apr 28 j 19:24	12°♉55'10		
inferior conj	-214 May 05 j 03:41	9°♉45'33	-1°47'30	
minimum elong	-214 May 04 j 22:43	9°♉52'30	1°45'49	
min. Earth dist.	-214 May 05 j 04:07	9°♉44'56	0.55008 AU	
morning rise	-214 May 14 j 04:07	5°♉46'52		
direct	-214 May 17 j 05:11	5°♉26'34		
morning max el	-214 May 29 j 15:23	11°♉19'08	22°00'35	
	-214 Jun 12 j 04:49	0°♊		
asc. node	-214 Jun 15 j 23:38	7°♊07'03		
morning set	-214 Jun 19 j 18:55	14°♊50'00		
	-214 Jun 26 j 23:24	0°♋		
superior conj	-214 Jun 27 j 01:18	0°♋09'58	1°33'53	
minimum elong	-214 Jun 26 j 23:03	29°♊58'09	1°33'39	
max. Earth dist.	-214 Jun 30 j 11:31	7°♋16'08	1.34629 AU	
evening rise	-214 Jul 05 j 02:51	16°♋30'05		
	-214 Jul 12 j 10:47	0°♌		
desc. node	-214 Jul 25 j 18:45	21°♌07'47		
	-214 Aug 01 j 10:24	0°♍		
evening max el	-214 Aug 09 j 02:51	8°♍31'41	26°59'20	
retrograde	-214 Aug 22 j 07:45	15°♍50'10		
evening set	-214 Aug 29 j 03:54	13°♍04'25		
min. Earth dist.	-214 Sep 02 j 01:17	9°♍12'07	0.65395 AU	
inferior conj	-214 Sep 03 j 23:51	6°♍58'08	-2°34'18	
minimum elong	-214 Sep 04 j 03:40	6°♍47'07	2°32'56	
morning rise	-214 Sep 10 j 04:04	1°♍20'19		
asc. node	-214 Sep 11 j 22:50	0°♍43'01		
direct	-214 Sep 12 j 23:29	0°♍37'14		
morning max el	-214 Sep 19 j 13:02	4°♍11'24	18°16'41	
	-214 Oct 06 j 22:48	0°♎		
morning set	-214 Oct 08 j 10:03	2°♎24'35		
desc. node	-214 Oct 21 j 18:00	23°♎56'11		
superior conj	-214 Oct 23 j 04:53	26°♎14'23	-0°09'33	
minimum elong	-214 Oct 23 j 03:39	26°♎09'29	0°09'22	
behind sun begin	-214 Oct 22 j 18:30	25°♎33'15		
behind sun end	-214 Oct 23 j 12:48	26°♎45'40		
	-214 Oct 25 j 14:03	0°♏		
max. Earth dist.	-214 Oct 25 j 18:05	0°♏15'52	1.44941 AU	
evening rise	-214 Nov 08 j 15:39	22°♏00'56		
	-214 Nov 13 j 18:32	0°♐		
greatest brilliancy	-214 Nov 20 j 06:20	10°♐01'31	-0.7m	
evening max el	-214 Dec 02 j 16:53	26°♐55'42	19°29'13	
	-214 Dec 06 j 09:25	0°♑		
asc. node	-214 Dec 08 j 22:06	1°♑01'02		
retrograde	-214 Dec 09 j 22:36	1°♑06'53		
evening set	-214 Dec 13 j 09:00	29°♐57'58		
	-214 Dec 13 j 07:46	30°℞♐		
inferior conj	-214 Dec 18 j 22:15	24°♐02'42	2°57'41	
minimum elong	-214 Dec 18 j 19:27	24°♐11'50	2°56'57	
min. Earth dist.	-214 Dec 20 j 02:57	22°♐29'28	0.66296 AU	
morning rise	-214 Dec 24 j 05:38	17°♐50'48		
direct	-214 Dec 30 j 10:43	15°♐05'51		
morning max el	-213 Jan 11 j 20:32	22°♐26'57	25°54'54	
desc. node	-213 Jan 17 j 17:12	29°♐00'40		
	-213 Jan 18 j 12:30	0°♑		
	-213 Feb 07 j 23:50	0°♒		
morning set	-213 Feb 17 j 02:25	15°♒57'44		
max. Earth dist.	-213 Feb 20 j 23:39	23°♒17'03	1.35668 AU	
	-213 Feb 24 j 10:00	0°♓		
superior conj	-213 Feb 26 j 07:22	3°♓47'25	-1°20'21	
minimum elong	-213 Feb 26 j 10:56	4°♓05'29	1°19'49	
evening rise	-213 Mar 06 j 05:01	19°♓59'32		
asc. node	-213 Mar 06 j 21:27	21°♓23'12		
	-213 Mar 11 j 06:10	0°♈		
evening max el	-213 Mar 24 j 08:10	19°♈19'33	20°13'54	
retrograde	-213 Apr 03 j 21:23	24°♈23'21		
evening set	-213 Apr 06 j 00:10	24°♈12'01		
inferior conj	-213 Apr 15 j 00:07	20°♈13'43	0°11'37	
minimum elong	-213 Apr 15 j 00:39	20°♈12'56	0°11'26	
transit middle	-213 Apr 15 j 00:39	20°♈12'56	0°11'26	
transit begin	-213 Apr 14 j 21:51	20°♈17'04		
transit end	-213 Apr 15 j 03:26	20°♈08'47		
desc. node	-213 Apr 15 j 16:24	19°♈49'30		
min. Earth dist.	-213 Apr 16 j 18:02	19°♈11'38	0.55331 AU	
morning rise	-213 Apr 23 j 23:20	15°♈52'11		
direct	-213 Apr 27 j 18:25	15°♈20'44		
morning max el	-213 May 11 j 09:13	22°♈02'41	23°40'16	
	-213 May 18 j 07:49	0°♉		
asc. node	-213 Jun 02 j 20:42	26°♉51'37		
morning set	-213 Jun 04 j 06:30	29°♉47'35		
	-213 Jun 04 j 08:52	0°♊		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-213 Jun	11 j 08:06	14°♊57'23	1°18'51		superior conj	-212 May	25 j 18:15	29°♉53'52	0°59'47	
minimum elong	-213 Jun	11 j 05:36	14°♊43'55	1°18'29		minimum elong	-212 May	25 j 16:00	29°♉41'35	0°59'23	
max. Earth dist.	-213 Jun	13 j 12:06	19°♊35'20	1.33505 AU			-212 May	25 j 19:23	0°♊		
evening rise	-213 Jun	18 j 20:01	0°♋36'32			max. Earth dist.	-212 May	26 j 20:17	2°♊15'42	1.32766 AU	
	-213 Jun	18 j 12:45	0°♋			evening rise	-212 Jun	01 j 21:32	15°♊07'30		
	-213 Jul	05 j 10:26	0°♌				-212 Jun	09 j 13:11	0°♋		
desc. node	-213 Jul	12 j 15:46	10°♌20'37			desc. node	-212 Jun	28 j 12:46	28°♋44'04		
evening max el	-213 Jul	22 j 14:07	21°♌46'35	27°23'59			-212 Jun	29 j 14:52	0°♌		
retrograde	-213 Aug	05 j 04:24	29°♌06'28			evening max el	-212 Jul	03 j 22:22	4°♌31'22	27°17'54	
evening set	-213 Aug	12 j 08:05	26°♌24'32			retrograde	-212 Jul	17 j 18:16	11°♌48'56		
min. Earth dist.	-213 Aug	15 j 23:54	23°♌06'46	0.63958 AU		evening set	-212 Jul	24 j 22:06	9°♌23'48		
inferior conj	-213 Aug	18 j 11:33	20°♌30'57	-3°25'34		min. Earth dist.	-212 Jul	28 j 12:12	6°♌32'58	0.62187 AU	
minimum elong	-213 Aug	18 j 16:12	20°♌18'46	3°24'13		inferior conj	-212 Jul	31 j 12:06	3°♌46'03	-4°08'54	
morning rise	-213 Aug	25 j 01:17	15°♌09'12			minimum elong	-212 Jul	31 j 16:33	3°♌35'40	4°08'02	
direct	-213 Aug	27 j 15:42	14°♌35'20				-212 Aug	05 j 01:11	30°℞♋		
asc. node	-213 Aug	29 j 19:53	14°♌59'17			morning rise	-212 Aug	07 j 12:22	28°♋43'49		
morning max el	-213 Sep	03 j 04:35	18°♌01'40	17°56'36		direct	-212 Aug	10 j 00:19	28°♋16'20		
	-213 Sep	11 j 20:57	0°♍				-212 Aug	14 j 19:08	0°♌		
morning set	-213 Sep	20 j 05:23	14°♍09'32			asc. node	-212 Aug	15 j 16:56	0°♌42'18		
	-213 Sep	29 j 13:48	0°♎			morning max el	-212 Aug	16 j 19:34	1°♌42'52	17°54'43	
						morning set	-212 Sep	01 j 21:45	26°♌54'44		
superior conj	-213 Oct	02 j 22:59	5°♎34'16	0°36'58			-212 Sep	03 j 14:53	0°♍		
minimum elong	-213 Oct	03 j 02:51	5°♎50'04	0°36'27							
max. Earth dist.	-213 Oct	08 j 11:33	14°♎29'01	1.44245 AU		superior conj	-212 Sep	12 j 19:59	16°♍13'49	1°12'32	
desc. node	-213 Oct	08 j 15:04	14°♎42'59			minimum elong	-212 Sep	13 j 00:58	16°♍35'10	1°11'58	
	-213 Oct	18 j 09:12	0°♏			max. Earth dist.	-212 Sep	20 j 01:19	28°♍18'50	1.42915 AU	
evening rise	-213 Oct	19 j 01:14	1°♏01'48				-212 Sep	21 j 02:10	0°♎		
	-213 Nov	07 j 11:46	0°♐			desc. node	-212 Sep	24 j 12:05	5°♎29'06		
evening max el	-213 Nov	15 j 19:59	10°♐24'14	20°28'36		evening rise	-212 Sep	27 j 09:51	10°♎04'17		
retrograde	-213 Nov	23 j 20:13	15°♐07'34				-212 Oct	10 j 13:40	0°♏		
asc. node	-213 Nov	25 j 19:08	14°♐45'48			evening max el	-212 Oct	28 j 17:14	23°♏53'00	21°39'45	
evening set	-213 Nov	27 j 15:32	13°♐43'57			retrograde	-212 Nov	06 j 16:58	29°♏13'41		
inferior conj	-213 Dec	03 j 01:35	7°♐36'46	2°18'34		evening set	-212 Nov	10 j 23:16	27°♏33'26		
minimum elong	-213 Dec	02 j 22:57	7°♐45'39	2°17'42		asc. node	-212 Nov	11 j 16:09	26°♏57'16		
min. Earth dist.	-213 Dec	03 j 17:28	6°♐42'57	0.67101 AU		inferior conj	-212 Nov	16 j 07:44	21°♏17'37	1°32'59	
morning rise	-213 Dec	08 j 06:11	1°♐23'22			minimum elong	-212 Nov	16 j 05:45	21°♏24'27	1°32'12	
	-213 Dec	10 j 02:50	30°℞♏			min. Earth dist.	-212 Nov	16 j 12:10	21°♏02'18	0.67542 AU	
direct	-213 Dec	13 j 20:51	28°♏54'55			morning rise	-212 Nov	21 j 12:05	15°♏04'43		
	-213 Dec	17 j 23:23	0°♐			direct	-212 Nov	26 j 11:27	12°♏57'47		
morning max el	-213 Dec	25 j 04:51	5°♐40'22	24°33'29		morning max el	-212 Dec	06 j 14:14	18°♏58'29	23°05'54	
desc. node	-212 Jan	04 j 14:15	18°♐04'47				-212 Dec	15 j 20:23	0°♐		
	-212 Jan	13 j 00:57	0°♑			desc. node	-212 Dec	21 j 11:18	7°♐43'26		
morning set	-212 Jan	30 j 05:15	27°♑45'09				-211 Jan	05 j 05:04	0°♑		
	-212 Jan	31 j 11:47	0°♒			morning set	-211 Jan	10 j 06:15	8°♑14'31		
max. Earth dist.	-212 Feb	02 j 21:23	4°♒19'06	1.37560 AU		max. Earth dist.	-211 Jan	14 j 16:54	15°♑46'50	1.39669 AU	
superior conj	-212 Feb	09 j 15:51	17°♒02'29	-1°41'52		superior conj	-211 Jan	22 j 09:23	29°♑30'23	-1°56'53	
minimum elong	-212 Feb	09 j 19:38	17°♒20'47	1°41'30		minimum elong	-211 Jan	22 j 11:58	29°♑42'16	1°56'46	
	-212 Feb	16 j 05:25	0°♓				-211 Jan	22 j 15:49	0°♒		
evening rise	-212 Feb	18 j 05:53	4°♓01'29			evening rise	-211 Jan	31 j 22:10	17°♒33'23		
asc. node	-212 Feb	21 j 18:29	10°♓55'51			asc. node	-211 Feb	07 j 15:30	0°♓05'36		
	-212 Mar	04 j 20:55	0°♈				-211 Feb	07 j 14:14	0°♓		
evening max el	-212 Mar	06 j 01:43	1°♈13'40	19°12'54		evening max el	-211 Feb	17 j 04:23	13°♓41'45	18°31'49	
retrograde	-212 Mar	14 j 23:05	5°♈30'07			retrograde	-211 Feb	24 j 19:36	17°♓26'07		
evening set	-212 Mar	17 j 04:23	5°♈15'17			evening set	-211 Feb	27 j 05:52	17°♓04'40		
inferior conj	-212 Mar	25 j 10:22	1°♈04'58	1°55'26		inferior conj	-211 Mar	06 j 17:13	12°♓34'56	3°05'34	
minimum elong	-212 Mar	25 j 14:26	0°♈58'06	1°54'13		minimum elong	-211 Mar	06 j 21:10	12°♓27'06	3°04'45	
	-212 Mar	27 j 00:45	30°℞♓			min. Earth dist.	-211 Mar	10 j 03:12	9°♓54'32	0.58364 AU	
min. Earth dist.	-212 Mar	28 j 09:07	29°♓06'23	0.56541 AU		morning rise	-211 Mar	14 j 09:49	7°♓11'20		
desc. node	-212 Apr	01 j 13:26	26°♓44'31			desc. node	-211 Mar	19 j 10:27	5°♓43'01		
morning rise	-212 Apr	02 j 21:36	26°♓11'11			direct	-211 Mar	20 j 08:50	5°♓40'48		
direct	-212 Apr	07 j 18:58	25°♓15'50			morning max el	-211 Apr	03 j 17:09	13°♓17'30	26°40'06	
	-212 Apr	19 j 02:35	0°♈				-211 Apr	16 j 22:10	0°♈		
morning max el	-212 Apr	21 j 23:44	2°♈32'15	25°18'36		morning set	-211 May	03 j 05:02	29°♈40'32		
	-212 May	11 j 07:46	0°♉				-211 May	03 j 08:45	0°♉		
morning set	-212 May	18 j 18:25	14°♉46'20			asc. node	-211 May	06 j 14:49	6°♉56'58		
asc. node	-212 May	19 j 17:45	16°♉49'56								

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-211 May 10 j 05:54	14°♉53'13	0°37'34
minimum elong	-211 May 10 j 04:19	14°♉44'32	0°37'15
max. Earth dist.	-211 May 10 j 08:33	15°♉07'46	1.32394 AU
evening rise	-211 May 17 j 04:37	29°♉53'51	
	-211 May 17 j 05:47	0°♊	
	-211 Jun 02 j 18:21	0°♋	
desc. node	-211 Jun 15 j 09:45	15°♋57'30	
evening max el	-211 Jun 16 j 00:57	16°♋34'17	26°38'42
retrograde	-211 Jun 30 j 00:34	23°♋49'22	
evening set	-211 Jul 06 j 17:31	21°♋54'10	
min. Earth dist.	-211 Jul 10 j 14:17	19°♋16'18	0.60176 AU
inferior conj	-211 Jul 13 j 22:01	16°♋34'39	-4°37'42
minimum elong	-211 Jul 14 j 00:32	16°♋29'31	4°37'29
morning rise	-211 Jul 21 j 09:29	11°♋54'38	
direct	-211 Jul 23 j 21:07	11°♋31'34	
morning max el	-211 Jul 31 j 07:04	15°♋07'53	18°12'09
asc. node	-211 Aug 02 j 14:00	17°♋37'38	
	-211 Aug 10 j 14:22	0°♌	
morning set	-211 Aug 16 j 05:32	10°♌24'33	
superior conj	-211 Aug 25 j 18:51	28°♌10'19	1°34'57
minimum elong	-211 Aug 25 j 22:20	28°♌26'02	1°34'42
	-211 Aug 26 j 19:14	0°♍	
max. Earth dist.	-211 Sep 02 j 09:29	11°♍29'47	1.41128 AU
evening rise	-211 Sep 07 j 10:33	19°♍52'25	
desc. node	-211 Sep 11 j 09:05	26°♍11'08	
	-211 Sep 13 j 19:37	0°♎	
	-211 Oct 04 j 22:12	0°♏	
evening max el	-211 Oct 11 j 09:07	7°♏22'27	22°58'15
retrograde	-211 Oct 21 j 11:22	13°♏21'53	
evening set	-211 Oct 26 j 06:28	11°♏23'45	
asc. node	-211 Oct 29 j 13:12	7°♏50'17	
inferior conj	-211 Oct 31 j 14:49	5°♏02'54	0°42'31
minimum elong	-211 Oct 31 j 13:50	5°♏06'17	0°42'05
min. Earth dist.	-211 Oct 31 j 08:40	5°♏24'05	0.67654 AU
	-211 Nov 04 j 15:39	30°℞♎	
morning rise	-211 Nov 05 j 21:08	28°♎52'39	
direct	-211 Nov 10 j 05:45	27°♎08'24	
	-211 Nov 16 j 13:35	0°♏	
morning max el	-211 Nov 19 j 04:03	2°♏23'23	21°40'52
desc. node	-211 Dec 08 j 08:19	27°♏46'15	
	-211 Dec 09 j 20:16	0°♐	
morning set	-211 Dec 21 j 02:02	17°♐19'48	
max. Earth dist.	-211 Dec 27 j 16:47	28°♐03'55	1.41717 AU
	-211 Dec 28 j 20:42	0°♑	
superior conj	-210 Jan 04 j 06:37	10°♑57'00	-2°01'29
minimum elong	-210 Jan 04 j 05:57	10°♑54'04	2°01'28
	-210 Jan 14 j 20:38	0°♒	
evening rise	-210 Jan 15 j 02:19	0°♒26'07	
asc. node	-210 Jan 25 j 12:32	18°♒44'09	
evening max el	-210 Jan 31 j 13:13	26°♒34'57	18°10'50
	-210 Feb 06 j 13:51	0°♓	
retrograde	-210 Feb 07 j 09:49	0°♓03'06	
	-210 Feb 08 j 05:55	30°℞♒	
evening set	-210 Feb 10 j 00:46	29°♒33'19	
inferior conj	-210 Feb 16 j 20:22	24°♒42'36	3°41'44
minimum elong	-210 Feb 16 j 22:16	24°♒38'14	3°41'32
min. Earth dist.	-210 Feb 20 j 03:09	21°♒43'24	0.60447 AU
morning rise	-210 Feb 23 j 17:55	18°♒58'09	
direct	-210 Mar 02 j 10:40	16°♒50'05	
desc. node	-210 Mar 06 j 07:29	17°♒29'59	
morning max el	-210 Mar 16 j 16:35	24°♒38'10	27°31'45
	-210 Mar 21 j 14:23	0°♓	
	-210 Apr 10 j 04:23	0°♈	
morning set	-210 Apr 17 j 12:35	14°♈23'32	
asc. node	-210 Apr 23 j 11:51	27°♈07'52	
max. Earth dist.	-210 Apr 23 j 21:03	27°♈58'06	1.32381 AU
superior conj	-210 Apr 24 j 17:21	29°♈49'11	0°12'59
minimum elong	-210 Apr 24 j 16:46	29°♈45'57	0°12'53
behind sun begin	-210 Apr 24 j 13:49	29°♈29'49	
behind sun end	-210 Apr 24 j 19:43	0°♉02'06	
	-210 Apr 24 j 19:20	0°♉	
evening rise	-210 May 01 j 15:01	14°♉47'36	
	-210 May 09 j 06:24	0°♊	
evening max el	-210 May 28 j 20:36	27°♊51'57	25°29'35
	-210 May 31 j 06:08	0°♋	
desc. node	-210 Jun 02 j 06:46	1°♋32'31	
retrograde	-210 Jun 11 j 21:43	5°♋02'46	
evening set	-210 Jun 17 j 14:31	3°♋46'17	
min. Earth dist.	-210 Jun 22 j 08:38	1°♋03'03	0.58132 AU
	-210 Jun 23 j 20:57	30°℞♊	
inferior conj	-210 Jun 25 j 13:49	28°♊47'22	-4°41'52
minimum elong	-210 Jun 25 j 12:20	28°♊49'59	4°41'47
morning rise	-210 Jul 03 j 12:48	24°♊29'44	
direct	-210 Jul 06 j 01:37	24°♊09'48	
morning max el	-210 Jul 14 j 12:04	28°♊07'59	18°49'59
	-210 Jul 16 j 07:21	0°♋	
asc. node	-210 Jul 20 j 11:04	5°♋30'15	
morning set	-210 Jul 31 j 00:22	24°♋27'39	
	-210 Aug 02 j 20:07	0°♌	
superior conj	-210 Aug 08 j 14:11	11°♌08'44	1°45'36
minimum elong	-210 Aug 08 j 15:28	11°♌14'52	1°45'34
max. Earth dist.	-210 Aug 15 j 12:56	23°♌56'32	1.39125 AU
evening rise	-210 Aug 19 j 11:52	0°♍50'37	
	-210 Aug 19 j 00:04	0°♍	
desc. node	-210 Aug 29 j 06:07	16°♍45'36	
	-210 Sep 07 j 03:27	0°♎	
evening max el	-210 Sep 23 j 21:37	20°♎55'31	24°18'11
retrograde	-210 Oct 05 j 02:17	27°♎29'24	
evening set	-210 Oct 10 j 11:31	25°♎13'30	
min. Earth dist.	-210 Oct 15 j 04:41	19°♎47'04	0.67453 AU
inferior conj	-210 Oct 15 j 21:10	18°♎51'34	-0°11'18
minimum elong	-210 Oct 15 j 21:27	18°♎50'39	0°11'11
transit middle	-210 Oct 15 j 21:27	18°♎50'39	0°11'11
transit begin	-210 Oct 15 j 19:28	18°♎57'20	
transit end	-210 Oct 15 j 23:26	18°♎43'58	
asc. node	-210 Oct 16 j 10:15	18°♎07'41	
morning rise	-210 Oct 21 j 07:24	12°♎46'28	
direct	-210 Oct 25 j 02:52	11°♎23'23	
morning max el	-210 Nov 02 j 00:54	15°♎58'16	20°25'05
	-210 Nov 13 j 01:07	0°♏	
desc. node	-210 Nov 25 j 05:22	18°♏06'48	
morning set	-210 Nov 30 j 00:50	25°♏30'49	
	-210 Dec 02 j 21:59	0°♐	
max. Earth dist.	-210 Dec 09 j 23:50	11°♐13'20	1.43429 AU
superior conj	-210 Dec 16 j 02:31	21°♐11'47	-1°51'03
minimum elong	-210 Dec 15 j 21:03	20°♐49'08	1°50'43
	-210 Dec 21 j 08:20	0°♑	
evening rise	-210 Dec 28 j 14:14	12°♑31'37	
	-209 Jan 07 j 19:22	0°♒	
asc. node	-209 Jan 12 j 09:34	6°♒42'07	
evening max el	-209 Jan 15 j 01:14	9°♒45'24	18°09'25
retrograde	-209 Jan 21 j 13:40	13°♒11'14	
evening set	-209 Jan 24 j 09:02	12°♒32'01	
inferior conj	-209 Jan 30 j 16:25	7°♒20'46	3°50'58
minimum elong	-209 Jan 30 j 16:07	7°♒21'33	3°50'58
min. Earth dist.	-209 Feb 02 j 11:26	4°♒27'00	0.62483 AU
morning rise	-209 Feb 05 j 22:09	1°♒23'42	
	-209 Feb 08 j 03:09	30°℞♑	
direct	-209 Feb 12 j 22:07	28°♑46'49	

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	-209 Feb 18 j 00:28	0°♒		
desc. node	-209 Feb 21 j 04:32	1°♒49'07		
morning max el	-209 Feb 26 j 21:42	6°♒39'04	27°47'01	
	-209 Mar 16 j 16:09	0°♓		
morning set	-209 Apr 01 j 14:55	28°♓47'56		
	-209 Apr 02 j 05:06	0°♈		
max. Earth dist.	-209 Apr 07 j 05:52	10°♈32'59	1.32748 AU	
superior conj	-209 Apr 09 j 02:56	14°♈35'53	-0°13'11	
minimum elong	-209 Apr 09 j 03:33	14°♈39'15	0°13'02	
behind sun begin	-209 Apr 09 j 00:35	14°♈23'10		
behind sun end	-209 Apr 09 j 06:31	14°♈55'21		
asc. node	-209 Apr 10 j 08:54	17°♈18'29		
evening rise	-209 Apr 16 j 02:47	29°♈41'56		
	-209 Apr 16 j 06:12	0°♉		
	-209 May 03 j 03:24	0°♊		
evening max el	-209 May 10 j 11:38	8°♊35'52	24°00'14	
desc. node	-209 May 20 j 03:48	14°♊53'05		
retrograde	-209 May 24 j 07:07	15°♊32'07		
evening set	-209 May 28 j 13:54	14°♊51'27		
min. Earth dist.	-209 Jun 03 j 22:48	11°♊47'26	0.56379 AU	
inferior conj	-209 Jun 06 j 09:27	10°♊16'58	-4°08'38	
minimum elong	-209 Jun 06 j 03:31	10°♊26'11	4°07'33	
morning rise	-209 Jun 14 j 19:59	6°♊16'48		
direct	-209 Jun 17 j 11:05	5°♊58'47		
morning max el	-209 Jun 27 j 07:40	10°♊32'49	19°48'45	
asc. node	-209 Jul 07 j 08:08	24°♊06'28		
	-209 Jul 10 j 14:03	0°♋		
morning set	-209 Jul 15 j 02:50	8°♋54'25		
superior conj	-209 Jul 23 j 00:23	24°♋52'13	1°46'42	
minimum elong	-209 Jul 22 j 23:48	24°♋49'18	1°46'41	
	-209 Jul 25 j 14:59	0°♌		
max. Earth dist.	-209 Jul 28 j 16:35	5°♌51'57	1.37168 AU	
evening rise	-209 Aug 01 j 12:57	12°♌57'15		
	-209 Aug 11 j 13:40	0°♍		
desc. node	-209 Aug 16 j 03:10	7°♍07'00		
	-209 Sep 02 j 02:46	0°♎		
evening max el	-209 Sep 06 j 09:10	4°♎32'13	25°32'32	
retrograde	-209 Sep 18 j 12:45	11°♎31'07		
evening set	-209 Sep 24 j 12:36	8°♎59'31		
min. Earth dist.	-209 Sep 28 j 21:42	4°♎08'33	0.66931 AU	
inferior conj	-209 Sep 30 j 01:00	2°♎40'41	-1°07'00	
minimum elong	-209 Sep 30 j 02:41	2°♎35'15	1°06'17	
	-209 Oct 02 j 04:40	30°℞♍		
asc. node	-209 Oct 03 j 07:19	28°♍46'17		
morning rise	-209 Oct 05 j 16:57	26°♍43'34		
direct	-209 Oct 09 j 01:18	25°♍38'44		
morning max el	-209 Oct 16 j 05:17	29°♍42'25	19°22'44	
	-209 Oct 16 j 12:09	0°♎		
	-209 Nov 06 j 12:47	0°♏		
morning set	-209 Nov 09 j 01:37	3°♏56'10		
desc. node	-209 Nov 12 j 02:26	8°♏39'34		
max. Earth dist.	-209 Nov 22 j 13:47	25°♏04'59	1.44578 AU	
superior conj	-209 Nov 25 j 20:06	0°♐15'42	-1°22'23	
minimum elong	-209 Nov 25 j 11:50	29°♏42'49	1°21'32	
	-209 Nov 25 j 16:09	0°♐		
evening rise	-209 Dec 10 j 05:33	23°♐42'08		
	-209 Dec 14 j 00:20	0°♑		
evening max el	-209 Dec 29 j 13:38	23°♑06'16	18°26'46	
asc. node	-209 Dec 30 j 06:35	23°♑47'38		
retrograde	-208 Jan 05 j 02:46	26°♑41'47		
evening set	-208 Jan 08 j 03:02	25°♑52'00		
inferior conj	-208 Jan 14 j 01:23	20°♑21'43	3°40'43	
minimum elong	-208 Jan 13 j 23:31	20°♑27'07	3°40'30	
min. Earth dist.	-208 Jan 16 j 05:15	17°♑52'02	0.64254 AU	
morning rise	-208 Jan 19 j 19:28	14°♑16'56		
direct	-208 Jan 26 j 17:04	11°♑26'02		
desc. node	-208 Feb 08 j 01:36	18°♑04'44		
morning max el	-208 Feb 09 j 06:20	19°♑14'29	27°26'22	
	-208 Feb 18 j 10:36	0°♒		
	-208 Mar 08 j 14:52	0°♓		
morning set	-208 Mar 15 j 09:25	12°♓45'00		
max. Earth dist.	-208 Mar 20 j 07:12	22°♓40'43	1.33527 AU	
superior conj	-208 Mar 23 j 08:45	29°♓07'07	-0°39'57	
minimum elong	-208 Mar 23 j 10:40	29°♓17'17	0°39'35	
	-208 Mar 23 j 18:43	0°♈		
asc. node	-208 Mar 27 j 05:57	7°♈24'51		
evening rise	-208 Mar 30 j 14:06	14°♈30'31		
	-208 Apr 07 j 10:47	0°♉		
evening max el	-208 Apr 21 j 04:01	19°♉12'25	22°25'05	
retrograde	-208 May 04 j 03:39	25°♉35'56		
desc. node	-208 May 06 j 00:49	25°♉28'03		
evening set	-208 May 07 j 02:49	25°♉16'36		
min. Earth dist.	-208 May 15 j 11:33	21°♉40'17	0.55264 AU	
inferior conj	-208 May 16 j 11:33	21°♉06'17	-2°50'09	
minimum elong	-208 May 16 j 04:38	21°♉16'06	2°48'06	
morning rise	-208 May 25 j 08:19	17°♉12'13		
direct	-208 May 28 j 04:15	16°♉53'55		
morning max el	-208 Jun 08 j 16:12	22°♉15'47	21°07'31	
	-208 Jun 15 j 06:15	0°♊		
asc. node	-208 Jun 23 j 05:13	13°♊16'01		
morning set	-208 Jun 28 j 10:25	23°♊38'17		
	-208 Jul 01 j 11:49	0°♋		
superior conj	-208 Jul 05 j 21:06	9°♋08'25	1°40'18	
minimum elong	-208 Jul 05 j 19:16	8°♋58'59	1°40'11	
max. Earth dist.	-208 Jul 10 j 02:39	17°♋43'16	1.35464 AU	
evening rise	-208 Jul 14 j 09:20	26°♋00'54		
	-208 Jul 16 j 12:39	0°♌		
desc. node	-208 Aug 02 j 00:11	27°♌09'00		
	-208 Aug 03 j 23:39	0°♍		
evening max el	-208 Aug 18 j 21:05	18°♍08'14	26°33'22	
retrograde	-208 Aug 31 j 18:05	25°♍21'25		
evening set	-208 Sep 07 j 07:40	22°♍38'44		
min. Earth dist.	-208 Sep 11 j 09:13	18°♍24'59	0.66067 AU	
inferior conj	-208 Sep 13 j 00:22	16°♍27'01	-2°02'52	
minimum elong	-208 Sep 13 j 03:28	16°♍17'40	2°01'40	
morning rise	-208 Sep 18 j 23:41	10°♍41'10		
asc. node	-208 Sep 19 j 04:23	10°♍34'51		
direct	-208 Sep 21 j 23:14	9°♍51'03		
morning max el	-208 Sep 28 j 15:57	13°♍33'07	18°35'59	
	-208 Oct 10 j 13:16	0°♎		
morning set	-208 Oct 19 j 01:27	13°♎34'13		
desc. node	-208 Oct 28 j 23:29	29°♎20'32		
	-208 Oct 29 j 09:29	0°♏		
superior conj	-208 Nov 03 j 21:24	8°♏39'27	-0°38'07	
minimum elong	-208 Nov 03 j 16:26	8°♏19'56	0°37'28	
max. Earth dist.	-208 Nov 04 j 08:11	9°♏21'51	1.45028 AU	
	-208 Nov 17 j 10:19	0°♐		
evening rise	-208 Nov 19 j 21:19	3°♐54'11		
greatest brilliancy	-208 Nov 28 j 09:12	17°♐23'55	-0.8m	
	-208 Dec 06 j 17:14	0°♑		
evening max el	-208 Dec 11 j 23:54	6°♑32'12	19°01'43	
asc. node	-208 Dec 16 j 03:38	9°♑46'29		
retrograde	-208 Dec 18 j 21:29	10°♑27'42		
evening set	-208 Dec 22 j 03:46	9°♑26'05		
inferior conj	-208 Dec 27 j 19:41	3°♑38'57	3°16'28	
minimum elong	-208 Dec 27 j 17:02	3°♑47'18	3°15'54	
min. Earth dist.	-208 Dec 29 j 08:22	1°♑44'00	0.65663 AU	
	-208 Dec 30 j 19:06	30°℞♐		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-207 Jan 02 j 06:01	27°♐29'09		
direct	-207 Jan 08 j 18:21	24°♐38'52		
	-207 Jan 19 j 07:47	0°♑		
morning max el	-207 Jan 21 j 16:00	2°♑13'15	26°35'06	
desc. node	-207 Jan 24 j 22:39	5°♑43'49		
	-207 Feb 11 j 14:56	0°♒		
morning set	-207 Feb 26 j 16:25	26°♒02'33		
	-207 Feb 28 j 17:59	0°♓		
max. Earth dist.	-207 Mar 02 j 21:43	4°♓13'37	1.34759 AU	
superior conj	-207 Mar 07 j 08:33	13°♓14'39	-1°06'10	
minimum elong	-207 Mar 07 j 11:38	13°♓30'35	1°05'39	
asc. node	-207 Mar 14 j 02:58	27°♓21'43		
evening rise	-207 Mar 14 j 23:02	29°♓05'48		
	-207 Mar 15 j 09:33	0°♈		
evening max el	-207 Apr 03 j 04:03	0°♉07'45	20°57'23	
	-207 Apr 03 j 00:51	0°♉		
retrograde	-207 Apr 14 j 16:53	5°♉42'35		
evening set	-207 Apr 16 j 22:42	5°♉30'43		
desc. node	-207 Apr 22 j 21:50	3°♉21'40		
inferior conj	-207 Apr 26 j 05:44	1°♉32'30	-0°57'09	
minimum elong	-207 Apr 26 j 03:02	1°♉36'21	0°56'11	
min. Earth dist.	-207 Apr 27 j 00:27	1°♉05'57	0.55030 AU	
	-207 Apr 29 j 00:05	30°♈R		
morning rise	-207 May 05 j 07:04	27°♈26'36		
direct	-207 May 08 j 14:35	27°♈02'55		
	-207 May 17 j 11:48	0°♉		
morning max el	-207 May 21 j 14:20	3°♉16'53	22°42'14	
	-207 Jun 08 j 16:05	0°♊		
asc. node	-207 Jun 10 j 02:16	2°♊49'35		
morning set	-207 Jun 12 j 21:02	8°♊32'23		
superior conj	-207 Jun 20 j 00:58	23°♊46'37	1°28'03	
minimum elong	-207 Jun 19 j 22:32	23°♊33'45	1°27'46	
	-207 Jun 22 j 23:59	0°♋		
max. Earth dist.	-207 Jun 22 j 22:01	29°♊49'43	1.34109 AU	
evening rise	-207 Jun 27 j 20:03	9°♋47'28		
	-207 Jul 08 j 22:46	0°♌		
desc. node	-207 Jul 19 j 21:12	16°♌42'59		
	-207 Jul 30 j 19:05	0°♍		
evening max el	-207 Aug 01 j 08:52	1°♍33'42	27°13'08	
retrograde	-207 Aug 14 j 17:54	8°♍52'53		
evening set	-207 Aug 21 j 18:11	6°♍07'12		
min. Earth dist.	-207 Aug 25 j 12:56	2°♍30'22	0.64837 AU	
inferior conj	-207 Aug 27 j 17:04	0°♍06'11	-2°56'41	
minimum elong	-207 Aug 27 j 21:20	29°♌54'23	2°55'17	
	-207 Aug 27 j 19:18	30°♌R		
morning rise	-207 Sep 03 j 01:13	24°♌34'56		
direct	-207 Sep 05 j 18:17	23°♌56'05		
asc. node	-207 Sep 06 j 01:27	23°♌56'34		
morning max el	-207 Sep 12 j 06:33	27°♌25'31	18°05'58	
	-207 Sep 14 j 13:25	0°♍		
morning set	-207 Sep 30 j 05:54	24°♍36'26		
	-207 Oct 03 j 11:34	0°♎		
superior conj	-207 Oct 14 j 03:45	17°♎23'41	0°11'11	
minimum elong	-207 Oct 14 j 05:07	17°♎29'07	0°10'59	
behind sun begin	-207 Oct 13 j 21:10	16°♎57'18		
behind sun end	-207 Oct 14 j 13:04	18°♎00'54		
desc. node	-207 Oct 15 j 20:31	20°♎06'14		
max. Earth dist.	-207 Oct 18 j 03:05	23°♎42'32	1.44732 AU	
	-207 Oct 22 j 03:02	0°♏		
evening rise	-207 Oct 30 j 15:15	13°♏14'23		
	-207 Nov 10 j 13:26	0°♐		
greatest brilliancy	-207 Nov 13 j 00:30	3°♐41'50	-0.7m	
evening max el	-207 Nov 25 j 05:58	20°♐00'07	19°52'47	
retrograde	-207 Dec 02 j 18:49	24°♐24'22		
asc. node	-207 Dec 03 j 00:40	24°♐24'02		
evening set	-207 Dec 06 j 08:48	23°♐09'18		
inferior conj	-207 Dec 11 j 20:27	17°♐08'17	2°42'01	
minimum elong	-207 Dec 11 j 17:39	17°♐17'34	2°41'11	
min. Earth dist.	-207 Dec 12 j 19:24	15°♐52'06	0.66681 AU	
morning rise	-207 Dec 17 j 02:19	10°♐55'29		
direct	-207 Dec 23 j 01:19	8°♐17'01		
morning max el	-206 Jan 04 j 01:00	15°♐24'28	25°21'45	
desc. node	-206 Jan 11 j 19:42	24°♐22'17		
	-206 Jan 16 j 01:54	0°♑		
	-206 Feb 04 j 11:55	0°♒		
morning set	-206 Feb 09 j 07:13	8°♒27'38		
max. Earth dist.	-206 Feb 13 j 00:44	15°♒20'12	1.36433 AU	
superior conj	-206 Feb 18 j 23:34	26°♒51'11	-1°30'05	
minimum elong	-206 Feb 19 j 03:21	27°♒10'02	1°29'35	
	-206 Feb 20 j 13:23	0°♓		
evening rise	-206 Feb 27 j 03:33	13°♓21'46		
asc. node	-206 Feb 28 j 23:59	17°♓04'40		
	-206 Mar 07 j 22:46	0°♈		
evening max el	-206 Mar 16 j 15:08	11°♈38'56	19°45'30	
retrograde	-206 Mar 26 j 10:54	16°♈21'42		
evening set	-206 Mar 28 j 13:52	16°♈09'27		
inferior conj	-206 Apr 06 j 06:37	12°♈07'04	0°59'08	
minimum elong	-206 Apr 06 j 09:06	12°♈03'11	0°58'17	
min. Earth dist.	-206 Apr 08 j 14:40	10°♈39'57	0.55746 AU	
desc. node	-206 Apr 09 j 18:51	9°♈58'00		
morning rise	-206 Apr 15 j 01:55	7°♈32'06		
direct	-206 Apr 19 j 07:17	6°♈52'26		
morning max el	-206 May 03 j 06:07	13°♈51'05	24°23'16	
	-206 May 15 j 19:51	0°♉		
asc. node	-206 May 27 j 23:18	22°♉40'22		
morning set	-206 May 28 j 08:56	23°♉30'57		
	-206 May 31 j 09:48	0°♊		
superior conj	-206 Jun 04 j 09:25	8°♊38'33	1°11'11	
minimum elong	-206 Jun 04 j 06:58	8°♊25'16	1°10'49	
max. Earth dist.	-206 Jun 06 j 02:03	12°♊17'47	1.33139 AU	
evening rise	-206 Jun 11 j 17:06	24°♊05'00		
	-206 Jun 14 j 16:33	0°♋		
	-206 Jul 02 j 13:39	0°♌		
desc. node	-206 Jul 06 j 18:11	5°♌36'54		
evening max el	-206 Jul 14 j 18:55	14°♌36'31	27°25'17	
retrograde	-206 Jul 28 j 11:56	21°♌56'16		
evening set	-206 Aug 04 j 16:53	19°♌19'24		
min. Earth dist.	-206 Aug 08 j 07:06	16°♌14'44	0.63242 AU	
inferior conj	-206 Aug 11 j 00:24	13°♌32'11	-3°45'15	
minimum elong	-206 Aug 11 j 05:09	13°♌20'22	3°44'04	
morning rise	-206 Aug 17 j 18:34	8°♌18'43		
direct	-206 Aug 20 j 07:35	7°♌47'58		
asc. node	-206 Aug 23 j 22:31	8°♌51'22		
morning max el	-206 Aug 26 j 22:18	11°♌13'15	17°53'31	
	-206 Sep 08 j 13:30	0°♍		
morning set	-206 Sep 12 j 10:56	6°♍48'58		
superior conj	-206 Sep 24 j 08:56	27°♍16'49	0°53'38	
minimum elong	-206 Sep 24 j 13:44	27°♍36'48	0°53'02	
	-206 Sep 26 j 00:19	0°♎		
max. Earth dist.	-206 Sep 30 j 19:01	7°♎46'58	1.43744 AU	
desc. node	-206 Oct 02 j 17:32	10°♎53'03		
evening rise	-206 Oct 09 j 22:04	22°♎09'41		
	-206 Oct 15 j 00:51	0°♏		
	-206 Nov 05 j 04:07	0°♐		
evening max el	-206 Nov 08 j 06:28	3°♐28'09	20°57'37	
retrograde	-206 Nov 16 j 16:24	8°♐27'31		
asc. node	-206 Nov 19 j 21:43	7°♐28'44		
evening set	-206 Nov 20 j 16:03	6°♐57'08		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-206 Nov 26 j 01:14	0°♐45'38	1°59'56
minimum elong	-206 Nov 25 j 22:50	0°♐53'51	1°59'03
min. Earth dist.	-206 Nov 26 j 12:06	0°♐08'22	0.67327 AU
	-206 Nov 26 j 14:32	30°℞♏	
morning rise	-206 Dec 01 j 05:25	24°♏31'56	
direct	-206 Dec 06 j 13:28	22°♏12'19	
morning max el	-206 Dec 17 j 09:31	28°♏40'11	23°56'21
	-206 Dec 18 j 16:13	0°♐	
desc. node	-206 Dec 29 j 16:44	13°♐42'22	
	-205 Jan 09 j 20:34	0°♑	
morning set	-205 Jan 21 j 23:47	19°♑43'33	
max. Earth dist.	-205 Jan 25 j 20:12	26°♑27'13	1.38442 AU
	-205 Jan 27 j 19:37	0°♒	
superior conj	-205 Feb 02 j 02:12	9°♒47'04	-1°49'16
minimum elong	-205 Feb 02 j 05:42	10°♒03'37	1°48'59
evening rise	-205 Feb 11 j 01:07	27°♒11'24	
	-205 Feb 12 j 11:39	0°♓	
asc. node	-205 Feb 15 j 21:01	6°♓28'16	
evening max el	-205 Feb 27 j 12:53	23°♓48'12	18°52'59
retrograde	-205 Mar 07 j 20:11	27°♓49'01	
evening set	-205 Mar 10 j 03:24	27°♓31'47	
inferior conj	-205 Mar 18 j 01:17	23°♓14'02	2°29'39
minimum elong	-205 Mar 18 j 05:41	23°♓06'06	2°28'29
min. Earth dist.	-205 Mar 21 j 07:03	20°♓54'52	0.57255 AU
morning rise	-205 Mar 26 j 04:56	18°♓06'16	
desc. node	-205 Mar 27 j 15:52	17°♓33'58	
direct	-205 Mar 31 j 13:47	16°♓56'43	
morning max el	-205 Apr 14 j 21:19	24°♓24'19	25°56'17
	-205 Apr 20 j 00:06	0°♈	
	-205 May 08 j 16:53	0°♉	
morning set	-205 May 12 j 20:31	8°♉28'33	
asc. node	-205 May 14 j 20:20	12°♉42'58	
superior conj	-205 May 19 j 20:27	23°♉37'23	0°50'43
minimum elong	-205 May 19 j 18:26	23°♉26'22	0°50'20
max. Earth dist.	-205 May 20 j 12:13	25°♉03'42	1.32553 AU
	-205 May 22 j 18:38	0°♊	
evening rise	-205 May 26 j 21:17	8°♊43'45	
	-205 Jun 07 j 01:52	0°♋	
desc. node	-205 Jun 23 j 15:11	23°♋34'06	
evening max el	-205 Jun 27 j 01:01	27°♋05'02	27°05'21
	-205 Jun 30 j 10:05	0°♌	
retrograde	-205 Jul 10 j 23:08	4°♌22'22	
evening set	-205 Jul 17 j 23:40	2°♌08'26	
	-205 Jul 20 j 22:20	30°℞♋	
min. Earth dist.	-205 Jul 21 j 15:10	29°♋25'04	0.61344 AU
inferior conj	-205 Jul 24 j 19:14	26°♋37'50	-4°23'27
minimum elong	-205 Jul 24 j 23:07	26°♋29'15	4°22'52
morning rise	-205 Aug 01 j 00:13	21°♋44'51	
direct	-205 Aug 03 j 11:37	21°♋19'37	
morning max el	-205 Aug 10 j 12:16	24°♋49'25	17°59'41
asc. node	-205 Aug 10 j 19:34	25°♋07'31	
	-205 Aug 14 j 19:01	0°♌	
morning set	-205 Aug 26 j 10:35	19°♌55'30	
	-205 Aug 31 j 22:47	0°♍	
superior conj	-205 Sep 05 j 17:35	8°♍31'23	1°23'35
minimum elong	-205 Sep 05 j 22:07	8°♍51'15	1°23'09
max. Earth dist.	-205 Sep 13 j 06:05	21°♍20'27	1.42201 AU
	-205 Sep 18 j 13:51	0°♎	
evening rise	-205 Sep 19 j 11:56	1°♎27'53	
desc. node	-205 Sep 19 j 14:33	1°♎38'15	
	-205 Oct 08 j 13:16	0°♏	
evening max el	-205 Oct 22 j 01:20	16°♏57'21	22°12'31
retrograde	-205 Oct 31 j 12:20	22°♏34'47	
evening set	-205 Nov 04 j 23:46	20°♏47'16	
asc. node	-205 Nov 06 j 18:46	19°♏03'36	
inferior conj	-205 Nov 10 j 08:02	14°♏28'55	1°12'04
minimum elong	-205 Nov 10 j 06:26	14°♏34'26	1°11'25
min. Earth dist.	-205 Nov 10 j 07:59	14°♏29'05	0.67635 AU
morning rise	-205 Nov 15 j 12:57	8°♏16'37	
direct	-205 Nov 20 j 05:57	6°♏19'08	
morning max el	-205 Nov 29 j 20:14	12°♏00'14	22°28'44
	-205 Dec 14 j 02:29	0°♐	
desc. node	-205 Dec 16 j 13:47	3°♐32'16	
morning set	-204 Jan 02 j 12:15	29°♐35'56	
	-204 Jan 02 j 18:09	0°♑	
max. Earth dist.	-204 Jan 07 j 16:18	8°♑11'31	1.40568 AU
superior conj	-204 Jan 15 j 11:47	21°♑50'26	-2°00'23
minimum elong	-204 Jan 15 j 13:15	21°♑57'02	2°00'21
	-204 Jan 19 j 22:53	0°♒	
evening rise	-204 Jan 25 j 12:39	10°♒27'04	
asc. node	-204 Feb 02 j 18:04	25°♒25'36	
	-204 Feb 05 j 14:45	0°♓	
evening max el	-204 Feb 10 j 18:38	6°♓28'16	18°20'32
retrograde	-204 Feb 18 j 00:21	10°♓03'25	
evening set	-204 Feb 20 j 12:48	9°♓38'31	
inferior conj	-204 Feb 27 j 17:02	5°♓00'08	3°24'43
minimum elong	-204 Feb 27 j 20:14	4°♓53'24	3°24'12
min. Earth dist.	-204 Mar 02 j 03:16	2°♓08'32	0.59239 AU
	-204 Mar 05 j 02:49	30°℞♒	
morning rise	-204 Mar 06 j 01:18	29°♒26'47	
direct	-204 Mar 12 j 09:24	27°♒39'31	
desc. node	-204 Mar 13 j 12:56	27°♒42'58	
	-204 Mar 19 j 22:51	0°♓	
morning max el	-204 Mar 26 j 16:50	5°♓21'53	27°06'18
	-204 Apr 13 j 22:14	0°♈	
morning set	-204 Apr 26 j 06:01	23°♈18'21	
	-204 Apr 29 j 09:39	0°♉	
asc. node	-204 Apr 30 j 17:22	2°♉51'53	
superior conj	-204 May 03 j 08:12	8°♉35'53	0°27'25
minimum elong	-204 May 03 j 07:01	8°♉29'20	0°27'09
max. Earth dist.	-204 May 03 j 00:57	7°♉56'05	1.32339 AU
evening rise	-204 May 10 j 06:02	23°♉34'08	
	-204 May 13 j 08:59	0°♊	
	-204 May 31 j 07:22	0°♋	
evening max el	-204 Jun 08 j 00:53	8°♋49'04	26°12'44
desc. node	-204 Jun 09 j 12:13	10°♋09'51	
retrograde	-204 Jun 22 j 01:43	16°♋02'24	
evening set	-204 Jun 28 j 09:50	14°♋23'34	
min. Earth dist.	-204 Jul 02 j 13:48	11°♋45'22	0.59290 AU
inferior conj	-204 Jul 05 j 21:52	9°♋12'26	-4°43'16
minimum elong	-204 Jul 05 j 22:54	9°♋10'26	4°43'14
morning rise	-204 Jul 13 j 14:08	4°♋41'46	
direct	-204 Jul 16 j 02:08	4°♋20'07	
morning max el	-204 Jul 23 j 21:17	8°♋04'28	18°25'40
asc. node	-204 Jul 27 j 16:37	12°♋28'37	
	-204 Aug 07 j 01:17	0°♌	
morning set	-204 Aug 08 j 23:35	3°♌40'53	
superior conj	-204 Aug 18 j 01:51	20°♌55'52	1°40'47
minimum elong	-204 Aug 18 j 04:25	21°♌07'40	1°40'37
	-204 Aug 23 j 02:14	0°♍	
max. Earth dist.	-204 Aug 25 j 12:05	4°♍12'52	1.40293 AU
evening rise	-204 Aug 29 j 22:48	11°♍45'00	
desc. node	-204 Sep 05 j 11:35	22°♍17'41	
	-204 Sep 10 j 11:52	0°♎	
	-204 Oct 03 j 04:13	0°♏	
evening max el	-204 Oct 03 j 15:44	0°♏29'07	23°32'28
retrograde	-204 Oct 14 j 05:17	6°♏43'20	
evening set	-204 Oct 19 j 06:17	4°♏37'41	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-204 Oct 23 j 08:29	30°℞♎	
asc. node	-204 Oct 23 j 15:49	29°♎35'21	
min. Earth dist.	-204 Oct 24 j 04:35	28°♎51'57	0.67616 AU
inferior conj	-204 Oct 24 j 15:04	28°♎16'09	0°20'02
minimum elong	-204 Oct 24 j 14:35	28°♎17'47	0°19'49
morning rise	-204 Oct 29 j 22:49	22°♎07'48	
direct	-204 Nov 03 j 01:44	20°♎32'38	
morning max el	-204 Nov 11 j 12:46	25°♎29'02	21°07'07
	-204 Nov 15 j 13:01	0°♏	
desc. node	-204 Dec 02 j 10:51	23°♏43'41	
	-204 Dec 06 j 14:07	0°♐	
morning set	-204 Dec 11 j 21:09	8°♐11'58	
max. Earth dist.	-204 Dec 19 j 19:34	20°♐53'30	1.42509 AU
	-204 Dec 25 j 07:12	0°♑	
superior conj	-204 Dec 26 j 22:52	2°♑48'21	-1°59'09
minimum elong	-204 Dec 26 j 20:14	2°♑37'04	1°59'04
evening rise	-203 Jan 07 j 10:28	23°♑01'07	
	-203 Jan 11 j 07:49	0°♒	
asc. node	-203 Jan 19 j 15:07	13°♒48'29	
evening max el	-203 Jan 24 j 05:15	19°♒30'17	18°07'52
retrograde	-203 Jan 30 j 21:01	22°♒55'40	
evening set	-203 Feb 02 j 13:58	22°♒21'49	
inferior conj	-203 Feb 09 j 03:55	17°♒22'00	3°48'26
minimum elong	-203 Feb 09 j 04:50	17°♒19'45	3°48'24
min. Earth dist.	-203 Feb 12 j 06:18	14°♒22'42	0.61337 AU
morning rise	-203 Feb 15 j 18:16	11°♒31'39	
direct	-203 Feb 22 j 15:26	9°♒10'02	
desc. node	-203 Feb 28 j 09:58	10°♒39'04	
morning max el	-203 Mar 08 j 18:49	16°♒59'43	27°42'52
	-203 Mar 19 j 13:40	0°♓	
	-203 Apr 06 j 12:37	0°♈	
morning set	-203 Apr 10 j 11:38	7°♈54'17	
max. Earth dist.	-203 Apr 16 j 12:34	20°♈42'23	1.32494 AU
superior conj	-203 Apr 17 j 19:04	23°♈28'29	0°02'04
minimum elong	-203 Apr 17 j 18:58	23°♈27'58	0°02'02
behind sun begin	-203 Apr 17 j 13:55	23°♈00'25	
behind sun end	-203 Apr 18 j 00:01	23°♈55'32	
asc. node	-203 Apr 17 j 14:25	23°♈03'08	
	-203 Apr 20 j 18:43	0°♉	
evening rise	-203 Apr 24 j 17:16	8°♉29'08	
	-203 May 05 j 22:13	0°♊	
evening max el	-203 May 20 j 18:08	19°♊49'52	24°53'14
desc. node	-203 May 27 j 09:14	24°♊52'11	
retrograde	-203 Jun 03 j 17:39	26°♊55'30	
evening set	-203 Jun 08 j 20:56	25°♊55'21	
min. Earth dist.	-203 Jun 14 j 05:38	23°♊05'04	0.57336 AU
inferior conj	-203 Jun 17 j 05:06	21°♊06'48	-4°33'03
minimum elong	-203 Jun 17 j 01:35	21°♊12'41	4°32'41
morning rise	-203 Jun 25 j 09:00	16°♊57'30	
direct	-203 Jun 27 j 22:54	16°♊38'23	
morning max el	-203 Jul 06 j 22:29	20°♊49'42	19°12'27
	-203 Jul 14 j 03:28	0°♋	
asc. node	-203 Jul 14 j 13:40	0°♋40'36	
morning set	-203 Jul 23 j 21:59	17°♋54'38	
	-203 Jul 29 j 23:58	0°♌	
superior conj	-203 Aug 01 j 04:04	4°♌14'38	1°47'07
minimum elong	-203 Aug 01 j 04:30	4°♌16'43	1°47'06
max. Earth dist.	-203 Aug 07 j 15:18	16°♌25'06	1.38275 AU
evening rise	-203 Aug 11 j 10:33	23°♌12'26	
	-203 Aug 15 j 09:45	0°♍	
desc. node	-203 Aug 23 j 08:37	12°♍47'03	
	-203 Sep 04 j 07:09	0°♎	
evening max el	-203 Sep 16 j 03:36	14°♎03'45	24°50'56
retrograde	-203 Sep 27 j 18:17	20°♎49'04	
evening set	-203 Oct 03 j 09:53	18°♎25'54	
min. Earth dist.	-203 Oct 07 j 23:30	13°♎14'36	0.67275 AU
inferior conj	-203 Oct 08 j 20:33	12°♎04'58	-0°34'47
minimum elong	-203 Oct 08 j 21:25	12°♎02'07	0°34'25
asc. node	-203 Oct 10 j 12:53	9°♎54'24	
morning rise	-203 Oct 14 j 09:01	6°♎03'11	
direct	-203 Oct 17 j 23:32	4°♎48'17	
morning max el	-203 Oct 25 j 12:58	9°♎08'18	19°56'49
	-203 Nov 10 j 00:46	0°♏	
desc. node	-203 Nov 19 j 07:54	14°♏09'59	
morning set	-203 Nov 20 j 17:43	16°♏20'30	
	-203 Nov 29 j 11:35	0°♐	
max. Earth dist.	-203 Dec 02 j 06:28	4°♐25'24	1.44000 AU
superior conj	-203 Dec 07 j 07:14	12°♐31'27	-1°41'10
minimum elong	-203 Dec 07 j 00:00	12°♐02'06	1°40'35
	-203 Dec 17 j 19:26	0°♑	
evening rise	-203 Dec 20 j 14:12	4°♑44'36	
	-202 Jan 05 j 07:47	0°♒	
asc. node	-202 Jan 06 j 12:11	1°♒25'43	
evening max el	-202 Jan 07 j 17:43	2°♒45'33	18°14'27
retrograde	-202 Jan 14 j 05:29	6°♒14'23	
evening set	-202 Jan 17 j 02:48	5°♒30'47	
inferior conj	-202 Jan 23 j 05:57	0°♒10'54	3°48'36
minimum elong	-202 Jan 23 j 04:54	0°♒13'48	3°48'33
	-202 Jan 23 j 09:56	30°℞♑	
min. Earth dist.	-202 Jan 25 j 18:33	27°♑25'46	0.63278 AU
morning rise	-202 Jan 29 j 06:13	24°♑09'54	
direct	-202 Feb 05 j 06:00	21°♑25'31	
desc. node	-202 Feb 15 j 07:02	25°♑52'06	
morning max el	-202 Feb 19 j 02:00	29°♑17'09	27°42'26
	-202 Feb 19 j 18:58	0°♒	
	-202 Mar 13 j 10:52	0°♓	
morning set	-202 Mar 25 j 10:59	22°♓07'52	
	-202 Mar 29 j 07:12	0°♈	
max. Earth dist.	-202 Mar 30 j 18:49	3°♈07'24	1.33031 AU
superior conj	-202 Apr 02 j 03:15	8°♈08'43	-0°24'32
minimum elong	-202 Apr 02 j 04:25	8°♈15'01	0°24'17
asc. node	-202 Apr 04 j 11:28	13°♈12'07	
evening rise	-202 Apr 09 j 05:03	23°♈21'16	
	-202 Apr 12 j 10:14	0°♉	
	-202 May 01 j 22:11	0°♊	
evening max el	-202 May 02 j 08:35	0°♊25'26	23°19'28
desc. node	-202 May 14 j 06:14	7°♊04'43	
retrograde	-202 May 15 j 21:32	7°♊10'49	
evening set	-202 May 19 j 13:53	6°♊41'01	
min. Earth dist.	-202 May 26 j 18:37	3°♊24'46	0.55807 AU
inferior conj	-202 May 28 j 16:28	2°♊17'10	-3°40'46
minimum elong	-202 May 28 j 09:27	2°♊27'33	3°39'08
	-202 Jun 01 j 19:32	30°℞♉	
morning rise	-202 Jun 06 j 07:44	28°♉21'54	
direct	-202 Jun 09 j 00:21	28°♉04'15	
	-202 Jun 15 j 15:57	0°♊	
morning max el	-202 Jun 19 j 13:30	2°♊57'00	20°20'07
asc. node	-202 Jul 01 j 10:43	19°♊31'44	
	-202 Jul 06 j 21:26	0°♋	
morning set	-202 Jul 08 j 02:52	2°♋29'09	
superior conj	-202 Jul 15 j 19:13	18°♋13'26	1°44'48
minimum elong	-202 Jul 15 j 18:01	18°♋07'23	1°44'45
max. Earth dist.	-202 Jul 20 j 20:52	28°♋14'42	1.36394 AU
	-202 Jul 21 j 18:51	0°♌	
evening rise	-202 Jul 24 j 20:24	5°♌44'28	
	-202 Aug 08 j 05:54	0°♍	
desc. node	-202 Aug 10 j 05:38	3°♍01'01	
evening max el	-202 Aug 29 j 14:59	27°♍40'10	26°00'30

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-202 Sep 01 j 04:16	0°♎	
retrograde	-202 Sep 11 j 02:44	4°♎47'05	
evening set	-202 Sep 17 j 08:43	2°♎09'40	
	-202 Sep 19 j 13:18	30°℞♍	
min. Earth dist.	-202 Sep 21 j 14:24	27°♍34'37	0.66601 AU
inferior conj	-202 Sep 22 j 22:43	25°♍53'14	-1°30'47
minimum elong	-202 Sep 23 j 01:00	25°♍46'02	1°29'51
asc. node	-202 Sep 27 j 09:56	20°♍58'02	
morning rise	-202 Sep 28 j 17:37	20°♍00'47	
direct	-202 Oct 01 j 21:52	19°♍02'49	
morning max el	-202 Oct 08 j 20:22	22°♍56'20	19°00'57
	-202 Oct 14 j 14:28	0°♎	
morning set	-202 Oct 31 j 02:37	25°♎12'39	
	-202 Nov 03 j 03:50	0°♏	
desc. node	-202 Nov 06 j 04:57	4°♏46'51	
max. Earth dist.	-202 Nov 14 j 22:31	18°♏29'32	1.44856 AU
superior conj	-202 Nov 16 j 15:53	21°♏12'36	-1°05'04
minimum elong	-202 Nov 16 j 08:15	20°♏42'30	1°04'10
	-202 Nov 22 j 04:54	0°♐	
evening rise	-202 Dec 01 j 19:48	15°♐30'51	
	-202 Dec 10 j 17:35	0°♑	
evening max el	-202 Dec 22 j 05:27	16°♑08'51	18°39'26
asc. node	-202 Dec 24 j 09:12	18°♑04'45	
retrograde	-202 Dec 28 j 21:28	19°♑52'03	
evening set	-202 Dec 31 j 23:59	18°♑57'36	
inferior conj	-201 Jan 06 j 19:20	13°♑19'48	3°31'52
minimum elong	-201 Jan 06 j 17:02	13°♑26'42	3°31'30
min. Earth dist.	-201 Jan 08 j 16:39	11°♑03'46	0.64904 AU
morning rise	-201 Jan 12 j 09:39	7°♑12'17	
direct	-201 Jan 19 j 03:52	4°♑19'52	
morning max el	-201 Feb 01 j 11:32	12°♑04'37	27°07'43
desc. node	-201 Feb 02 j 04:06	12°♑46'42	
	-201 Feb 15 j 20:19	0°♒	
	-201 Mar 05 j 23:29	0°♓	
morning set	-201 Mar 09 j 01:06	5°♓49'38	
max. Earth dist.	-201 Mar 13 j 15:46	14°♓59'51	1.33995 AU
superior conj	-201 Mar 17 j 06:47	22°♓30'23	-0°51'16
minimum elong	-201 Mar 17 j 09:14	22°♓43'13	0°50'48
	-201 Mar 20 j 19:49	0°♈	
asc. node	-201 Mar 22 j 08:31	3°♈14'40	
evening rise	-201 Mar 24 j 15:35	8°♈04'28	
	-201 Apr 05 j 09:24	0°♉	
evening max el	-201 Apr 14 j 03:27	11°♉06'26	21°46'10
retrograde	-201 Apr 26 j 14:14	17°♉11'04	
evening set	-201 Apr 29 j 03:36	16°♉56'25	
desc. node	-201 May 01 j 03:15	16°♉26'05	
inferior conj	-201 May 08 j 13:32	12°♉53'08	-2°04'52
minimum elong	-201 May 08 j 07:55	13°♉01'01	2°03'00
min. Earth dist.	-201 May 08 j 07:34	13°♉01'30	0.55040 AU
morning rise	-201 May 17 j 13:14	8°♉56'11	
direct	-201 May 20 j 12:40	8°♉36'37	
morning max el	-201 Jun 01 j 17:26	14°♉21'30	21°46'25
	-201 Jun 13 j 11:37	0°♊	
asc. node	-201 Jun 18 j 07:46	8°♊52'01	
morning set	-201 Jun 22 j 11:55	17°♊17'29	
	-201 Jun 28 j 12:49	0°♋	
superior conj	-201 Jun 29 j 19:18	2°♋39'53	1°35'44
minimum elong	-201 Jun 29 j 17:08	2°♋28'36	1°35'33
max. Earth dist.	-201 Jul 03 j 10:20	10°♋08'37	1.34830 AU
evening rise	-201 Jul 07 j 23:24	19°♋07'43	
	-201 Jul 13 j 20:28	0°♌	
desc. node	-201 Jul 28 j 02:37	22°♌52'02	
	-201 Aug 02 j 07:47	0°♍	
evening max el	-201 Aug 12 j 02:51	11°♍12'26	26°53'24
retrograde	-201 Aug 25 j 05:58	18°♍29'54	
evening set	-201 Sep 01 j 00:28	15°♍44'44	
min. Earth dist.	-201 Sep 04 j 22:56	11°♍46'48	0.65579 AU
inferior conj	-201 Sep 06 j 19:31	9°♍36'50	-2°26'07
minimum elong	-201 Sep 06 j 23:09	9°♍26'12	2°24'48
morning rise	-201 Sep 12 j 22:24	3°♍56'43	
asc. node	-201 Sep 14 j 06:58	3°♍24'16	
direct	-201 Sep 15 j 18:47	3°♍11'55	
morning max el	-201 Sep 22 j 08:59	6°♍48'01	18°21'07
	-201 Oct 08 j 06:33	0°♎	
morning set	-201 Oct 11 j 14:39	5°♎26'23	
desc. node	-201 Oct 24 j 01:58	25°♎29'52	
superior conj	-201 Oct 26 j 16:31	29°♎37'11	-0°17'03
minimum elong	-201 Oct 26 j 14:16	29°♎28'21	0°16'46
	-201 Oct 26 j 22:17	0°♏	
max. Earth dist.	-201 Oct 28 j 16:53	2°♏47'47	1.44988 AU
evening rise	-201 Nov 12 j 01:29	25°♏18'07	
	-201 Nov 15 j 01:25	0°♐	
greatest brilliancy	-201 Nov 22 j 22:56	12°♐17'52	-0.8m
evening max el	-201 Dec 05 j 14:10	29°♐36'03	19°21'38
	-201 Dec 05 j 23:37	0°♑	
asc. node	-201 Dec 11 j 06:14	3°♑30'43	
retrograde	-201 Dec 12 j 17:32	3°♑42'47	
evening set	-201 Dec 16 j 02:49	2°♑35'50	
	-201 Dec 19 j 00:09	30°℞♐	
inferior conj	-201 Dec 21 j 16:43	26°♐42'42	3°02'57
minimum elong	-201 Dec 21 j 13:55	26°♐51'42	3°02'14
min. Earth dist.	-201 Dec 22 j 23:27	25°♐03'42	0.66145 AU
morning rise	-201 Dec 27 j 00:45	20°♐31'21	
direct	-200 Jan 02 j 07:53	17°♐44'35	
morning max el	-200 Jan 14 j 20:54	25°♐09'32	26°05'56
	-200 Jan 19 j 07:05	0°♑	
desc. node	-200 Jan 20 j 01:10	0°♑53'36	
	-200 Feb 09 j 07:47	0°♒	
morning set	-200 Feb 20 j 01:56	18°♒47'26	
max. Earth dist.	-200 Feb 24 j 00:57	26°♒18'28	1.35418 AU
	-200 Feb 25 j 22:11	0°♓	
superior conj	-200 Feb 29 j 03:18	6°♓26'36	-1°16'44
minimum elong	-200 Feb 29 j 06:46	6°♓44'14	1°16'11
evening rise	-200 Mar 07 j 22:56	22°♓32'43	
asc. node	-200 Mar 08 j 05:33	23°♓06'33	
	-200 Mar 11 j 15:59	0°♈	
evening max el	-200 Mar 26 j 08:17	22°♈17'27	20°24'37
retrograde	-200 Apr 06 j 03:37	27°♈28'59	
evening set	-200 Apr 08 j 06:49	27°♈17'42	
inferior conj	-200 Apr 17 j 08:57	23°♈20'02	-0°06'12
minimum elong	-200 Apr 17 j 08:40	23°♈20'27	0°06'05
transit middle	-200 Apr 17 j 08:40	23°♈20'27	0°06'05
transit begin	-200 Apr 17 j 04:56	23°♈25'55	
transit end	-200 Apr 17 j 12:24	23°♈15'00	
desc. node	-200 Apr 17 j 00:17	23°♈32'41	
min. Earth dist.	-200 Apr 18 j 21:14	22°♈27'06	0.55225 AU
morning rise	-200 Apr 26 j 09:06	19°♈03'04	
direct	-200 Apr 30 j 00:58	18°♈33'56	
morning max el	-200 May 13 j 12:11	25°♈08'56	23°25'05
	-200 May 18 j 00:11	0°♉	
asc. node	-200 Jun 04 j 04:49	28°♉33'50	
	-200 Jun 04 j 21:33	0°♊	
morning set	-200 Jun 05 j 23:18	2°♊14'17	
superior conj	-200 Jun 13 j 01:25	17°♊24'58	1°21'23
minimum elong	-200 Jun 12 j 22:55	17°♊11'34	1°21'04
max. Earth dist.	-200 Jun 15 j 09:41	22°♊24'37	1.33652 AU
	-200 Jun 19 j 01:26	0°♋	
evening rise	-200 Jun 20 j 15:01	3°♋09'20	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-200 Jul 05 j 15:43	0°♌		
desc. node	-200 Jul 13 j 23:36	12°♌10'26		
evening max el	-200 Jul 24 j 14:21	24°♌30'22	27°22'06	
	-200 Jul 31 j 18:57	0°♍		
retrograde	-200 Aug 07 j 03:21	1°♍49'52		
	-200 Aug 12 j 23:50	30°℞♌		
evening set	-200 Aug 14 j 06:22	29°♌06'42		
min. Earth dist.	-200 Aug 17 j 22:55	25°♌44'04	0.64200 AU	
inferior conj	-200 Aug 20 j 08:35	23°♌11'07	-3°18'12	
minimum elong	-200 Aug 20 j 13:09	22°♌58'57	3°16'50	
morning rise	-200 Aug 26 j 20:49	17°♌46'42		
direct	-200 Aug 29 j 11:53	17°♌11'35		
asc. node	-200 Aug 31 j 04:02	17°♌25'58		
morning max el	-200 Sep 05 j 00:19	20°♌38'23	17°58'24	
	-200 Sep 12 j 01:46	0°♍		
morning set	-200 Sep 22 j 06:14	17°♍00'18		
	-200 Sep 29 j 23:01	0°♎		
superior conj	-200 Oct 05 j 07:00	8°♎45'46	0°30'32	
minimum elong	-200 Oct 05 j 10:21	8°♎59'22	0°30'05	
desc. node	-200 Oct 09 j 22:58	16°♎15'54		
max. Earth dist.	-200 Oct 10 j 10:51	17°♎03'13	1.44393 AU	
	-200 Oct 18 j 16:50	0°♏		
evening rise	-200 Oct 21 j 12:41	4°♏22'15		
	-200 Nov 07 j 13:42	0°♐		
evening max el	-200 Nov 17 j 18:03	13°♐04'10	20°18'59	
retrograde	-200 Nov 25 j 15:06	17°♐42'15		
asc. node	-200 Nov 27 j 03:16	17°♐29'18		
evening set	-200 Nov 29 j 09:01	16°♐20'50		
inferior conj	-200 Dec 04 j 19:25	10°♐15'09	2°24'59	
minimum elong	-200 Dec 04 j 16:44	10°♐24'13	2°24'06	
min. Earth dist.	-200 Dec 05 j 13:04	9°♐15'39	0.67001 AU	
morning rise	-200 Dec 10 j 00:16	4°♐01'59		
direct	-200 Dec 15 j 17:09	1°♐30'47		
morning max el	-200 Dec 27 j 05:17	8°♐22'02	24°46'20	
desc. node	-199 Jan 05 j 22:12	19°♐51'11		
	-199 Jan 13 j 05:23	0°♑		
	-199 Jan 31 j 21:53	0°♒		
morning set	-199 Feb 01 j 08:03	0°♒44'54		
max. Earth dist.	-199 Feb 04 j 23:58	7°♒20'59	1.37259 AU	
superior conj	-199 Feb 11 j 13:36	19°♒47'27	-1°38'58	
minimum elong	-199 Feb 11 j 17:25	20°♒06'06	1°38'32	
	-199 Feb 16 j 17:16	0°♓		
evening rise	-199 Feb 20 j 00:50	6°♓38'31		
asc. node	-199 Feb 23 j 02:35	12°♓42'05		
	-199 Mar 05 j 09:55	0°♈		
evening max el	-199 Mar 09 j 00:12	4°♈05'32	19°20'42	
retrograde	-199 Mar 18 j 03:03	8°♈28'24		
evening set	-199 Mar 20 j 07:40	8°♈14'19		
inferior conj	-199 Mar 28 j 16:30	4°♈06'12	1°41'41	
minimum elong	-199 Mar 28 j 20:17	3°♈59'57	1°40'29	
min. Earth dist.	-199 Mar 31 j 11:56	2°♈15'31	0.56316 AU	
desc. node	-199 Apr 03 j 21:20	0°♈18'09		
	-199 Apr 04 j 12:26	30°℞♓		
morning rise	-199 Apr 06 j 06:07	29°♓17'23		
direct	-199 Apr 10 j 23:14	28°♓26'35		
	-199 Apr 17 j 08:45	0°♈		
morning max el	-199 Apr 25 j 02:49	5°♈38'34	25°04'39	
	-199 May 12 j 16:13	0°♉		
morning set	-199 May 21 j 11:17	17°♉13'01		
asc. node	-199 May 22 j 01:52	18°♉30'04		
	-199 May 27 j 09:28	0°♊		
superior conj	-199 May 28 j 11:12	2°♊20'17	1°02'54	
minimum elong	-199 May 28 j 08:53	2°♊07'39	1°02'30	
max. Earth dist.	-199 May 29 j 16:57	5°♊02'06	1.32854 AU	
evening rise	-199 Jun 04 j 15:29	17°♊36'54		
	-199 Jun 10 j 23:15	0°♋		
	-199 Jun 30 j 06:45	0°♌		
desc. node	-199 Jun 30 j 20:37	0°♌42'18		
evening max el	-199 Jul 06 j 23:11	7°♌20'06	27°20'49	
retrograde	-199 Jul 20 j 18:16	14°♌38'02		
evening set	-199 Jul 27 j 22:48	12°♌09'22		
min. Earth dist.	-199 Jul 31 j 12:42	9°♌15'28	0.62471 AU	
inferior conj	-199 Aug 03 j 11:00	6°♌29'14	-4°03'08	
minimum elong	-199 Aug 03 j 15:35	6°♌18'21	4°02'10	
morning rise	-199 Aug 10 j 09:40	1°♌24'02		
direct	-199 Aug 12 j 21:52	0°♌55'45		
asc. node	-199 Aug 18 j 01:05	2°♌56'49		
morning max el	-199 Aug 19 j 15:38	4°♌21'32	17°53'49	
morning set	-199 Sep 04 j 19:55	29°♌37'44		
	-199 Sep 05 j 00:53	0°♍		
superior conj	-199 Sep 15 j 23:58	19°♍13'30	1°07'59	
minimum elong	-199 Sep 16 j 05:00	19°♍34'54	1°07'25	
	-199 Sep 22 j 11:12	0°♎		
max. Earth dist.	-199 Sep 23 j 01:30	0°♎58'14	1.43146 AU	
desc. node	-199 Sep 26 j 19:58	7°♎02'08		
evening rise	-199 Sep 30 j 20:18	13°♎21'30		
	-199 Oct 11 j 19:04	0°♏		
evening max el	-199 Oct 31 j 16:08	26°♏32'31	21°28'33	
	-199 Nov 04 j 15:46	0°♐		
retrograde	-199 Nov 09 j 12:08	1°♐47'39		
evening set	-199 Nov 13 j 16:41	0°♐09'55		
	-199 Nov 13 j 21:37	30°℞♏		
asc. node	-199 Nov 14 j 00:19	29°♏54'21		
inferior conj	-199 Nov 19 j 01:16	23°♏55'01	1°40'13	
minimum elong	-199 Nov 18 j 23:10	24°♏02'16	1°39'25	
min. Earth dist.	-199 Nov 19 j 07:18	23°♏34'11	0.67496 AU	
morning rise	-199 Nov 24 j 05:31	17°♏41'52		
direct	-199 Nov 29 j 07:05	15°♏31'41		
morning max el	-199 Dec 09 j 14:25	21°♏39'31	23°18'58	
	-199 Dec 16 j 19:21	0°♐		
desc. node	-199 Dec 23 j 19:14	9°♐24'59		
	-198 Jan 06 j 12:52	0°♑		
morning set	-198 Jan 13 j 13:14	11°♑26'18		
max. Earth dist.	-198 Jan 17 j 19:20	18°♑42'34	1.39350 AU	
	-198 Jan 24 j 02:46	0°♒		
superior conj	-198 Jan 25 j 09:37	2°♒22'31	-1°55'11	
minimum elong	-198 Jan 25 j 12:31	2°♒35'55	1°55'02	
evening rise	-198 Feb 03 j 18:35	20°♒14'58		
	-198 Feb 08 j 22:09	0°♓		
asc. node	-198 Feb 09 j 23:38	1°♓55'31		
evening max el	-198 Feb 20 j 01:40	16°♓28'28	18°36'39	
retrograde	-198 Feb 27 j 20:44	20°♓16'44		
evening set	-198 Mar 02 j 06:10	19°♓56'28		
inferior conj	-198 Mar 09 j 20:10	15°♓29'51	2°57'15	
minimum elong	-198 Mar 10 j 00:19	15°♓21'50	2°56'19	
min. Earth dist.	-198 Mar 13 j 05:30	12°♓54'15	0.58065 AU	
morning rise	-198 Mar 17 j 15:40	10°♓09'56		
desc. node	-198 Mar 21 j 18:24	8°♓52'22		
direct	-198 Mar 23 j 11:09	8°♓45'04		
morning max el	-198 Apr 06 j 19:36	16°♓19'51	26°29'38	
	-198 Apr 17 j 23:24	0°♈		
	-198 May 04 j 21:38	0°♉		
morning set	-198 May 05 j 22:13	2°♉08'05		
asc. node	-198 May 08 j 22:55	8°♉35'45		
superior conj	-198 May 12 j 22:45	17°♉19'25	0°41'08	
minimum elong	-198 May 12 j 21:03	17°♉10'03	0°40'47	
max. Earth dist.	-198 May 13 j 04:48	17°♉52'39	1.32424 AU	
	-198 May 18 j 19:04	0°♊		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-198 May 19 j 21:54	2°♊21'10	
	-198 Jun 03 j 21:49	0°♋	
desc. node	-198 Jun 17 j 17:39	18°♋07'58	
evening max el	-198 Jun 19 j 02:40	19°♋29'20	26°46'34
retrograde	-198 Jul 03 j 01:58	26°♋45'16	
evening set	-198 Jul 09 j 21:19	24°♋44'45	
min. Earth dist.	-198 Jul 13 j 16:14	22°♋06'06	0.60480 AU
inferior conj	-198 Jul 16 j 23:21	19°♋22'17	-4°34'45
minimum elong	-198 Jul 17 j 02:17	19°♋16'08	4°34'26
morning rise	-198 Jul 24 j 09:08	14°♋39'01	
direct	-198 Jul 26 j 20:38	14°♋15'28	
morning max el	-198 Aug 03 j 03:54	17°♋49'44	18°08'20
asc. node	-198 Aug 04 j 22:09	19°♋42'11	
	-198 Aug 11 j 21:53	0°♌	
morning set	-198 Aug 19 j 01:47	13°♌01'49	
	-198 Aug 28 j 06:04	0°♍	
superior conj	-198 Aug 28 j 19:22	0°♍59'45	1°32'21
minimum elong	-198 Aug 28 j 23:10	1°♍16'43	1°32'02
max. Earth dist.	-198 Sep 05 j 10:23	14°♍15'00	1.41413 AU
evening rise	-198 Sep 10 j 17:53	23°♍00'53	
desc. node	-198 Sep 13 j 16:59	27°♍44'58	
	-198 Sep 15 j 03:20	0°♎	
	-198 Oct 05 j 20:32	0°♏	
evening max el	-198 Oct 14 j 08:41	10°♏01'31	22°46'16
retrograde	-198 Oct 24 j 07:03	15°♏55'35	
evening set	-198 Oct 29 j 00:05	14°♏00'13	
asc. node	-198 Oct 31 j 21:23	10°♏57'06	
inferior conj	-198 Nov 03 j 08:22	7°♏39'46	0°50'23
minimum elong	-198 Nov 03 j 07:13	7°♏43'45	0°49'55
min. Earth dist.	-198 Nov 03 j 03:47	7°♏55'37	0.67659 AU
morning rise	-198 Nov 08 j 14:15	1°♏28'52	
	-198 Nov 11 j 03:44	30°℞♎	
direct	-198 Nov 13 j 00:59	29°♎41'14	
	-198 Nov 15 j 00:17	0°♏	
morning max el	-198 Nov 22 j 03:22	5°♏03'03	21°52'58
desc. node	-198 Dec 10 j 16:16	29°♏24'21	
	-198 Dec 11 j 01:57	0°♐	
morning set	-198 Dec 24 j 13:12	20°♐42'57	
	-198 Dec 30 j 05:57	0°♑	
max. Earth dist.	-198 Dec 30 j 17:53	0°♑49'35	1.41427 AU
superior conj	-197 Jan 07 j 10:12	13°♑58'32	-2°01'39
minimum elong	-197 Jan 07 j 10:10	13°♑58'20	2°01'39
	-197 Jan 16 j 06:53	0°♒	
evening rise	-197 Jan 18 j 00:45	3°♒13'27	
asc. node	-197 Jan 27 j 20:41	20°♒39'07	
evening max el	-197 Feb 03 j 09:47	29°♒18'15	18°12'46
	-197 Feb 04 j 03:41	0°♓	
retrograde	-197 Feb 10 j 08:28	2°♓47'47	
evening set	-197 Feb 12 j 22:44	2°♓19'21	
	-197 Feb 16 j 22:30	30°℞♒	
inferior conj	-197 Feb 19 j 20:28	27°♒31'56	3°38'07
minimum elong	-197 Feb 19 j 22:43	27°♒26'51	3°37'52
min. Earth dist.	-197 Feb 23 j 04:31	24°♒33'46	0.60129 AU
morning rise	-197 Feb 26 j 20:41	21°♒50'01	
direct	-197 Mar 05 j 11:32	19°♒47'00	
desc. node	-197 Mar 08 j 15:27	20°♒13'39	
morning max el	-197 Mar 19 j 18:02	27°♒34'11	27°26'21
	-197 Mar 22 j 02:17	0°♓	
	-197 Apr 11 j 13:48	0°♈	
morning set	-197 Apr 20 j 06:22	16°♈53'21	
asc. node	-197 Apr 25 j 19:59	28°♈46'30	
	-197 Apr 26 j 09:26	0°♉	
max. Earth dist.	-197 Apr 26 j 17:28	0°♉43'58	1.32354 AU
superior conj	-197 Apr 27 j 10:23	2°♉16'34	0°16'53
minimum elong	-197 Apr 27 j 09:37	2°♉12'25	0°16'42
evening rise	-197 May 04 j 07:58	17°♉14'31	
	-197 May 10 j 16:07	0°♊	
	-197 May 31 j 01:22	0°♋	
evening max el	-197 May 31 j 23:25	0°♋54'02	25°41'33
desc. node	-197 Jun 04 j 14:41	4°♋00'25	
retrograde	-197 Jun 15 j 00:47	8°♋05'54	
evening set	-197 Jun 20 j 21:52	6°♋43'37	
min. Earth dist.	-197 Jun 25 j 11:44	4°♋02'09	0.58425 AU
inferior conj	-197 Jun 28 j 18:06	1°♋41'18	-4°43'24
minimum elong	-197 Jun 28 j 17:20	1°♋42'43	4°43'23
	-197 Jul 01 j 04:06	30°℞♊	
morning rise	-197 Jul 06 j 15:21	27°♊20'21	
direct	-197 Jul 09 j 03:51	27°♊00'03	
	-197 Jul 16 j 09:35	0°♋	
morning max el	-197 Jul 17 j 10:06	0°♋54'22	18°42'59
asc. node	-197 Jul 22 j 19:12	7°♋27'03	
morning set	-197 Aug 02 j 19:14	27°♋00'42	
	-197 Aug 04 j 08:00	0°♌	
superior conj	-197 Aug 11 j 12:02	13°♌49'56	1°44'39
minimum elong	-197 Aug 11 j 13:40	13°♌57'34	1°44'35
max. Earth dist.	-197 Aug 18 j 14:11	26°♌47'25	1.39430 AU
	-197 Aug 20 j 10:12	0°♍	
evening rise	-197 Aug 22 j 15:29	3°♍48'33	
desc. node	-197 Aug 31 j 14:02	18°♍20'52	
	-197 Sep 08 j 07:55	0°♎	
evening max el	-197 Sep 26 j 21:38	23°♎34'12	24°06'26
	-197 Oct 07 j 01:27	0°♏	
retrograde	-197 Oct 07 j 22:33	0°♏03'17	
	-197 Oct 08 j 19:12	30°℞♎	
evening set	-197 Oct 13 j 05:34	27°♎50'07	
min. Earth dist.	-197 Oct 18 j 00:05	22°♎18'31	0.67509 AU
inferior conj	-197 Oct 18 j 14:58	21°♎28'08	-0°02'59
minimum elong	-197 Oct 18 j 15:02	21°♎27'54	0°02'57
transit middle	-197 Oct 18 j 15:02	21°♎27'54	0°02'57
transit begin	-197 Oct 18 j 12:21	21°♎36'59	
transit end	-197 Oct 18 j 17:43	21°♎18'50	
asc. node	-197 Oct 18 j 18:26	21°♎16'26	
morning rise	-197 Oct 24 j 00:29	15°♎21'58	
direct	-197 Oct 27 j 21:50	13°♎55'49	
morning max el	-197 Nov 04 j 23:02	18°♎36'00	20°35'29
	-197 Nov 14 j 03:28	0°♏	
desc. node	-197 Nov 27 j 13:19	19°♏42'25	
morning set	-197 Dec 03 j 13:54	28°♏57'54	
	-197 Dec 04 j 05:53	0°♐	
max. Earth dist.	-197 Dec 12 j 23:46	13°♐51'16	1.43209 AU
superior conj	-197 Dec 19 j 10:08	24°♐24'26	-1°53'46
minimum elong	-197 Dec 19 j 05:22	24°♐04'37	1°53'31
	-197 Dec 22 j 17:51	0°♑	
evening rise	-197 Dec 31 j 15:21	15°♑26'07	
	-196 Jan 09 j 00:28	0°♒	
asc. node	-196 Jan 14 j 17:44	8°♒43'45	
evening max el	-196 Jan 17 j 21:31	12°♒26'30	18°08'27
retrograde	-196 Jan 24 j 10:29	15°♒51'42	
evening set	-196 Jan 27 j 05:15	15°♒13'51	
inferior conj	-196 Feb 02 j 14:13	10°♒05'38	3°50'56
minimum elong	-196 Feb 02 j 14:14	10°♒05'37	3°50'57
min. Earth dist.	-196 Feb 05 j 11:21	7°♒09'43	0.62191 AU
morning rise	-196 Feb 08 j 22:04	4°♒10'13	
direct	-196 Feb 15 j 21:41	1°♒36'45	
desc. node	-196 Feb 23 j 12:30	4°♒11'47	
morning max el	-196 Feb 29 j 22:16	9°♒28'33	27°47'10
	-196 Mar 16 j 20:45	0°♓	
	-196 Apr 02 j 17:40	0°♈	
morning set	-196 Apr 03 j 09:36	1°♈20'39	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-196 Apr 09 j 03:04	13°♈21'50	1.32664 AU	
superior conj	-196 Apr 10 j 20:18	17°♈04'48	-0°09'08	
minimum elong	-196 Apr 10 j 20:44	17°♈07'08	0°09'02	
behind sun begin	-196 Apr 10 j 16:28	16°♈44'00		
behind sun end	-196 Apr 11 j 01:00	17°♈30'16		
asc. node	-196 Apr 11 j 17:01	18°♈57'20		
	-196 Apr 16 j 19:21	0°♉		
evening rise	-196 Apr 17 j 19:37	2°♉09'01		
	-196 May 03 j 01:44	0°♊		
evening max el	-196 May 12 j 14:57	11°♊41'53	24°14'23	
desc. node	-196 May 21 j 11:44	17°♊43'46		
retrograde	-196 May 26 j 11:52	18°♊40'53		
evening set	-196 May 31 j 00:02	17°♊55'39		
min. Earth dist.	-196 Jun 06 j 02:16	14°♊55'35	0.56611 AU	
inferior conj	-196 Jun 08 j 16:46	13°♊17'31	-4°16'34	
minimum elong	-196 Jun 08 j 11:23	13°♊26'01	4°15'43	
morning rise	-196 Jun 17 j 01:34	9°♊15'09		
direct	-196 Jun 19 j 16:21	8°♊56'52		
morning max el	-196 Jun 29 j 07:12	13°♊24'38	19°38'36	
asc. node	-196 Jul 08 j 16:15	25°♊57'10		
	-196 Jul 10 j 23:18	0°♋		
morning set	-196 Jul 16 j 20:43	11°♋24'14		
superior conj	-196 Jul 24 j 20:17	27°♋27'10	1°47'03	
minimum elong	-196 Jul 24 j 19:57	27°♋25'30	1°47'03	
	-196 Jul 26 j 03:23	0°♌		
max. Earth dist.	-196 Jul 30 j 17:36	8°♌46'41	1.37453 AU	
evening rise	-196 Aug 03 j 13:14	15°♌45'15		
	-196 Aug 11 j 21:48	0°♍		
desc. node	-196 Aug 17 j 11:04	8°♍44'26		
	-196 Sep 01 j 21:12	0°♎		
evening max el	-196 Sep 08 j 09:18	7°♎10'43	25°22'07	
retrograde	-196 Sep 20 j 09:39	14°♎06'09		
evening set	-196 Sep 26 j 07:22	11°♎36'42		
min. Earth dist.	-196 Sep 30 j 17:39	6°♎40'23	0.67033 AU	
inferior conj	-196 Oct 01 j 19:17	5°♎17'16	-0°58'28	
minimum elong	-196 Oct 01 j 20:45	5°♎12'31	0°57'51	
asc. node	-196 Oct 04 j 15:27	1°♎48'17		
	-196 Oct 06 j 12:05	30°℞♍		
morning rise	-196 Oct 07 j 10:16	29°♍18'51		
direct	-196 Oct 10 j 20:11	28°♍11'26		
	-196 Oct 15 j 11:13	0°♎		
morning max el	-196 Oct 18 j 02:20	2°♎18'56	19°31'03	
	-196 Nov 06 j 19:47	0°♏		
morning set	-196 Nov 11 j 12:52	7°♏17'08		
desc. node	-196 Nov 13 j 10:22	10°♏13'47		
max. Earth dist.	-196 Nov 24 j 13:16	27°♏39'35	1.44453 AU	
	-196 Nov 26 j 00:39	0°♐		
superior conj	-196 Nov 28 j 07:25	3°♐38'24	-1°27'54	
minimum elong	-196 Nov 27 j 23:14	3°♐05'40	1°27'06	
evening rise	-196 Dec 12 j 10:04	26°♐45'51		
	-196 Dec 14 j 08:23	0°♑		
evening max el	-196 Dec 31 j 10:03	25°♑46'24	18°22'57	
asc. node	-196 Dec 31 j 14:46	25°♑58'13		
retrograde	-195 Jan 06 j 22:30	29°♑19'43		
evening set	-195 Jan 09 j 22:01	28°♑31'31		
inferior conj	-195 Jan 15 j 21:30	23°♑03'47	3°43'15	
minimum elong	-195 Jan 15 j 19:50	23°♑08'34	3°43'04	
min. Earth dist.	-195 Jan 18 j 03:37	20°♑29'48	0.64016 AU	
morning rise	-195 Jan 21 j 17:05	16°♑59'57		
direct	-195 Jan 28 j 15:30	14°♑10'21		
desc. node	-195 Feb 09 j 09:32	20°♑12'13		
morning max el	-195 Feb 11 j 06:35	21°♑59'36	27°31'34	
	-195 Feb 18 j 07:41	0°♒		
	-195 Mar 10 j 00:30	0°♓		
morning set	-195 Mar 18 j 05:24	15°♓21'49		
max. Earth dist.	-195 Mar 23 j 05:46	25°♓33'59	1.33386 AU	
	-195 Mar 25 j 08:18	0°♈		
superior conj	-195 Mar 26 j 02:46	1°♈38'07	-0°35'55	
minimum elong	-195 Mar 26 j 04:29	1°♈47'18	0°35'33	
asc. node	-195 Mar 29 j 14:04	9°♈04'21		
evening rise	-195 Apr 02 j 07:05	16°♈58'24		
	-195 Apr 08 j 19:19	0°♉		
evening max el	-195 Apr 24 j 06:31	22°♉16'27	22°39'00	
retrograde	-195 May 07 j 09:58	28°♉46'07		
desc. node	-195 May 08 j 08:43	28°♉44'07		
evening set	-195 May 10 j 13:18	28°♉24'31		
min. Earth dist.	-195 May 18 j 14:49	24°♉53'56	0.55379 AU	
inferior conj	-195 May 19 j 20:53	24°♉11'02	-3°04'49	
minimum elong	-195 May 19 j 13:45	24°♉21'14	3°02'47	
morning rise	-195 May 28 j 16:21	20°♉17'19		
direct	-195 May 31 j 11:21	19°♉59'16		
morning max el	-195 Jun 11 j 17:18	25°♉13'07	20°54'42	
	-195 Jun 16 j 01:55	0°♊		
asc. node	-195 Jun 25 j 13:18	15°♊01'48		
morning set	-195 Jul 01 j 03:38	26°♊05'32		
	-195 Jul 03 j 00:59	0°♋		
superior conj	-195 Jul 08 j 15:37	11°♋38'46	1°41'40	
minimum elong	-195 Jul 08 j 13:56	11°♋30'08	1°41'35	
max. Earth dist.	-195 Jul 13 j 02:27	20°♋36'56	1.35694 AU	
evening rise	-195 Jul 17 j 06:59	28°♋40'38		
	-195 Jul 17 j 23:58	0°♌		
desc. node	-195 Aug 04 j 08:04	28°♌49'41		
	-195 Aug 05 j 03:17	0°♍		
evening max el	-195 Aug 21 j 21:02	20°♍46'47	26°25'28	
retrograde	-195 Sep 03 j 15:42	27°♍58'28		
evening set	-195 Sep 10 j 03:27	25°♍16'53		
min. Earth dist.	-195 Sep 14 j 06:04	20°♍57'42	0.66218 AU	
inferior conj	-195 Sep 15 j 19:25	19°♍03'54	-1°54'27	
minimum elong	-195 Sep 15 j 22:19	18°♍55'04	1°53'20	
morning rise	-195 Sep 21 j 17:33	13°♍16'20		
asc. node	-195 Sep 21 j 12:30	13°♍23'44		
direct	-195 Sep 24 j 18:15	12°♍24'17		
morning max el	-195 Oct 01 j 12:12	16°♍08'52	18°41'56	
	-195 Oct 11 j 18:45	0°♎		
morning set	-195 Oct 22 j 08:32	16°♎42'29		
	-195 Oct 30 j 17:48	0°♏		
desc. node	-195 Oct 31 j 07:23	0°♏53'35		
superior conj	-195 Nov 07 j 09:54	12°♏04'28	-0°45'26	
minimum elong	-195 Nov 07 j 04:05	11°♏41'33	0°44'42	
max. Earth dist.	-195 Nov 07 j 07:16	11°♏54'08	1.45007 AU	
	-195 Nov 18 j 18:21	0°♐		
evening rise	-195 Nov 23 j 05:24	7°♐06'43		
greatest brilliancy	-195 Nov 30 j 13:26	18°♐50'40	-0.8m	
	-195 Dec 07 j 18:14	0°♑		
evening max el	-195 Dec 14 j 20:44	9°♑11'38	18°55'21	
asc. node	-195 Dec 18 j 11:48	12°♑08'05		
retrograde	-195 Dec 21 j 16:39	13°♑03'44		
evening set	-195 Dec 24 j 21:55	12°♑04'00		
inferior conj	-195 Dec 30 j 14:38	6°♑19'06	3°20'52	
minimum elong	-195 Dec 30 j 12:03	6°♑27'08	3°20'20	
min. Earth dist.	-194 Jan 01 j 05:28	4°♑18'36	0.65481 AU	
morning rise	-194 Jan 05 j 01:53	0°♑09'46		
	-194 Jan 05 j 06:24	30°℞♐		
direct	-194 Jan 11 j 15:49	27°♐18'40		
	-194 Jan 18 j 21:35	0°♑		
morning max el	-194 Jan 24 j 16:20	4°♑56'05	26°44'19	
desc. node	-194 Jan 27 j 06:35	7°♑40'32		
	-194 Feb 12 j 20:50	0°♒		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-194 Mar 01 j 14:22	28°♒45'58	
	-194 Mar 02 j 05:52	0°♓	
max. Earth dist.	-194 Mar 05 j 22:06	7°♓12'12	1.34550 AU
superior conj	-194 Mar 10 j 03:35	15°♓49'20	-1°02'20
minimum elong	-194 Mar 10 j 06:31	16°♓04'32	1°01'48
asc. node	-194 Mar 16 j 11:06	29°♓02'46	
	-194 Mar 16 j 22:04	0°♈	
evening rise	-194 Mar 17 j 16:30	1°♈35'48	
	-194 Apr 03 j 07:28	0°♉	
evening max el	-194 Apr 06 j 04:57	3°♉06'46	21°09'28
retrograde	-194 Apr 17 j 23:49	8°♉49'46	
evening set	-194 Apr 20 j 07:01	8°♉37'28	
desc. node	-194 Apr 25 j 05:44	6°♉58'23	
inferior conj	-194 Apr 29 j 15:16	4°♉38'22	-1°15'18
minimum elong	-194 Apr 29 j 11:43	4°♉43'23	1°14'01
min. Earth dist.	-194 Apr 30 j 03:38	4°♉20'56	0.54999 AU
morning rise	-194 May 08 j 16:29	0°♉35'29	
direct	-194 May 11 j 21:29	0°♉13'12	
morning max el	-194 May 24 j 16:50	6°♉19'48	22°27'36
	-194 Jun 10 j 02:31	0°♊	
asc. node	-194 Jun 12 j 10:22	4°♊32'07	
morning set	-194 Jun 15 j 13:55	10°♊58'23	
superior conj	-194 Jun 22 j 18:36	26°♊14'22	1°30'14
minimum elong	-194 Jun 22 j 16:14	26°♊01'49	1°29'59
	-194 Jun 24 j 13:30	0°♋	
max. Earth dist.	-194 Jun 25 j 20:13	2°♋39'39	1.34277 AU
evening rise	-194 Jun 30 j 15:49	12°♋21'32	
	-194 Jul 10 j 07:15	0°♌	
desc. node	-194 Jul 22 j 05:03	18°♌28'39	
	-194 Jul 31 j 07:18	0°♍	
evening max el	-194 Aug 04 j 08:49	4°♍14'25	27°08'52
retrograde	-194 Aug 17 j 16:30	11°♍33'35	
evening set	-194 Aug 24 j 15:27	8°♍47'32	
min. Earth dist.	-194 Aug 28 j 11:03	5°♍05'27	0.65040 AU
inferior conj	-194 Aug 30 j 13:16	2°♍44'36	-2°48'48
minimum elong	-194 Aug 30 j 17:23	2°♍33'02	2°47'24
	-194 Sep 02 j 02:45	30°℞♌	
morning rise	-194 Sep 05 j 20:01	27°♌11'04	
asc. node	-194 Sep 08 j 09:34	26°♌30'59	
direct	-194 Sep 08 j 13:51	26°♌30'49	
morning max el	-194 Sep 15 j 02:26	0°♍01'43	18°09'21
	-194 Sep 15 j 01:45	0°♍	
morning set	-194 Oct 03 j 08:50	27°♍32'37	
	-194 Oct 04 j 20:23	0°♎	
superior conj	-194 Oct 17 j 14:08	20°♎41'56	0°03'56
minimum elong	-194 Oct 17 j 14:37	20°♎43'52	0°03'52
behind sun begin	-194 Oct 17 j 04:02	20°♎01'40	
behind sun end	-194 Oct 18 j 01:12	21°♎26'00	
desc. node	-194 Oct 18 j 04:24	21°♎38'40	
max. Earth dist.	-194 Oct 21 j 02:05	26°♎14'34	1.44820 AU
	-194 Oct 23 j 11:21	0°♏	
evening rise	-194 Nov 03 j 02:07	16°♏33'09	
	-194 Nov 11 j 19:10	0°♐	
greatest brilliancy	-194 Nov 15 j 21:50	6°♐14'28	-0.7m
evening max el	-194 Nov 28 j 03:31	22°♐39'16	19°44'14
asc. node	-194 Dec 05 j 08:49	26°♐58'40	
retrograde	-194 Dec 05 j 13:48	26°♐58'54	
evening set	-194 Dec 09 j 02:27	25°♐46'03	
inferior conj	-194 Dec 14 j 14:37	19°♐46'56	2°47'47
minimum elong	-194 Dec 14 j 11:49	19°♐56'12	2°46'58
min. Earth dist.	-194 Dec 15 j 15:33	18°♐24'45	0.66554 AU
morning rise	-194 Dec 19 j 20:57	13°♐34'20	
direct	-194 Dec 25 j 22:06	10°♐53'26	
morning max el	-193 Jan 07 j 01:32	18°♐06'09	25°33'36
desc. node	-193 Jan 14 j 03:39	26°♐11'17	
	-193 Jan 17 j 02:32	0°♑	
	-193 Feb 05 j 21:10	0°♒	
morning set	-193 Feb 12 j 07:59	11°♒20'11	
max. Earth dist.	-193 Feb 16 j 02:37	18°♒21'05	1.36159 AU
superior conj	-193 Feb 21 j 20:09	29°♒31'15	-1°26'43
minimum elong	-193 Feb 21 j 23:53	29°♒49'56	1°26'12
	-193 Feb 22 j 01:54	0°♓	
evening rise	-193 Mar 01 j 21:50	15°♓55'11	
asc. node	-193 Mar 03 j 08:09	18°♓48'16	
	-193 Mar 09 j 04:57	0°♈	
evening max el	-193 Mar 19 j 14:26	14°♈32'45	19°55'00
retrograde	-193 Mar 29 j 16:18	19°♈22'44	
evening set	-193 Mar 31 j 18:57	19°♈10'57	
inferior conj	-193 Apr 09 j 14:22	15°♈10'17	0°42'44
minimum elong	-193 Apr 09 j 16:13	15°♈07'27	0°42'04
min. Earth dist.	-193 Apr 11 j 17:49	13°♈51'44	0.55582 AU
desc. node	-193 Apr 12 j 02:48	13°♈38'20	
morning rise	-193 Apr 18 j 11:14	10°♈40'05	
direct	-193 Apr 22 j 12:50	10°♈03'34	
morning max el	-193 May 06 j 09:15	16°♈56'55	24°08'24
	-193 May 16 j 22:26	0°♉	
asc. node	-193 May 30 j 07:24	24°♉20'40	
morning set	-193 May 31 j 01:43	25°♉56'35	
	-193 Jun 01 j 23:33	0°♊	
superior conj	-193 Jun 07 j 02:32	11°♊04'47	1°14'01
minimum elong	-193 Jun 07 j 00:03	10°♊51'23	1°13'38
max. Earth dist.	-193 Jun 08 j 23:02	15°♊04'10	1.33254 AU
evening rise	-193 Jun 14 j 11:34	26°♊35'17	
	-193 Jun 16 j 04:34	0°♋	
	-193 Jul 03 j 15:33	0°♌	
desc. node	-193 Jul 09 j 02:04	7°♌29'40	
evening max el	-193 Jul 17 j 19:17	17°♌21'32	27°25'32
retrograde	-193 Jul 31 j 11:30	24°♌41'38	
evening set	-193 Aug 07 j 16:10	22°♌02'41	
min. Earth dist.	-193 Aug 11 j 06:50	18°♌53'37	0.63497 AU
inferior conj	-193 Aug 13 j 22:12	16°♌13'07	-3°38'29
minimum elong	-193 Aug 14 j 02:56	16°♌01'05	3°37'13
morning rise	-193 Aug 20 j 14:48	10°♌56'42	
direct	-193 Aug 23 j 04:13	10°♌24'59	
asc. node	-193 Aug 26 j 06:37	11°♌12'13	
morning max el	-193 Aug 29 j 18:12	13°♌50'32	17°54'13
	-193 Sep 09 j 21:41	0°♍	
morning set	-193 Sep 15 j 10:37	9°♍35'55	
	-193 Sep 27 j 09:42	0°♎	
superior conj	-193 Sep 27 j 15:19	0°♎23'12	0°47'57
minimum elong	-193 Sep 27 j 19:52	0°♎42'01	0°47'22
max. Earth dist.	-193 Oct 03 j 18:28	10°♎21'54	1.43932 AU
desc. node	-193 Oct 05 j 01:24	12°♎25'32	
evening rise	-193 Oct 13 j 09:30	25°♎29'25	
	-193 Oct 16 j 07:58	0°♏	
	-193 Nov 05 j 23:49	0°♐	
evening max el	-193 Nov 11 j 04:56	6°♐07'31	20°47'17
retrograde	-193 Nov 19 j 11:27	11°♐01'16	
asc. node	-193 Nov 22 j 05:53	10°♐17'45	
evening set	-193 Nov 23 j 09:31	9°♐33'20	
inferior conj	-193 Nov 28 j 18:58	3°♐23'18	2°06'43
minimum elong	-193 Nov 28 j 16:29	3°♐31'49	2°05'50
min. Earth dist.	-193 Nov 29 j 07:35	2°♐40'12	0.67254 AU
	-193 Dec 01 j 08:12	30°℞♏	
morning rise	-193 Dec 03 j 23:15	27°♏09'38	
direct	-193 Dec 09 j 09:37	24°♏46'46	
	-193 Dec 19 j 00:37	0°♐	
morning max el	-193 Dec 20 j 09:55	1°♐21'05	24°09'24

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-192 Jan 01 j 00:41	15°♐26'02	
	-192 Jan 11 j 02:58	0°♑	
morning set	-192 Jan 25 j 04:19	22°♑47'55	
max. Earth dist.	-192 Jan 28 j 22:37	29°♑25'27	1.38127 AU
	-192 Jan 29 j 06:19	0°♒	
superior conj	-192 Feb 05 j 00:58	12°♒34'33	-1°46'47
minimum elong	-192 Feb 05 j 04:36	12°♒51'54	1°46'29
evening rise	-192 Feb 13 j 20:39	29°♒49'43	
	-192 Feb 13 j 22:44	0°♓	
asc. node	-192 Feb 18 j 05:12	8°♓15'35	
evening max el	-192 Mar 01 j 10:53	26°♓37'41	18°59'34
	-192 Mar 06 j 08:31	0°♈	
retrograde	-192 Mar 09 j 22:53	0°♈43'34	
evening set	-192 Mar 12 j 05:23	0°♈27'14	
	-192 Mar 13 j 17:07	30°℞♓	
inferior conj	-192 Mar 20 j 06:07	26°♓12'15	2°18'08
minimum elong	-192 Mar 20 j 10:28	26°♓04'35	2°16'55
min. Earth dist.	-192 Mar 23 j 09:50	23°♓59'56	0.56996 AU
morning rise	-192 Mar 28 j 12:32	21°♓09'17	
desc. node	-192 Mar 28 j 23:51	20°♓58'19	
direct	-192 Apr 02 j 17:28	20°♓04'50	
morning max el	-192 Apr 17 j 00:09	27°♓28'48	25°43'27
	-192 Apr 19 j 10:59	0°♈	
	-192 May 09 j 03:53	0°♉	
morning set	-192 May 14 j 13:28	10°♉54'50	
asc. node	-192 May 16 j 04:28	14°♉22'00	
superior conj	-192 May 21 j 13:19	26°♉03'10	0°54'02
minimum elong	-192 May 21 j 11:13	25°♉51'39	0°53'38
max. Earth dist.	-192 May 22 j 08:34	27°♉48'24	1.32623 AU
	-192 May 23 j 08:43	0°♊	
evening rise	-192 May 28 j 14:56	11°♊11'45	
	-192 Jun 07 j 10:05	0°♋	
desc. node	-192 Jun 24 j 23:07	25°♋36'38	
evening max el	-192 Jun 29 j 02:15	29°♋55'58	27°10'25
	-192 Jun 29 j 03:57	0°♌	
retrograde	-192 Jul 12 j 23:42	7°♌13'16	
evening set	-192 Jul 20 j 01:34	4°♌55'15	
min. Earth dist.	-192 Jul 23 j 16:25	2°♌09'30	0.61643 AU
	-192 Jul 26 j 02:22	30°℞♋	
inferior conj	-192 Jul 26 j 19:05	29°♋22'05	-4°18'43
minimum elong	-192 Jul 26 j 23:13	29°♋12'47	4°18'00
morning rise	-192 Aug 02 j 22:24	24°♋25'44	
direct	-192 Aug 05 j 09:57	23°♋59'45	
asc. node	-192 Aug 12 j 03:41	27°♋16'36	
morning max el	-192 Aug 12 j 08:33	27°♋28'19	17°57'32
	-192 Aug 14 j 15:17	0°♌	
morning set	-192 Aug 28 j 07:51	22°♌35'10	
	-192 Sep 01 j 09:35	0°♍	
superior conj	-192 Sep 07 j 19:57	11°♍25'26	1°19'55
minimum elong	-192 Sep 08 j 00:41	11°♍46'01	1°19'25
max. Earth dist.	-192 Sep 15 j 06:28	24°♍01'05	1.42460 AU
	-192 Sep 18 j 22:38	0°♎	
desc. node	-192 Sep 20 j 22:26	3°♎11'00	
evening rise	-192 Sep 21 j 21:13	4°♎41'12	
	-192 Oct 08 j 16:58	0°♏	
evening max el	-192 Oct 24 j 00:40	19°♏36'39	22°00'59
retrograde	-192 Nov 02 j 07:39	25°♏08'06	
evening set	-192 Nov 06 j 17:16	23°♏23'10	
asc. node	-192 Nov 08 j 02:56	22°♏05'07	
inferior conj	-192 Nov 12 j 01:35	17°♏05'42	1°19'37
minimum elong	-192 Nov 11 j 23:51	17°♏11'43	1°18'56
min. Earth dist.	-192 Nov 12 j 03:06	17°♏00'27	0.67610 AU
morning rise	-192 Nov 17 j 06:16	10°♏53'10	
direct	-192 Nov 22 j 01:30	8°♏52'17	
morning max el	-192 Dec 01 j 20:03	14°♏40'05	22°41'37
	-192 Dec 14 j 05:22	0°♐	
desc. node	-192 Dec 17 j 21:43	5°♐11'57	
	-191 Jan 03 j 02:49	0°♑	
morning set	-191 Jan 04 j 21:12	2°♑52'57	
max. Earth dist.	-191 Jan 09 j 18:23	11°♑03'21	1.40255 AU
superior conj	-191 Jan 17 j 13:27	24°♑46'38	-1°59'24
minimum elong	-191 Jan 17 j 15:21	24°♑55'18	1°59'21
	-191 Jan 20 j 09:48	0°♒	
evening rise	-191 Jan 27 j 09:55	13°♒11'00	
asc. node	-191 Feb 04 j 02:15	27°♒17'27	
	-191 Feb 05 j 17:09	0°♓	
evening max el	-191 Feb 12 j 15:38	9°♓13'39	18°24'05
retrograde	-191 Feb 20 j 00:23	12°♓51'41	
evening set	-191 Feb 22 j 12:07	12°♓27'57	
inferior conj	-191 Mar 01 j 18:46	7°♓52'37	3°18'29
minimum elong	-191 Mar 01 j 22:15	7°♓45'24	3°17'52
min. Earth dist.	-191 Mar 05 j 05:10	5°♓04'30	0.58929 AU
morning rise	-191 Mar 09 j 05:57	2°♓22'33	
direct	-191 Mar 15 j 11:04	0°♓41'11	
desc. node	-191 Mar 15 j 20:55	0°♓41'37	
morning max el	-191 Mar 29 j 18:51	8°♓21'33	26°57'48
	-191 Apr 15 j 03:59	0°♈	
morning set	-191 Apr 28 j 23:25	25°♈46'23	
	-191 Apr 30 j 23:24	0°♉	
asc. node	-191 May 03 j 01:31	4°♉30'25	
superior conj	-191 May 06 j 01:06	11°♉02'07	0°31'07
minimum elong	-191 May 05 j 23:45	10°♉54'46	0°30'49
max. Earth dist.	-191 May 05 j 21:19	10°♉41'19	1.32355 AU
evening rise	-191 May 12 j 23:10	26°♉01'02	
	-191 May 14 j 21:15	0°♊	
	-191 Jun 01 j 04:48	0°♋	
evening max el	-191 Jun 11 j 03:09	11°♋46'51	26°22'21
desc. node	-191 Jun 11 j 20:09	12°♋26'33	
retrograde	-191 Jun 25 j 03:31	19°♋00'34	
evening set	-191 Jul 01 j 15:03	17°♋15'53	
min. Earth dist.	-191 Jul 05 j 16:11	14°♋38'11	0.59602 AU
inferior conj	-191 Jul 09 j 00:21	12°♋01'53	-4°41'56
minimum elong	-191 Jul 09 j 01:57	11°♋58'43	4°41'51
morning rise	-191 Jul 16 j 14:56	7°♋27'54	
direct	-191 Jul 19 j 02:48	7°♋05'44	
morning max el	-191 Jul 26 j 18:30	10°♋47'00	18°20'32
asc. node	-191 Jul 30 j 00:44	14°♋28'47	
	-191 Aug 08 j 11:35	0°♌	
morning set	-191 Aug 11 j 19:08	6°♌15'34	
superior conj	-191 Aug 21 j 01:04	23°♌40'40	1°38'55
minimum elong	-191 Aug 21 j 03:58	23°♌53'56	1°38'44
	-191 Aug 24 j 13:04	0°♍	
max. Earth dist.	-191 Aug 28 j 13:24	7°♍01'01	1.40588 AU
evening rise	-191 Sep 02 j 04:28	14°♍48'12	
desc. node	-191 Sep 07 j 19:28	23°♍51'40	
	-191 Sep 11 j 18:37	0°♎	
	-191 Oct 03 j 17:18	0°♏	
evening max el	-191 Oct 06 j 15:34	3°♏07'58	23°20'29
retrograde	-191 Oct 17 j 01:07	9°♏17'00	
evening set	-191 Oct 22 j 00:04	7°♏13'56	
asc. node	-191 Oct 25 j 23:57	2°♏43'52	
inferior conj	-191 Oct 27 j 08:40	0°♏52'34	0°28'08
minimum elong	-191 Oct 27 j 08:00	0°♏54'51	0°27'51
min. Earth dist.	-191 Oct 26 j 23:41	1°♏23'22	0.67637 AU
	-191 Oct 28 j 00:03	30°℞♎	
morning rise	-191 Nov 01 j 15:53	24°♎43'36	
direct	-191 Nov 05 j 20:47	23°♎05'17	
morning max el	-191 Nov 14 j 11:37	28°♎07'54	21°18'44

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-191 Nov 16 j 05:45	0°♏		
desc. node	-191 Dec 04 j 18:45	25°♏20'36		
	-191 Dec 07 j 20:56	0°♐		
morning set	-191 Dec 15 j 09:43	11°♐38'42		
max. Earth dist.	-191 Dec 22 j 20:36	23°♐37'30	1.42243 AU	
	-191 Dec 26 j 16:42	0°♑		
superior conj	-191 Dec 30 j 04:12	5°♑54'59	-2°00'20	
minimum elong	-191 Dec 30 j 02:17	5°♑46'44	2°00'17	
evening rise	-190 Jan 10 j 10:02	25°♑51'54		
	-190 Jan 12 j 16:51	0°♒		
asc. node	-190 Jan 21 j 23:18	15°♒46'03		
evening max el	-190 Jan 27 j 01:39	22°♒12'33	18°08'28	
retrograde	-190 Feb 02 j 18:54	25°♒38'38		
evening set	-190 Feb 05 j 11:09	25°♒06'14		
inferior conj	-190 Feb 12 j 02:59	20°♒09'30	3°46'31	
minimum elong	-190 Feb 12 j 04:15	20°♒06'28	3°46'26	
min. Earth dist.	-190 Feb 15 j 07:01	17°♒09'46	0.61028 AU	
morning rise	-190 Feb 18 j 19:47	14°♒21'01		
direct	-190 Feb 25 j 15:35	12°♒04'01		
desc. node	-190 Mar 02 j 17:57	13°♒13'28		
morning max el	-190 Mar 11 j 19:58	19°♒53'12	27°39'48	
	-190 Mar 20 j 11:52	0°♓		
	-190 Apr 07 j 23:43	0°♈		
morning set	-190 Apr 13 j 05:45	10°♈24'54		
max. Earth dist.	-190 Apr 19 j 09:19	23°♈29'24	1.32447 AU	
asc. node	-190 Apr 19 j 22:35	24°♈41'39		
superior conj	-190 Apr 20 j 12:11	25°♈55'55	0°06'01	
minimum elong	-190 Apr 20 j 11:54	25°♈54'25	0°05'57	
behind sun begin	-190 Apr 20 j 07:11	25°♈28'37		
behind sun end	-190 Apr 20 j 16:37	26°♈20'14		
	-190 Apr 22 j 08:47	0°♉		
evening rise	-190 Apr 27 j 10:07	10°♉55'37		
	-190 May 07 j 04:55	0°♊		
evening max el	-190 May 23 j 21:08	22°♊53'07	25°06'16	
desc. node	-190 May 29 j 17:11	27°♊28'35		
	-190 Jun 06 j 06:59	0°♋		
retrograde	-190 Jun 06 j 21:18	0°♋00'50		
	-190 Jun 07 j 11:37	30°℞♊		
evening set	-190 Jun 12 j 05:33	28°♊55'02		
min. Earth dist.	-190 Jun 17 j 08:45	26°♊07'34	0.57608 AU	
inferior conj	-190 Jun 20 j 10:36	24°♊02'48	-4°37'05	
minimum elong	-190 Jun 20 j 07:49	24°♊07'34	4°36'52	
morning rise	-190 Jun 28 j 12:48	19°♊50'48		
direct	-190 Jul 01 j 02:20	19°♊31'25		
morning max el	-190 Jul 09 j 21:04	23°♊37'44	19°04'09	
	-190 Jul 15 j 04:53	0°♋		
asc. node	-190 Jul 16 j 21:47	2°♋34'09		
morning set	-190 Jul 26 j 16:19	20°♋25'42		
	-190 Jul 31 j 12:19	0°♌		
superior conj	-190 Aug 04 j 00:57	6°♌52'37	1°46'45	
minimum elong	-190 Aug 04 j 01:41	6°♌56'07	1°46'44	
max. Earth dist.	-190 Aug 10 j 16:32	19°♌17'50	1.38569 AU	
evening rise	-190 Aug 14 j 12:33	26°♌05'16		
	-190 Aug 16 j 19:18	0°♍		
desc. node	-190 Aug 25 j 16:29	14°♍22'56		
	-190 Sep 05 j 08:56	0°♎		
evening max el	-190 Sep 19 j 03:32	16°♎41'44	24°39'38	
retrograde	-190 Sep 30 j 14:48	23°♎23'25		
evening set	-190 Oct 06 j 04:11	21°♎02'40		
min. Earth dist.	-190 Oct 10 j 19:00	15°♎46'06	0.67343 AU	
inferior conj	-190 Oct 11 j 14:28	14°♎41'16	-0°26'21	
minimum elong	-190 Oct 11 j 15:07	14°♎39'07	0°26'05	
asc. node	-190 Oct 12 j 20:59	13°♎00'58		
morning rise	-190 Oct 17 j 02:07	8°♎38'19		
direct	-190 Oct 20 j 18:17	7°♎20'41		
morning max el	-190 Oct 28 j 10:38	11°♎45'43	20°06'26	
	-190 Nov 11 j 05:50	0°♏		
desc. node	-190 Nov 21 j 15:46	15°♏44'54		
morning set	-190 Nov 24 j 06:29	19°♏46'32		
	-190 Nov 30 j 19:48	0°♐		
max. Earth dist.	-190 Dec 05 j 06:07	7°♐01'41	1.43813 AU	
superior conj	-190 Dec 10 j 16:33	15°♐48'58	-1°45'05	
minimum elong	-190 Dec 10 j 09:53	15°♐21'42	1°44'35	
	-190 Dec 19 j 04:34	0°♑		
evening rise	-190 Dec 23 j 16:42	7°♑43'16		
	-189 Jan 06 j 04:21	0°♒		
asc. node	-189 Jan 08 j 20:19	3°♒30'55		
evening max el	-189 Jan 10 j 13:58	5°♒26'07	18°12'17	
retrograde	-189 Jan 17 j 01:50	8°♒53'47		
evening set	-189 Jan 19 j 22:25	8°♒11'46		
inferior conj	-189 Jan 26 j 02:59	2°♒54'52	3°49'48	
minimum elong	-189 Jan 26 j 02:12	2°♒57'01	3°49'45	
min. Earth dist.	-189 Jan 28 j 17:54	0°♒06'16	0.63004 AU	
	-189 Jan 28 j 20:19	30°℞♑		
morning rise	-189 Feb 01 j 05:04	26°♑55'04		
direct	-189 Feb 08 j 05:03	24°♑12'57		
desc. node	-189 Feb 17 j 14:59	28°♑08'03		
	-189 Feb 19 j 21:16	0°♒		
morning max el	-189 Feb 22 j 02:31	2°♒05'13	27°44'50	
	-189 Mar 14 j 18:04	0°♓		
morning set	-189 Mar 28 j 06:12	24°♓42'45		
	-189 Mar 30 j 20:21	0°♈		
max. Earth dist.	-189 Apr 02 j 16:33	5°♈58'21	1.32917 AU	
superior conj	-189 Apr 04 j 20:52	10°♈38'45	-0°20'28	
minimum elong	-189 Apr 04 j 21:51	10°♈44'00	0°20'15	
asc. node	-189 Apr 06 j 19:38	14°♈51'36		
evening rise	-189 Apr 11 j 21:55	25°♈48'51		
	-189 Apr 13 j 22:04	0°♉		
	-189 May 02 j 04:05	0°♊		
evening max el	-189 May 05 j 11:38	3°♊31'30	23°33'52	
desc. node	-189 May 16 j 14:12	10°♊06'35		
retrograde	-189 May 19 j 03:18	10°♊21'21		
evening set	-189 May 23 j 00:35	9°♊48'04		
min. Earth dist.	-189 May 29 j 22:08	6°♊36'21	0.55991 AU	
inferior conj	-189 Jun 01 j 00:51	5°♊20'26	-3°51'47	
minimum elong	-189 May 31 j 18:07	5°♊30'34	3°50'19	
morning rise	-189 Jun 09 j 14:30	1°♊23'47		
direct	-189 Jun 12 j 06:28	1°♊06'06		
morning max el	-189 Jun 22 j 13:48	5°♊52'04	20°08'40	
asc. node	-189 Jul 03 j 18:50	21°♊20'36		
	-189 Jul 08 j 08:58	0°♋		
morning set	-189 Jul 10 j 20:24	4°♋58'02		
superior conj	-189 Jul 18 j 14:28	20°♋46'46	1°45'37	
minimum elong	-189 Jul 18 j 13:28	20°♋41'47	1°45'35	
	-189 Jul 23 j 06:51	0°♌		
max. Earth dist.	-189 Jul 23 j 21:14	1°♌08'57	1.36661 AU	
evening rise	-189 Jul 27 j 19:27	8°♌29'07		
	-189 Aug 09 j 12:34	0°♍		
desc. node	-189 Aug 12 j 13:31	4°♍39'55		
	-189 Sep 01 j 07:27	0°♎		
evening max el	-189 Sep 01 j 14:56	0°♎18'22	25°51'00	
retrograde	-189 Sep 14 j 00:01	7°♎22'50		
evening set	-189 Sep 20 j 03:50	4°♎47'22		
min. Earth dist.	-189 Sep 24 j 10:41	0°♎06'40	0.66725 AU	
	-189 Sep 24 j 12:49	30°℞♍		
inferior conj	-189 Sep 25 j 17:14	28°♍29'55	-1°22'17	
minimum elong	-189 Sep 25 j 19:19	28°♍23'19	1°21'26	
asc. node	-189 Sep 29 j 18:01	23°♍54'45		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-189 Oct 01 j 11:04	22°♍35'45		
direct	-189 Oct 04 j 16:41	21°♍35'30		
morning max el	-189 Oct 11 j 17:00	25°♍32'27	19°08'11	
	-189 Oct 15 j 12:52	0°♎		
morning set	-189 Nov 03 j 12:04	28°♎27'57		
	-189 Nov 04 j 11:36	0°♏		
desc. node	-189 Nov 08 j 12:47	6°♏20'15		
max. Earth dist.	-189 Nov 17 j 21:18	21°♏01'12	1.44773 AU	
superior conj	-189 Nov 20 j 04:00	24°♏37'10	-1°11'31	
minimum elong	-189 Nov 19 j 20:00	24°♏05'32	1°10'38	
	-189 Nov 23 j 13:18	0°♐		
evening rise	-189 Dec 05 j 01:42	18°♐37'56		
	-189 Dec 11 j 23:55	0°♑		
evening max el	-189 Dec 25 j 01:58	18°♑48'50	18°34'40	
asc. node	-189 Dec 26 j 17:20	20°♑19'49		
retrograde	-189 Dec 31 j 16:51	22°♑29'06		
evening set	-188 Jan 03 j 18:33	21°♑36'21		
inferior conj	-188 Jan 09 j 14:53	16°♑01'13	3°35'16	
minimum elong	-188 Jan 09 j 12:43	16°♑07'37	3°34'57	
min. Earth dist.	-188 Jan 11 j 14:31	13°♑40'08	0.64684 AU	
morning rise	-188 Jan 15 j 06:26	9°♑54'35		
direct	-188 Jan 22 j 02:00	7°♑02'19		
morning max el	-188 Feb 04 j 11:45	14°♑48'48	27°14'51	
desc. node	-188 Feb 04 j 12:00	14°♑49'27		
	-188 Feb 16 j 22:13	0°♒		
	-188 Mar 06 j 10:07	0°♓		
morning set	-188 Mar 10 j 21:54	8°♓30'05		
max. Earth dist.	-188 Mar 15 j 14:59	17°♓55'50	1.33819 AU	
superior conj	-188 Mar 19 j 01:14	25°♓03'57	-0°47'15	
minimum elong	-188 Mar 19 j 03:30	25°♓15'52	0°46'48	
	-188 Mar 21 j 09:07	0°♈		
asc. node	-188 Mar 23 j 16:40	4°♈55'38		
evening rise	-188 Mar 26 j 08:45	10°♈34'01		
	-188 Apr 05 j 12:45	0°♉		
evening max el	-188 Apr 16 j 05:30	14°♉10'23	21°59'38	
retrograde	-188 Apr 28 j 21:10	20°♉21'55		
evening set	-188 May 01 j 13:33	20°♉05'56		
desc. node	-188 May 02 j 11:14	19°♉53'41		
inferior conj	-188 May 10 j 23:25	16°♉00'35	-2°21'42	
minimum elong	-188 May 10 j 17:13	16°♉09'17	2°19'42	
min. Earth dist.	-188 May 10 j 11:03	16°♉17'58	0.55097 AU	
morning rise	-188 May 19 j 22:11	12°♉04'59		
direct	-188 May 22 j 20:14	11°♉45'59		
morning max el	-188 Jun 03 j 19:17	17°♉22'54	21°32'28	
	-188 Jun 13 j 16:25	0°♊		
asc. node	-188 Jun 19 j 15:54	10°♊37'16		
morning set	-188 Jun 24 j 04:59	19°♊45'00		
	-188 Jun 29 j 02:16	0°♋		
superior conj	-188 Jul 01 j 13:26	5°♋09'56	1°37'29	
minimum elong	-188 Jul 01 j 11:23	4°♋59'15	1°37'19	
max. Earth dist.	-188 Jul 05 j 09:28	13°♋01'42	1.35047 AU	
evening rise	-188 Jul 09 j 20:15	21°♋46'00		
	-188 Jul 14 j 06:41	0°♌		
desc. node	-188 Jul 29 j 10:32	24°♌35'12		
	-188 Aug 02 j 07:27	0°♍		
evening max el	-188 Aug 14 j 02:51	13°♍52'25	26°46'50	
retrograde	-188 Aug 27 j 03:59	21°♍08'30		
evening set	-188 Sep 02 j 20:48	18°♍24'07		
min. Earth dist.	-188 Sep 06 j 20:23	14°♍20'34	0.65759 AU	
inferior conj	-188 Sep 08 j 15:00	12°♍14'47	-2°17'53	
minimum elong	-188 Sep 08 j 18:27	12°♍04'34	2°16'36	
morning rise	-188 Sep 14 j 16:37	6°♍32'30		
asc. node	-188 Sep 15 j 15:04	6°♍07'19		
direct	-188 Sep 17 j 14:02	5°♍45'55		
morning max el	-188 Sep 24 j 04:58	9°♍23'57	18°25'54	
	-188 Oct 08 j 13:55	0°♎		
morning set	-188 Oct 13 j 19:49	8°♎29'23		
desc. node	-188 Oct 25 j 09:50	27°♎02'45		
	-188 Oct 27 j 06:40	0°♏		
superior conj	-188 Oct 29 j 04:24	3°♏00'21	-0°24'35	
minimum elong	-188 Oct 29 j 01:09	2°♏47'36	0°24'09	
max. Earth dist.	-188 Oct 30 j 15:44	5°♏19'24	1.45017 AU	
evening rise	-188 Nov 14 j 10:51	28°♏33'52		
	-188 Nov 15 j 08:44	0°♐		
greatest brilliancy	-188 Nov 24 j 13:52	14°♐27'33	-0.8m	
	-188 Dec 05 j 10:42	0°♑		
evening max el	-188 Dec 07 j 11:19	2°♑16'05	19°14'22	
asc. node	-188 Dec 12 j 14:21	5°♑58'09		
retrograde	-188 Dec 14 j 12:30	6°♑18'38		
evening set	-188 Dec 17 j 20:43	5°♑13'33		
	-188 Dec 22 j 23:29	30°℞♐		
inferior conj	-188 Dec 23 j 11:16	29°♐22'32	3°07'56	
minimum elong	-188 Dec 23 j 08:30	29°♐31'20	3°07'17	
min. Earth dist.	-188 Dec 24 j 20:04	27°♐37'53	0.65985 AU	
morning rise	-188 Dec 28 j 20:03	23°♐11'45		
direct	-187 Jan 04 j 05:06	20°♐23'30		
morning max el	-187 Jan 16 j 21:11	27°♐51'53	26°16'33	
	-187 Jan 18 j 22:05	0°♑		
desc. node	-187 Jan 21 j 09:02	2°♑47'05		
	-187 Feb 09 j 15:14	0°♒		
morning set	-187 Feb 22 j 01:00	21°♒35'18		
max. Earth dist.	-187 Feb 26 j 02:02	29°♒19'24	1.35181 AU	
	-187 Feb 26 j 10:20	0°♓		
superior conj	-187 Mar 02 j 22:59	9°♓04'35	-1°13'01	
minimum elong	-187 Mar 03 j 02:20	9°♓21'40	1°12'28	
evening rise	-187 Mar 10 j 16:44	25°♓05'07		
asc. node	-187 Mar 10 j 13:43	24°♓49'37		
	-187 Mar 13 j 02:47	0°♈		
evening max el	-187 Mar 29 j 08:37	25°♈15'37	20°35'41	
	-187 Apr 05 j 17:18	0°♉		
retrograde	-187 Apr 09 j 10:02	0°♉35'08		
evening set	-187 Apr 11 j 13:55	0°♉23'46		
	-187 Apr 13 j 06:29	30°℞♈		
desc. node	-187 Apr 19 j 08:15	27°♈14'35		
inferior conj	-187 Apr 20 j 18:02	26°♈26'17	-0°24'13	
minimum elong	-187 Apr 20 j 16:53	26°♈27'55	0°23'48	
min. Earth dist.	-187 Apr 22 j 00:23	25°♈42'31	0.55140 AU	
morning rise	-187 Apr 29 j 18:48	22°♈13'32		
direct	-187 May 03 j 07:38	21°♈46'30		
morning max el	-187 May 16 j 15:02	28°♈14'14	23°10'04	
	-187 May 18 j 09:30	0°♉		
	-187 Jun 06 j 09:47	0°♊		
asc. node	-187 Jun 06 j 12:58	0°♊16'13		
morning set	-187 Jun 08 j 16:09	4°♊40'51		
superior conj	-187 Jun 15 j 18:50	19°♊52'36	1°23'53	
minimum elong	-187 Jun 15 j 16:21	19°♊39'19	1°23'33	
max. Earth dist.	-187 Jun 18 j 07:28	25°♊14'14	1.33804 AU	
	-187 Jun 20 j 14:27	0°♋		
evening rise	-187 Jun 23 j 10:15	5°♋42'29		
	-187 Jul 06 j 22:02	0°♌		
desc. node	-187 Jul 16 j 07:34	13°♌59'30		
evening max el	-187 Jul 27 j 14:34	27°♌13'32	27°19'34	
	-187 Jul 30 j 18:20	0°♍		
retrograde	-187 Aug 10 j 02:12	4°♍32'46		
evening set	-187 Aug 17 j 04:24	1°♍48'33		
	-187 Aug 19 j 06:24	30°℞♌		
min. Earth dist.	-187 Aug 20 j 21:42	28°♌21'03	0.64431 AU	
inferior conj	-187 Aug 23 j 05:25	25°♌51'03	-3°10'42	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-187 Aug 23 j 09:54	25°♌38'57	3°09'18
morning rise	-187 Aug 29 j 16:12	20°♌24'10	
direct	-187 Sep 01 j 07:57	19°♌47'46	
asc. node	-187 Sep 02 j 12:09	19°♌54'58	
morning max el	-187 Sep 07 j 20:08	23°♌15'15	18°00'40
	-187 Sep 13 j 04:25	0°♍	
morning set	-187 Sep 25 j 07:41	19°♍52'50	
	-187 Oct 01 j 08:09	0°♎	
superior conj	-187 Oct 08 j 15:44	11°♎59'32	0°23'50
minimum elong	-187 Oct 08 j 18:28	12°♎10'32	0°23'28
desc. node	-187 Oct 12 j 06:51	17°♎48'46	
max. Earth dist.	-187 Oct 13 j 10:16	19°♎37'43	1.44527 AU
	-187 Oct 20 j 00:40	0°♏	
evening rise	-187 Oct 25 j 00:08	7°♏42'56	
greatest brilliancy	-187 Nov 08 j 02:20	29°♏06'03	-0.6m
	-187 Nov 08 j 16:59	0°♐	
evening max el	-187 Nov 20 j 16:00	15°♐44'06	20°09'34
retrograde	-187 Nov 28 j 10:02	20°♐17'09	
asc. node	-187 Nov 29 j 11:25	20°♐10'47	
evening set	-187 Dec 02 j 02:34	18°♐57'56	
inferior conj	-187 Dec 07 j 13:21	12°♐53'49	2°31'10
minimum elong	-187 Dec 07 j 10:37	13°♐02'59	2°30'19
min. Earth dist.	-187 Dec 08 j 08:48	11°♐48'32	0.66897 AU
morning rise	-187 Dec 12 j 18:30	6°♐40'47	
direct	-187 Dec 18 j 13:33	4°♐06'59	
morning max el	-187 Dec 30 j 05:48	11°♐04'01	24°58'56
desc. node	-186 Jan 08 j 06:04	21°♐37'58	
	-186 Jan 14 j 09:00	0°♑	
	-186 Feb 02 j 07:46	0°♒	
morning set	-186 Feb 04 j 10:17	3°♒42'43	
max. Earth dist.	-186 Feb 08 j 02:28	10°♒23'14	1.36965 AU
superior conj	-186 Feb 14 j 11:01	22°♒31'07	-1°35'54
minimum elong	-186 Feb 14 j 14:51	22°♒49'59	1°35'28
	-186 Feb 18 j 05:22	0°♓	
evening rise	-186 Feb 22 j 19:36	9°♓14'44	
asc. node	-186 Feb 25 j 10:45	14°♓28'01	
	-186 Mar 06 j 06:47	0°♈	
evening max el	-186 Mar 11 j 22:53	6°♈57'52	19°28'57
retrograde	-186 Mar 21 j 07:29	11°♈27'30	
evening set	-186 Mar 23 j 11:26	11°♈14'09	
inferior conj	-186 Mar 31 j 23:05	7°♈08'06	1°27'08
minimum elong	-186 Apr 01 j 02:29	7°♈02'37	1°26'02
min. Earth dist.	-186 Apr 03 j 14:50	5°♈25'31	0.56102 AU
desc. node	-186 Apr 06 j 05:17	3°♈54'04	
morning rise	-186 Apr 09 j 14:52	2°♈24'11	
direct	-186 Apr 14 j 03:47	1°♈37'37	
morning max el	-186 Apr 28 j 06:00	8°♈45'08	24°50'29
	-186 May 13 j 23:26	0°♉	
morning set	-186 May 24 j 04:11	19°♉39'56	
asc. node	-186 May 24 j 10:03	20°♉10'55	
	-186 May 28 j 23:30	0°♊	
superior conj	-186 May 31 j 04:13	4°♊47'05	1°05'57
minimum elong	-186 May 31 j 01:51	4°♊34'11	1°05'33
max. Earth dist.	-186 Jun 01 j 13:46	7°♊49'03	1.32943 AU
evening rise	-186 Jun 07 j 09:36	20°♊06'55	
	-186 Jun 12 j 09:54	0°♋	
	-186 Jul 01 j 02:15	0°♌	
desc. node	-186 Jul 03 j 04:36	2°♌39'55	
evening max el	-186 Jul 09 j 23:55	10°♌08'30	27°23'05
retrograde	-186 Jul 23 j 18:14	17°♌27'05	
evening set	-186 Jul 30 j 23:10	14°♌55'09	
min. Earth dist.	-186 Aug 03 j 13:01	11°♌57'50	0.62746 AU
inferior conj	-186 Aug 06 j 09:40	9°♌12'34	-3°57'04
minimum elong	-186 Aug 06 j 14:21	9°♌01'17	3°56'00
morning rise	-186 Aug 13 j 06:45	4°♌04'28	
direct	-186 Aug 15 j 19:12	3°♌35'23	
asc. node	-186 Aug 20 j 09:14	5°♌13'42	
morning max el	-186 Aug 22 j 11:43	7°♌00'44	17°53'21
	-186 Sep 06 j 10:28	0°♍	
morning set	-186 Sep 07 j 18:32	2°♍22'30	
superior conj	-186 Sep 19 j 04:39	22°♍15'49	1°03'08
minimum elong	-186 Sep 19 j 09:40	22°♍36'59	1°02'31
	-186 Sep 23 j 20:15	0°♎	
max. Earth dist.	-186 Sep 26 j 01:35	3°♎37'16	1.43369 AU
desc. node	-186 Sep 29 j 03:54	8°♎35'39	
evening rise	-186 Oct 04 j 07:11	16°♎40'24	
	-186 Oct 13 j 00:54	0°♏	
evening max el	-186 Nov 03 j 14:55	29°♏12'22	21°17'30
	-186 Nov 04 j 10:03	0°♐	
retrograde	-186 Nov 12 j 07:21	4°♐22'01	
evening set	-186 Nov 16 j 10:08	2°♐46'50	
asc. node	-186 Nov 16 j 08:27	2°♐50'05	
	-186 Nov 19 j 04:10	30°℞♏	
inferior conj	-186 Nov 21 j 18:54	26°♏32'57	1°47'22
minimum elong	-186 Nov 21 j 16:41	26°♏40'35	1°46'32
min. Earth dist.	-186 Nov 22 j 02:35	26°♏06'30	0.67447 AU
morning rise	-186 Nov 26 j 23:05	20°♏19'34	
direct	-186 Dec 02 j 02:53	18°♏06'06	
morning max el	-186 Dec 12 j 14:44	24°♏21'04	23°31'59
	-186 Dec 17 j 15:55	0°♐	
desc. node	-186 Dec 26 j 03:07	11°♐07'01	
	-185 Jan 07 j 20:17	0°♑	
morning set	-185 Jan 16 j 19:33	14°♑36'15	
max. Earth dist.	-185 Jan 20 j 21:40	21°♑38'40	1.39031 AU
	-185 Jan 25 j 13:39	0°♒	
superior conj	-185 Jan 28 j 09:26	5°♒13'23	-1°53'17
minimum elong	-185 Jan 28 j 12:34	5°♒28'05	1°53'05
evening rise	-185 Feb 06 j 14:45	22°♒55'45	
	-185 Feb 10 j 07:13	0°♓	
asc. node	-185 Feb 12 j 07:48	3°♓45'06	
evening max el	-185 Feb 22 j 23:05	19°♓16'03	18°41'59
retrograde	-185 Mar 02 j 22:16	23°♓08'29	
evening set	-185 Mar 05 j 06:52	22°♓49'22	
inferior conj	-185 Mar 12 j 23:35	18°♓25'56	2°48'05
minimum elong	-185 Mar 13 j 03:53	18°♓17'50	2°47'04
min. Earth dist.	-185 Mar 16 j 08:00	15°♓55'37	0.57770 AU
morning rise	-185 Mar 20 j 21:59	13°♓10'00	
desc. node	-185 Mar 24 j 02:20	12°♓06'01	
direct	-185 Mar 26 j 13:48	11°♓50'39	
morning max el	-185 Apr 09 j 22:11	19°♓23'20	26°18'33
	-185 Apr 18 j 21:56	0°♈	
	-185 May 06 j 09:58	0°♉	
morning set	-185 May 08 j 15:21	4°♉36'04	
asc. node	-185 May 11 j 07:05	10°♉15'42	
superior conj	-185 May 15 j 15:37	19°♉46'18	0°44'38
minimum elong	-185 May 15 j 13:47	19°♉36'18	0°44'16
max. Earth dist.	-185 May 16 j 01:03	20°♉38'05	1.32459 AU
	-185 May 20 j 08:31	0°♊	
evening rise	-185 May 22 j 15:16	4°♊49'23	
	-185 Jun 05 j 02:42	0°♋	
desc. node	-185 Jun 20 j 01:39	20°♋17'23	
evening max el	-185 Jun 22 j 04:16	22°♋24'19	26°53'50
retrograde	-185 Jul 06 j 03:15	29°♋40'59	
evening set	-185 Jul 13 j 00:42	27°♋35'28	
min. Earth dist.	-185 Jul 16 j 18:07	24°♋55'33	0.60783 AU
inferior conj	-185 Jul 20 j 00:21	22°♋10'03	-4°31'13
minimum elong	-185 Jul 20 j 03:40	22°♋02'58	4°30'49
morning rise	-185 Jul 27 j 08:28	17°♋23'27	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-185 Jul 29 j 19:51	16°♋59'22	
morning max el	-185 Aug 06 j 00:39	20°♋31'53	18°04'54
asc. node	-185 Aug 07 j 06:17	21°♋48'50	
	-185 Aug 13 j 03:27	0°♌	
morning set	-185 Aug 21 j 22:18	15°♌40'35	
	-185 Aug 29 j 16:47	0°♍	
superior conj	-185 Aug 31 j 20:23	3°♍51'16	1°29'28
minimum elong	-185 Sep 01 j 00:28	4°♍09'24	1°29'06
max. Earth dist.	-185 Sep 08 j 11:04	16°♍59'31	1.41695 AU
evening rise	-185 Sep 14 j 01:49	26°♍11'43	
desc. node	-185 Sep 16 j 00:57	29°♍19'32	
	-185 Sep 16 j 11:11	0°♎	
	-185 Oct 06 j 20:35	0°♏	
evening max el	-185 Oct 17 j 08:15	12°♏41'27	22°34'20
retrograde	-185 Oct 27 j 02:40	18°♏29'52	
evening set	-185 Oct 31 j 17:41	16°♏37'19	
asc. node	-185 Nov 03 j 05:29	14°♏03'55	
inferior conj	-185 Nov 06 j 01:56	10°♏17'28	0°58'16
minimum elong	-185 Nov 06 j 00:37	10°♏22'01	0°57'42
min. Earth dist.	-185 Nov 05 j 22:56	10°♏27'50	0.67659 AU
morning rise	-185 Nov 11 j 07:26	4°♏05'56	
direct	-185 Nov 15 j 20:19	2°♏14'52	
morning max el	-185 Nov 25 j 02:50	7°♏43'27	22°05'16
	-185 Dec 12 j 06:50	0°♐	
desc. node	-185 Dec 13 j 00:10	1°♐03'19	
morning set	-185 Dec 27 j 23:53	24°♐05'26	
	-185 Dec 31 j 14:54	0°♑	
max. Earth dist.	-184 Jan 02 j 19:07	3°♑37'03	1.41130 AU
superior conj	-184 Jan 10 j 13:17	16°♑59'26	-2°01'31
minimum elong	-184 Jan 10 j 13:50	17°♑01'50	2°01'30
	-184 Jan 17 j 17:16	0°♒	
evening rise	-184 Jan 20 j 22:53	6°♒00'35	
asc. node	-184 Jan 30 j 04:49	22°♒33'49	
	-184 Feb 04 j 09:19	0°♓	
evening max el	-184 Feb 06 j 06:27	2°♓02'50	18°15'07
retrograde	-184 Feb 13 j 07:23	5°♓34'01	
evening set	-184 Feb 15 j 21:01	5°♓06'51	
inferior conj	-184 Feb 22 j 20:57	0°♓22'43	3°33'54
minimum elong	-184 Feb 22 j 23:33	0°♓17'00	3°33'34
	-184 Feb 23 j 07:16	30°℞♒	
min. Earth dist.	-184 Feb 26 j 06:03	27°♒26'14	0.59813 AU
morning rise	-184 Feb 29 j 23:57	24°♒43'37	
direct	-184 Mar 07 j 12:39	22°♒45'56	
desc. node	-184 Mar 09 j 23:21	23°♒01'49	
	-184 Mar 21 j 06:26	0°♓	
morning max el	-184 Mar 21 j 19:34	0°♓31'46	27°20'05
	-184 Apr 11 j 22:14	0°♈	
morning set	-184 Apr 22 j 00:00	19°♈23'13	
	-184 Apr 26 j 23:20	0°♉	
asc. node	-184 Apr 27 j 04:08	0°♉26'06	
max. Earth dist.	-184 Apr 28 j 13:47	3°♉30'07	1.32340 AU
superior conj	-184 Apr 29 j 03:19	4°♉44'17	0°20'41
minimum elong	-184 Apr 29 j 02:23	4°♉39'14	0°20'30
evening rise	-184 May 06 j 00:54	19°♉42'01	
	-184 May 11 j 02:32	0°♊	
	-184 May 30 j 08:21	0°♋	
evening max el	-184 Jun 03 j 02:07	3°♋55'48	25°52'58
desc. node	-184 Jun 05 j 22:38	6°♋25'57	
retrograde	-184 Jun 17 j 03:29	11°♋08'15	
evening set	-184 Jun 23 j 04:37	9°♋40'09	
min. Earth dist.	-184 Jun 27 j 14:40	7°♋00'07	0.58728 AU
inferior conj	-184 Jun 30 j 21:53	4°♋34'37	-4°44'07
minimum elong	-184 Jun 30 j 21:48	4°♋34'48	4°44'07
morning rise	-184 Jul 08 j 17:23	0°♋10'13	
	-184 Jul 09 j 10:58	30°℞♊	
direct	-184 Jul 11 j 05:39	29°♊49'29	
	-184 Jul 12 j 23:32	0°♋	
morning max el	-184 Jul 19 j 07:52	3°♋40'09	18°36'26
asc. node	-184 Jul 24 j 03:20	9°♋25'23	
morning set	-184 Aug 04 j 14:13	29°♋34'31	
	-184 Aug 04 j 19:28	0°♌	
superior conj	-184 Aug 13 j 10:10	16°♌32'18	1°43'27
minimum elong	-184 Aug 13 j 12:07	16°♌41'26	1°43'23
max. Earth dist.	-184 Aug 20 j 15:25	29°♌38'02	1.39735 AU
	-184 Aug 20 j 20:26	0°♍	
evening rise	-184 Aug 24 j 19:34	6°♍48'12	
desc. node	-184 Sep 01 j 21:59	19°♍56'34	
	-184 Sep 08 j 12:59	0°♎	
evening max el	-184 Sep 28 j 21:39	26°♎13'40	23°54'38
	-184 Oct 03 j 05:32	0°♏	
retrograde	-184 Oct 09 j 18:39	2°♏37'40	
evening set	-184 Oct 14 j 23:32	0°♏27'12	
	-184 Oct 15 j 11:43	30°℞♎	
inferior conj	-184 Oct 20 j 08:41	24°♎05'18	0°05'20
minimum elong	-184 Oct 20 j 08:33	24°♎05'45	0°05'15
transit middle	-184 Oct 20 j 08:33	24°♎05'45	0°05'15
transit begin	-184 Oct 20 j 05:59	24°♎14'30	
transit end	-184 Oct 20 j 11:08	23°♎57'00	
min. Earth dist.	-184 Oct 19 j 19:22	24°♎50'34	0.67552 AU
asc. node	-184 Oct 20 j 02:31	24°♎26'15	
morning rise	-184 Oct 25 j 17:32	17°♎58'16	
direct	-184 Oct 29 j 16:49	16°♎28'57	
morning max el	-184 Nov 06 j 21:18	21°♎14'37	20°46'16
	-184 Nov 14 j 03:59	0°♏	
desc. node	-184 Nov 28 j 21:13	21°♏19'05	
	-184 Dec 04 j 13:19	0°♐	
morning set	-184 Dec 06 j 03:01	2°♐26'21	
max. Earth dist.	-184 Dec 15 j 00:06	16°♐32'05	1.42976 AU
superior conj	-184 Dec 21 j 17:12	27°♐36'44	-1°56'05
minimum elong	-184 Dec 21 j 13:12	27°♐19'54	1°55'54
	-184 Dec 23 j 03:09	0°♑	
evening rise	-183 Jan 02 j 16:04	18°♑20'44	
	-183 Jan 09 j 06:54	0°♒	
asc. node	-183 Jan 16 j 01:50	10°♒44'58	
evening max el	-183 Jan 19 j 17:51	15°♒08'54	18°07'50
retrograde	-183 Jan 26 j 07:31	18°♒33'46	
evening set	-183 Jan 29 j 01:41	17°♒57'18	
inferior conj	-183 Feb 04 j 12:19	12°♒52'02	3°50'28
minimum elong	-183 Feb 04 j 12:38	12°♒51'13	3°50'27
min. Earth dist.	-183 Feb 07 j 11:24	9°♒54'29	0.61898 AU
morning rise	-183 Feb 10 j 22:22	6°♒58'19	
direct	-183 Feb 17 j 21:23	4°♒28'44	
desc. node	-183 Feb 24 j 20:23	6°♒38'12	
morning max el	-183 Mar 03 j 22:57	12°♒19'49	27°46'28
	-183 Mar 17 j 23:46	0°♓	
	-183 Apr 04 j 05:45	0°♈	
morning set	-183 Apr 06 j 04:05	3°♈53'16	
max. Earth dist.	-183 Apr 12 j 00:06	16°♈10'40	1.32596 AU
superior conj	-183 Apr 13 j 13:34	19°♈33'50	-0°05'07
minimum elong	-183 Apr 13 j 13:48	19°♈35'07	0°05'04
behind sun begin	-183 Apr 13 j 08:56	19°♈08'34	
behind sun end	-183 Apr 13 j 18:41	20°♈01'42	
asc. node	-183 Apr 14 j 01:10	20°♈36'55	
	-183 Apr 18 j 08:41	0°♉	
evening rise	-183 Apr 20 j 12:24	4°♉36'30	
	-183 May 04 j 03:04	0°♊	
evening max el	-183 May 15 j 18:09	14°♊47'37	24°28'13
desc. node	-183 May 23 j 19:38	20°♊30'53	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-183 May 29 j 16:09	21°♊49'03	
evening set	-183 Jun 03 j 09:43	20°♊58'50	
min. Earth dist.	-183 Jun 09 j 05:33	18°♊02'30	0.56856 AU
inferior conj	-183 Jun 11 j 23:31	16°♊17'08	-4°23'29
minimum elong	-183 Jun 11 j 18:45	16°♊24'48	4°22'49
morning rise	-183 Jun 20 j 06:36	12°♊12'27	
direct	-183 Jun 22 j 21:06	11°♊53'52	
morning max el	-183 Jul 02 j 06:23	16°♊15'34	19°28'59
asc. node	-183 Jul 11 j 00:23	27°♊49'20	
	-183 Jul 12 j 07:01	0°♋	
morning set	-183 Jul 19 j 14:40	13°♋54'51	
superior conj	-183 Jul 27 j 16:23	0°♌03'17	1°47'14
minimum elong	-183 Jul 27 j 16:18	0°♌02'55	1°47'14
	-183 Jul 27 j 15:42	0°♌	
max. Earth dist.	-183 Aug 02 j 18:44	11°♌41'51	1.37739 AU
evening rise	-183 Aug 06 j 13:53	18°♌34'53	
	-183 Aug 13 j 06:13	0°♍	
desc. node	-183 Aug 19 j 18:59	10°♍22'20	
	-183 Sep 02 j 18:12	0°♎	
evening max el	-183 Sep 11 j 09:22	9°♎49'43	25°11'27
retrograde	-183 Sep 23 j 06:22	16°♎41'39	
evening set	-183 Sep 29 j 01:59	14°♎14'21	
min. Earth dist.	-183 Oct 03 j 13:26	9°♎12'46	0.67125 AU
inferior conj	-183 Oct 04 j 13:26	7°♎54'24	-0°49'59
minimum elong	-183 Oct 04 j 14:41	7°♎50'19	0°49'27
asc. node	-183 Oct 06 j 23:34	4°♎52'20	
morning rise	-183 Oct 10 j 03:30	1°♎54'45	
direct	-183 Oct 13 j 15:01	0°♎44'45	
morning max el	-183 Oct 20 j 23:31	4°♎56'17	19°39'46
	-183 Nov 08 j 02:11	0°♏	
morning set	-183 Nov 15 j 00:37	10°♏40'26	
desc. node	-183 Nov 15 j 18:15	11°♏48'44	
	-183 Nov 27 j 08:57	0°♐	
max. Earth dist.	-183 Nov 27 j 12:52	0°♐15'33	1.44310 AU
superior conj	-183 Dec 01 j 18:15	7°♐00'35	-1°33'00
minimum elong	-183 Dec 01 j 10:17	6°♐28'34	1°32'17
evening rise	-183 Dec 15 j 14:01	29°♐48'58	
	-183 Dec 15 j 16:38	0°♑	
asc. node	-182 Jan 02 j 22:52	28°♑07'49	
evening max el	-182 Jan 03 j 06:24	28°♑27'17	18°19'34
	-182 Jan 04 j 23:19	0°♒	
retrograde	-182 Jan 09 j 18:25	1°♒58'46	
evening set	-182 Jan 12 j 17:09	1°♒12'09	
	-182 Jan 14 j 12:48	30°℞♑	
inferior conj	-182 Jan 18 j 17:51	25°♑47'02	3°45'26
minimum elong	-182 Jan 18 j 16:23	25°♑51'10	3°45'18
min. Earth dist.	-182 Jan 21 j 02:13	23°♑08'57	0.63768 AU
morning rise	-182 Jan 24 j 15:00	19°♑44'08	
direct	-182 Jan 31 j 14:03	16°♑56'07	
desc. node	-182 Feb 11 j 17:26	22°♑22'25	
morning max el	-182 Feb 14 j 06:55	24°♑46'10	27°36'02
	-182 Feb 19 j 01:35	0°♒	
	-182 Mar 11 j 09:24	0°♓	
morning set	-182 Mar 21 j 01:10	17°♓58'37	
max. Earth dist.	-182 Mar 26 j 04:09	28°♓27'22	1.33254 AU
	-182 Mar 26 j 21:45	0°♈	
superior conj	-182 Mar 28 j 20:39	4°♈09'19	-0°31'51
minimum elong	-182 Mar 28 j 22:11	4°♈17'29	0°31'32
asc. node	-182 Mar 31 j 22:12	10°♈44'20	
evening rise	-182 Apr 05 j 00:01	19°♈26'43	
	-182 Apr 10 j 04:53	0°♉	
evening max el	-182 Apr 27 j 09:07	25°♉21'21	22°53'03
	-182 May 03 j 12:17	0°♊	
retrograde	-182 May 10 j 16:09	1°♊56'59	
desc. node	-182 May 10 j 16:39	1°♊56'59	
evening set	-182 May 13 j 23:52	1°♊32'49	
	-182 May 18 j 05:34	30°℞♉	
min. Earth dist.	-182 May 21 j 18:05	28°♉07'34	0.55510 AU
inferior conj	-182 May 23 j 05:59	27°♉15'53	-3°18'33
minimum elong	-182 May 22 j 22:45	27°♉26'19	3°16'37
morning rise	-182 Jun 01 j 00:03	23°♉22'06	
direct	-182 Jun 03 j 18:10	23°♉04'16	
morning max el	-182 Jun 14 j 18:11	28°♉10'26	20°42'16
	-182 Jun 16 j 14:00	0°♊	
asc. node	-182 Jun 27 j 21:27	16°♊49'15	
morning set	-182 Jul 03 j 20:55	28°♊33'53	
	-182 Jul 04 j 13:41	0°♋	
superior conj	-182 Jul 11 j 10:19	14°♋10'36	1°42'55
minimum elong	-182 Jul 11 j 08:48	14°♋02'50	1°42'51
max. Earth dist.	-182 Jul 16 j 02:24	23°♋31'32	1.35931 AU
	-182 Jul 19 j 11:23	0°♌	
evening rise	-182 Jul 20 j 04:57	1°♌22'12	
	-182 Aug 06 j 07:41	0°♍	
desc. node	-182 Aug 06 j 16:00	0°♍30'52	
evening max el	-182 Aug 24 j 20:57	23°♍25'53	26°17'06
	-182 Sep 03 j 06:13	0°♎	
retrograde	-182 Sep 06 j 13:15	0°♎36'04	
	-182 Sep 09 j 15:26	30°℞♍	
evening set	-182 Sep 12 j 23:04	27°♍55'44	
min. Earth dist.	-182 Sep 17 j 02:43	23°♍31'05	0.66361 AU
inferior conj	-182 Sep 18 j 14:19	21°♍41'29	-1°46'04
minimum elong	-182 Sep 18 j 17:01	21°♍33'13	1°44'59
asc. node	-182 Sep 23 j 20:38	16°♍15'33	
morning rise	-182 Sep 24 j 11:18	15°♍52'14	
direct	-182 Sep 27 j 13:12	14°♍58'13	
morning max el	-182 Oct 04 j 08:35	18°♍45'38	18°48'14
	-182 Oct 12 j 22:51	0°♎	
morning set	-182 Oct 25 j 16:14	19°♎53'18	
	-182 Nov 01 j 01:51	0°♏	
desc. node	-182 Nov 02 j 15:16	2°♏27'21	
superior conj	-182 Nov 10 j 22:25	15°♏30'15	-0°52'37
minimum elong	-182 Nov 10 j 15:50	15°♏04'21	0°51'47
max. Earth dist.	-182 Nov 10 j 06:17	14°♏26'48	1.44970 AU
	-182 Nov 20 j 02:24	0°♐	
evening rise	-182 Nov 26 j 12:55	10°♐18'22	
	-182 Dec 08 j 21:11	0°♑	
evening max el	-182 Dec 17 j 17:29	11°♑51'42	18°49'27
asc. node	-182 Dec 20 j 19:55	14°♑28'18	
retrograde	-182 Dec 24 j 11:55	15°♑40'36	
evening set	-182 Dec 27 j 16:11	14°♑42'43	
inferior conj	-181 Jan 02 j 09:46	9°♑00'11	3°24'59
minimum elong	-181 Jan 02 j 07:16	9°♑07'51	3°24'31
min. Earth dist.	-181 Jan 04 j 02:50	6°♑54'08	0.65286 AU
morning rise	-181 Jan 07 j 22:00	2°♑51'22	
	-181 Jan 14 j 05:22	30°℞♐	
direct	-181 Jan 14 j 13:29	29°♐59'35	
	-181 Jan 14 j 21:39	0°♑	
morning max el	-181 Jan 27 j 16:44	7°♑39'59	26°53'02
desc. node	-181 Jan 29 j 14:28	9°♑39'09	
	-181 Feb 14 j 01:44	0°♒	
	-181 Mar 03 j 17:18	0°♓	
morning set	-181 Mar 04 j 12:04	1°♓29'23	
max. Earth dist.	-181 Mar 08 j 22:14	10°♓11'01	1.34345 AU
superior conj	-181 Mar 12 j 22:31	18°♓24'28	-0°58'24
minimum elong	-181 Mar 13 j 01:17	18°♓38'53	0°57'54
	-181 Mar 18 j 10:48	0°♈	
asc. node	-181 Mar 18 j 19:15	0°♈44'25	
evening rise	-181 Mar 20 j 09:54	4°♈06'29	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-181 Apr 03 j 23:17	0°♉	
evening max el	-181 Apr 09 j 06:14	6°♉08'12	21°22'02
retrograde	-181 Apr 21 j 07:00	11°♉59'11	
evening set	-181 Apr 23 j 15:56	11°♉46'16	
desc. node	-181 Apr 27 j 13:40	10°♉34'34	
inferior conj	-181 May 03 j 01:05	7°♉45'58	-1°33'17
minimum elong	-181 May 02 j 20:43	7°♉52'06	1°31'46
min. Earth dist.	-181 May 03 j 06:59	7°♉37'40	0.54990 AU
morning rise	-181 May 12 j 01:56	3°♉45'36	
direct	-181 May 15 j 04:43	3°♉24'29	
morning max el	-181 May 27 j 19:18	9°♉23'37	22°13'01
	-181 Jun 11 j 11:42	0°♊	
asc. node	-181 Jun 14 j 18:31	6°♊16'13	
morning set	-181 Jun 18 j 06:51	13°♊25'35	
superior conj	-181 Jun 25 j 12:25	28°♊43'34	1°32'19
minimum elong	-181 Jun 25 j 10:06	28°♊31'25	1°32'05
	-181 Jun 26 j 02:57	0°♋	
max. Earth dist.	-181 Jun 28 j 18:41	5°♋31'08	1.34461 AU
evening rise	-181 Jul 03 j 11:54	14°♋57'31	
	-181 Jul 11 j 16:12	0°♌	
desc. node	-181 Jul 24 j 13:02	20°♌14'36	
	-181 Jul 31 j 23:51	0°♍	
evening max el	-181 Aug 07 j 08:46	6°♍55'24	27°03'55
retrograde	-181 Aug 20 j 15:00	14°♍14'17	
evening set	-181 Aug 27 j 12:29	11°♍28'16	
min. Earth dist.	-181 Aug 31 j 09:02	7°♍40'42	0.65239 AU
inferior conj	-181 Sep 02 j 09:17	5°♍23'27	-2°40'50
minimum elong	-181 Sep 02 j 13:14	5°♍12'10	2°39'26
	-181 Sep 08 j 05:17	30°℞♌	
morning rise	-181 Sep 08 j 14:41	29°♌47'35	
asc. node	-181 Sep 10 j 17:42	29°♌08'11	
direct	-181 Sep 11 j 09:19	29°♌05'53	
	-181 Sep 14 j 14:11	0°♍	
morning max el	-181 Sep 17 j 22:22	2°♍38'27	18°13'04
	-181 Oct 06 j 04:50	0°♎	
morning set	-181 Oct 06 j 12:19	0°♎30'52	
desc. node	-181 Oct 20 j 12:19	23°♎11'50	
superior conj	-181 Oct 21 j 00:59	24°♎02'04	-0°03'29
minimum elong	-181 Oct 21 j 00:32	24°♎00'17	0°03'26
behind sun begin	-181 Oct 20 j 13:45	23°♎17'29	
behind sun end	-181 Oct 21 j 11:19	24°♎43'02	
max. Earth dist.	-181 Oct 24 j 00:54	28°♎46'19	1.44896 AU
	-181 Oct 24 j 19:36	0°♏	
evening rise	-181 Nov 06 j 12:37	19°♏51'30	
	-181 Nov 13 j 01:23	0°♐	
greatest brilliancy	-181 Nov 18 j 17:19	8°♐41'00	-0.7m
evening max el	-181 Dec 01 j 00:58	25°♐18'56	19°36'03
asc. node	-181 Dec 07 j 16:58	29°♐31'35	
retrograde	-181 Dec 08 j 08:47	29°♐34'01	
evening set	-181 Dec 11 j 20:11	28°♐23'19	
inferior conj	-181 Dec 17 j 08:55	22°♐26'13	2°53'19
minimum elong	-181 Dec 17 j 06:06	22°♐35'26	2°52'34
min. Earth dist.	-181 Dec 18 j 11:51	20°♐58'03	0.66419 AU
morning rise	-181 Dec 22 j 15:46	16°♐13'57	
direct	-181 Dec 28 j 19:04	13°♐30'45	
morning max el	-180 Jan 10 j 02:00	20°♐48'17	25°45'12
desc. node	-180 Jan 16 j 11:31	28°♐01'33	
	-180 Jan 18 j 01:16	0°♑	
	-180 Feb 07 j 05:54	0°♒	
morning set	-180 Feb 15 j 08:19	14°♒12'06	
max. Earth dist.	-180 Feb 19 j 04:14	21°♒22'18	1.35888 AU
	-180 Feb 23 j 14:16	0°♓	
superior conj	-180 Feb 24 j 16:32	2°♓11'24	-1°23'14
minimum elong	-180 Feb 24 j 20:11	2°♓29'49	1°22'43

evening rise	-180 Mar 03 j 16:01	18°♓28'57	
asc. node	-180 Mar 04 j 16:18	20°♓32'09	
	-180 Mar 09 j 12:47	0°♈	
evening max el	-180 Mar 21 j 14:06	17°♈28'46	20°05'00
retrograde	-180 Mar 31 j 22:06	22°♈26'08	
evening set	-180 Apr 03 j 00:41	22°♈14'40	
inferior conj	-180 Apr 11 j 22:37	18°♈15'25	0°25'40
minimum elong	-180 Apr 11 j 23:46	18°♈13'41	0°25'16
desc. node	-180 Apr 13 j 10:43	17°♈21'05	
min. Earth dist.	-180 Apr 13 j 21:05	17°♈05'40	0.55436 AU
morning rise	-180 Apr 20 j 20:49	13°♈49'56	
direct	-180 Apr 24 j 18:51	13°♈16'14	
morning max el	-180 May 08 j 12:25	20°♈03'40	23°53'20
	-180 May 16 j 21:57	0°♉	
asc. node	-180 May 31 j 15:35	26°♉02'14	
morning set	-180 Jun 01 j 18:34	28°♉23'08	
	-180 Jun 02 j 12:55	0°♊	
superior conj	-180 Jun 08 j 19:46	13°♊32'08	1°16'45
minimum elong	-180 Jun 08 j 17:16	13°♊18'40	1°16'23
max. Earth dist.	-180 Jun 10 j 20:15	17°♊52'02	1.33385 AU
evening rise	-180 Jun 16 j 06:18	29°♊07'05	
	-180 Jun 16 j 16:51	0°♋	
	-180 Jul 03 j 18:54	0°♌	
desc. node	-180 Jul 10 j 10:04	9°♌22'00	
evening max el	-180 Jul 19 j 19:40	20°♌06'29	27°24'58
retrograde	-180 Aug 02 j 10:55	27°♌26'32	
evening set	-180 Aug 09 j 15:06	24°♌45'54	
min. Earth dist.	-180 Aug 13 j 06:22	21°♌32'11	0.63749 AU
inferior conj	-180 Aug 15 j 19:44	18°♌54'05	-3°31'27
minimum elong	-180 Aug 16 j 00:26	18°♌41'57	3°30'09
morning rise	-180 Aug 22 j 10:48	13°♌34'46	
direct	-180 Aug 25 j 00:42	13°♌01'57	
asc. node	-180 Aug 27 j 14:46	13°♌35'21	
morning max el	-180 Aug 31 j 14:02	16°♌27'52	17°55'17
	-180 Sep 10 j 04:48	0°♍	
morning set	-180 Sep 17 j 10:44	12°♍24'30	
	-180 Sep 27 j 19:02	0°♎	
superior conj	-180 Sep 29 j 22:19	3°♎31'44	0°41'59
minimum elong	-180 Sep 30 j 02:32	3°♎49'01	0°41'25
max. Earth dist.	-180 Oct 05 j 17:50	12°♎56'40	1.44108 AU
desc. node	-180 Oct 06 j 09:23	13°♎58'45	
evening rise	-180 Oct 15 j 21:04	28°♎50'00	
	-180 Oct 16 j 15:15	0°♏	
	-180 Nov 05 j 22:29	0°♐	
evening max el	-180 Nov 13 j 03:18	8°♐47'31	20°37'09
retrograde	-180 Nov 21 j 06:24	13°♐35'37	
asc. node	-180 Nov 23 j 14:00	13°♐05'06	
evening set	-180 Nov 25 j 02:59	12°♐10'02	
inferior conj	-180 Nov 30 j 12:44	6°♐01'33	2°13'22
minimum elong	-180 Nov 30 j 10:10	6°♐10'17	2°12'29
min. Earth dist.	-180 Dec 01 j 03:07	5°♐12'38	0.67175 AU
	-180 Dec 05 j 11:54	30°℞♏	
morning rise	-180 Dec 05 j 17:10	29°♏48'00	
direct	-180 Dec 11 j 05:52	27°♏22'02	
	-180 Dec 17 j 19:55	0°♐	
morning max el	-180 Dec 22 j 10:19	4°♐02'24	24°22'24
desc. node	-179 Jan 02 j 08:34	17°♐10'35	
	-179 Jan 11 j 08:39	0°♑	
morning set	-179 Jan 27 j 08:14	25°♑50'36	
	-179 Jan 29 j 16:48	0°♒	
max. Earth dist.	-179 Jan 31 j 01:06	2°♒25'02	1.37820 AU
superior conj	-179 Feb 06 j 23:22	15°♒21'08	-1°44'10
minimum elong	-179 Feb 07 j 03:06	15°♒39'06	1°43'48
	-179 Feb 14 j 10:13	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-179 Feb	15 j 15:58	2°♓27'27			-178 Jan	21 j 20:44	0°♒	
asc. node	-179 Feb	19 j 13:21	10°♓02'24		evening rise	-178 Jan	30 j 06:50	15°♒54'02	
evening max el	-179 Mar	04 j 09:02	29°♓27'50	19°06'33	asc. node	-178 Feb	06 j 10:22	29°♒08'16	
	-179 Mar	04 j 22:51	0°♈			-178 Feb	06 j 22:18	0°♓	
retrograde	-179 Mar	13 j 01:56	3°♈39'12		evening max el	-178 Feb	15 j 12:40	11°♓59'08	18°28'03
evening set	-179 Mar	15 j 07:47	3°♈23'42		retrograde	-178 Feb	23 j 00:44	15°♓40'24	
	-179 Mar	22 j 06:42	30°℞♓		evening set	-178 Feb	25 j 11:42	15°♓17'54	
inferior conj	-179 Mar	23 j 11:22	29°♓11'18	2°05'50	inferior conj	-178 Mar	04 j 20:51	10°♓45'32	3°11'35
minimum elong	-179 Mar	23 j 15:35	29°♓04'02	2°04'36	minimum elong	-178 Mar	05 j 00:36	10°♓37'57	3°10'51
min. Earth dist.	-179 Mar	26 j 12:35	27°♓06'12	0.56747 AU	min. Earth dist.	-178 Mar	08 j 07:08	8°♓01'23	0.58623 AU
desc. node	-179 Mar	31 j 07:44	24°♓26'01		morning rise	-178 Mar	12 j 10:57	5°♓18'52	
morning rise	-179 Mar	31 j 20:25	24°♓13'13		desc. node	-178 Mar	18 j 04:46	3°♓43'40	
direct	-179 Apr	05 j 21:20	23°♓13'45		direct	-178 Mar	18 j 12:53	3°♓43'22	
	-179 Apr	19 j 12:47	0°♈		morning max el	-178 Apr	01 j 20:58	11°♓21'47	26°48'38
morning max el	-179 Apr	20 j 03:02	0°♈33'43	25°30'15		-178 Apr	16 j 08:20	0°♈	
	-179 May	10 j 14:03	0°♉		morning set	-178 May	01 j 16:42	28°♈14'01	
morning set	-179 May	17 j 06:24	13°♉21'13			-178 May	02 j 12:51	0°♉	
asc. node	-179 May	18 j 12:38	16°♉01'37		asc. node	-178 May	05 j 09:41	6°♉09'06	
superior conj	-179 May	24 j 06:13	28°♉29'06	0°57'16	superior conj	-178 May	08 j 17:55	13°♉28'04	0°34'44
minimum elong	-179 May	24 j 04:02	28°♉17'08	0°56'53	minimum elong	-178 May	08 j 16:26	13°♉19'58	0°34'26
	-179 May	24 j 22:52	0°♊		max. Earth dist.	-178 May	08 j 17:35	13°♉26'16	1.32370 AU
max. Earth dist.	-179 May	25 j 05:03	0°♊33'44	1.32696 AU	evening rise	-178 May	15 j 16:17	28°♉27'50	
evening rise	-179 May	31 j 08:40	13°♊40'14			-178 May	16 j 09:57	0°♊	
	-179 Jun	08 j 19:05	0°♋			-178 Jun	02 j 04:55	0°♋	
desc. node	-179 Jun	27 j 07:05	27°♋37'54		evening max el	-178 Jun	14 j 05:14	14°♋43'53	26°31'31
	-179 Jun	29 j 09:47	0°♌		desc. node	-178 Jun	14 j 04:04	14°♋41'07	
evening max el	-179 Jul	02 j 03:24	2°♌46'23	27°14'47	retrograde	-178 Jun	28 j 05:09	21°♋58'17	
retrograde	-179 Jul	16 j 00:02	10°♌03'43		evening set	-178 Jul	04 j 19:48	20°♋07'49	
evening set	-179 Jul	23 j 03:02	7°♌41'46		min. Earth dist.	-178 Jul	08 j 18:25	17°♋30'16	0.59908 AU
min. Earth dist.	-179 Jul	26 j 17:25	4°♌53'25	0.61935 AU	inferior conj	-178 Jul	12 j 02:27	14°♋50'55	-4°40'00
inferior conj	-179 Jul	29 j 18:37	2°♌06'10	-4°13'31	minimum elong	-178 Jul	12 j 04:35	14°♋46'39	4°39'51
minimum elong	-179 Jul	29 j 22:57	1°♌56'14	4°12'44	morning rise	-178 Jul	19 j 15:21	10°♋13'42	
	-179 Aug	01 j 03:49	30°℞♋		direct	-178 Jul	22 j 03:05	9°♋51'03	
morning rise	-179 Aug	05 j 20:17	27°♋06'35		morning max el	-178 Jul	29 j 15:34	13°♋29'31	18°15'51
direct	-179 Aug	08 j 08:01	26°♋39'49		asc. node	-178 Aug	01 j 08:53	16°♋30'47	
asc. node	-179 Aug	14 j 11:49	29°♋27'44			-178 Aug	09 j 21:00	0°♌	
morning max el	-179 Aug	15 j 04:45	0°♌07'16	17°55'51	morning set	-178 Aug	14 j 14:53	8°♌51'18	
	-179 Aug	15 j 01:45	0°♌						
morning set	-179 Aug	31 j 05:26	25°♌16'18		superior conj	-178 Aug	24 j 00:42	26°♌27'15	1°36'48
	-179 Sep	02 j 20:05	0°♍		minimum elong	-178 Aug	24 j 03:55	26°♌41'53	1°36'35
						-178 Aug	25 j 23:52	0°♍	
superior conj	-179 Sep	10 j 22:52	14°♍21'44	1°15'55	max. Earth dist.	-178 Aug	31 j 14:36	9°♍48'29	1.40880 AU
minimum elong	-179 Sep	11 j 03:46	14°♍42'49	1°15'24	evening rise	-178 Sep	05 j 10:42	17°♍53'23	
max. Earth dist.	-179 Sep	18 j 06:55	26°♍42'09	1.42709 AU	desc. node	-178 Sep	10 j 03:26	25°♍26'04	
	-179 Sep	20 j 07:29	0°♎			-178 Sep	13 j 01:44	0°♎	
desc. node	-179 Sep	23 j 06:25	4°♎44'32			-178 Oct	04 j 11:05	0°♏	
evening rise	-179 Sep	25 j 06:59	7°♎56'26		evening max el	-178 Oct	09 j 15:17	5°♏46'50	23°08'27
	-179 Oct	09 j 21:20	0°♏		retrograde	-178 Oct	19 j 20:53	11°♏50'44	
evening max el	-179 Oct	26 j 23:52	22°♏16'26	21°49'29	evening set	-178 Oct	24 j 17:45	9°♏50'17	
retrograde	-179 Nov	05 j 02:54	27°♏42'00		asc. node	-178 Oct	28 j 08:03	5°♏52'03	
evening set	-179 Nov	09 j 10:43	25°♏59'36		inferior conj	-178 Oct	30 j 02:13	3°♏29'09	0°36'12
asc. node	-179 Nov	10 j 11:02	25°♏05'34		minimum elong	-178 Oct	30 j 01:23	3°♏32'03	0°35'50
inferior conj	-179 Nov	14 j 19:07	19°♏42'58	1°27'07	min. Earth dist.	-178 Oct	29 j 18:45	3°♏54'51	0.67654 AU
minimum elong	-179 Nov	14 j 17:14	19°♏49'28	1°26'22		-178 Nov	01 j 17:45	30°℞♎	
min. Earth dist.	-179 Nov	14 j 22:11	19°♏32'22	0.67580 AU	morning rise	-178 Nov	04 j 08:55	27°♎19'30	
morning rise	-179 Nov	19 j 23:36	13°♏30'17		direct	-178 Nov	08 j 15:49	25°♎38'00	
direct	-179 Nov	24 j 21:04	11°♏26'06			-178 Nov	16 j 15:27	0°♏	
morning max el	-179 Dec	04 j 20:00	17°♏20'44	22°54'35	morning max el	-178 Nov	17 j 10:37	0°♏47'06	21°30'29
	-179 Dec	15 j 06:58	0°♐		desc. node	-178 Dec	07 j 02:40	26°♏57'58	
desc. node	-179 Dec	20 j 05:37	6°♐52'23			-178 Dec	09 j 03:21	0°♐	
	-178 Jan	04 j 11:08	0°♑		morning set	-178 Dec	18 j 21:47	15°♐04'12	
morning set	-178 Jan	08 j 05:27	6°♑08'14		max. Earth dist.	-178 Dec	25 j 21:36	26°♐21'50	1.41969 AU
max. Earth dist.	-178 Jan	12 j 20:39	13°♑56'57	1.39944 AU		-178 Dec	28 j 02:07	0°♑	
superior conj	-178 Jan	20 j 14:34	27°♑41'22	-1°58'09	superior conj	-177 Jan	02 j 08:51	8°♑59'32	-2°01'08
minimum elong	-178 Jan	20 j 16:52	27°♑51'55	1°58'03	minimum elong	-177 Jan	02 j 07:38	8°♑54'16	2°01'08

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-177 Jan 13 j 09:09	28°♋41'17		
	-177 Jan 14 j 02:24	0°♒		
asc. node	-177 Jan 24 j 07:22	17°♒42'16		
evening max el	-177 Jan 29 j 22:02	24°♒54'45	18°09'31	
retrograde	-177 Feb 05 j 17:00	28°♒21'50		
evening set	-177 Feb 08 j 08:32	27°♒50'52		
inferior conj	-177 Feb 15 j 02:21	22°♒57'20	3°44'01	
minimum elong	-177 Feb 15 j 03:58	22°♒53'32	3°43'53	
min. Earth dist.	-177 Feb 18 j 07:56	19°♒57'36	0.60716 AU	
morning rise	-177 Feb 21 j 21:41	17°♒10'53		
direct	-177 Feb 28 j 15:53	14°♒58'37		
desc. node	-177 Mar 05 j 01:48	15°♒50'38		
morning max el	-177 Mar 14 j 21:11	22°♒47'19	27°35'54	
	-177 Mar 21 j 07:10	0°♓		
	-177 Apr 09 j 10:14	0°♈		
morning set	-177 Apr 15 j 23:41	12°♈54'56		
max. Earth dist.	-177 Apr 22 j 05:54	26°♈15'38	1.32404 AU	
asc. node	-177 Apr 22 j 06:42	26°♈20'03		
superior conj	-177 Apr 23 j 05:12	28°♈23'00	0°09'55	
minimum elong	-177 Apr 23 j 04:45	28°♈20'31	0°09'50	
behind sun begin	-177 Apr 23 j 00:46	27°♈58'42		
behind sun end	-177 Apr 23 j 08:44	28°♈42'20		
	-177 Apr 23 j 22:55	0°♉		
evening rise	-177 Apr 30 j 02:57	13°♉21'55		
	-177 May 08 j 12:58	0°♊		
evening max el	-177 May 27 j 00:01	25°♊55'54	25°19'02	
desc. node	-177 Jun 01 j 01:04	0°♋01'40		
	-177 Jun 01 j 00:03	0°♋		
retrograde	-177 Jun 10 j 00:47	3°♋05'28		
evening set	-177 Jun 15 j 13:47	1°♋53'54		
	-177 Jun 19 j 04:07	30°℞♊		
min. Earth dist.	-177 Jun 20 j 11:51	29°♊08'55	0.57886 AU	
inferior conj	-177 Jun 23 j 15:41	26°♊58'02	-4°40'16	
minimum elong	-177 Jun 23 j 13:37	27°♊01'38	4°40'08	
morning rise	-177 Jul 01 j 16:09	22°♊43'06		
direct	-177 Jul 04 j 05:18	22°♊23'26		
morning max el	-177 Jul 12 j 19:28	26°♊25'13	18°56'19	
	-177 Jul 16 j 01:19	0°♋		
asc. node	-177 Jul 19 j 05:56	4°♋28'59		
morning set	-177 Jul 29 j 10:48	22°♋57'23		
	-177 Aug 02 j 00:34	0°♌		
superior conj	-177 Aug 06 j 22:09	9°♌31'41	1°46'11	
minimum elong	-177 Aug 06 j 23:12	9°♌36'38	1°46'09	
max. Earth dist.	-177 Aug 13 j 17:45	22°♌09'50	1.38867 AU	
evening rise	-177 Aug 17 j 15:06	28°♌59'49		
	-177 Aug 18 j 05:08	0°♍		
desc. node	-177 Aug 28 j 00:27	15°♍58'48		
	-177 Sep 06 j 11:53	0°♎		
evening max el	-177 Sep 22 j 03:29	19°♎19'48	24°28'08	
retrograde	-177 Oct 03 j 11:16	25°♎57'27		
evening set	-177 Oct 08 j 22:23	23°♎39'18		
min. Earth dist.	-177 Oct 13 j 14:27	18°♎17'24	0.67407 AU	
inferior conj	-177 Oct 14 j 08:19	17°♎17'30	-0°17'58	
minimum elong	-177 Oct 14 j 08:46	17°♎16'02	0°17'46	
asc. node	-177 Oct 15 j 05:07	16°♎08'20		
morning rise	-177 Oct 19 j 19:11	11°♎13'23		
direct	-177 Oct 23 j 13:06	9°♎52'52		
morning max el	-177 Oct 31 j 08:28	14°♎23'07	20°16'19	
	-177 Nov 12 j 10:05	0°♏		
desc. node	-177 Nov 23 j 23:43	17°♏20'08		
morning set	-177 Nov 27 j 19:26	23°♏13'08		
	-177 Dec 02 j 03:54	0°♐		
max. Earth dist.	-177 Dec 08 j 05:48	9°♐38'15	1.43610 AU	
superior conj	-177 Dec 14 j 01:18	19°♐04'56	-1°48'34	
minimum elong	-177 Dec 13 j 19:16	18°♐40'04	1°48'11	
	-177 Dec 20 j 13:52	0°♑		
evening rise	-177 Dec 26 j 18:43	10°♑40'36		
	-176 Jan 07 j 05:18	0°♒		
asc. node	-176 Jan 11 j 04:23	5°♒34'46		
evening max el	-176 Jan 13 j 10:14	8°♒07'06	18°10'32	
retrograde	-176 Jan 19 j 22:20	11°♒33'41		
evening set	-176 Jan 22 j 18:15	10°♒53'11		
inferior conj	-176 Jan 29 j 00:18	5°♒39'22	3°50'33	
minimum elong	-176 Jan 28 j 23:46	5°♒40'46	3°50'32	
min. Earth dist.	-176 Jan 31 j 17:29	2°♒47'43	0.62724 AU	
	-176 Feb 03 j 18:29	30°℞♑		
morning rise	-176 Feb 04 j 04:18	29°♑40'57		
direct	-176 Feb 11 j 04:21	27°♑01'29		
	-176 Feb 19 j 07:45	0°♒		
desc. node	-176 Feb 19 j 22:51	0°♒26'20		
morning max el	-176 Feb 25 j 03:03	4°♒54'00	27°46'23	
	-176 Mar 15 j 00:23	0°♓		
morning set	-176 Mar 30 j 01:13	27°♓16'45		
	-176 Mar 31 j 09:18	0°♈		
max. Earth dist.	-176 Apr 04 j 14:03	8°♈48'16	1.32821 AU	
superior conj	-176 Apr 06 j 14:24	13°♈08'17	-0°16'23	
minimum elong	-176 Apr 06 j 15:11	13°♈12'29	0°16'13	
asc. node	-176 Apr 08 j 03:44	16°♈30'32		
evening rise	-176 Apr 13 j 14:46	28°♈16'05		
	-176 Apr 14 j 10:32	0°♉		
	-176 May 01 j 18:33	0°♊		
evening max el	-176 May 07 j 14:46	6°♊37'08	23°48'06	
desc. node	-176 May 17 j 22:04	13°♊03'38		
retrograde	-176 May 21 j 08:41	13°♊30'39		
evening set	-176 May 25 j 11:02	12°♊53'32		
min. Earth dist.	-176 Jun 01 j 01:39	9°♊46'04	0.56196 AU	
inferior conj	-176 Jun 03 j 08:49	8°♊22'10	-4°01'40	
minimum elong	-176 Jun 03 j 02:28	8°♊31'52	4°00'25	
morning rise	-176 Jun 11 j 20:47	4°♊23'43		
direct	-176 Jun 14 j 12:15	4°♊05'53		
morning max el	-176 Jun 24 j 13:47	8°♊45'19	19°57'43	
asc. node	-176 Jul 05 j 03:01	23°♊09'52		
	-176 Jul 08 j 19:55	0°♋		
morning set	-176 Jul 12 j 14:03	7°♋26'37		
superior conj	-176 Jul 20 j 09:56	23°♋20'04	1°46'16	
minimum elong	-176 Jul 20 j 09:09	23°♋16'14	1°46'15	
	-176 Jul 23 j 19:09	0°♌		
max. Earth dist.	-176 Jul 25 j 21:47	4°♌02'40	1.36934 AU	
evening rise	-176 Jul 29 j 18:55	11°♌14'22		
	-176 Aug 09 j 20:00	0°♍		
desc. node	-176 Aug 13 j 21:26	6°♍17'53		
	-176 Aug 31 j 18:51	0°♎		
evening max el	-176 Sep 03 j 14:56	2°♎56'12	25°41'14	
retrograde	-176 Sep 15 j 21:09	9°♎57'51		
evening set	-176 Sep 21 j 22:50	7°♎24'26		
min. Earth dist.	-176 Sep 26 j 06:54	2°♎38'09	0.66837 AU	
inferior conj	-176 Sep 27 j 11:41	1°♎06'10	-1°13'50	
minimum elong	-176 Sep 27 j 13:33	1°♎00'12	1°13'02	
	-176 Sep 28 j 08:32	30°℞♍		
asc. node	-176 Oct 01 j 02:12	26°♍52'52		
morning rise	-176 Oct 03 j 04:29	25°♍10'21		
direct	-176 Oct 06 j 11:32	24°♍07'41		
morning max el	-176 Oct 13 j 13:46	28°♍08'13	19°15'50	
	-176 Oct 15 j 06:56	0°♎		
	-176 Nov 04 j 19:15	0°♏		
morning set	-176 Nov 05 j 22:13	1°♏45'05		
desc. node	-176 Nov 09 j 20:45	7°♏53'53		
max. Earth dist.	-176 Nov 19 j 20:19	23°♏33'28	1.44672 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-176 Nov 22 j 15:56	28°♏01'08	-1°17'41
minimum elong	-176 Nov 22 j 07:43	27°♏28'32	1°16'48
	-176 Nov 23 j 21:50	0°♐	
evening rise	-176 Dec 07 j 07:08	21°♐43'41	
	-176 Dec 12 j 07:06	0°♑	
evening max el	-176 Dec 26 j 22:31	21°♑28'56	18°30'15
asc. node	-176 Dec 28 j 01:27	22°♑33'08	
retrograde	-175 Jan 02 j 12:22	25°♑06'31	
evening set	-175 Jan 05 j 13:17	24°♑15'22	
inferior conj	-175 Jan 11 j 10:40	18°♑42'53	3°38'21
minimum elong	-175 Jan 11 j 08:40	18°♑48'44	3°38'05
min. Earth dist.	-175 Jan 13 j 12:36	16°♑17'02	0.64456 AU
morning rise	-175 Jan 17 j 03:33	12°♑37'13	
direct	-175 Jan 24 j 00:17	9°♑45'31	
desc. node	-175 Feb 05 j 19:55	16°♑53'43	
morning max el	-175 Feb 06 j 11:58	17°♑33'12	27°21'19
	-175 Feb 16 j 22:36	0°♒	
	-175 Mar 07 j 20:27	0°♓	
morning set	-175 Mar 13 j 18:26	11°♓09'10	
max. Earth dist.	-175 Mar 18 j 14:01	20°♓50'48	1.33660 AU
superior conj	-175 Mar 21 j 19:34	27°♓36'34	-0°43'11
minimum elong	-175 Mar 21 j 21:39	27°♓47'32	0°42'47
	-175 Mar 22 j 22:37	0°♈	
asc. node	-175 Mar 26 j 00:46	6°♈35'37	
evening rise	-175 Mar 29 j 01:53	13°♈02'52	
	-175 Apr 06 j 18:35	0°♉	
evening max el	-175 Apr 19 j 07:44	17°♉14'02	22°13'11
retrograde	-175 May 02 j 03:48	23°♉32'05	
evening set	-175 May 04 j 23:41	23°♉14'25	
desc. node	-175 May 04 j 19:07	23°♉16'42	
min. Earth dist.	-175 May 13 j 14:28	19°♉32'53	0.55180 AU
inferior conj	-175 May 14 j 09:07	19°♉06'35	-2°37'46
minimum elong	-175 May 14 j 02:28	19°♉15'58	2°35'43
morning rise	-175 May 23 j 06:50	15°♉11'58	
direct	-175 May 26 j 03:42	14°♉53'22	
morning max el	-175 Jun 06 j 20:51	20°♉22'09	21°18'56
	-175 Jun 14 j 18:47	0°♊	
asc. node	-175 Jun 22 j 00:05	12°♊22'23	
morning set	-175 Jun 26 j 22:08	22°♊11'50	
	-175 Jun 30 j 15:48	0°♋	
superior conj	-175 Jul 04 j 07:44	7°♋39'26	1°39'06
minimum elong	-175 Jul 04 j 05:48	7°♋29'25	1°38'57
max. Earth dist.	-175 Jul 08 j 08:49	15°♋54'16	1.35267 AU
evening rise	-175 Jul 12 j 17:23	24°♋24'11	
	-175 Jul 15 j 17:30	0°♌	
desc. node	-175 Jul 31 j 18:27	26°♌16'57	
	-175 Aug 03 j 09:02	0°♍	
evening max el	-175 Aug 17 j 02:54	16°♍31'39	26°39'51
retrograde	-175 Aug 30 j 01:53	23°♍46'13	
evening set	-175 Sep 05 j 16:59	21°♍02'44	
min. Earth dist.	-175 Sep 09 j 17:38	16°♍53'41	0.65926 AU
inferior conj	-175 Sep 11 j 10:22	14°♍52'04	-2°09'37
minimum elong	-175 Sep 11 j 13:38	14°♍42'19	2°08'21
morning rise	-175 Sep 17 j 10:44	9°♍07'49	
asc. node	-175 Sep 17 j 23:17	8°♍52'11	
direct	-175 Sep 20 j 09:17	8°♍19'22	
morning max el	-175 Sep 27 j 01:05	11°♍59'27	18°31'09
	-175 Oct 09 j 20:50	0°♎	
morning set	-175 Oct 17 j 01:42	11°♎33'57	
desc. node	-175 Oct 27 j 17:47	28°♎35'29	
	-175 Oct 28 j 15:10	0°♏	
superior conj	-175 Nov 01 j 16:35	6°♏23'56	-0°32'05
minimum elong	-175 Nov 01 j 12:22	6°♏07'21	0°31'31
max. Earth dist.	-175 Nov 02 j 14:45	7°♏51'06	1.45029 AU
	-175 Nov 16 j 16:28	0°♐	
evening rise	-175 Nov 17 j 19:48	1°♐48'03	
greatest brilliancy	-175 Nov 27 j 02:53	16°♐29'03	-0.8m
	-175 Dec 06 j 05:44	0°♑	
evening max el	-175 Dec 10 j 08:23	4°♑55'29	19°07'26
asc. node	-175 Dec 14 j 22:31	8°♑23'02	
retrograde	-175 Dec 17 j 07:33	8°♑54'07	
evening set	-175 Dec 20 j 14:44	7°♑50'53	
inferior conj	-175 Dec 26 j 05:59	2°♑01'55	3°12'44
minimum elong	-175 Dec 26 j 03:17	2°♑10'30	3°12'07
min. Earth dist.	-175 Dec 27 j 16:52	0°♑11'43	0.65817 AU
	-175 Dec 27 j 20:38	30°℞♐	
morning rise	-175 Dec 31 j 15:34	25°♐51'42	
direct	-174 Jan 07 j 02:26	23°♐02'15	
	-174 Jan 19 j 07:52	0°♑	
morning max el	-174 Jan 19 j 21:32	0°♑33'52	26°26'42
desc. node	-174 Jan 23 j 16:59	4°♑41'09	
	-174 Feb 10 j 22:16	0°♒	
morning set	-174 Feb 24 j 23:41	24°♒21'03	
	-174 Feb 27 j 22:30	0°♓	
max. Earth dist.	-174 Mar 01 j 02:58	2°♓19'26	1.34952 AU
superior conj	-174 Mar 05 j 18:27	11°♓40'56	-1°09'14
minimum elong	-174 Mar 05 j 21:40	11°♓57'25	1°08'42
asc. node	-174 Mar 12 j 21:49	26°♓31'12	
evening rise	-174 Mar 13 j 10:25	27°♓36'16	
	-174 Mar 14 j 14:26	0°♈	
evening max el	-174 Apr 01 j 09:10	28°♈13'43	20°47'08
	-174 Apr 03 j 09:30	0°♉	
retrograde	-174 Apr 12 j 16:43	3°♉41'27	
evening set	-174 Apr 14 j 21:32	3°♉29'52	
desc. node	-174 Apr 21 j 16:09	0°♉54'48	
	-174 Apr 23 j 07:47	30°℞♈	
inferior conj	-174 Apr 24 j 03:21	29°♈32'09	-0°42'25
minimum elong	-174 Apr 24 j 01:20	29°♈35'01	0°41'41
min. Earth dist.	-174 Apr 25 j 03:31	28°♈57'39	0.55073 AU
morning rise	-174 May 03 j 04:30	25°♈23'17	
direct	-174 May 06 j 14:26	24°♈58'08	
	-174 May 18 j 06:36	0°♉	
morning max el	-174 May 19 j 17:49	1°♉18'28	22°55'06
	-174 Jun 07 j 21:32	0°♊	
asc. node	-174 Jun 08 j 21:07	1°♊58'15	
morning set	-174 Jun 11 j 09:01	7°♊06'48	
superior conj	-174 Jun 18 j 12:19	22°♊19'47	1°26'14
minimum elong	-174 Jun 18 j 09:52	22°♊06'42	1°25'57
max. Earth dist.	-174 Jun 21 j 05:28	28°♊03'42	1.33962 AU
	-174 Jun 22 j 03:49	0°♋	
evening rise	-174 Jun 26 j 05:40	8°♋15'27	
	-174 Jul 08 j 05:23	0°♌	
desc. node	-174 Jul 18 j 15:30	15°♌46'49	
evening max el	-174 Jul 30 j 14:43	29°♌55'25	27°16'24
	-174 Jul 30 j 16:38	0°♍	
retrograde	-174 Aug 13 j 00:57	7°♍14'34	
evening set	-174 Aug 20 j 02:11	4°♍29'27	
min. Earth dist.	-174 Aug 23 j 20:15	0°♍57'01	0.64653 AU
	-174 Aug 24 j 17:19	30°℞♌	
inferior conj	-174 Aug 26 j 02:02	28°♌30'05	-3°03'01
minimum elong	-174 Aug 26 j 06:25	28°♌18'07	3°01'37
morning rise	-174 Sep 01 j 11:24	23°♌00'49	
direct	-174 Sep 04 j 03:50	22°♌23'07	
asc. node	-174 Sep 04 j 20:21	22°♌25'37	
morning max el	-174 Sep 10 j 15:59	25°♌51'31	18°03'20
	-174 Sep 14 j 03:57	0°♍	
morning set	-174 Sep 28 j 09:39	22°♍46'13	
	-174 Oct 02 j 17:17	0°♎	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-174 Oct 12 j 01:05	15°♎14'33	0°16'55
minimum elong	-174 Oct 12 j 03:06	15°♎22'36	0°16'39
desc. node	-174 Oct 14 j 14:49	19°♎21'16	
max. Earth dist.	-174 Oct 16 j 09:39	22°♎11'16	1.44646 AU
	-174 Oct 21 j 08:50	0°♏	
evening rise	-174 Oct 28 j 11:28	11°♏02'41	
	-174 Nov 09 j 21:30	0°♐	
greatest brilliancy	-174 Nov 11 j 06:36	2°♐03'15	-0.6m
evening max el	-174 Nov 23 j 13:48	18°♐23'08	20°00'25
retrograde	-174 Dec 01 j 05:00	22°♐51'22	
asc. node	-174 Dec 01 j 19:35	22°♐49'16	
evening set	-174 Dec 04 j 20:09	21°♐34'21	
inferior conj	-174 Dec 10 j 07:22	15°♐31'50	2°37'15
minimum elong	-174 Dec 10 j 04:36	15°♐41'05	2°36'24
min. Earth dist.	-174 Dec 11 j 04:41	14°♐20'45	0.66786 AU
morning rise	-174 Dec 15 j 12:53	9°♐18'55	
direct	-174 Dec 21 j 10:04	6°♐42'35	
morning max el	-173 Jan 02 j 06:22	13°♐45'20	25°11'17
desc. node	-173 Jan 10 j 14:01	23°♐24'58	
	-173 Jan 15 j 11:52	0°♑	
	-173 Feb 03 j 17:33	0°♒	
morning set	-173 Feb 07 j 12:00	6°♒38'02	
max. Earth dist.	-173 Feb 11 j 04:45	13°♒24'23	1.36672 AU
superior conj	-173 Feb 17 j 08:08	25°♒12'54	-1°32'45
minimum elong	-173 Feb 17 j 11:57	25°♒31'49	1°32'16
	-173 Feb 19 j 17:47	0°♓	
evening rise	-173 Feb 25 j 14:12	11°♓49'26	
asc. node	-173 Feb 27 j 18:52	16°♓12'23	
	-173 Mar 07 j 08:27	0°♈	
evening max el	-173 Mar 14 j 21:47	9°♈50'26	19°37'42
retrograde	-173 Mar 24 j 12:23	14°♈27'08	
evening set	-173 Mar 26 j 15:42	14°♈14'26	
inferior conj	-173 Apr 04 j 06:08	10°♈10'25	1°11'51
minimum elong	-173 Apr 04 j 09:04	10°♈05'47	1°10'53
min. Earth dist.	-173 Apr 06 j 17:51	8°♈36'10	0.55899 AU
desc. node	-173 Apr 08 j 13:10	7°♈32'01	
morning rise	-173 Apr 12 j 23:53	5°♈31'25	
direct	-173 Apr 17 j 08:41	4°♈48'43	
morning max el	-173 May 01 j 09:13	11°♈51'35	24°35'58
	-173 May 15 j 05:13	0°♉	
morning set	-173 May 26 j 21:01	22°♉06'14	
asc. node	-173 May 26 j 18:09	21°♉51'10	
	-173 May 30 j 13:29	0°♊	
superior conj	-173 Jun 02 j 21:16	7°♊13'31	1°08'55
minimum elong	-173 Jun 02 j 18:50	7°♊00'22	1°08'32
max. Earth dist.	-173 Jun 04 j 10:38	10°♊35'41	1.33045 AU
evening rise	-173 Jun 10 j 03:50	22°♊36'47	
	-173 Jun 13 j 21:13	0°♋	
	-173 Jul 02 j 00:46	0°♌	
desc. node	-173 Jul 05 j 12:31	4°♌35'13	
evening max el	-173 Jul 13 j 00:26	12°♌54'55	27°24'32
retrograde	-173 Jul 26 j 18:03	20°♌14'09	
evening set	-173 Aug 02 j 23:07	17°♌39'23	
min. Earth dist.	-173 Aug 06 j 13:06	14°♌38'13	0.63019 AU
inferior conj	-173 Aug 09 j 07:58	11°♌54'18	-3°50'40
minimum elong	-173 Aug 09 j 12:42	11°♌42'40	3°49'32
morning rise	-173 Aug 16 j 03:30	6°♌43'19	
direct	-173 Aug 18 j 16:13	6°♌13'22	
asc. node	-173 Aug 22 j 17:22	7°♌31'24	
morning max el	-173 Aug 25 j 07:42	9°♌38'34	17°53'15
	-173 Sep 07 j 19:47	0°♍	
morning set	-173 Sep 10 j 17:26	5°♍07'06	
superior conj	-173 Sep 22 j 09:52	25°♍18'44	0°57'58
minimum elong	-173 Sep 22 j 14:48	25°♍39'22	0°57'22
	-173 Sep 25 j 05:36	0°♎	
max. Earth dist.	-173 Sep 29 j 01:17	6°♎13'36	1.43580 AU
desc. node	-173 Oct 01 j 11:52	10°♎08'22	
evening rise	-173 Oct 07 j 18:16	19°♎58'52	
	-173 Oct 14 j 07:28	0°♏	
	-173 Nov 04 j 20:19	0°♐	
evening max el	-173 Nov 06 j 13:33	1°♐51'12	21°06'41
retrograde	-173 Nov 15 j 02:27	6°♐55'22	
asc. node	-173 Nov 18 j 16:37	5°♐42'37	
evening set	-173 Nov 19 j 03:33	5°♐22'45	
	-173 Nov 23 j 21:57	30°℞♏	
inferior conj	-173 Nov 24 j 12:31	29°♏10'05	1°54'24
minimum elong	-173 Nov 24 j 10:12	29°♏18'03	1°53'32
min. Earth dist.	-173 Nov 24 j 21:54	28°♏37'49	0.67388 AU
morning rise	-173 Nov 29 j 16:40	22°♏56'28	
direct	-173 Dec 04 j 22:45	20°♏39'39	
morning max el	-173 Dec 15 j 15:02	27°♏01'39	23°45'03
	-173 Dec 18 j 09:32	0°♐	
desc. node	-173 Dec 28 j 11:04	12°♐49'09	
	-172 Jan 09 j 03:30	0°♑	
morning set	-172 Jan 20 j 01:13	17°♑43'38	
max. Earth dist.	-172 Jan 23 j 23:56	24°♑34'33	1.38710 AU
	-172 Jan 27 j 00:36	0°♒	
superior conj	-172 Jan 31 j 08:50	8°♒02'22	-1°51'11
minimum elong	-172 Jan 31 j 12:11	8°♒18'12	1°50'56
evening rise	-172 Feb 09 j 10:39	25°♒35'00	
	-172 Feb 11 j 17:19	0°♓	
asc. node	-172 Feb 14 j 15:54	5°♓33'05	
evening max el	-172 Feb 25 j 20:39	22°♓03'39	18°47'46
retrograde	-172 Mar 05 j 00:10	26°♓00'33	
evening set	-172 Mar 07 j 07:58	25°♓42'31	
inferior conj	-172 Mar 15 j 03:27	21°♓22'12	2°38'10
minimum elong	-172 Mar 15 j 07:49	21°♓14'09	2°37'03
min. Earth dist.	-172 Mar 18 j 10:37	18°♓57'41	0.57483 AU
morning rise	-172 Mar 23 j 04:41	16°♓10'35	
desc. node	-172 Mar 25 j 10:12	15°♓23'02	
direct	-172 Mar 28 j 16:45	14°♓56'35	
morning max el	-172 Apr 12 j 00:49	22°♓26'47	26°06'51
	-172 Apr 18 j 17:16	0°♈	
	-172 May 06 j 21:55	0°♉	
morning set	-172 May 10 j 08:24	7°♉03'06	
asc. node	-172 May 12 j 15:10	11°♉54'44	
superior conj	-172 May 17 j 08:27	22°♉12'30	0°48'04
minimum elong	-172 May 17 j 06:31	22°♉01'55	0°47'41
max. Earth dist.	-172 May 17 j 21:17	23°♉22'52	1.32505 AU
	-172 May 20 j 22:16	0°♊	
evening rise	-172 May 24 j 08:42	7°♊17'09	
	-172 Jun 05 j 09:06	0°♋	
desc. node	-172 Jun 21 j 09:31	22°♋23'42	
evening max el	-172 Jun 24 j 05:42	25°♋17'24	27°00'17
	-172 Jun 30 j 04:52	0°♌	
retrograde	-172 Jul 08 j 04:16	2°♌34'26	
evening set	-172 Jul 15 j 03:29	0°♌24'15	
	-172 Jul 15 j 18:46	30°℞♋	
min. Earth dist.	-172 Jul 18 j 19:44	27°♋42'37	0.61090 AU
inferior conj	-172 Jul 22 j 00:53	24°♋55'59	-4°27'13
minimum elong	-172 Jul 22 j 04:32	24°♋48'02	4°26'43
morning rise	-172 Jul 29 j 07:19	20°♋05'56	
direct	-172 Jul 31 j 18:40	19°♋41'16	
morning max el	-172 Aug 07 j 21:11	23°♋12'15	18°01'52
asc. node	-172 Aug 08 j 14:24	23°♋55'50	
	-172 Aug 13 j 06:43	0°♌	
morning set	-172 Aug 23 j 18:59	18°♌18'48	
	-172 Aug 30 j 03:41	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-172 Sep	02 j 21:47	6°♍42'47	1°26'19
minimum elong	-172 Sep	03 j 02:07	7°♍01'55	1°25'54
max. Earth dist.	-172 Sep	10 j 11:28	19°♍41'26	1.41970 AU
evening rise	-172 Sep	16 j 10:10	29°♍22'39	
	-172 Sep	16 j 19:33	0°♎	
desc. node	-172 Sep	17 j 08:53	0°♎53'00	
	-172 Oct	06 j 22:24	0°♏	
evening max el	-172 Oct	19 j 07:41	15°♏20'38	22°22'35
retrograde	-172 Oct	28 j 22:08	21°♏03'13	
evening set	-172 Nov	02 j 11:11	19°♏13'26	
asc. node	-172 Nov	04 j 13:37	17°♏08'17	
inferior conj	-172 Nov	07 j 19:26	12°♏54'20	1°06'00
minimum elong	-172 Nov	07 j 17:58	12°♏59'26	1°05'23
min. Earth dist.	-172 Nov	07 j 18:01	12°♏59'15	0.67648 AU
morning rise	-172 Nov	13 j 00:36	6°♏42'21	
direct	-172 Nov	17 j 15:42	4°♏47'48	
morning max el	-172 Nov	27 j 02:22	10°♏23'08	22°17'50
	-172 Dec	12 j 11:09	0°♐	
desc. node	-172 Dec	14 j 08:08	2°♐42'23	
morning set	-172 Dec	30 j 09:58	27°♐25'42	
	-172 Dec	31 j 23:50	0°♑	
max. Earth dist.	-171 Jan	04 j 20:40	6°♑25'44	1.40829 AU
superior conj	-171 Jan	12 j 15:50	19°♑58'14	-2°01'02
minimum elong	-171 Jan	12 j 16:55	20°♑03'03	2°01'02
	-171 Jan	18 j 03:59	0°♒	
evening rise	-171 Jan	22 j 20:40	8°♒45'59	
asc. node	-171 Jan	31 j 12:56	24°♒26'50	
	-171 Feb	04 j 03:25	0°♓	
evening max el	-171 Feb	08 j 03:11	4°♓47'01	18°17'50
retrograde	-171 Feb	15 j 06:34	8°♓20'08	
evening set	-171 Feb	17 j 19:34	7°♓54'12	
inferior conj	-171 Feb	24 j 21:47	3°♓13'14	3°28'59
minimum elong	-171 Feb	25 j 00:43	3°♓06'55	3°28'34
min. Earth dist.	-171 Feb	28 j 07:38	0°♓19'05	0.59503 AU
	-171 Feb	28 j 17:08	30°♓℞	
morning rise	-171 Mar	04 j 03:37	27°♒37'07	
direct	-171 Mar	10 j 13:57	25°♒44'59	
desc. node	-171 Mar	12 j 07:14	25°♒52'48	
	-171 Mar	20 j 21:49	0°♓	
morning max el	-171 Mar	24 j 21:11	3°♓29'06	27°13'01
	-171 Apr	13 j 05:57	0°♈	
morning set	-171 Apr	24 j 17:30	21°♈51'32	
	-171 Apr	28 j 13:20	0°♉	
asc. node	-171 Apr	29 j 12:13	2°♉04'22	
superior conj	-171 May	01 j 20:11	7°♉10'39	0°24'28
minimum elong	-171 May	01 j 19:06	7°♉04'45	0°24'14
max. Earth dist.	-171 May	01 j 10:01	6°♉14'54	1.32335 AU
evening rise	-171 May	08 j 17:51	22°♉08'29	
	-171 May	12 j 13:50	0°♊	
	-171 May	30 j 22:43	0°♋	
evening max el	-171 Jun	06 j 04:39	6°♋55'41	26°03'52
desc. node	-171 Jun	08 j 06:30	8°♋47'35	
retrograde	-171 Jun	20 j 05:47	14°♋08'34	
evening set	-171 Jun	26 j 10:48	12°♋34'39	
min. Earth dist.	-171 Jun	30 j 17:25	9°♋55'46	0.59031 AU
inferior conj	-171 Jul	04 j 01:11	7°♋26'07	-4°44'07
minimum elong	-171 Jul	04 j 01:44	7°♋25'05	4°44'05
morning rise	-171 Jul	11 j 18:58	2°♋58'18	
direct	-171 Jul	14 j 07:03	2°♋37'06	
morning max el	-171 Jul	22 j 05:22	6°♋24'17	18°30'23
asc. node	-171 Jul	26 j 11:27	11°♋24'01	
	-171 Aug	06 j 06:38	0°♌	
morning set	-171 Aug	07 j 09:21	2°♌08'16	
superior conj	-171 Aug	16 j 08:37	19°♌15'02	1°42'04
minimum elong	-171 Aug	16 j 10:54	19°♌25'39	1°41'56
	-171 Aug	22 j 06:59	0°♍	
max. Earth dist.	-171 Aug	23 j 16:43	2°♍27'41	1.40038 AU
evening rise	-171 Aug	28 j 00:10	9°♍48'42	
desc. node	-171 Sep	04 j 05:53	21°♍31'23	
	-171 Sep	09 j 18:49	0°♎	
evening max el	-171 Oct	01 j 21:36	28°♎52'37	23°42'46
	-171 Oct	03 j 01:27	0°♏	
retrograde	-171 Oct	12 j 14:37	5°♏11'25	
evening set	-171 Oct	17 j 17:24	3°♏03'33	
	-171 Oct	20 j 14:33	30°♐℞	
asc. node	-171 Oct	22 j 10:40	27°♎35'14	
min. Earth dist.	-171 Oct	22 j 14:33	27°♎22'02	0.67590 AU
inferior conj	-171 Oct	23 j 02:21	26°♎41'51	0°13'31
minimum elong	-171 Oct	23 j 02:01	26°♎42'57	0°13'23
transit middle	-171 Oct	23 j 02:01	26°♎42'57	0°13'23
transit begin	-171 Oct	23 j 00:28	26°♎48'14	
transit end	-171 Oct	23 j 03:34	26°♎37'40	
morning rise	-171 Oct	28 j 10:34	20°♎34'06	
direct	-171 Nov	01 j 11:49	19°♎01'36	
morning max el	-171 Nov	09 j 19:44	23°♎52'57	20°57'21
	-171 Nov	15 j 02:30	0°♏	
desc. node	-171 Dec	01 j 05:10	22°♏55'48	
	-171 Dec	05 j 20:37	0°♐	
morning set	-171 Dec	09 j 15:59	5°♐54'04	
max. Earth dist.	-171 Dec	18 j 00:42	19°♐13'50	1.42732 AU
superior conj	-171 Dec	24 j 23:38	0°♑46'40	-1°57'58
minimum elong	-171 Dec	24 j 20:22	0°♑32'53	1°57'51
	-171 Dec	24 j 12:35	0°♑	
evening rise	-170 Jan	05 j 16:21	21°♑13'38	
	-170 Jan	10 j 14:35	0°♒	
asc. node	-170 Jan	18 j 09:59	12°♒44'34	
evening max el	-170 Jan	22 j 14:11	17°♒50'54	18°07'38
retrograde	-170 Jan	29 j 04:51	21°♒15'50	
evening set	-170 Jan	31 j 22:22	20°♒40'46	
inferior conj	-170 Feb	07 j 10:45	15°♒38'23	3°49'26
minimum elong	-170 Feb	07 j 11:24	15°♒36'46	3°49'25
min. Earth dist.	-170 Feb	10 j 11:39	12°♒39'43	0.61601 AU
morning rise	-170 Feb	13 j 23:06	9°♒46'26	
direct	-170 Feb	20 j 21:14	7°♒21'01	
desc. node	-170 Feb	27 j 04:18	9°♒07'00	
morning max el	-170 Mar	06 j 23:46	15°♒11'18	27°44'54
	-170 Mar	19 j 01:23	0°♓	
	-170 Apr	05 j 17:37	0°♈	
morning set	-170 Apr	08 j 22:25	6°♈24'36	
max. Earth dist.	-170 Apr	14 j 21:01	18°♈58'16	1.32534 AU
superior conj	-170 Apr	16 j 06:47	22°♈01'45	-0°01'07
minimum elong	-170 Apr	16 j 06:50	22°♈02'02	0°01'06
behind sun begin	-170 Apr	16 j 01:44	21°♈34'18	
behind sun end	-170 Apr	16 j 11:55	22°♈29'46	
asc. node	-170 Apr	16 j 09:17	22°♈15'26	
	-170 Apr	19 j 22:27	0°♉	
evening rise	-170 Apr	23 j 05:14	7°♉03'13	
	-170 May	05 j 06:56	0°♊	
evening max el	-170 May	18 j 21:19	17°♊52'21	24°41'53
desc. node	-170 May	26 j 03:30	23°♊13'52	
retrograde	-170 Jun	01 j 20:13	24°♊56'11	
evening set	-170 Jun	06 j 19:07	24°♊00'42	
min. Earth dist.	-170 Jun	12 j 08:47	21°♊07'50	0.57106 AU
inferior conj	-170 Jun	15 j 05:53	19°♊15'24	-4°29'21
minimum elong	-170 Jun	15 j 01:47	19°♊22'08	4°28'52
morning rise	-170 Jun	23 j 11:14	15°♊08'20	
direct	-170 Jun	26 j 01:26	14°♊49'28	
morning max el	-170 Jul	05 j 05:23	19°♊05'27	19°19'54
asc. node	-170 Jul	13 j 08:32	29°♊41'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-170 Jul 13 j 12:57	0°♋		
morning set	-170 Jul 22 j 08:48	16°♋25'51		
	-170 Jul 29 j 04:05	0°♌		
superior conj	-170 Jul 30 j 12:47	2°♌40'15	1°47'14	
minimum elong	-170 Jul 30 j 12:59	2°♌41'14	1°47'13	
max. Earth dist.	-170 Aug 05 j 20:04	14°♌36'52	1.38026 AU	
evening rise	-170 Aug 09 j 15:04	21°♌25'50		
	-170 Aug 14 j 15:06	0°♍		
desc. node	-170 Aug 22 j 02:53	11°♍59'31		
	-170 Sep 03 j 17:23	0°♎		
evening max el	-170 Sep 14 j 09:25	12°♎28'24	25°00'27	
retrograde	-170 Sep 26 j 03:02	19°♎16'46		
evening set	-170 Oct 01 j 20:30	16°♎51'41		
min. Earth dist.	-170 Oct 06 j 09:07	11°♎44'53	0.67214 AU	
inferior conj	-170 Oct 07 j 07:32	10°♎31'09	-0°41'31	
minimum elong	-170 Oct 07 j 08:34	10°♎27'46	0°41'04	
asc. node	-170 Oct 09 j 07:44	7°♎57'17		
morning rise	-170 Oct 12 j 20:43	4°♎30'22		
direct	-170 Oct 16 j 09:50	3°♎17'46		
morning max el	-170 Oct 23 j 20:53	7°♎33'38	19°48'45	
	-170 Nov 09 j 08:14	0°♏		
desc. node	-170 Nov 18 j 02:13	13°♏23'48		
morning set	-170 Nov 18 j 12:45	14°♏04'31		
	-170 Nov 28 j 17:18	0°♐		
max. Earth dist.	-170 Nov 30 j 12:30	2°♐51'25	1.44153 AU	
superior conj	-170 Dec 05 j 04:33	10°♐20'45	-1°37'42	
minimum elong	-170 Dec 04 j 20:56	9°♐49'59	1°37'03	
	-170 Dec 17 j 01:19	0°♑		
evening rise	-170 Dec 18 j 17:27	2°♑50'11		
asc. node	-169 Jan 05 j 07:02	0°♒15'38		
	-169 Jan 05 j 01:26	0°♒		
evening max el	-169 Jan 06 j 02:43	1°♒07'47	18°16'37	
retrograde	-169 Jan 12 j 14:30	4°♒37'44		
evening set	-169 Jan 15 j 12:29	3°♒52'44		
	-169 Jan 20 j 05:31	30°℞♑		
inferior conj	-169 Jan 21 j 14:28	28°♑30'22	3°47'16	
minimum elong	-169 Jan 21 j 13:13	28°♑33'49	3°47'11	
min. Earth dist.	-169 Jan 24 j 01:07	25°♑48'20	0.63509 AU	
morning rise	-169 Jan 27 j 13:15	22°♑28'24		
direct	-169 Feb 03 j 12:44	19°♑42'15		
desc. node	-169 Feb 14 j 01:22	24°♑34'30		
morning max el	-169 Feb 17 j 07:21	27°♑33'13	27°39'49	
	-169 Feb 19 j 15:30	0°♒		
	-169 Mar 12 j 17:44	0°♓		
morning set	-169 Mar 23 j 20:47	20°♓34'42		
	-169 Mar 28 j 11:09	0°♈		
max. Earth dist.	-169 Mar 29 j 02:22	1°♈20'03	1.33128 AU	
superior conj	-169 Mar 31 j 14:29	6°♈40'03	-0°27'47	
minimum elong	-169 Mar 31 j 15:49	6°♈47'11	0°27'30	
asc. node	-169 Apr 03 j 06:20	12°♈23'54		
evening rise	-169 Apr 07 j 16:59	21°♈54'48		
	-169 Apr 11 j 15:30	0°♉		
evening max el	-169 Apr 30 j 11:56	28°♉26'47	23°07'16	
	-169 May 02 j 04:55	0°♊		
desc. node	-169 May 13 j 00:33	5°♊06'06		
retrograde	-169 May 13 j 22:19	5°♊07'58		
evening set	-169 May 17 j 10:36	4°♊40'55		
min. Earth dist.	-169 May 24 j 21:29	1°♊20'41	0.55658 AU	
inferior conj	-169 May 26 j 14:54	0°♊20'19	-3°31'21	
minimum elong	-169 May 26 j 07:44	0°♊30'48	3°29'34	
	-169 May 27 j 04:51	30°℞♉		
morning rise	-169 Jun 04 j 07:28	26°♉26'00		
direct	-169 Jun 07 j 00:47	26°♉08'16		
	-169 Jun 16 j 12:09	0°♊		
morning max el	-169 Jun 17 j 18:56	1°♊07'07	20°30'14	
asc. node	-169 Jun 30 j 05:36	18°♊37'03		
	-169 Jul 06 j 02:04	0°♋		
morning set	-169 Jul 06 j 14:22	1°♋02'42		
superior conj	-169 Jul 14 j 05:17	16°♋43'18	1°44'01	
minimum elong	-169 Jul 14 j 03:57	16°♋36'29	1°43'58	
max. Earth dist.	-169 Jul 19 j 02:36	26°♋26'29	1.36176 AU	
	-169 Jul 20 j 23:05	0°♌		
evening rise	-169 Jul 23 j 03:22	4°♌05'08		
	-169 Aug 07 j 13:02	0°♍		
desc. node	-169 Aug 08 j 23:54	2°♍11'15		
evening max el	-169 Aug 27 j 20:54	26°♍04'54	26°08'17	
	-169 Sep 01 j 10:36	0°♎		
retrograde	-169 Sep 09 j 10:47	3°♎13'24		
evening set	-169 Sep 15 j 18:34	0°♎34'33		
	-169 Sep 16 j 10:05	30°℞♍		
min. Earth dist.	-169 Sep 19 j 23:18	26°♍04'20	0.66498 AU	
inferior conj	-169 Sep 21 j 09:08	24°♍19'04	-1°37'34	
minimum elong	-169 Sep 21 j 11:37	24°♍11'23	1°36'34	
asc. node	-169 Sep 26 j 04:48	19°♍09'29		
morning rise	-169 Sep 27 j 05:00	18°♍28'05		
direct	-169 Sep 30 j 08:07	17°♍32'00		
morning max el	-169 Oct 07 j 05:07	21°♍22'34	18°54'51	
	-169 Oct 14 j 01:20	0°♎		
morning set	-169 Oct 29 j 00:38	23°♎05'59		
	-169 Nov 02 j 09:48	0°♏		
desc. node	-169 Nov 04 j 23:15	4°♏01'29		
max. Earth dist.	-169 Nov 13 j 05:13	16°♏59'06	1.44917 AU	
superior conj	-169 Nov 14 j 10:57	18°♏56'09	-0°59'35	
minimum elong	-169 Nov 14 j 03:44	18°♏27'43	0°58'43	
	-169 Nov 21 j 10:38	0°♐		
evening rise	-169 Nov 29 j 19:56	13°♐28'42		
	-169 Dec 10 j 01:42	0°♑		
evening max el	-169 Dec 20 j 14:11	14°♑31'52	18°43'56	
asc. node	-169 Dec 23 j 04:04	16°♑46'47		
retrograde	-169 Dec 27 j 07:16	18°♑17'41		
evening set	-169 Dec 30 j 10:35	17°♑21'40		
inferior conj	-168 Jan 05 j 05:04	11°♑41'40	3°28'54	
minimum elong	-168 Jan 05 j 02:41	11°♑48'55	3°28'28	
min. Earth dist.	-168 Jan 07 j 00:26	9°♑30'10	0.65080 AU	
morning rise	-168 Jan 10 j 18:23	5°♑33'30		
direct	-168 Jan 17 j 11:22	2°♑41'16		
morning max el	-168 Jan 30 j 17:08	10°♑24'21	27°01'14	
desc. node	-168 Jan 31 j 22:27	11°♑39'41		
	-168 Feb 15 j 05:36	0°♒		
	-168 Mar 04 j 04:25	0°♓		
morning set	-168 Mar 06 j 09:29	4°♓12'10		
max. Earth dist.	-168 Mar 10 j 22:05	13°♓09'11	1.34151 AU	
superior conj	-168 Mar 14 j 17:19	20°♓59'22	-0°54'27	
minimum elong	-168 Mar 14 j 19:54	21°♓12'55	0°53'57	
	-168 Mar 18 j 23:48	0°♈		
asc. node	-168 Mar 20 j 03:24	2°♈25'49		
evening rise	-168 Mar 22 j 03:16	6°♈37'02		
	-168 Apr 03 j 20:52	0°♉		
evening max el	-168 Apr 11 j 07:49	9°♉10'42	21°34'54	
retrograde	-168 Apr 23 j 14:09	15°♉09'12		
evening set	-168 Apr 26 j 01:15	14°♉55'28		
desc. node	-168 Apr 28 j 21:35	14°♉08'04		
inferior conj	-168 May 05 j 10:58	10°♉53'40	-1°51'01	
minimum elong	-168 May 05 j 05:53	11°♉00'49	1°49'16	
min. Earth dist.	-168 May 05 j 10:28	10°♉54'23	0.55008 AU	
morning rise	-168 May 14 j 11:15	6°♉55'19		
direct	-168 May 17 j 12:08	6°♉35'06		
morning max el	-168 May 29 j 21:34	12°♉26'35	21°58'36	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-168 Jun 11 j 19:34	0°♊		
asc. node	-168 Jun 16 j 02:39	8°♊00'25		
morning set	-168 Jun 19 j 23:50	15°♊52'39		
	-168 Jun 26 j 16:28	0°♋		
superior conj	-168 Jun 27 j 06:20	1°♋12'52	1°34'15	
minimum elong	-168 Jun 27 j 04:06	1°♋01'11	1°34'04	
max. Earth dist.	-168 Jun 30 j 17:17	8°♋22'30	1.34656 AU	
evening rise	-168 Jul 05 j 08:15	17°♋34'05		
	-168 Jul 12 j 01:44	0°♌		
desc. node	-168 Jul 25 j 20:55	21°♌59'04		
	-168 Jul 31 j 19:45	0°♍		
evening max el	-168 Aug 09 j 08:43	9°♍35'53	26°58'29	
retrograde	-168 Aug 22 j 13:22	16°♍54'11		
evening set	-168 Aug 29 j 09:16	14°♍08'33		
min. Earth dist.	-168 Sep 02 j 06:50	10°♍15'23	0.65426 AU	
inferior conj	-168 Sep 04 j 05:07	8°♍01'58	-2°32'43	
minimum elong	-168 Sep 04 j 08:54	7°♍51'01	2°31'22	
morning rise	-168 Sep 10 j 09:10	2°♍23'48		
asc. node	-168 Sep 12 j 01:51	1°♍47'23		
direct	-168 Sep 13 j 04:42	1°♍40'31		
morning max el	-168 Sep 19 j 18:18	5°♍14'54	18°17'11	
	-168 Oct 06 j 12:56	0°♎		
morning set	-168 Oct 08 j 16:25	3°♎30'58		
desc. node	-168 Oct 21 j 20:15	24°♎45'14		
superior conj	-168 Oct 23 j 12:16	27°♎23'44	-0°10'57	
minimum elong	-168 Oct 23 j 10:51	27°♎18'07	0°10'46	
behind sun begin	-168 Oct 23 j 02:26	26°♎44'50		
behind sun end	-168 Oct 23 j 19:15	27°♎51'21		
	-168 Oct 25 j 03:51	0°♏		
max. Earth dist.	-168 Oct 25 j 23:39	1°♏17'59	1.44953 AU	
evening rise	-168 Nov 08 j 22:48	23°♏09'24		
	-168 Nov 13 j 08:01	0°♐		
greatest brilliancy	-168 Nov 20 j 11:16	11°♐02'17	-0.7m	
evening max el	-168 Dec 02 j 22:19	27°♐59'07	19°28'10	
	-168 Dec 05 j 02:48	0°♑		
asc. node	-168 Dec 09 j 01:07	2°♑02'48		
retrograde	-168 Dec 10 j 03:42	2°♑09'41		
evening set	-168 Dec 13 j 13:57	1°♑01'01		
	-168 Dec 14 j 21:07	30°℞♐		
inferior conj	-168 Dec 19 j 03:17	25°♐06'03	2°58'44	
minimum elong	-168 Dec 19 j 00:28	25°♐15'10	2°58'00	
min. Earth dist.	-168 Dec 20 j 08:16	23°♐31'59	0.66276 AU	
morning rise	-168 Dec 24 j 10:45	18°♐54'15		
direct	-168 Dec 30 j 16:08	16°♐09'00		
morning max el	-167 Jan 12 j 02:24	23°♐30'44	25°56'29	
desc. node	-167 Jan 17 j 19:29	29°♐53'37		
	-167 Jan 17 j 21:35	0°♑		
	-167 Feb 07 j 14:07	0°♒		
morning set	-167 Feb 17 j 08:12	17°♒02'51		
max. Earth dist.	-167 Feb 21 j 05:41	24°♒23'45	1.35631 AU	
	-167 Feb 24 j 02:30	0°♓		
superior conj	-167 Feb 26 j 12:39	4°♓51'04	-1°19'41	
minimum elong	-167 Feb 26 j 16:12	5°♓09'06	1°19'08	
evening rise	-167 Mar 06 j 10:01	21°♓02'23		
asc. node	-167 Mar 07 j 00:25	22°♓15'48		
	-167 Mar 10 j 21:57	0°♈		
evening max el	-167 Mar 24 j 14:00	20°♈25'46	20°15'22	
retrograde	-167 Apr 04 j 04:05	25°♈30'41		
evening set	-167 Apr 06 j 06:53	25°♈19'23		
inferior conj	-167 Apr 15 j 07:11	21°♈21'10	0°08'11	
minimum elong	-167 Apr 15 j 07:34	21°♈20'37	0°08'03	
transit middle	-167 Apr 15 j 07:34	21°♈20'37	0°08'03	
transit begin	-167 Apr 15 j 04:05	21°♈25'45		
transit end	-167 Apr 15 j 11:02	21°♈15'28		
desc. node	-167 Apr 15 j 18:39	21°♈04'11		
min. Earth dist.	-167 Apr 17 j 00:19	20°♈20'24	0.55316 AU	
morning rise	-167 Apr 24 j 06:31	17°♈00'19		
direct	-167 Apr 28 j 01:10	16°♈29'11		
morning max el	-167 May 11 j 15:27	23°♈10'04	23°38'09	
	-167 May 17 j 17:34	0°♉		
asc. node	-167 Jun 02 j 23:41	27°♉43'55		
morning set	-167 Jun 04 j 11:21	0°♊49'29		
	-167 Jun 04 j 01:54	0°♊		
superior conj	-167 Jun 11 j 13:01	15°♊59'22	1°19'23	
minimum elong	-167 Jun 11 j 10:30	15°♊45'55	1°19'02	
max. Earth dist.	-167 Jun 13 j 17:35	20°♊40'14	1.33524 AU	
	-167 Jun 18 j 05:26	0°♋		
evening rise	-167 Jun 19 j 01:08	1°♋39'11		
	-167 Jul 04 j 23:33	0°♌		
desc. node	-167 Jul 12 j 17:56	11°♌12'46		
evening max el	-167 Jul 22 j 20:00	22°♌50'58	27°23'47	
	-167 Aug 03 j 11:58	0°♍		
retrograde	-167 Aug 05 j 10:07	0°♍10'46		
	-167 Aug 07 j 07:05	30°℞♌		
evening set	-167 Aug 12 j 13:42	27°♌28'41		
min. Earth dist.	-167 Aug 16 j 05:38	24°♌10'14	0.63991 AU	
inferior conj	-167 Aug 18 j 17:00	21°♌34'50	-3°24'15	
minimum elong	-167 Aug 18 j 21:39	21°♌22'38	3°22'55	
morning rise	-167 Aug 25 j 06:32	16°♌12'42		
direct	-167 Aug 27 j 21:01	15°♌38'41		
asc. node	-167 Aug 29 j 22:54	16°♌00'37		
morning max el	-167 Sep 03 j 09:50	19°♌05'05	17°56'48	
	-167 Sep 11 j 10:33	0°♍		
morning set	-167 Sep 20 j 11:17	15°♍14'42		
	-167 Sep 29 j 04:15	0°♎		
superior conj	-167 Oct 03 j 05:54	6°♎42'23	0°35'44	
minimum elong	-167 Oct 03 j 09:41	6°♎57'47	0°35'14	
max. Earth dist.	-167 Oct 08 j 17:16	15°♎31'59	1.44267 AU	
desc. node	-167 Oct 08 j 17:16	15°♎31'58		
	-167 Oct 17 j 22:39	0°♏		
evening rise	-167 Oct 19 j 08:39	2°♏11'11		
	-167 Nov 06 j 23:15	0°♐		
evening max el	-167 Nov 16 j 01:32	11°♐27'56	20°27'13	
retrograde	-167 Nov 24 j 01:18	16°♐10'30		
asc. node	-167 Nov 25 j 22:09	15°♐50'37		
evening set	-167 Nov 27 j 20:26	14°♐47'10		
inferior conj	-167 Dec 03 j 06:32	8°♐40'12	2°19'52	
minimum elong	-167 Dec 03 j 03:54	8°♐49'07	2°18'59	
min. Earth dist.	-167 Dec 03 j 22:39	7°♐45'35	0.67090 AU	
morning rise	-167 Dec 08 j 11:09	2°♐26'50		
	-167 Dec 13 j 09:46	30°℞♏		
direct	-167 Dec 14 j 02:09	29°♏57'58		
	-167 Dec 14 j 18:48	0°♐		
morning max el	-167 Dec 25 j 10:43	6°♐44'12	24°35'16	
desc. node	-166 Jan 04 j 16:31	18°♐56'33		
	-166 Jan 12 j 13:31	0°♑		
morning set	-166 Jan 30 j 11:28	28°♑51'34		
	-166 Jan 31 j 02:59	0°♒		
max. Earth dist.	-166 Feb 03 j 03:35	5°♒25'50	1.37520 AU	
superior conj	-166 Feb 09 j 21:21	18°♒06'46	-1°41'22	
minimum elong	-166 Feb 10 j 01:09	18°♒25'12	1°40'58	
	-166 Feb 15 j 21:54	0°♓		
evening rise	-166 Feb 18 j 11:01	5°♓04'42		
asc. node	-166 Feb 21 j 21:27	11°♓48'57		
	-166 Mar 05 j 03:29	0°♈		
evening max el	-166 Mar 07 j 07:18	2°♈18'47	19°13'57	
retrograde	-166 Mar 16 j 05:25	6°♈36'09		
evening set	-166 Mar 18 j 10:35	6°♈21'27		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-166 Mar 26 j 17:01	2°♈11'25	1°52'47
minimum elong	-166 Mar 26 j 21:01	2°♈04'40	1°51'33
min. Earth dist.	-166 Mar 29 j 15:17	0°♈13'58	0.56510 AU
	-166 Mar 29 j 23:59	30°℞♓	
desc. node	-166 Apr 02 j 15:41	27°♓56'54	
morning rise	-166 Apr 04 j 04:35	27°♓18'19	
direct	-166 Apr 09 j 01:21	26°♓23'38	
	-166 Apr 18 j 21:03	0°♈	
morning max el	-166 Apr 23 j 05:58	3°♈39'23	25°16'41
	-166 May 11 j 23:08	0°♉	
morning set	-166 May 19 j 23:15	15°♉47'56	
asc. node	-166 May 20 j 20:43	17°♉41'37	
superior conj	-166 May 26 j 23:05	0°♊55'26	1°00'27
minimum elong	-166 May 26 j 20:50	0°♊43'05	1°00'02
	-166 May 26 j 12:56	0°♊	
max. Earth dist.	-166 May 28 j 01:37	3°♊19'59	1.32777 AU
evening rise	-166 Jun 03 j 02:29	16°♊09'26	
	-166 Jun 10 j 04:42	0°♋	
desc. node	-166 Jun 29 j 14:57	29°♋37'46	
	-166 Jun 29 j 22:27	0°♌	
evening max el	-166 Jul 05 j 04:21	5°♌36'19	27°18'24
retrograde	-166 Jul 19 j 00:07	12°♌53'52	
evening set	-166 Jul 26 j 04:05	10°♌28'11	
min. Earth dist.	-166 Jul 29 j 18:08	7°♌36'58	0.62224 AU
inferior conj	-166 Aug 01 j 17:48	4°♌50'11	-4°08'02
minimum elong	-166 Aug 01 j 22:18	4°♌39'41	4°07'08
	-166 Aug 08 j 05:16	30°℞♋	
morning rise	-166 Aug 08 j 17:51	29°♋47'32	
direct	-166 Aug 11 j 05:49	29°♋19'58	
	-166 Aug 14 j 04:52	0°♌	
asc. node	-166 Aug 16 j 19:56	1°♌41'03	
morning max el	-166 Aug 18 j 00:51	2°♌46'26	17°54'35
morning set	-166 Sep 03 j 03:18	27°♌58'52	
	-166 Sep 04 j 06:13	0°♍	
superior conj	-166 Sep 14 j 02:21	17°♍20'18	1°11'38
minimum elong	-166 Sep 14 j 07:21	17°♍41'39	1°11'04
max. Earth dist.	-166 Sep 21 j 07:16	29°♍22'54	1.42949 AU
	-166 Sep 21 j 16:22	0°♎	
desc. node	-166 Sep 25 j 14:17	6°♎18'00	
evening rise	-166 Sep 28 j 17:09	11°♎13'18	
	-166 Oct 11 j 02:15	0°♏	
evening max el	-166 Oct 29 j 22:54	24°♏56'32	21°38'07
	-166 Nov 06 j 02:23	0°♐	
retrograde	-166 Nov 07 j 22:06	0°♐16'25	
	-166 Nov 09 j 16:04	30°℞♏	
evening set	-166 Nov 12 j 04:09	28°♏36'30	
asc. node	-166 Nov 12 j 19:11	28°♏04'36	
inferior conj	-166 Nov 17 j 12:38	22°♏20'46	1°34'26
minimum elong	-166 Nov 17 j 10:38	22°♏27'41	1°33'40
min. Earth dist.	-166 Nov 17 j 17:16	22°♏04'44	0.67543 AU
morning rise	-166 Nov 22 j 16:58	16°♏07'51	
direct	-166 Nov 27 j 16:39	14°♏00'25	
morning max el	-166 Dec 07 j 20:04	20°♏02'02	23°07'38
	-166 Dec 16 j 06:56	0°♐	
desc. node	-166 Dec 22 j 13:33	8°♐33'58	
	-165 Jan 05 j 19:01	0°♑	
morning set	-165 Jan 11 j 13:01	9°♑22'05	
max. Earth dist.	-165 Jan 15 j 22:57	16°♑51'53	1.39628 AU
	-165 Jan 23 j 07:34	0°♒	
superior conj	-165 Jan 23 j 15:11	0°♒35'06	-1°56'38
minimum elong	-165 Jan 23 j 17:50	0°♒47'19	1°56'31
evening rise	-165 Feb 02 j 03:28	18°♒36'43	
	-165 Feb 08 j 05:13	0°♓	
asc. node	-165 Feb 08 j 18:29	0°♓59'08	
evening max el	-165 Feb 18 j 09:46	14°♓45'40	18°32'28
retrograde	-165 Feb 26 j 01:31	18°♓30'35	
evening set	-165 Feb 28 j 11:38	18°♓09'20	
inferior conj	-165 Mar 07 j 23:21	13°♓40'02	3°03'54
minimum elong	-165 Mar 08 j 03:20	13°♓32'10	3°03'04
min. Earth dist.	-165 Mar 11 j 09:16	11°♓00'16	0.58316 AU
morning rise	-165 Mar 15 j 16:23	8°♓16'57	
desc. node	-165 Mar 20 j 12:42	6°♓50'16	
direct	-165 Mar 21 j 14:53	6°♓47'14	
morning max el	-165 Apr 04 j 23:15	14°♓23'48	26°38'49
	-165 Apr 17 j 10:42	0°♈	
morning set	-165 May 04 j 09:56	0°♉42'29	
	-165 May 04 j 01:48	0°♉	
asc. node	-165 May 07 j 17:46	7°♉48'31	
superior conj	-165 May 11 j 10:45	15°♉55'01	0°38'21
minimum elong	-165 May 11 j 09:08	15°♉46'11	0°38'01
max. Earth dist.	-165 May 11 j 13:52	16°♉12'10	1.32392 AU
	-165 May 17 j 22:52	0°♊	
evening rise	-165 May 18 j 09:30	0°♊55'45	
	-165 Jun 03 j 07:01	0°♋	
desc. node	-165 Jun 16 j 11:58	16°♋54'04	
evening max el	-165 Jun 17 j 07:05	17°♋40'32	26°39'56
retrograde	-165 Jul 01 j 06:39	24°♋55'46	
evening set	-165 Jul 08 j 00:01	22°♋59'43	
min. Earth dist.	-165 Jul 11 j 20:28	20°♋21'48	0.60219 AU
inferior conj	-165 Jul 15 j 04:07	17°♋39'50	-4°37'27
minimum elong	-165 Jul 15 j 06:43	17°♋34'30	4°37'13
morning rise	-165 Jul 22 j 15:21	12°♋59'22	
direct	-165 Jul 25 j 02:57	12°♋36'14	
morning max el	-165 Aug 01 j 12:31	16°♋12'17	18°11'35
asc. node	-165 Aug 03 j 16:59	18°♋34'38	
	-165 Aug 11 j 05:13	0°♌	
morning set	-165 Aug 17 j 10:53	11°♌28'13	
superior conj	-165 Aug 27 j 00:47	29°♌15'41	1°34'26
minimum elong	-165 Aug 27 j 04:19	29°♌31'38	1°34'09
	-165 Aug 27 j 10:37	0°♍	
max. Earth dist.	-165 Sep 03 j 15:32	12°♍34'44	1.41171 AU
evening rise	-165 Sep 08 j 17:29	21°♍00'32	
desc. node	-165 Sep 12 j 11:18	27°♍00'16	
	-165 Sep 14 j 09:09	0°♎	
	-165 Oct 05 j 07:52	0°♏	
evening max el	-165 Oct 12 j 14:54	8°♏26'03	22°56'29
retrograde	-165 Oct 22 j 16:36	14°♏24'45	
evening set	-165 Oct 27 j 11:24	12°♏27'01	
asc. node	-165 Oct 30 j 16:13	8°♏59'46	
inferior conj	-165 Nov 01 j 19:46	6°♏06'09	0°44'08
minimum elong	-165 Nov 01 j 18:45	6°♏09'40	0°43'42
min. Earth dist.	-165 Nov 01 j 13:49	6°♏26'38	0.67661 AU
	-165 Nov 06 j 23:57	30°℞♎	
morning rise	-165 Nov 07 j 02:00	29°♎55'49	
direct	-165 Nov 11 j 10:56	28°♎11'04	
	-165 Nov 16 j 09:25	0°♏	
morning max el	-165 Nov 20 j 09:47	3°♏26'55	21°42'29
desc. node	-165 Dec 09 j 10:35	28°♏36'09	
	-165 Dec 10 j 09:11	0°♐	
morning set	-165 Dec 22 j 09:27	18°♐29'16	
max. Earth dist.	-165 Dec 28 j 22:41	29°♐07'39	1.41680 AU
	-165 Dec 29 j 11:17	0°♑	
superior conj	-164 Jan 05 j 12:57	12°♑03'15	-2°01'36
minimum elong	-164 Jan 05 j 12:24	12°♑00'50	2°01'36
	-164 Jan 15 j 12:15	0°♒	
evening rise	-164 Jan 16 j 07:56	1°♒30'24	
asc. node	-164 Jan 26 j 15:32	19°♒38'46	
evening max el	-164 Feb 01 j 18:31	27°♒38'26	18°11'03

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-164 Feb 04 j 18:48	0°♓	
retrograde	-164 Feb 08 j 15:24	1°♓06'45	
evening set	-164 Feb 11 j 06:14	0°♓37'09	
	-164 Feb 12 j 14:54	30°℞♒	
inferior conj	-164 Feb 18 j 02:07	25°♒46'56	3°40'54
minimum elong	-164 Feb 18 j 04:06	25°♒42'24	3°40'43
min. Earth dist.	-164 Feb 21 j 09:08	22°♒47'44	0.60399 AU
morning rise	-164 Feb 25 j 00:04	20°♒02'46	
direct	-164 Mar 02 j 16:31	17°♒55'26	
desc. node	-164 Mar 06 j 09:46	18°♒32'20	
morning max el	-164 Mar 16 j 22:35	25°♒43'31	27°31'09
	-164 Mar 20 j 22:10	0°♓	
	-164 Apr 09 j 19:55	0°♈	
morning set	-164 Apr 17 j 17:33	15°♈25'42	
asc. node	-164 Apr 23 j 14:49	27°♈59'19	
max. Earth dist.	-164 Apr 24 j 02:24	29°♈02'34	1.32371 AU
superior conj	-164 Apr 24 j 22:13	0°♉51'02	0°13'50
minimum elong	-164 Apr 24 j 21:36	0°♉47'37	0°13'41
behind sun begin	-164 Apr 24 j 19:03	0°♉33'41	
behind sun end	-164 Apr 25 j 00:08	1°♉01'33	
	-164 Apr 24 j 12:54	0°♉	
evening rise	-164 May 01 j 19:50	15°♉49'19	
	-164 May 08 j 21:57	0°♊	
evening max el	-164 May 29 j 02:53	28°♊58'59	25°31'21
	-164 May 30 j 05:12	0°♋	
desc. node	-164 Jun 02 j 09:00	2°♋32'28	
retrograde	-164 Jun 12 j 04:03	6°♋09'56	
evening set	-164 Jun 17 j 21:31	4°♋52'34	
min. Earth dist.	-164 Jun 22 j 14:57	2°♋09'40	0.58175 AU
inferior conj	-164 Jun 25 j 20:19	29°♊53'11	-4°42'29
minimum elong	-164 Jun 25 j 18:59	29°♊55'34	4°42'26
	-164 Jun 25 j 16:29	30°℞♊	
morning rise	-164 Jul 03 j 19:04	25°♊35'04	
direct	-164 Jul 06 j 07:50	25°♊15'05	
morning max el	-164 Jul 14 j 17:41	29°♊12'43	18°48'54
	-164 Jul 15 j 12:55	0°♋	
asc. node	-164 Jul 20 j 14:03	6°♋25'23	
morning set	-164 Jul 31 j 05:29	25°♋30'14	
	-164 Aug 02 j 12:31	0°♌	
superior conj	-164 Aug 08 j 19:42	12°♌12'19	1°45'24
minimum elong	-164 Aug 08 j 21:03	12°♌18'46	1°45'21
max. Earth dist.	-164 Aug 15 j 18:56	25°♌01'30	1.39171 AU
	-164 Aug 18 j 15:04	0°♍	
evening rise	-164 Aug 19 j 18:12	1°♍56'34	
desc. node	-164 Aug 29 j 08:20	17°♍34'35	
	-164 Sep 06 j 15:42	0°♎	
evening max el	-164 Sep 24 j 03:28	21°♎58'43	24°16'35
retrograde	-164 Oct 05 j 07:39	28°♎31'59	
evening set	-164 Oct 10 j 16:32	26°♎16'30	
min. Earth dist.	-164 Oct 15 j 09:53	20°♎49'21	0.67461 AU
inferior conj	-164 Oct 16 j 02:10	19°♎54'32	-0°09'36
minimum elong	-164 Oct 16 j 02:24	19°♎53'45	0°09'30
transit middle	-164 Oct 16 j 02:24	19°♎53'45	0°09'30
transit begin	-164 Oct 16 j 00:11	20°♎01'13	
transit end	-164 Oct 16 j 04:37	19°♎46'16	
asc. node	-164 Oct 16 j 13:17	19°♎17'11	
morning rise	-164 Oct 21 j 12:17	13°♎49'17	
direct	-164 Oct 25 j 08:01	12°♎25'46	
morning max el	-164 Nov 02 j 06:28	17°♎01'22	20°26'30
	-164 Nov 12 j 13:06	0°♏	
desc. node	-164 Nov 25 j 07:38	18°♏56'05	
morning set	-164 Nov 30 j 08:33	26°♏41'01	
	-164 Dec 02 j 11:42	0°♐	
max. Earth dist.	-164 Dec 10 j 05:41	12°♐16'32	1.43396 AU
superior conj	-164 Dec 16 j 09:30	22°♐20'04	-1°51'40
minimum elong	-164 Dec 16 j 04:09	21°♐57'54	1°51'21
	-164 Dec 20 j 23:07	0°♑	
evening rise	-164 Dec 28 j 20:18	13°♑37'22	
	-163 Jan 07 j 08:54	0°♒	
asc. node	-163 Jan 12 j 12:36	7°♒38'27	
evening max el	-163 Jan 15 j 06:35	10°♒49'08	18°09'14
retrograde	-163 Jan 21 j 19:02	14°♒14'48	
evening set	-163 Jan 24 j 14:20	13°♒35'46	
inferior conj	-163 Jan 30 j 21:55	8°♒24'59	3°50'52
minimum elong	-163 Jan 30 j 21:41	8°♒25'36	3°50'51
min. Earth dist.	-163 Feb 02 j 17:16	5°♒30'49	0.62441 AU
morning rise	-163 Feb 06 j 03:58	2°♒28'05	
	-163 Feb 11 j 12:36	30°℞♑	
direct	-163 Feb 13 j 03:54	29°♑51'42	
	-163 Feb 14 j 20:02	0°♒	
desc. node	-163 Feb 21 j 06:49	2°♒47'51	
morning max el	-163 Feb 27 j 03:38	7°♒43'57	27°47'07
	-163 Mar 16 j 05:32	0°♓	
morning set	-163 Apr 01 j 20:02	29°♓50'29	
	-163 Apr 01 j 21:55	0°♈	
max. Earth dist.	-163 Apr 07 j 11:20	11°♈37'45	1.32735 AU
superior conj	-163 Apr 09 j 07:52	15°♈37'56	-0°12'20
minimum elong	-163 Apr 09 j 08:26	15°♈41'05	0°12'12
behind sun begin	-163 Apr 09 j 05:07	15°♈23'03	
behind sun end	-163 Apr 09 j 11:46	15°♈59'08	
asc. node	-163 Apr 10 j 11:53	18°♈10'03	
	-163 Apr 15 j 23:23	0°♉	
evening rise	-163 Apr 16 j 07:37	0°♉43'37	
	-163 May 02 j 14:18	0°♊	
evening max el	-163 May 10 j 17:58	9°♊43'10	24°02'15
desc. node	-163 May 20 j 06:02	15°♊57'17	
retrograde	-163 May 24 j 13:39	16°♊39'47	
evening set	-163 May 28 j 21:15	15°♊58'26	
min. Earth dist.	-163 Jun 04 j 05:09	12°♊55'02	0.56414 AU
inferior conj	-163 Jun 06 j 16:22	11°♊23'28	-4°10'27
minimum elong	-163 Jun 06 j 10:31	11°♊32'34	4°09'25
morning rise	-163 Jun 15 j 02:38	7°♊22'59	
direct	-163 Jun 17 j 17:43	7°♊04'56	
morning max el	-163 Jun 27 j 13:28	11°♊38'01	19°47'15
asc. node	-163 Jul 07 j 11:07	25°♊00'11	
	-163 Jul 10 j 05:48	0°♋	
morning set	-163 Jul 15 j 07:49	9°♋56'21	
superior conj	-163 Jul 23 j 05:37	25°♋54'44	1°46'45
minimum elong	-163 Jul 23 j 05:05	25°♋52'05	1°46'45
	-163 Jul 25 j 07:26	0°♌	
max. Earth dist.	-163 Jul 28 j 22:34	6°♌57'25	1.37211 AU
evening rise	-163 Aug 01 j 18:49	14°♌01'38	
	-163 Aug 11 j 03:44	0°♍	
desc. node	-163 Aug 16 j 05:21	7°♍56'11	
	-163 Sep 01 j 10:51	0°♎	
evening max el	-163 Sep 06 j 15:02	5°♎35'08	25°31'07
retrograde	-163 Sep 18 j 18:10	12°♎33'35	
evening set	-163 Sep 24 j 17:43	10°♎02'18	
min. Earth dist.	-163 Sep 29 j 03:00	5°♎10'35	0.66945 AU
inferior conj	-163 Sep 30 j 06:04	3°♎43'21	-1°05'17
minimum elong	-163 Sep 30 j 07:43	3°♎38'04	1°04'36
asc. node	-163 Oct 03 j 10:21	29°♍54'01	
	-163 Oct 03 j 08:05	30°℞♍	
morning rise	-163 Oct 05 j 21:52	27°♍46'05	
direct	-163 Oct 09 j 06:26	26°♍40'53	
	-163 Oct 15 j 16:14	0°♎	
morning max el	-163 Oct 16 j 10:42	0°♎45'02	19°23'50
	-163 Nov 06 j 02:23	0°♏	
morning set	-163 Nov 09 j 08:58	5°♏04'53	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-163 Nov 12 j 04:38	9°♏28'09		
max. Earth dist.	-163 Nov 22 j 19:33	26°♏07'23	1.44560 AU	
	-163 Nov 25 j 06:12	0°♐		
superior conj	-163 Nov 26 j 03:32	1°♐24'57	-1°23'29	
minimum elong	-163 Nov 25 j 19:16	0°♐52'01	1°22'38	
evening rise	-163 Dec 10 j 12:04	24°♐48'47		
	-163 Dec 13 j 14:45	0°♑		
evening max el	-163 Dec 29 j 19:00	24°♑09'35	18°26'11	
asc. node	-163 Dec 30 j 09:40	24°♑45'34		
retrograde	-162 Jan 05 j 08:00	27°♑44'44		
evening set	-162 Jan 08 j 08:11	26°♑55'09		
inferior conj	-162 Jan 14 j 06:39	21°♑25'13	3°41'08	
minimum elong	-162 Jan 14 j 04:50	21°♑30'29	3°40'55	
min. Earth dist.	-162 Jan 16 j 10:51	18°♑54'53	0.64224 AU	
morning rise	-162 Jan 20 j 00:57	15°♑20'32		
direct	-162 Jan 26 j 22:40	12°♑29'48		
desc. node	-162 Feb 08 j 03:51	19°♑00'10		
morning max el	-162 Feb 09 j 12:11	20°♑18'20	27°27'06	
	-162 Feb 17 j 20:57	0°♒		
	-162 Mar 09 j 06:16	0°♓		
morning set	-162 Mar 16 j 14:41	13°♓47'31		
max. Earth dist.	-162 Mar 21 j 12:48	23°♓45'22	1.33510 AU	
superior conj	-162 Mar 24 j 13:45	0°♈08'52	-0°39'09	
minimum elong	-162 Mar 24 j 15:38	0°♈18'51	0°38'46	
	-162 Mar 24 j 12:05	0°♈		
asc. node	-162 Mar 28 j 08:57	8°♈16'10		
evening rise	-162 Mar 31 j 18:57	15°♈31'46		
	-162 Apr 08 j 02:06	0°♉		
evening max el	-162 Apr 22 j 10:08	20°♉18'31	22°26'57	
retrograde	-162 May 05 j 10:18	26°♉42'56		
desc. node	-162 May 07 j 03:03	26°♉36'31		
evening set	-162 May 08 j 10:03	26°♉23'18		
min. Earth dist.	-162 May 16 j 17:47	22°♉47'49	0.55277 AU	
inferior conj	-162 May 17 j 18:39	22°♉12'36	-2°53'08	
minimum elong	-162 May 17 j 11:40	22°♉22'31	2°51'04	
morning rise	-162 May 26 j 15:10	18°♉18'40		
direct	-162 May 29 j 11:02	18°♉00'22		
morning max el	-162 Jun 09 j 22:10	23°♉21'06	21°05'48	
	-162 Jun 15 j 17:17	0°♊		
asc. node	-162 Jun 24 j 08:11	14°♊08'29		
morning set	-162 Jun 29 j 15:19	24°♊39'44		
	-162 Jul 02 j 04:59	0°♋		
superior conj	-162 Jul 07 j 02:09	10°♋10'14	1°40'35	
minimum elong	-162 Jul 07 j 00:21	10°♋00'58	1°40'28	
max. Earth dist.	-162 Jul 11 j 08:29	18°♋48'34	1.35491 AU	
evening rise	-162 Jul 15 j 14:49	27°♋04'04		
	-162 Jul 17 j 04:28	0°♌		
desc. node	-162 Aug 03 j 02:22	27°♌58'58		
	-162 Aug 04 j 11:45	0°♍		
evening max el	-162 Aug 20 j 02:56	19°♍11'26	26°32'18	
retrograde	-162 Sep 01 j 23:37	26°♍24'24		
evening set	-162 Sep 08 j 12:56	23°♍41'55		
min. Earth dist.	-162 Sep 12 j 14:38	19°♍27'25	0.66089 AU	
inferior conj	-162 Sep 14 j 05:33	17°♍29'58	-2°01'12	
minimum elong	-162 Sep 14 j 08:37	17°♍20'43	2°00'01	
morning rise	-162 Sep 20 j 04:43	11°♍43'54		
asc. node	-162 Sep 20 j 07:23	11°♍40'15		
direct	-162 Sep 23 j 04:25	10°♍53'32		
morning max el	-162 Sep 29 j 21:16	14°♍35'53	18°36'45	
	-162 Oct 11 j 02:47	0°♎		
morning set	-162 Oct 20 j 08:14	14°♎41'10		
	-162 Oct 29 j 23:27	0°♏		
desc. node	-162 Oct 30 j 01:41	0°♏08'49		
superior conj	-162 Nov 05 j 04:59	9°♏48'52	-0°39'30	
minimum elong	-162 Nov 04 j 23:51	9°♏28'40	0°38'51	
max. Earth dist.	-162 Nov 05 j 13:53	10°♏23'51	1.45029 AU	
	-162 Nov 18 j 00:17	0°♐		
evening rise	-162 Nov 21 j 04:17	5°♐01'47		
greatest brilliancy	-162 Nov 29 j 13:08	18°♐20'09	-0.8m	
	-162 Dec 07 j 04:53	0°♑		
evening max el	-162 Dec 13 j 05:19	7°♑35'08	19°00'47	
asc. node	-162 Dec 17 j 06:41	10°♑46'19		
retrograde	-162 Dec 20 j 02:38	11°♑30'07		
evening set	-162 Dec 23 j 08:48	10°♑28'44		
inferior conj	-162 Dec 29 j 00:48	4°♑41'55	3°17'18	
minimum elong	-162 Dec 28 j 22:10	4°♑50'12	3°16'44	
min. Earth dist.	-162 Dec 30 j 13:48	2°♑46'09	0.65640 AU	
	-161 Jan 01 j 23:07	30°℞♐		
morning rise	-161 Jan 03 j 11:15	28°♐32'09		
direct	-161 Jan 09 j 23:48	25°♐41'44		
	-161 Jan 19 j 08:03	0°♑		
morning max el	-161 Jan 22 j 21:53	3°♑16'35	26°36'24	
desc. node	-161 Jan 26 j 00:54	6°♑36'52		
	-161 Feb 12 j 04:32	0°♒		
morning set	-161 Feb 27 j 21:58	27°♒06'00		
	-161 Mar 01 j 10:23	0°♓		
max. Earth dist.	-161 Mar 04 j 03:37	5°♓19'13	1.34729 AU	
superior conj	-161 Mar 08 j 13:42	14°♓16'55	-1°05'26	
minimum elong	-161 Mar 08 j 16:46	14°♓32'43	1°04'53	
asc. node	-161 Mar 15 j 05:59	28°♓13'21		
evening rise	-161 Mar 16 j 03:58	0°♈07'23		
	-161 Mar 16 j 02:33	0°♈		
	-161 Apr 03 j 05:00	0°♉		
evening max el	-161 Apr 04 j 09:57	1°♉13'13	20°59'01	
retrograde	-161 Apr 15 j 23:39	6°♉49'15		
evening set	-161 Apr 18 j 05:37	6°♉37'21		
desc. node	-161 Apr 24 j 00:06	4°♉34'16		
inferior conj	-161 Apr 27 j 12:52	2°♉39'01	-1°00'39	
minimum elong	-161 Apr 27 j 09:59	2°♉43'05	0°59'38	
min. Earth dist.	-161 Apr 28 j 06:40	2°♉13'47	0.55022 AU	
	-161 May 02 j 12:28	30°℞♈		
morning rise	-161 May 06 j 14:08	28°♈33'36		
direct	-161 May 09 j 21:21	28°♈10'05		
	-161 May 16 j 21:00	0°♉		
morning max el	-161 May 22 j 20:30	4°♉23'00	22°40'15	
	-161 Jun 09 j 08:20	0°♊		
asc. node	-161 Jun 11 j 05:13	3°♊41'17		
morning set	-161 Jun 14 j 01:53	9°♊33'35		
superior conj	-161 Jun 21 j 05:54	24°♊48'00	1°28'31	
minimum elong	-161 Jun 21 j 03:29	24°♊35'12	1°28'14	
	-161 Jun 23 j 17:10	0°♋		
max. Earth dist.	-161 Jun 24 j 03:36	0°♋54'23	1.34128 AU	
evening rise	-161 Jun 29 j 01:16	10°♋49'43		
	-161 Jul 09 j 13:19	0°♌		
desc. node	-161 Jul 20 j 23:24	17°♌33'54		
	-161 Jul 31 j 00:43	0°♍		
evening max el	-161 Aug 02 j 14:42	2°♍37'03	27°12'34	
retrograde	-161 Aug 15 j 23:33	9°♍56'14		
evening set	-161 Aug 22 j 23:39	7°♍10'30		
min. Earth dist.	-161 Aug 26 j 18:31	3°♍32'55	0.64867 AU	
inferior conj	-161 Aug 28 j 22:23	1°♍09'12	-2°55'13	
minimum elong	-161 Aug 29 j 02:38	0°♍57'26	2°53'49	
	-161 Aug 29 j 23:37	30°℞♌		
morning rise	-161 Sep 04 j 06:21	25°♌37'37		
direct	-161 Sep 06 j 23:31	24°♌58'36		
asc. node	-161 Sep 07 j 04:24	24°♌58'50		
morning max el	-161 Sep 13 j 11:49	28°♌28'13	18°06'23	
	-161 Sep 14 j 21:45	0°♍		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-161 Oct 01 j 12:06	25°♍41'31		
	-161 Oct 04 j 02:08	0°♎		
superior conj	-161 Oct 15 j 11:00	18°♎31'51	0°09'48	
minimum elong	-161 Oct 15 j 12:12	18°♎36'38	0°09'39	
behind sun begin	-161 Oct 15 j 03:30	18°♎01'50		
behind sun end	-161 Oct 15 j 20:55	19°♎11'24		
desc. node	-161 Oct 16 j 22:42	20°♎54'10		
max. Earth dist.	-161 Oct 19 j 08:45	24°♎44'14	1.44750 AU	
	-161 Oct 22 j 16:59	0°♏		
evening rise	-161 Oct 31 j 22:34	14°♏22'27		
	-161 Nov 11 j 02:40	0°♐		
greatest brilliancy	-161 Nov 14 j 05:57	4°♐43'31	-0.7m	
evening max el	-161 Nov 26 j 11:26	21°♐02'36	19°51'35	
retrograde	-161 Dec 03 j 23:57	25°♐26'13		
asc. node	-161 Dec 04 j 03:41	25°♐26'05		
evening set	-161 Dec 07 j 13:45	24°♐11'25		
inferior conj	-161 Dec 13 j 01:27	18°♐10'40	2°43'09	
minimum elong	-161 Dec 12 j 22:39	18°♐19'57	2°42'20	
min. Earth dist.	-161 Dec 14 j 00:41	16°♐53'37	0.66664 AU	
morning rise	-161 Dec 18 j 07:22	11°♐57'54		
direct	-161 Dec 24 j 06:41	9°♐19'03		
morning max el	-160 Jan 05 j 06:55	16°♐27'23	25°23'27	
desc. node	-160 Jan 12 j 21:57	25°♐13'32		
	-160 Jan 16 j 13:19	0°♑		
	-160 Feb 05 j 02:52	0°♒		
morning set	-160 Feb 10 j 13:13	9°♒32'32		
max. Earth dist.	-160 Feb 14 j 06:51	16°♒26'05	1.36387 AU	
superior conj	-160 Feb 20 j 04:57	27°♒54'19	-1°29'27	
minimum elong	-160 Feb 20 j 08:45	28°♒13'10	1°28'57	
	-160 Feb 21 j 06:09	0°♓		
evening rise	-160 Feb 28 j 08:37	14°♓24'02		
asc. node	-160 Mar 01 j 03:01	17°♓56'58		
	-160 Mar 07 j 13:04	0°♈		
evening max el	-160 Mar 16 j 20:54	12°♈44'14	19°46'54	
retrograde	-160 Mar 26 j 17:35	17°♈28'08		
evening set	-160 Mar 28 j 20:26	17°♈15'59		
inferior conj	-160 Apr 06 j 13:37	13°♈13'52	0°55'54	
minimum elong	-160 Apr 06 j 15:58	13°♈10'12	0°55'05	
min. Earth dist.	-160 Apr 08 j 20:59	11°♈48'04	0.55717 AU	
desc. node	-160 Apr 09 j 21:07	11°♈12'04		
morning rise	-160 Apr 15 j 09:07	8°♈39'39		
direct	-160 Apr 19 j 13:56	8°♈00'26		
morning max el	-160 May 03 j 12:26	14°♈58'18	24°21'10	
	-160 May 15 j 09:04	0°♉		
asc. node	-160 May 28 j 02:16	23°♉31'57		
morning set	-160 May 28 j 13:47	24°♉32'25		
	-160 May 31 j 03:16	0°♊		
superior conj	-160 Jun 04 j 14:19	9°♊40'03	1°11'49	
minimum elong	-160 Jun 04 j 11:51	9°♊26'44	1°11'25	
max. Earth dist.	-160 Jun 06 j 07:30	13°♊22'13	1.33157 AU	
evening rise	-160 Jun 11 j 22:10	25°♊07'00		
	-160 Jun 14 j 08:57	0°♋		
	-160 Jul 02 j 01:28	0°♌		
desc. node	-160 Jul 06 j 20:24	6°♌29'11		
evening max el	-160 Jul 15 j 00:49	15°♌40'22	27°25'18	
retrograde	-160 Jul 28 j 17:42	23°♌00'06		
evening set	-160 Aug 04 j 22:38	20°♌22'55		
min. Earth dist.	-160 Aug 08 j 12:56	17°♌17'35	0.63283 AU	
inferior conj	-160 Aug 11 j 05:56	14°♌35'21	-3°44'06	
minimum elong	-160 Aug 11 j 10:41	14°♌23'28	3°42'53	
morning rise	-160 Aug 17 j 23:54	9°♌21'27		
direct	-160 Aug 20 j 12:57	8°♌50'35		
asc. node	-160 Aug 24 j 01:27	9°♌50'38		
morning max el	-160 Aug 27 j 03:34	12°♌15'54	17°53'33	

	-160 Sep 08 j 04:27	0°♍		
morning set	-160 Sep 12 j 16:39	7°♍52'36		
superior conj	-160 Sep 24 j 15:36	28°♍23'11	0°52'33	
minimum elong	-160 Sep 24 j 20:22	28°♍42'57	0°51'57	
	-160 Sep 25 j 14:57	0°♎		
max. Earth dist.	-160 Oct 01 j 00:42	8°♎48'47	1.43775 AU	
desc. node	-160 Oct 02 j 19:43	11°♎40'54		
evening rise	-160 Oct 10 j 05:28	23°♎17'52		
	-160 Oct 14 j 14:20	0°♏		
	-160 Nov 04 j 13:15	0°♐		
evening max el	-160 Nov 08 j 12:03	4°♐30'35	20°56'10	
retrograde	-160 Nov 16 j 21:31	9°♐29'10		
asc. node	-160 Nov 20 j 00:42	8°♐33'34		
evening set	-160 Nov 20 j 20:57	7°♐59'06		
inferior conj	-160 Nov 26 j 06:10	1°♐47'48	2°01'18	
minimum elong	-160 Nov 26 j 03:45	1°♐56'06	2°00'26	
min. Earth dist.	-160 Nov 26 j 17:17	1°♐09'43	0.67319 AU	
	-160 Nov 27 j 13:49	30°℞♏		
morning rise	-160 Dec 01 j 10:21	25°♏34'07		
direct	-160 Dec 06 j 18:45	23°♏14'00		
morning max el	-160 Dec 17 j 15:23	29°♏42'45	23°58'09	
	-160 Dec 17 j 22:10	0°♐		
desc. node	-160 Dec 29 j 18:59	14°♐32'24		
	-159 Jan 09 j 10:08	0°♑		
morning set	-159 Jan 22 j 06:17	20°♑49'43		
max. Earth dist.	-159 Jan 26 j 02:19	27°♑32'14	1.38395 AU	
	-159 Jan 27 j 11:18	0°♒		
superior conj	-159 Feb 02 j 07:52	10°♒50'49	-1°48'51	
minimum elong	-159 Feb 02 j 11:24	11°♒07'34	1°48'34	
evening rise	-159 Feb 11 j 06:20	28°♒13'57		
	-159 Feb 12 j 04:01	0°♓		
asc. node	-159 Feb 16 j 00:03	7°♓20'56		
evening max el	-159 Feb 27 j 18:26	24°♓52'21	18°53'56	
retrograde	-159 Mar 08 j 02:25	28°♓53'56		
evening set	-159 Mar 10 j 09:29	28°♓36'51		
inferior conj	-159 Mar 18 j 07:48	24°♓19'31	2°27'20	
minimum elong	-159 Mar 18 j 12:11	24°♓11'37	2°26'10	
min. Earth dist.	-159 Mar 21 j 13:18	22°♓01'21	0.57214 AU	
morning rise	-159 Mar 26 j 11:51	19°♓12'27		
desc. node	-159 Mar 27 j 18:10	18°♓44'06		
direct	-159 Mar 31 j 20:08	18°♓03'40		
morning max el	-159 Apr 15 j 03:33	25°♓30'45	25°54'31	
	-159 Apr 19 j 08:05	0°♈		
	-159 May 08 j 09:19	0°♉		
morning set	-159 May 13 j 01:22	9°♉29'36		
asc. node	-159 May 14 j 23:20	13°♉34'00		
superior conj	-159 May 20 j 01:18	24°♉38'21	0°51'26	
minimum elong	-159 May 19 j 23:16	24°♉27'14	0°51'03	
max. Earth dist.	-159 May 20 j 17:33	26°♉07'21	1.32564 AU	
	-159 May 22 j 12:15	0°♊		
evening rise	-159 May 27 j 02:13	9°♊44'56		
	-159 Jun 06 j 16:42	0°♋		
desc. node	-159 Jun 23 j 17:26	24°♋28'00		
evening max el	-159 Jun 27 j 07:03	28°♋09'25	27°06'04	
	-159 Jun 29 j 08:17	0°♌		
retrograde	-159 Jul 11 j 05:04	5°♌26'36		
evening set	-159 Jul 18 j 05:48	3°♌12'03		
min. Earth dist.	-159 Jul 21 j 21:12	0°♌28'21	0.61389 AU	
	-159 Jul 22 j 10:26	30°℞♋		
inferior conj	-159 Jul 25 j 01:03	27°♋41'08	-4°22'49	
minimum elong	-159 Jul 25 j 05:00	27°♋32'24	4°22'11	
morning rise	-159 Aug 01 j 05:49	22°♋47'38		
direct	-159 Aug 03 j 17:13	22°♋22'18		
morning max el	-159 Aug 10 j 17:34	25°♋51'58	17°59'19	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-159 Aug 10 j 22:31	26°♋04'08	
	-159 Aug 14 j 06:15	0°♌	
morning set	-159 Aug 26 j 15:59	20°♌57'56	
	-159 Aug 31 j 14:31	0°♍	
superior conj	-159 Sep 05 j 23:41	9°♍35'47	1°22'52
minimum elong	-159 Sep 06 j 04:15	9°♍55'48	1°22'25
max. Earth dist.	-159 Sep 13 j 11:55	22°♍23'05	1.42237 AU
	-159 Sep 18 j 04:07	0°♎	
evening rise	-159 Sep 19 j 19:01	2°♎35'05	
desc. node	-159 Sep 19 j 16:45	2°♎26'03	
	-159 Oct 08 j 01:24	0°♏	
evening max el	-159 Oct 22 j 07:05	17°♏59'59	22°10'55
retrograde	-159 Oct 31 j 17:31	23°♏36'37	
evening set	-159 Nov 05 j 04:41	21°♏49'29	
asc. node	-159 Nov 06 j 21:45	20°♏11'14	
inferior conj	-159 Nov 10 j 12:57	15°♏31'14	1°13'38
minimum elong	-159 Nov 10 j 11:20	15°♏36'51	1°12'58
min. Earth dist.	-159 Nov 10 j 13:07	15°♏30'42	0.67632 AU
morning rise	-159 Nov 15 j 17:49	9°♏18'56	
direct	-159 Nov 20 j 11:10	7°♏20'55	
morning max el	-159 Nov 30 j 02:02	13°♏02'57	22°30'33
	-159 Dec 13 j 14:36	0°♐	
desc. node	-159 Dec 16 j 16:01	4°♐21'41	
	-158 Jan 02 j 08:35	0°♑	
morning set	-158 Jan 02 j 19:25	0°♑44'09	
max. Earth dist.	-158 Jan 07 j 22:28	9°♑16'03	1.40525 AU
superior conj	-158 Jan 15 j 17:53	22°♑55'34	-2°00'17
minimum elong	-158 Jan 15 j 19:27	23°♑02'36	2°00'15
	-158 Jan 19 j 14:49	0°♒	
evening rise	-158 Jan 25 j 18:09	11°♒30'31	
asc. node	-158 Feb 02 j 21:06	26°♒19'04	
	-158 Feb 05 j 03:29	0°♓	
evening max el	-158 Feb 11 j 00:03	7°♓31'40	18°20'58
retrograde	-158 Feb 18 j 06:10	11°♓07'10	
evening set	-158 Feb 20 j 18:30	10°♓42'26	
inferior conj	-158 Feb 27 j 23:04	6°♓04'29	3°23'23
minimum elong	-158 Feb 28 j 02:20	5°♓57'39	3°22'51
min. Earth dist.	-158 Mar 03 j 09:21	3°♓13'20	0.59195 AU
morning rise	-158 Mar 07 j 07:47	0°♓31'32	
	-158 Mar 08 j 08:30	30°♓℞	
direct	-158 Mar 13 j 15:27	28°♒45'10	
desc. node	-158 Mar 14 j 15:13	28°♒47'44	
	-158 Mar 19 j 02:24	0°♓	
morning max el	-158 Mar 27 j 22:57	6°♓27'17	27°05'12
	-158 Apr 14 j 12:35	0°♈	
morning set	-158 Apr 27 j 10:58	24°♈19'27	
	-158 Apr 30 j 03:14	0°♉	
asc. node	-158 May 01 j 20:24	3°♉42'44	
superior conj	-158 May 04 j 13:04	9°♉36'45	0°28'12
minimum elong	-158 May 04 j 11:51	9°♉30'01	0°27'56
max. Earth dist.	-158 May 04 j 06:18	8°♉59'31	1.32339 AU
evening rise	-158 May 11 j 10:55	24°♉35'01	
	-158 May 14 j 01:49	0°♊	
	-158 May 31 j 17:52	0°♋	
evening max el	-158 Jun 09 j 07:05	9°♋54'30	26°14'09
desc. node	-158 Jun 10 j 14:28	11°♋06'36	
retrograde	-158 Jun 23 j 07:49	17°♋07'48	
evening set	-158 Jun 29 j 16:30	15°♋28'04	
min. Earth dist.	-158 Jul 03 j 20:01	12°♋50'00	0.59335 AU
inferior conj	-158 Jul 07 j 04:05	10°♋16'37	-4°43'20
minimum elong	-158 Jul 07 j 05:15	10°♋14'23	4°43'18
morning rise	-158 Jul 14 j 20:08	5°♋45'28	
direct	-158 Jul 17 j 08:07	5°♋23'45	
morning max el	-158 Jul 25 j 02:46	9°♋07'39	18°24'53
asc. node	-158 Jul 28 j 19:37	13°♋23'39	
	-158 Aug 07 j 17:20	0°♌	
morning set	-158 Aug 10 j 04:46	4°♌42'48	
superior conj	-158 Aug 19 j 07:32	21°♌59'05	1°40'23
minimum elong	-158 Aug 19 j 10:09	22°♌11'11	1°40'14
	-158 Aug 23 j 17:45	0°♍	
max. Earth dist.	-158 Aug 26 j 18:07	5°♍16'51	1.40337 AU
evening rise	-158 Aug 31 j 05:24	12°♍50'52	
desc. node	-158 Sep 06 j 13:46	23°♍05'40	
	-158 Sep 11 j 01:15	0°♎	
	-158 Oct 03 j 10:11	0°♏	
evening max el	-158 Oct 04 j 21:31	1°♏31'28	23°30'47
retrograde	-158 Oct 15 j 10:31	7°♏44'59	
evening set	-158 Oct 20 j 11:14	5°♏39'42	
asc. node	-158 Oct 24 j 18:49	0°♏43'56	
	-158 Oct 25 j 07:45	30°♎℞	
inferior conj	-158 Oct 25 j 20:00	29°♎18'10	0°21'41
minimum elong	-158 Oct 25 j 19:29	29°♎19'56	0°21'28
min. Earth dist.	-158 Oct 25 j 09:43	29°♎53'19	0.67622 AU
morning rise	-158 Oct 31 j 03:39	23°♎09'45	
direct	-158 Nov 04 j 06:52	21°♎34'08	
morning max el	-158 Nov 12 j 18:24	26°♎31'18	21°08'40
	-158 Nov 15 j 22:00	0°♏	
desc. node	-158 Dec 03 j 13:02	24°♏32'09	
	-158 Dec 07 j 03:42	0°♐	
morning set	-158 Dec 13 j 04:44	9°♐20'53	
max. Earth dist.	-158 Dec 21 j 01:29	21°♐56'18	1.42476 AU
	-158 Dec 25 j 22:08	0°♑	
superior conj	-158 Dec 28 j 05:26	3°♑54'24	-1°59'29
minimum elong	-158 Dec 28 j 02:55	3°♑43'41	1°59'24
evening rise	-157 Jan 08 j 16:14	24°♑05'00	
	-157 Jan 11 j 23:13	0°♒	
asc. node	-157 Jan 20 j 18:08	14°♒42'45	
evening max el	-157 Jan 25 j 10:33	20°♒32'47	18°07'54
retrograde	-157 Feb 01 j 02:30	23°♒58'14	
evening set	-157 Feb 03 j 19:21	23°♒24'35	
inferior conj	-157 Feb 10 j 09:32	18°♒25'11	3°47'58
minimum elong	-157 Feb 10 j 10:32	18°♒22'47	3°47'55
min. Earth dist.	-157 Feb 13 j 12:11	15°♒25'43	0.61293 AU
morning rise	-157 Feb 17 j 00:15	12°♒35'03	
direct	-157 Feb 23 j 21:12	10°♒14'05	
desc. node	-157 Mar 01 j 12:15	11°♒38'46	
morning max el	-157 Mar 10 j 00:47	18°♒03'48	27°42'36
	-157 Mar 20 j 01:05	0°♓	
	-157 Apr 07 j 05:01	0°♈	
morning set	-157 Apr 11 j 16:41	8°♈55'44	
max. Earth dist.	-157 Apr 17 j 17:57	21°♈46'01	1.32479 AU
superior conj	-157 Apr 18 j 23:59	24°♈29'34	0°02'53
minimum elong	-157 Apr 18 j 23:51	24°♈28'50	0°02'52
behind sun begin	-157 Apr 18 j 18:50	24°♈01'29	
behind sun end	-157 Apr 19 j 04:51	24°♈56'12	
asc. node	-157 Apr 18 j 17:27	23°♈53'58	
	-157 Apr 21 j 12:26	0°♉	
evening rise	-157 Apr 25 j 22:07	9°♉30'01	
	-157 May 06 j 12:41	0°♊	
evening max el	-157 May 22 j 00:28	20°♊56'30	24°55'13
desc. node	-157 May 28 j 11:30	25°♊53'23	
retrograde	-157 Jun 05 j 00:07	28°♊02'33	
evening set	-157 Jun 10 j 04:11	27°♊01'33	
min. Earth dist.	-157 Jun 15 j 11:58	24°♊11'48	0.57371 AU
inferior conj	-157 Jun 18 j 11:50	22°♊12'33	-4°34'12
minimum elong	-157 Jun 18 j 08:27	22°♊18'13	4°33'52
morning rise	-157 Jun 26 j 15:29	18°♊02'55	
direct	-157 Jun 29 j 05:20	17°♊43'45	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-157 Jul 08 j 04:13	21°♊54'22	19°11'13	
	-157 Jul 14 j 16:26	0°♋		
asc. node	-157 Jul 15 j 16:41	1°♋34'51		
morning set	-157 Jul 25 j 03:05	18°♋56'49		
	-157 Jul 30 j 16:33	0°♌		
superior conj	-157 Aug 02 j 09:30	5°♌17'40	1°47'01	
minimum elong	-157 Aug 02 j 09:59	5°♌20'02	1°47'01	
max. Earth dist.	-157 Aug 08 j 21:26	17°♌30'36	1.38320 AU	
evening rise	-157 Aug 12 j 16:43	24°♌17'36		
	-157 Aug 16 j 00:31	0°♍		
desc. node	-157 Aug 24 j 10:48	13°♍35'46		
	-157 Sep 04 j 18:24	0°♎		
evening max el	-157 Sep 17 j 09:26	15°♎06'20	24°49'16	
retrograde	-157 Sep 28 j 23:38	21°♎51'05		
evening set	-157 Oct 04 j 14:55	19°♎28'16		
min. Earth dist.	-157 Oct 09 j 04:42	14°♎16'14	0.67292 AU	
inferior conj	-157 Oct 10 j 01:33	13°♎07'12	-0°33'03	
minimum elong	-157 Oct 10 j 02:22	13°♎04'30	0°32'43	
asc. node	-157 Oct 11 j 15:52	11°♎02'48		
morning rise	-157 Oct 15 j 13:54	7°♎05'16		
direct	-157 Oct 19 j 04:39	5°♎50'00		
morning max el	-157 Oct 26 j 18:27	10°♎10'35	19°58'02	
	-157 Nov 10 j 13:53	0°♏		
desc. node	-157 Nov 20 j 10:04	14°♏58'00		
morning set	-157 Nov 22 j 01:13	17°♏29'03		
	-157 Nov 30 j 01:41	0°♐		
max. Earth dist.	-157 Dec 03 j 12:09	5°♐26'57	1.43977 AU	
superior conj	-157 Dec 08 j 14:18	13°♐38'53	-1°41'58	
minimum elong	-157 Dec 08 j 07:10	13°♐09'51	1°41'24	
	-157 Dec 18 j 10:22	0°♑		
evening rise	-157 Dec 21 j 20:21	5°♑49'28		
	-156 Jan 05 j 17:51	0°♒		
asc. node	-156 Jan 07 j 15:11	2°♒21'33		
evening max el	-156 Jan 08 j 23:00	3°♒47'55	18°14'08	
retrograde	-156 Jan 15 j 10:45	7°♒16'34		
evening set	-156 Jan 18 j 07:59	6°♒33'11		
inferior conj	-156 Jan 24 j 11:18	1°♒13'44	3°48'46	
minimum elong	-156 Jan 24 j 10:18	1°♒16'28	3°48'42	
	-156 Jan 25 j 14:11	30°℞♑		
min. Earth dist.	-156 Jan 27 j 00:16	28°♑28'00	0.63237 AU	
morning rise	-156 Jan 30 j 11:49	25°♑12'51		
direct	-156 Feb 06 j 11:37	22°♑28'47		
desc. node	-156 Feb 16 j 09:17	26°♑48'22		
	-156 Feb 19 j 23:30	0°♒		
morning max el	-156 Feb 20 j 07:52	0°♒20'40	27°42'54	
	-156 Mar 13 j 01:26	0°♓		
morning set	-156 Mar 25 j 16:11	23°♓09'59		
	-156 Mar 29 j 00:26	0°♈		
max. Earth dist.	-156 Mar 31 j 00:21	4°♈11'47	1.33009 AU	
superior conj	-156 Apr 02 j 08:13	9°♈10'14	-0°23'42	
minimum elong	-156 Apr 02 j 09:21	9°♈16'19	0°23'27	
asc. node	-156 Apr 04 j 14:30	14°♈03'13		
evening rise	-156 Apr 09 j 09:54	24°♈22'24		
	-156 Apr 12 j 02:59	0°♉		
	-156 May 01 j 02:22	0°♊		
evening max el	-156 May 02 j 14:53	1°♊32'20	23°21'34	
desc. node	-156 May 14 j 08:33	8°♊10'54		
retrograde	-156 May 16 j 04:18	8°♊18'28		
evening set	-156 May 19 j 21:22	7°♊48'10		
min. Earth dist.	-156 May 27 j 00:59	4°♊32'40	0.55830 AU	
inferior conj	-156 May 28 j 23:34	3°♊23'49	-3°43'11	
minimum elong	-156 May 28 j 16:35	3°♊34'11	3°41'34	
	-156 Jun 04 j 17:41	30°℞♉		
morning rise	-156 Jun 06 j 14:35	29°♉28'24		
direct	-156 Jun 09 j 07:07	29°♉10'44		
	-156 Jun 13 j 15:30	0°♊		
morning max el	-156 Jun 19 j 19:27	4°♊02'31	20°18'27	
asc. node	-156 Jul 01 j 13:44	20°♊24'54		
	-156 Jul 06 j 14:05	0°♋		
morning set	-156 Jul 08 j 07:51	3°♋30'54		
superior conj	-156 Jul 16 j 00:24	19°♋15'42	1°44'58	
minimum elong	-156 Jul 15 j 23:15	19°♋09'54	1°44'55	
max. Earth dist.	-156 Jul 21 j 02:50	29°♋20'13	1.36435 AU	
	-156 Jul 21 j 11:07	0°♌		
evening rise	-156 Jul 25 j 02:08	6°♌48'21		
	-156 Aug 07 j 19:25	0°♍		
desc. node	-156 Aug 10 j 07:52	3°♍50'25		
evening max el	-156 Aug 29 j 20:49	28°♍42'46	25°59'08	
	-156 Aug 31 j 05:37	0°♎		
retrograde	-156 Sep 11 j 08:12	5°♎49'20		
evening set	-156 Sep 17 j 13:52	3°♎12'13		
	-156 Sep 20 j 16:14	30°℞♍		
min. Earth dist.	-156 Sep 21 j 19:44	28°♍36'21	0.66623 AU	
inferior conj	-156 Sep 23 j 03:48	26°♍55'36	-1°29'05	
minimum elong	-156 Sep 23 j 06:03	26°♍48'30	1°28'10	
asc. node	-156 Sep 27 j 12:54	22°♍04'28		
morning rise	-156 Sep 28 j 22:34	21°♍02'54		
direct	-156 Oct 02 j 02:59	20°♍04'39		
morning max el	-156 Oct 09 j 01:43	23°♍58'34	19°01'51	
	-156 Oct 14 j 01:43	0°♎		
morning set	-156 Oct 31 j 09:38	26°♎19'47		
	-156 Nov 02 j 17:46	0°♏		
desc. node	-156 Nov 06 j 07:06	5°♏34'40		
max. Earth dist.	-156 Nov 15 j 04:03	19°♏30'36	1.44846 AU	
superior conj	-156 Nov 16 j 23:20	22°♏21'13	-1°06'18	
minimum elong	-156 Nov 16 j 15:37	21°♏50'45	1°05'24	
	-156 Nov 21 j 19:04	0°♐		
evening rise	-156 Dec 02 j 02:24	16°♐37'02		
	-156 Dec 10 j 07:30	0°♑		
evening max el	-156 Dec 22 j 10:46	17°♑11'27	18°38'47	
asc. node	-156 Dec 24 j 12:12	19°♑02'49		
retrograde	-156 Dec 29 j 02:38	20°♑54'14		
evening set	-155 Jan 01 j 05:03	20°♑00'00		
inferior conj	-155 Jan 07 j 00:29	14°♑22'37	3°32'28	
minimum elong	-155 Jan 06 j 22:14	14°♑29'24	3°32'07	
min. Earth dist.	-155 Jan 08 j 22:10	12°♑05'48	0.64871 AU	
morning rise	-155 Jan 12 j 14:58	8°♑15'12		
direct	-155 Jan 19 j 09:24	5°♑22'47		
morning max el	-155 Feb 01 j 17:23	13°♑07'56	27°08'49	
desc. node	-155 Feb 02 j 06:18	13°♑40'38		
	-155 Feb 15 j 08:29	0°♒		
	-155 Mar 05 j 15:21	0°♓		
morning set	-155 Mar 09 j 06:29	6°♓52'46		
max. Earth dist.	-155 Mar 13 j 21:31	16°♓05'11	1.33968 AU	
superior conj	-155 Mar 17 j 11:51	23°♓32'35	-0°50'28	
minimum elong	-155 Mar 17 j 14:16	23°♓45'15	0°49'59	
	-155 Mar 20 j 13:08	0°♈		
asc. node	-155 Mar 22 j 11:32	4°♈06'17		
evening rise	-155 Mar 24 j 20:28	9°♈06'06		
	-155 Apr 04 j 22:34	0°♉		
evening max el	-155 Apr 14 j 09:34	12°♉12'55	21°48'03	
retrograde	-155 Apr 26 j 21:04	18°♉18'35		
evening set	-155 Apr 29 j 10:50	18°♉03'45		
desc. node	-155 May 01 j 05:32	17°♉37'12		
inferior conj	-155 May 08 j 20:48	14°♉00'11	-2°08'13	
minimum elong	-155 May 08 j 15:03	14°♉08'15	2°06'19	
min. Earth dist.	-155 May 08 j 13:54	14°♉09'51	0.55048 AU	
morning rise	-155 May 17 j 20:18	10°♉03'28		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-155 May 20 j 19:36	9°♉43'57	
morning max el	-155 Jun 01 j 23:33	15°♉27'38	21°44'27
	-155 Jun 13 j 01:52	0°♊	
asc. node	-155 Jun 18 j 10:46	9°♊44'21	
morning set	-155 Jun 22 j 16:49	18°♊18'54	
	-155 Jun 28 j 06:07	0°♋	
superior conj	-155 Jun 30 j 00:19	3°♋41'35	1°36'07
minimum elong	-155 Jun 29 j 22:11	3°♋30'26	1°35'55
max. Earth dist.	-155 Jul 03 j 16:03	11°♋13'33	1.34861 AU
evening rise	-155 Jul 08 j 04:48	20°♋10'36	
	-155 Jul 13 j 11:53	0°♌	
desc. node	-155 Jul 28 j 04:54	23°♌42'24	
	-155 Aug 01 j 18:22	0°♍	
evening max el	-155 Aug 12 j 08:42	12°♍15'27	26°52'29
retrograde	-155 Aug 25 j 11:33	19°♍32'43	
evening set	-155 Sep 01 j 05:48	16°♍47'43	
min. Earth dist.	-155 Sep 05 j 04:26	12°♍48'58	0.65606 AU
inferior conj	-155 Sep 07 j 00:44	10°♍39'35	-2°24'33
minimum elong	-155 Sep 07 j 04:21	10°♍29'01	2°23'14
morning rise	-155 Sep 13 j 03:28	4°♍59'09	
asc. node	-155 Sep 14 j 09:56	4°♍28'05	
direct	-155 Sep 15 j 23:59	4°♍14'09	
morning max el	-155 Sep 22 j 14:15	7°♍50'28	18°21'43
	-155 Oct 07 j 20:46	0°♎	
morning set	-155 Oct 11 j 21:07	6°♎32'14	
desc. node	-155 Oct 24 j 04:09	26°♎17'50	
superior conj	-155 Oct 26 j 23:58	0°♏45'58	-0°18'29
minimum elong	-155 Oct 26 j 21:32	0°♏36'24	0°18'09
	-155 Oct 26 j 12:19	0°♏	
max. Earth dist.	-155 Oct 28 j 22:30	3°♏49'16	1.44996 AU
evening rise	-155 Nov 12 j 08:35	26°♏25'47	
	-155 Nov 14 j 15:14	0°♐	
greatest brilliancy	-155 Nov 23 j 03:38	13°♐16'59	-0.8m
	-155 Dec 05 j 04:58	0°♑	
evening max el	-155 Dec 05 j 19:34	0°♑38'40	19°20'34
asc. node	-155 Dec 11 j 09:13	4°♑31'15	
retrograde	-155 Dec 12 j 22:36	4°♑44'46	
evening set	-155 Dec 16 j 07:46	3°♑38'03	
	-155 Dec 20 j 02:44	30°℞♐	
inferior conj	-155 Dec 21 j 21:44	27°♐45'14	3°03'52
minimum elong	-155 Dec 21 j 18:57	27°♐54'11	3°03'11
min. Earth dist.	-155 Dec 23 j 04:46	26°♐05'23	0.66127 AU
morning rise	-155 Dec 27 j 05:52	21°♐33'56	
direct	-154 Jan 02 j 13:16	18°♐46'56	
morning max el	-154 Jan 15 j 02:43	26°♐12'21	26°07'23
	-154 Jan 18 j 15:12	0°♑	
desc. node	-154 Jan 20 j 03:20	1°♑45'30	
	-154 Feb 08 j 22:04	0°♒	
morning set	-154 Feb 20 j 07:35	19°♒51'04	
max. Earth dist.	-154 Feb 24 j 06:52	27°♒23'51	1.35385 AU
	-154 Feb 25 j 14:48	0°♓	
superior conj	-154 Mar 01 j 08:29	7°♓28'53	-1°16'01
minimum elong	-154 Mar 01 j 11:56	7°♓46'26	1°15'29
evening rise	-154 Mar 09 j 03:52	23°♓34'14	
asc. node	-154 Mar 09 j 08:33	23°♓58'18	
	-154 Mar 12 j 08:21	0°♈	
evening max el	-154 Mar 27 j 14:04	23°♈22'28	20°26'07
retrograde	-154 Apr 07 j 10:16	28°♈35'11	
evening set	-154 Apr 09 j 13:31	28°♈23'55	
desc. node	-154 Apr 18 j 02:32	24°♈45'53	
inferior conj	-154 Apr 18 j 15:59	24°♈26'19	-0°09'38
minimum elong	-154 Apr 18 j 15:32	24°♈26'58	0°09'28
transit middle	-154 Apr 18 j 15:32	24°♈26'58	0°09'28
transit begin	-154 Apr 18 j 12:17	24°♈31'42	
transit end	-154 Apr 18 j 18:47	24°♈22'13	
min. Earth dist.	-154 Apr 20 j 03:26	23°♈34'40	0.55209 AU
morning rise	-154 Apr 27 j 16:10	20°♈10'00	
direct	-154 May 01 j 07:40	19°♈41'08	
morning max el	-154 May 14 j 18:21	26°♈15'08	23°23'06
	-154 May 18 j 07:57	0°♉	
asc. node	-154 Jun 05 j 07:50	29°♉25'36	
	-154 Jun 05 j 14:32	0°♊	
morning set	-154 Jun 07 j 04:09	3°♊15'27	
superior conj	-154 Jun 14 j 06:19	18°♊26'17	1°21'56
minimum elong	-154 Jun 14 j 03:49	18°♊12'54	1°21'36
max. Earth dist.	-154 Jun 16 j 15:12	23°♊29'02	1.33668 AU
	-154 Jun 19 j 18:23	0°♋	
evening rise	-154 Jun 21 j 20:10	4°♋11'25	
	-154 Jul 06 j 05:23	0°♌	
desc. node	-154 Jul 15 j 01:54	13°♌02'17	
evening max el	-154 Jul 25 j 20:17	25°♌34'23	27°21'51
	-154 Jul 31 j 06:27	0°♍	
retrograde	-154 Aug 08 j 09:06	2°♍53'51	
evening set	-154 Aug 15 j 11:59	0°♍10'32	
	-154 Aug 15 j 17:25	30°℞♌	
min. Earth dist.	-154 Aug 19 j 04:38	26°♌47'14	0.64230 AU
inferior conj	-154 Aug 21 j 14:01	24°♌14'43	-3°16'52
minimum elong	-154 Aug 21 j 18:36	24°♌02'32	3°15'29
morning rise	-154 Aug 28 j 02:04	18°♌49'57	
direct	-154 Aug 30 j 17:12	18°♌14'40	
asc. node	-154 Sep 01 j 06:59	18°♌27'27	
morning max el	-154 Sep 06 j 05:37	21°♌41'36	17°58'43
	-154 Sep 12 j 14:43	0°♍	
morning set	-154 Sep 23 j 12:18	18°♍05'39	
	-154 Sep 30 j 13:34	0°♎	
superior conj	-154 Oct 06 j 14:08	9°♎54'13	0°29'15
minimum elong	-154 Oct 06 j 17:22	10°♎07'18	0°28'47
desc. node	-154 Oct 11 j 01:12	17°♎04'32	
max. Earth dist.	-154 Oct 11 j 16:44	18°♎06'18	1.44417 AU
	-154 Oct 19 j 06:29	0°♏	
evening rise	-154 Oct 22 j 20:13	5°♏31'38	
	-154 Nov 08 j 01:53	0°♐	
evening max el	-154 Nov 18 j 23:36	14°♐07'24	20°17'33
retrograde	-154 Nov 26 j 20:12	18°♐44'42	
asc. node	-154 Nov 28 j 06:14	18°♐33'15	
evening set	-154 Nov 30 j 13:56	17°♐23'34	
inferior conj	-154 Dec 06 j 00:23	11°♐18'06	2°26'13
minimum elong	-154 Dec 05 j 21:42	11°♐27'10	2°25'20
min. Earth dist.	-154 Dec 06 j 18:17	10°♐17'46	0.66995 AU
morning rise	-154 Dec 11 j 05:17	5°♐04'56	
direct	-154 Dec 16 j 22:30	2°♐33'20	
morning max el	-154 Dec 28 j 11:11	9°♐25'20	24°48'01
desc. node	-153 Jan 07 j 00:23	20°♐42'06	
	-153 Jan 13 j 17:51	0°♑	
	-153 Feb 01 j 13:10	0°♒	
morning set	-153 Feb 02 j 14:10	1°♒50'05	
max. Earth dist.	-153 Feb 06 j 06:03	8°♒26'32	1.37220 AU
superior conj	-153 Feb 12 j 19:02	20°♒50'38	-1°38'25
minimum elong	-153 Feb 12 j 22:52	21°♒09'23	1°38'00
	-153 Feb 17 j 09:59	0°♓	
evening rise	-153 Feb 21 j 05:54	7°♓40'43	
asc. node	-153 Feb 24 j 05:35	13°♓34'27	
	-153 Mar 05 j 20:18	0°♈	
evening max el	-153 Mar 10 j 05:47	5°♈09'51	19°21'49
retrograde	-153 Mar 19 j 09:27	9°♈33'43	
evening set	-153 Mar 21 j 13:55	9°♈19'46	
inferior conj	-153 Mar 29 j 23:10	5°♈11'57	1°38'52
minimum elong	-153 Mar 30 j 02:52	5°♈05'50	1°37'42

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-153 Apr 01 j 18:05	3°♈22'25	0.56280 AU
desc. node	-153 Apr 04 j 23:34	1°♈30'14	
morning rise	-153 Apr 07 j 13:04	0°♈23'52	
	-153 Apr 08 j 20:30	30°℞♓	
direct	-153 Apr 12 j 05:37	29°♓33'41	
	-153 Apr 15 j 14:33	0°♈	
morning max el	-153 Apr 26 j 09:02	6°♈45'05	25°02'49
	-153 May 13 j 07:12	0°♉	
morning set	-153 May 22 j 16:07	18°♉14'27	
asc. node	-153 May 23 j 04:53	19°♉21'51	
	-153 May 28 j 03:03	0°♊	
superior conj	-153 May 29 j 16:02	3°♊21'40	1°03'33
minimum elong	-153 May 29 j 13:42	3°♊08'59	1°03'09
max. Earth dist.	-153 May 30 j 22:21	6°♊06'27	1.32861 AU
evening rise	-153 Jun 05 j 20:28	18°♊38'43	
	-153 Jun 11 j 15:04	0°♋	
	-153 Jun 30 j 15:55	0°♌	
desc. node	-153 Jul 01 j 22:55	1°♌36'02	
evening max el	-153 Jul 08 j 05:10	8°♌24'57	27°21'15
retrograde	-153 Jul 22 j 00:08	15°♌43'00	
evening set	-153 Jul 29 j 04:45	13°♌13'49	
min. Earth dist.	-153 Aug 01 j 18:38	10°♌19'27	0.62509 AU
inferior conj	-153 Aug 04 j 16:43	7°♌33'22	-4°02'09
minimum elong	-153 Aug 04 j 21:19	7°♌22'24	4°01'10
morning rise	-153 Aug 11 j 15:10	2°♌27'46	
direct	-153 Aug 14 j 03:22	1°♌59'23	
asc. node	-153 Aug 19 j 04:04	3°♌55'52	
morning max el	-153 Aug 20 j 20:57	5°♌25'07	17°53'43
	-153 Sep 05 j 16:11	0°♍	
morning set	-153 Sep 06 j 01:34	0°♍41'57	
superior conj	-153 Sep 17 j 06:28	20°♍20'12	1°07'03
minimum elong	-153 Sep 17 j 11:30	20°♍41'33	1°06'27
	-153 Sep 23 j 01:33	0°♎	
max. Earth dist.	-153 Sep 24 j 07:24	2°♎01'48	1.43182 AU
desc. node	-153 Sep 27 j 22:14	7°♎51'00	
evening rise	-153 Oct 02 j 03:42	14°♎30'34	
	-153 Oct 12 j 07:56	0°♏	
evening max el	-153 Nov 01 j 21:48	27°♏35'52	21°26'56
	-153 Nov 04 j 11:56	0°♐	
retrograde	-153 Nov 10 j 17:19	2°♐50'15	
evening set	-153 Nov 14 j 21:37	1°♐12'52	
asc. node	-153 Nov 15 j 03:17	1°♐01'26	
	-153 Nov 16 j 05:51	30°℞♏	
inferior conj	-153 Nov 20 j 06:14	24°♏58'05	1°41'43
minimum elong	-153 Nov 20 j 04:06	25°♏05'25	1°40'54
min. Earth dist.	-153 Nov 20 j 12:29	24°♏36'30	0.67494 AU
morning rise	-153 Nov 25 j 10:27	18°♏44'55	
direct	-153 Nov 30 j 12:20	16°♏34'15	
morning max el	-153 Dec 10 j 20:18	22°♏43'03	23°20'45
	-153 Dec 17 j 05:09	0°♐	
desc. node	-153 Dec 24 j 21:27	10°♐15'17	
	-152 Jan 07 j 02:42	0°♑	
morning set	-152 Jan 14 j 20:01	12°♑33'54	
max. Earth dist.	-152 Jan 19 j 01:27	19°♑47'47	1.39305 AU
	-152 Jan 24 j 18:30	0°♒	
superior conj	-152 Jan 26 j 15:27	3°♒27'18	-1°54'54
minimum elong	-152 Jan 26 j 18:24	3°♒41'00	1°54'44
evening rise	-152 Feb 04 j 23:54	21°♒18'25	
	-152 Feb 09 j 13:38	0°♓	
asc. node	-152 Feb 11 j 02:38	2°♓49'00	
evening max el	-152 Feb 21 j 07:07	17°♓32'45	18°37'23
retrograde	-152 Feb 29 j 02:47	21°♓21'38	
evening set	-152 Mar 02 j 12:03	21°♓01'34	
inferior conj	-152 Mar 10 j 02:26	16°♓35'26	2°55'23
minimum elong	-152 Mar 10 j 06:37	16°♓27'23	2°54'27
min. Earth dist.	-152 Mar 13 j 11:41	14°♓00'32	0.58017 AU
morning rise	-152 Mar 17 j 22:22	11°♓16'04	
desc. node	-152 Mar 21 j 20:37	10°♓00'48	
direct	-152 Mar 23 j 17:17	9°♓52'02	
morning max el	-152 Apr 07 j 01:48	17°♓26'38	26°28'12
	-152 Apr 17 j 11:01	0°♈	
	-152 May 04 j 14:29	0°♉	
morning set	-152 May 06 j 03:08	3°♉10'15	
asc. node	-152 May 09 j 01:57	9°♉27'55	
superior conj	-152 May 13 j 03:36	18°♉21'25	0°41'52
minimum elong	-152 May 13 j 01:53	18°♉11'55	0°41'32
max. Earth dist.	-152 May 13 j 10:09	18°♉57'22	1.32424 AU
	-152 May 18 j 12:16	0°♊	
evening rise	-152 May 20 j 02:48	3°♊23'17	
	-152 Jun 03 j 11:07	0°♋	
desc. node	-152 Jun 17 j 19:55	19°♋04'16	
evening max el	-152 Jun 19 j 08:47	20°♋35'30	26°47'40
retrograde	-152 Jul 03 j 08:02	27°♋51'29	
evening set	-152 Jul 10 j 03:45	25°♋50'10	
min. Earth dist.	-152 Jul 13 j 22:24	23°♋11'24	0.60527 AU
inferior conj	-152 Jul 17 j 05:24	20°♋27'18	-4°34'20
minimum elong	-152 Jul 17 j 08:26	20°♋20'58	4°34'00
morning rise	-152 Jul 24 j 14:58	15°♋43'32	
direct	-152 Jul 27 j 02:26	15°♋19'55	
morning max el	-152 Aug 03 j 09:21	18°♋53'56	18°07'45
asc. node	-152 Aug 05 j 01:10	20°♋39'26	
	-152 Aug 11 j 12:08	0°♌	
morning set	-152 Aug 19 j 07:07	14°♌05'13	
	-152 Aug 27 j 21:33	0°♍	
superior conj	-152 Aug 29 j 01:19	2°♍04'52	1°31'46
minimum elong	-152 Aug 29 j 05:10	2°♍22'03	1°31'27
max. Earth dist.	-152 Sep 05 j 16:18	15°♍19'09	1.41456 AU
evening rise	-152 Sep 11 j 00:50	24°♍08'44	
desc. node	-152 Sep 13 j 19:16	28°♍34'05	
	-152 Sep 14 j 17:03	0°♎	
	-152 Oct 05 j 07:04	0°♏	
evening max el	-152 Oct 14 j 14:29	11°♏05'01	22°44'36
retrograde	-152 Oct 24 j 12:19	16°♏58'21	
evening set	-152 Oct 29 j 05:03	15°♏03'24	
asc. node	-152 Nov 01 j 00:22	12°♏06'33	
inferior conj	-152 Nov 03 j 13:20	8°♏43'00	0°52'03
minimum elong	-152 Nov 03 j 12:09	8°♏47'06	0°51'32
min. Earth dist.	-152 Nov 03 j 08:57	8°♏58'08	0.67661 AU
morning rise	-152 Nov 08 j 19:08	2°♏32'01	
direct	-152 Nov 13 j 06:11	0°♏43'53	
morning max el	-152 Nov 22 j 09:08	6°♏06'38	21°54'40
desc. node	-152 Dec 10 j 18:30	0°♐14'17	
	-152 Dec 10 j 14:37	0°♐	
morning set	-152 Dec 24 j 20:39	21°♐52'48	
	-152 Dec 29 j 20:24	0°♑	
max. Earth dist.	-152 Dec 30 j 23:55	1°♑54'17	1.41385 AU
superior conj	-151 Jan 07 j 16:33	15°♑05'15	-2°01'43
minimum elong	-151 Jan 07 j 16:37	15°♑05'34	2°01'43
	-151 Jan 15 j 22:32	0°♒	
evening rise	-151 Jan 18 j 06:24	4°♒18'18	
asc. node	-151 Jan 27 j 23:41	21°♒33'54	
	-151 Feb 03 j 06:12	0°♓	
evening max el	-151 Feb 03 j 15:10	0°♓22'27	18°13'02
retrograde	-151 Feb 10 j 14:08	3°♓52'09	
evening set	-151 Feb 13 j 04:18	3°♓23'54	
	-151 Feb 18 j 12:20	30°℞♒	
inferior conj	-151 Feb 20 j 02:20	28°♒36'59	3°37'12
minimum elong	-151 Feb 20 j 04:39	28°♒31'47	3°36'55

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-151 Feb 23 j 10:34	25°♒38'59	0.60084 AU
morning rise	-151 Feb 27 j 02:59	22°♒55'24	
direct	-151 Mar 05 j 17:30	20°♒53'11	
desc. node	-151 Mar 08 j 17:40	21°♒17'16	
morning max el	-151 Mar 20 j 00:05	28°♒40'14	27°25'32
	-151 Mar 21 j 07:35	0°♓	
	-151 Apr 11 j 04:59	0°♈	
morning set	-151 Apr 20 j 11:19	17°♈55'30	
asc. node	-151 Apr 25 j 23:00	29°♈38'22	
	-151 Apr 26 j 02:58	0°♉	
max. Earth dist.	-151 Apr 26 j 22:47	1°♉48'18	1.32352 AU
superior conj	-151 Apr 27 j 15:14	3°♉18'26	0°17'40
minimum elong	-151 Apr 27 j 14:26	3°♉14'05	0°17'31
evening rise	-151 May 04 j 12:47	18°♉16'14	
	-151 May 10 j 08:02	0°♊	
	-151 May 30 j 05:45	0°♋	
evening max el	-151 Jun 01 j 05:38	2°♋00'43	25°43'11
desc. node	-151 Jun 04 j 16:56	4°♋59'34	
retrograde	-151 Jun 15 j 07:00	9°♋12'36	
evening set	-151 Jun 21 j 04:43	7°♋49'26	
min. Earth dist.	-151 Jun 25 j 18:00	5°♋08'14	0.58469 AU
inferior conj	-151 Jun 29 j 00:29	2°♋46'45	-4°43'54
minimum elong	-151 Jun 28 j 23:51	2°♋47'55	4°43'53
	-151 Jul 03 j 04:38	30℞♊	
morning rise	-151 Jul 06 j 21:29	28°♊25'17	
direct	-151 Jul 09 j 09:56	28°♊04'57	
	-151 Jul 15 j 04:45	0°♋	
morning max el	-151 Jul 17 j 15:38	1°♋58'46	18°42'01
asc. node	-151 Jul 22 j 22:14	8°♋22'35	
morning set	-151 Aug 03 j 00:20	28°♋03'17	
	-151 Aug 04 j 00:18	0°♌	
superior conj	-151 Aug 11 j 17:34	14°♌53'38	1°44'23
minimum elong	-151 Aug 11 j 19:14	15°♌01'34	1°44'20
max. Earth dist.	-151 Aug 18 j 20:11	27°♌52'28	1.39473 AU
	-151 Aug 20 j 01:16	0°♍	
evening rise	-151 Aug 22 j 21:51	4°♍54'43	
desc. node	-151 Aug 31 j 16:17	19°♍10'13	
	-151 Sep 07 j 20:24	0°♎	
evening max el	-151 Sep 27 j 03:29	24°♎37'42	24°04'50
	-151 Oct 04 j 01:00	0°♏	
retrograde	-151 Oct 08 j 03:52	1°♏06'10	
	-151 Oct 11 j 22:03	30℞♎	
evening set	-151 Oct 13 j 10:34	28°♎53'24	
min. Earth dist.	-151 Oct 18 j 05:16	23°♎21'07	0.67513 AU
inferior conj	-151 Oct 18 j 19:57	22°♎31'25	-0°01'16
minimum elong	-151 Oct 18 j 19:58	22°♎31'19	0°01'16
transit middle	-151 Oct 18 j 19:58	22°♎31'19	0°01'16
transit begin	-151 Oct 18 j 17:15	22°♎40'31	
transit end	-151 Oct 18 j 22:41	22°♎22'07	
asc. node	-151 Oct 18 j 21:25	22°♎26'25	
morning rise	-151 Oct 24 j 05:21	16°♎25'09	
direct	-151 Oct 28 j 02:58	14°♎58'32	
morning max el	-151 Nov 05 j 04:37	19°♎39'29	20°36'59
	-151 Nov 13 j 14:47	0°♏	
desc. node	-151 Nov 27 j 15:32	20°♏32'03	
morning set	-151 Dec 03 j 21:40	0°♐08'45	
	-151 Dec 03 j 19:25	0°♐	
max. Earth dist.	-151 Dec 13 j 05:42	14°♐55'19	1.43175 AU
superior conj	-151 Dec 19 j 17:03	25°♐33'06	-1°54'18
minimum elong	-151 Dec 19 j 12:26	25°♐13'48	1°54'04
	-151 Dec 22 j 08:30	0°♑	
evening rise	-151 Dec 31 j 21:23	16°♑32'20	
	-150 Jan 08 j 14:33	0°♒	
asc. node	-150 Jan 14 j 20:43	9°♒40'07	
evening max el	-150 Jan 18 j 02:53	13°♒30'47	18°08'18
retrograde	-150 Jan 24 j 15:54	16°♒55'51	
evening set	-150 Jan 27 j 10:35	16°♒18'12	
inferior conj	-150 Feb 02 j 19:47	11°♒10'24	3°50'44
minimum elong	-150 Feb 02 j 19:51	11°♒10'13	3°50'43
min. Earth dist.	-150 Feb 05 j 17:12	8°♒14'12	0.62153 AU
morning rise	-150 Feb 09 j 03:58	5°♒15'10	
direct	-150 Feb 16 j 03:30	2°♒42'16	
desc. node	-150 Feb 23 j 14:42	5°♒11'26	
morning max el	-150 Mar 02 j 04:13	10°♒33'57	27°47'05
	-150 Mar 17 j 09:32	0°♓	
	-150 Apr 03 j 10:17	0°♈	
morning set	-150 Apr 04 j 14:41	2°♈23'14	
max. Earth dist.	-150 Apr 10 j 08:28	14°♈26'29	1.32657 AU
superior conj	-150 Apr 12 j 01:13	18°♈06'56	-0°08'18
minimum elong	-150 Apr 12 j 01:37	18°♈09'03	0°08'13
behind sun begin	-150 Apr 11 j 21:11	17°♈44'59	
behind sun end	-150 Apr 12 j 06:02	18°♈33'08	
asc. node	-150 Apr 12 j 20:02	19°♈49'12	
	-150 Apr 17 j 12:38	0°♉	
evening rise	-150 Apr 19 j 00:26	3°♉10'49	
	-150 May 03 j 13:54	0°♊	
evening max el	-150 May 13 j 21:12	12°♊48'55	24°16'17
desc. node	-150 May 22 j 13:57	18°♊47'06	
retrograde	-150 May 27 j 18:15	19°♊48'14	
evening set	-150 Jun 01 j 07:14	19°♊02'17	
min. Earth dist.	-150 Jun 07 j 08:33	16°♊02'48	0.56644 AU
inferior conj	-150 Jun 09 j 23:31	14°♊23'44	-4°18'14
minimum elong	-150 Jun 09 j 18:14	14°♊32'07	4°17'24
morning rise	-150 Jun 18 j 08:03	10°♊21'05	
direct	-150 Jun 20 j 22:50	10°♊02'44	
morning max el	-150 Jun 30 j 12:54	14°♊29'41	19°37'15
asc. node	-150 Jul 09 j 19:17	26°♊51'34	
	-150 Jul 11 j 14:27	0°♋	
morning set	-150 Jul 18 j 01:41	12°♋26'34	
superior conj	-150 Jul 26 j 01:32	28°♋30'10	1°47'05
minimum elong	-150 Jul 26 j 01:14	28°♋28'45	1°47'05
	-150 Jul 26 j 19:47	0°♌	
max. Earth dist.	-150 Jul 31 j 23:35	9°♌52'35	1.37491 AU
evening rise	-150 Aug 04 j 19:07	16°♌50'12	
	-150 Aug 12 j 11:55	0°♍	
desc. node	-150 Aug 18 j 13:18	9°♍34'23	
	-150 Sep 02 j 06:15	0°♎	
evening max el	-150 Sep 09 j 15:07	8°♎14'11	25°20'39
retrograde	-150 Sep 21 j 15:00	15°♎09'08	
evening set	-150 Sep 27 j 12:25	12°♎40'01	
min. Earth dist.	-150 Oct 01 j 22:53	7°♎42'59	0.67048 AU
inferior conj	-150 Oct 03 j 00:18	6°♎20'29	-0°56'48
minimum elong	-150 Oct 03 j 01:43	6°♎15'51	0°56'11
asc. node	-150 Oct 05 j 18:28	2°♎56'50	
morning rise	-150 Oct 08 j 15:09	0°♎21'54	
	-150 Oct 09 j 05:41	30℞♍	
direct	-150 Oct 12 j 01:18	29°♍14'07	
	-150 Oct 14 j 23:58	0°♎	
morning max el	-150 Oct 19 j 07:44	3°♎22'05	19°32'12
	-150 Nov 07 j 09:07	0°♏	
morning set	-150 Nov 12 j 20:15	8°♏26'22	
desc. node	-150 Nov 14 j 12:33	11°♏02'48	
max. Earth dist.	-150 Nov 25 j 18:58	28°♏42'14	1.44436 AU
	-150 Nov 26 j 14:34	0°♐	
superior conj	-150 Nov 29 j 14:42	4°♐47'35	-1°28'55
minimum elong	-150 Nov 29 j 06:32	4°♐14'53	1°28'07
evening rise	-150 Dec 13 j 16:24	27°♐52'22	
	-150 Dec 14 j 22:50	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-149 Jan 01 j 15:22	26°♑49'55	18°22'29	
asc. node	-149 Jan 01 j 17:44	26°♑55'54		
	-149 Jan 06 j 02:12	0°♒		
retrograde	-149 Jan 08 j 03:44	0°♒22'58		
	-149 Jan 10 j 04:58	30°℞♑		
evening set	-149 Jan 11 j 03:09	29°♑34'57		
inferior conj	-149 Jan 17 j 02:47	24°♑07'36	3°43'34	
minimum elong	-149 Jan 17 j 01:09	24°♑12'15	3°43'25	
min. Earth dist.	-149 Jan 19 j 09:15	21°♑32'58	0.63981 AU	
morning rise	-149 Jan 22 j 22:35	18°♑03'52		
direct	-149 Jan 29 j 21:05	15°♑14'29		
desc. node	-149 Feb 10 j 11:44	21°♑08'17		
morning max el	-149 Feb 12 j 12:27	23°♑03'57	27°32'17	
	-149 Feb 18 j 16:53	0°♒		
	-149 Mar 10 j 15:31	0°♓		
morning set	-149 Mar 19 j 10:40	16°♓25'10		
max. Earth dist.	-149 Mar 24 j 11:24	26°♓39'41	1.33364 AU	
	-149 Mar 26 j 01:30	0°♈		
superior conj	-149 Mar 27 j 07:46	2°♈40'45	-0°35'05	
minimum elong	-149 Mar 27 j 09:27	2°♈49'44	0°34'44	
asc. node	-149 Mar 30 j 17:04	9°♈56'25		
evening rise	-149 Apr 03 j 11:56	18°♈00'36		
	-149 Apr 09 j 10:55	0°♉		
evening max el	-149 Apr 25 j 12:44	23°♉23'58	22°41'01	
retrograde	-149 May 08 j 16:44	29°♉54'36		
desc. node	-149 May 09 j 10:58	29°♉53'19		
evening set	-149 May 11 j 20:41	29°♉32'39		
min. Earth dist.	-149 May 19 j 21:06	26°♉02'54	0.55394 AU	
inferior conj	-149 May 21 j 04:04	25°♉18'42	-3°07'39	
minimum elong	-149 May 20 j 20:53	25°♉28'58	3°05'39	
morning rise	-149 May 29 j 23:16	21°♉25'03		
direct	-149 Jun 01 j 18:12	21°♉07'00		
morning max el	-149 Jun 12 j 23:18	26°♉19'44	20°52'56	
	-149 Jun 16 j 10:13	0°♊		
asc. node	-149 Jun 26 j 16:19	15°♊55'40		
morning set	-149 Jul 02 j 08:33	27°♊08'09		
	-149 Jul 03 j 17:51	0°♋		
superior conj	-149 Jul 09 j 20:43	12°♋41'48	1°41'57	
minimum elong	-149 Jul 09 j 19:04	12°♋33'21	1°41'50	
max. Earth dist.	-149 Jul 14 j 08:21	21°♋43'29	1.35727 AU	
evening rise	-149 Jul 18 j 12:32	29°♋45'04		
	-149 Jul 18 j 15:44	0°♌		
desc. node	-149 Aug 05 j 10:20	29°♌40'42		
	-149 Aug 05 j 15:34	0°♍		
evening max el	-149 Aug 23 j 02:53	21°♍50'46	26°24'15	
retrograde	-149 Sep 04 j 21:11	29°♍02'12		
evening set	-149 Sep 11 j 08:40	26°♍20'48		
min. Earth dist.	-149 Sep 15 j 11:26	22°♍00'51	0.66243 AU	
inferior conj	-149 Sep 17 j 00:33	20°♍07'37	-1°52'49	
minimum elong	-149 Sep 17 j 03:25	19°♍58'53	1°51'41	
morning rise	-149 Sep 22 j 22:32	14°♍19'48		
asc. node	-149 Sep 22 j 15:29	14°♍30'18		
direct	-149 Sep 25 j 23:23	13°♍27'29		
morning max el	-149 Oct 02 j 17:31	17°♍12'23	18°42'43	
	-149 Oct 12 j 07:40	0°♎		
morning set	-149 Oct 23 j 15:20	17°♎50'10		
	-149 Oct 31 j 07:35	0°♏		
desc. node	-149 Nov 01 j 09:36	1°♏42'37		
superior conj	-149 Nov 08 j 17:25	13°♏14'15	-0°46'49	
minimum elong	-149 Nov 08 j 11:27	12°♏50'44	0°46'03	
max. Earth dist.	-149 Nov 08 j 12:55	12°♏56'31	1.45008 AU	
	-149 Nov 19 j 08:13	0°♐		
evening rise	-149 Nov 24 j 12:13	8°♐14'22		
greatest brilliancy	-149 Dec 01 j 00:59	18°♐42'03	-0.9m	
	-149 Dec 08 j 06:38	0°♑		
evening max el	-149 Dec 16 j 02:05	10°♑14'55	18°54'32	
asc. node	-149 Dec 19 j 14:45	13°♑07'49		
retrograde	-149 Dec 22 j 21:47	14°♑06'33		
evening set	-149 Dec 26 j 02:56	13°♑07'02		
inferior conj	-149 Dec 31 j 19:44	7°♑22'28	3°21'36	
minimum elong	-149 Dec 31 j 17:10	7°♑30'25	3°21'06	
min. Earth dist.	-148 Jan 02 j 10:54	5°♑21'08	0.65453 AU	
morning rise	-148 Jan 06 j 07:07	1°♑13'11		
	-148 Jan 07 j 20:59	30°℞♐		
direct	-148 Jan 12 j 21:17	28°♐21'58		
	-148 Jan 18 j 10:10	0°♑		
morning max el	-148 Jan 25 j 22:13	5°♑59'58	26°45'37	
desc. node	-148 Jan 28 j 08:46	8°♑34'12		
	-148 Feb 13 j 09:56	0°♒		
morning set	-148 Mar 01 j 19:54	29°♒50'13		
	-148 Mar 01 j 21:57	0°♓		
max. Earth dist.	-148 Mar 06 j 03:58	8°♓18'37	1.34515 AU	
superior conj	-148 Mar 10 j 08:44	16°♓52'31	-1°01'33	
minimum elong	-148 Mar 10 j 11:38	17°♓07'35	1°01'02	
asc. node	-148 Mar 16 j 14:05	29°♓55'09		
	-148 Mar 16 j 15:01	0°♈		
evening rise	-148 Mar 17 j 21:25	2°♈38'24		
	-148 Apr 02 j 15:26	0°♉		
evening max el	-148 Apr 06 j 10:59	4°♉13'58	21°11'18	
retrograde	-148 Apr 18 j 06:47	9°♉58'16		
evening set	-148 Apr 20 j 14:10	9°♉45'54		
desc. node	-148 Apr 25 j 07:59	8°♉12'27		
inferior conj	-148 Apr 29 j 22:35	5°♉46'38	-1°18'51	
minimum elong	-148 Apr 29 j 18:52	5°♉51'52	1°17'32	
min. Earth dist.	-148 Apr 30 j 09:57	5°♉30'36	0.54994 AU	
morning rise	-148 May 08 j 23:42	1°♉44'10		
direct	-148 May 12 j 04:24	1°♉22'03		
morning max el	-148 May 24 j 23:04	7°♉27'30	22°25'29	
	-148 Jun 09 j 18:08	0°♊		
asc. node	-148 Jun 12 j 13:22	5°♊25'15		
morning set	-148 Jun 15 j 18:47	12°♊00'47		
superior conj	-148 Jun 22 j 23:35	27°♊16'57	1°30'41	
minimum elong	-148 Jun 22 j 21:14	27°♊04'30	1°30'25	
	-148 Jun 24 j 06:33	0°♋		
max. Earth dist.	-148 Jun 26 j 01:54	3°♋45'34	1.34306 AU	
evening rise	-148 Jun 30 j 21:08	13°♋25'04		
	-148 Jul 09 j 21:53	0°♌		
desc. node	-148 Jul 22 j 07:21	19°♌20'28		
	-148 Jul 30 j 14:40	0°♍		
evening max el	-148 Aug 04 j 14:38	5°♍18'18	27°08'07	
retrograde	-148 Aug 17 j 22:07	12°♍37'24		
evening set	-148 Aug 24 j 20:51	9°♍51'23		
min. Earth dist.	-148 Aug 28 j 16:37	6°♍08'29	0.65071 AU	
inferior conj	-148 Aug 30 j 18:32	3°♍48'09	-2°47'19	
minimum elong	-148 Aug 30 j 22:38	3°♍36'38	2°45'55	
	-148 Sep 03 j 11:19	30°℞♌		
morning rise	-148 Sep 06 j 01:07	28°♌14'18		
direct	-148 Sep 08 j 19:03	27°♌33'53		
asc. node	-148 Sep 08 j 12:32	27°♌34'17		
	-148 Sep 14 j 03:53	0°♍		
morning max el	-148 Sep 15 j 07:41	1°♍04'59	18°09'48	
morning set	-148 Oct 03 j 15:04	28°♍38'32		
	-148 Oct 04 j 10:44	0°♎		
superior conj	-148 Oct 17 j 21:25	21°♎50'59	0°02'34	
minimum elong	-148 Oct 17 j 21:45	21°♎52'17	0°02'30	
behind sun begin	-148 Oct 17 j 10:59	21°♎09'25		
behind sun end	-148 Oct 18 j 08:31	22°♎35'06		
desc. node	-148 Oct 18 j 06:42	22°♎27'52		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-148 Oct 21 j 07:40	27°♎16'45	1.44834 AU
	-148 Oct 23 j 01:08	0°♏	
evening rise	-148 Nov 03 j 09:23	17°♏41'58	
	-148 Nov 11 j 08:23	0°♐	
greatest brilliancy	-148 Nov 16 j 03:12	7°♐16'48	-0.7m
evening max el	-148 Nov 28 j 08:57	23°♐42'41	19°43'04
asc. node	-148 Dec 05 j 11:47	28°♐01'12	
retrograde	-148 Dec 05 j 18:53	28°♐01'42	
evening set	-148 Dec 09 j 07:23	26°♐49'07	
inferior conj	-148 Dec 14 j 19:37	20°♐50'17	2°48'53
minimum elong	-148 Dec 14 j 16:48	20°♐59'32	2°48'05
min. Earth dist.	-148 Dec 15 j 20:50	19°♐27'13	0.66536 AU
morning rise	-148 Dec 20 j 02:00	14°♐37'44	
direct	-148 Dec 26 j 03:28	11°♐56'27	
morning max el	-147 Jan 07 j 07:25	19°♐09'56	25°35'17
desc. node	-147 Jan 14 j 05:50	27°♐03'30	
	-147 Jan 16 j 13:03	0°♑	
	-147 Feb 05 j 11:45	0°♒	
morning set	-147 Feb 12 j 13:54	12°♒25'43	
max. Earth dist.	-147 Feb 16 j 08:41	19°♒27'48	1.36116 AU
	-147 Feb 21 j 18:28	0°♓	
superior conj	-147 Feb 22 j 01:30	0°♓35'07	-1°26'04
minimum elong	-147 Feb 22 j 05:14	0°♓53'46	1°25'33
evening rise	-147 Mar 02 j 02:52	16°♓58'12	
asc. node	-147 Mar 03 j 11:08	19°♓41'06	
	-147 Mar 08 j 19:51	0°♈	
evening max el	-147 Mar 19 j 20:14	15°♈38'57	19°56'26
retrograde	-147 Mar 29 j 23:00	20°♈30'05	
evening set	-147 Apr 01 j 01:36	20°♈18'22	
inferior conj	-147 Apr 09 j 21:25	16°♈17'56	0°39'21
minimum elong	-147 Apr 09 j 23:08	16°♈15'19	0°38'46
min. Earth dist.	-147 Apr 12 j 00:08	15°♈00'41	0.55557 AU
desc. node	-147 Apr 12 j 04:59	14°♈53'26	
morning rise	-147 Apr 18 j 18:27	11°♈48'27	
direct	-147 Apr 22 j 19:33	11°♈12'21	
morning max el	-147 May 06 j 15:34	18°♈04'50	24°06'17
	-147 May 16 j 10:29	0°♉	
asc. node	-147 May 30 j 10:26	25°♉13'17	
morning set	-147 May 31 j 06:36	26°♉58'46	
	-147 Jun 01 j 16:47	0°♊	
superior conj	-147 Jun 07 j 07:27	12°♊07'03	1°14'36
minimum elong	-147 Jun 07 j 04:58	11°♊53'38	1°14'14
max. Earth dist.	-147 Jun 09 j 04:31	16°♊09'20	1.33274 AU
evening rise	-147 Jun 14 j 16:41	27°♊38'06	
	-147 Jun 15 j 21:01	0°♋	
	-147 Jul 03 j 03:50	0°♌	
desc. node	-147 Jul 09 j 04:21	8°♌22'32	
evening max el	-147 Jul 18 j 01:12	18°♌25'58	27°25'26
retrograde	-147 Jul 31 j 17:16	25°♌45'57	
evening set	-147 Aug 07 j 21:52	23°♌06'46	
min. Earth dist.	-147 Aug 11 j 12:38	19°♌57'00	0.63536 AU
inferior conj	-147 Aug 14 j 03:42	17°♌16'52	-3°37'15
minimum elong	-147 Aug 14 j 08:27	17°♌04'48	3°36'00
morning rise	-147 Aug 20 j 20:07	12°♌00'01	
direct	-147 Aug 23 j 09:34	11°♌28'10	
asc. node	-147 Aug 26 j 09:38	12°♌12'36	
morning max el	-147 Aug 29 j 23:27	14°♌53'47	17°54'17
	-147 Sep 09 j 12:09	0°♍	
morning set	-147 Sep 15 j 16:23	10°♍40'21	
	-147 Sep 27 j 00:12	0°♎	
superior conj	-147 Sep 27 j 22:03	1°♎30'28	0°46'49
minimum elong	-147 Sep 28 j 02:33	1°♎49'00	0°46'14
max. Earth dist.	-147 Oct 04 j 00:09	11°♎24'27	1.43958 AU
desc. node	-147 Oct 05 j 03:42	13°♎14'31	
evening rise	-147 Oct 13 j 16:54	26°♎38'23	
	-147 Oct 15 j 21:21	0°♏	
	-147 Nov 05 j 10:01	0°♐	
evening max el	-147 Nov 11 j 10:31	7°♐10'57	20°45'51
retrograde	-147 Nov 19 j 16:33	12°♐03'53	
asc. node	-147 Nov 22 j 08:51	11°♐23'07	
evening set	-147 Nov 23 j 14:25	10°♐36'17	
inferior conj	-147 Nov 28 j 23:54	4°♐26'28	2°08'05
minimum elong	-147 Nov 28 j 21:24	4°♐35'01	2°07'11
min. Earth dist.	-147 Nov 29 j 12:45	3°♐42'33	0.67246 AU
	-147 Dec 02 j 10:17	30°℞♏	
morning rise	-147 Dec 04 j 04:11	28°♏12'49	
direct	-147 Dec 09 j 14:55	25°♏49'28	
	-147 Dec 18 j 02:18	0°♐	
morning max el	-147 Dec 20 j 15:47	2°♐24'37	24°11'11
desc. node	-146 Jan 01 j 02:54	16°♐17'01	
	-146 Jan 10 j 16:04	0°♑	
morning set	-146 Jan 25 j 10:42	23°♑54'26	
	-146 Jan 28 j 21:45	0°♒	
max. Earth dist.	-146 Jan 29 j 04:46	0°♒31'23	1.38087 AU
superior conj	-146 Feb 05 j 06:34	13°♒38'43	-1°46'21
minimum elong	-146 Feb 05 j 10:13	13°♒56'13	1°46'01
	-146 Feb 13 j 15:08	0°♓	
evening rise	-146 Feb 14 j 01:49	0°♓52'39	
asc. node	-146 Feb 18 j 08:11	9°♓08'29	
evening max el	-146 Mar 02 j 16:24	27°♓42'08	19°00'29
	-146 Mar 05 j 12:56	0°♈	
retrograde	-146 Mar 11 j 05:04	1°♈48'45	
evening set	-146 Mar 13 j 11:26	1°♈32'34	
	-146 Mar 17 j 07:46	30°℞♓	
inferior conj	-146 Mar 21 j 12:36	27°♓17'58	2°15'45
minimum elong	-146 Mar 21 j 16:55	27°♓10'22	2°14'32
min. Earth dist.	-146 Mar 24 j 16:00	25°♓06'37	0.56957 AU
morning rise	-146 Mar 29 j 19:23	22°♓15'41	
desc. node	-146 Mar 30 j 02:02	22°♓09'10	
direct	-146 Apr 03 j 23:47	21°♓11'57	
morning max el	-146 Apr 18 j 06:20	28°♓35'25	25°41'46
	-146 Apr 19 j 16:07	0°♈	
	-146 May 09 j 19:54	0°♉	
morning set	-146 May 15 j 18:21	11°♉56'33	
asc. node	-146 May 17 j 07:31	15°♉13'54	
superior conj	-146 May 22 j 18:11	27°♉04'49	0°54'43
minimum elong	-146 May 22 j 16:04	26°♉53'12	0°54'20
max. Earth dist.	-146 May 23 j 13:56	28°♉52'45	1.32626 AU
	-146 May 24 j 02:16	0°♊	
evening rise	-146 May 29 j 19:53	12°♊13'42	
	-146 Jun 08 j 01:06	0°♋	
desc. node	-146 Jun 26 j 01:21	26°♋31'18	
	-146 Jun 29 j 07:07	0°♌	
evening max el	-146 Jun 30 j 08:19	1°♌01'30	27°11'10
retrograde	-146 Jul 14 j 05:39	8°♌18'48	
evening set	-146 Jul 21 j 07:44	6°♌00'10	
min. Earth dist.	-146 Jul 24 j 22:29	3°♌14'06	0.61683 AU
inferior conj	-146 Jul 28 j 00:57	0°♌26'44	-4°17'56
minimum elong	-146 Jul 28 j 05:08	0°♌17'16	4°17'13
	-146 Jul 28 j 12:49	30°℞♋	
morning rise	-146 Aug 04 j 04:03	25°♋29'53	
direct	-146 Aug 06 j 15:35	25°♋03'50	
asc. node	-146 Aug 13 j 06:44	28°♋15'02	
morning max el	-146 Aug 13 j 13:55	28°♋32'14	17°57'14
	-146 Aug 14 j 23:05	0°♌	
morning set	-146 Aug 29 j 13:21	23°♌39'09	
	-146 Sep 02 j 01:02	0°♍	
superior conj	-146 Sep 09 j 02:11	12°♍31'30	1°19'06

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-146 Sep	09 j 06:57	12°♍52'11	1°18'37	evening rise	-145 Sep	03 j 11:12	15°♍55'25	
max. Earth dist.	-146 Sep	16 j 12:26	25°♍05'18	1.42499 AU	desc. node	-145 Sep	08 j 21:44	24°♍40'49	
	-146 Sep	19 j 12:43	0°♎			-145 Sep	12 j 07:57	0°♎	
desc. node	-146 Sep	22 j 00:43	4°♎00'15			-145 Oct	04 j 01:08	0°♏	
evening rise	-146 Sep	23 j 04:27	5°♎49'59		evening max el	-145 Oct	07 j 21:22	4°♏11'02	23°18'44
	-146 Oct	09 j 05:08	0°♏		retrograde	-145 Oct	18 j 06:21	10°♏19'19	
evening max el	-146 Oct	25 j 06:24	20°♏40'14	21°59'19	evening set	-145 Oct	23 j 05:00	8°♏16'37	
retrograde	-146 Nov	03 j 12:49	26°♏10'51		asc. node	-145 Oct	27 j 02:58	3°♏52'59	
evening set	-146 Nov	07 j 22:11	24°♏26'16		min. Earth dist.	-145 Oct	28 j 04:49	2°♏25'22	0.67647 AU
asc. node	-146 Nov	09 j 05:55	23°♏13'17		inferior conj	-145 Oct	28 j 13:36	1°♏55'14	0°29'47
inferior conj	-146 Nov	13 j 06:31	18°♏08'53	1°21'11	minimum elong	-145 Oct	28 j 12:54	1°♏57'38	0°29'29
minimum elong	-146 Nov	13 j 04:45	18°♏15'00	1°20'28		-145 Oct	29 j 23:39	30°℞♎	
min. Earth dist.	-146 Nov	13 j 08:14	18°♏02'56	0.67612 AU	morning rise	-145 Nov	02 j 20:44	25°♎46'11	
morning rise	-146 Nov	18 j 11:09	11°♏56'22		direct	-145 Nov	07 j 01:55	24°♎07'25	
direct	-146 Nov	23 j 06:43	9°♏54'59		morning max el	-145 Nov	15 j 17:16	29°♎10'49	21°20'14
morning max el	-146 Dec	03 j 01:51	15°♏43'39	22°43'21		-145 Nov	16 j 12:16	0°♏	
	-146 Dec	14 j 16:51	0°♐		desc. node	-145 Dec	05 j 21:00	26°♏09'58	
desc. node	-146 Dec	18 j 23:57	6°♐02'13			-145 Dec	08 j 10:13	0°♐	
	-145 Jan	03 j 16:58	0°♑		morning set	-145 Dec	16 j 17:11	12°♐47'57	
morning set	-145 Jan	06 j 04:12	4°♑01'14		max. Earth dist.	-145 Dec	24 j 02:28	24°♐40'45	1.42204 AU
max. Earth dist.	-145 Jan	11 j 00:28	12°♑08'19	1.40216 AU		-145 Dec	27 j 07:26	0°♑	
superior conj	-145 Jan	18 j 19:25	25°♑51'54	-1°59'15	superior conj	-145 Dec	31 j 10:39	7°♑01'20	-2°00'35
minimum elong	-145 Jan	18 j 21:25	26°♑00'58	1°59'11	minimum elong	-145 Dec	31 j 08:52	6°♑53'38	2°00'33
	-145 Jan	21 j 01:36	0°♒		evening rise	-144 Jan	11 j 15:44	26°♑56'15	
evening rise	-145 Jan	28 j 15:19	14°♒14'40			-144 Jan	13 j 08:16	0°♒	
asc. node	-145 Feb	05 j 05:13	28°♒11'00		asc. node	-144 Jan	23 j 02:15	16°♒40'42	
	-145 Feb	06 j 06:58	0°♓		evening max el	-144 Jan	28 j 06:57	23°♒15'54	18°08'37
evening max el	-145 Feb	13 j 21:00	10°♓17'20	18°24'34	retrograde	-144 Feb	04 j 00:26	26°♒42'08	
retrograde	-145 Feb	21 j 06:11	13°♓55'45		evening set	-144 Feb	06 j 16:34	26°♒09'55	
evening set	-145 Feb	23 j 17:47	13°♓32'13		inferior conj	-144 Feb	13 j 08:40	21°♒13'39	3°45'55
inferior conj	-145 Mar	03 j 00:47	8°♓57'15	3°17'06	minimum elong	-144 Feb	13 j 10:00	21°♒10'28	3°45'49
minimum elong	-145 Mar	03 j 04:20	8°♓49'58	3°16'27	min. Earth dist.	-144 Feb	16 j 12:57	18°♒13'50	0.60979 AU
min. Earth dist.	-145 Mar	06 j 11:13	6°♓09'38	0.58885 AU	morning rise	-144 Feb	20 j 01:50	15°♒25'24	
morning rise	-145 Mar	10 j 12:24	3°♓27'37		direct	-144 Feb	26 j 21:22	13°♒09'06	
direct	-145 Mar	16 j 17:04	1°♓47'05		desc. node	-144 Mar	02 j 20:08	14°♒14'33	
desc. node	-145 Mar	16 j 23:05	1°♓47'15		morning max el	-144 Mar	12 j 01:57	20°♒58'21	27°39'24
morning max el	-145 Mar	31 j 00:54	9°♓27'12	26°56'41		-144 Mar	19 j 22:02	0°♓	
	-145 Apr	15 j 17:41	0°♈			-144 Apr	07 j 15:40	0°♈	
morning set	-145 Apr	30 j 04:20	26°♈47'59		morning set	-144 Apr	13 j 10:45	11°♈27'03	
	-145 May	01 j 16:44	0°♉		max. Earth dist.	-144 Apr	19 j 14:42	24°♈33'54	1.32436 AU
asc. node	-145 May	04 j 04:32	5°♉21'50		asc. node	-144 Apr	20 j 01:33	25°♈33'02	
superior conj	-145 May	07 j 05:56	12°♉03'32	0°31'52	superior conj	-144 Apr	20 j 17:03	26°♈57'43	0°06'51
minimum elong	-145 May	07 j 04:34	11°♉56'01	0°31'36	minimum elong	-144 Apr	20 j 16:45	26°♈55'59	0°06'46
max. Earth dist.	-145 May	07 j 02:36	11°♉45'14	1.32349 AU	behind sun begin	-144 Apr	20 j 12:08	26°♈30'49	
evening rise	-145 May	14 j 04:01	27°♉02'31		behind sun end	-144 Apr	20 j 21:21	27°♈21'10	
	-145 May	15 j 14:08	0°♊			-144 Apr	22 j 02:22	0°♉	
	-145 Jun	01 j 16:09	0°♋		evening rise	-144 Apr	27 j 14:57	11°♉57'15	
evening max el	-145 Jun	12 j 09:21	12°♋53'13	26°23'49		-144 May	06 j 19:47	0°♊	
desc. node	-145 Jun	12 j 22:23	13°♋23'47		evening max el	-144 May	24 j 03:26	24°♊00'16	25°08'09
retrograde	-145 Jun	26 j 09:39	20°♋07'03		desc. node	-144 May	29 j 19:22	28°♊29'30	
evening set	-145 Jul	02 j 21:43	18°♋21'28			-144 Jun	01 j 17:32	0°♋	
min. Earth dist.	-145 Jul	06 j 22:24	15°♋43'55	0.59643 AU	retrograde	-144 Jun	07 j 03:41	1°♋08'15	
inferior conj	-145 Jul	10 j 06:34	13°♋07'08	-4°41'55	evening set	-144 Jun	12 j 12:42	0°♋01'32	
minimum elong	-145 Jul	10 j 08:17	13°♋03'45	4°41'48		-144 Jun	12 j 14:13	30°℞♊	
morning rise	-145 Jul	17 j 20:56	8°♋32'42		min. Earth dist.	-144 Jun	17 j 15:04	27°♊14'31	0.57648 AU
direct	-145 Jul	20 j 08:47	8°♋10'29		inferior conj	-144 Jun	20 j 17:14	25°♊08'50	-4°38'05
morning max el	-145 Jul	27 j 24:00	11°♋51'22	18°19'48	minimum elong	-144 Jun	20 j 14:35	25°♊13'23	4°37'52
asc. node	-145 Jul	31 j 03:47	15°♋25'20		morning rise	-144 Jun	28 j 19:11	20°♊56'25	
	-145 Aug	09 j 03:09	0°♌		direct	-144 Jul	01 j 08:40	20°♊37'00	
morning set	-145 Aug	13 j 00:23	7°♌18'46		morning max el	-144 Jul	10 j 02:45	24°♊42'39	19°03'00
						-144 Jul	14 j 16:02	0°♋	
superior conj	-145 Aug	22 j 06:51	24°♌45'16	1°38'29	asc. node	-144 Jul	17 j 00:49	3°♋29'07	
minimum elong	-145 Aug	22 j 09:48	24°♌58'47	1°38'17	morning set	-144 Jul	26 j 21:25	21°♋28'18	
	-145 Aug	25 j 04:26	0°♍			-144 Jul	31 j 04:49	0°♌	
max. Earth dist.	-145 Aug	29 j 19:29	8°♍06'02	1.40634 AU					

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-144 Aug 04 j 06:25	7°♌56'09	1°46'37
minimum elong	-144 Aug 04 j 07:13	7°♌59'56	1°46'36
max. Earth dist.	-144 Aug 10 j 22:38	20°♌23'28	1.38615 AU
evening rise	-144 Aug 14 j 18:48	27°♌11'01	
	-144 Aug 16 j 10:08	0°♍	
desc. node	-144 Aug 25 j 18:45	15°♍12'12	
	-144 Sep 04 j 20:33	0°♎	
evening max el	-144 Sep 19 j 09:22	17°♎44'41	24°37'58
retrograde	-144 Sep 30 j 20:09	24°♎25'47	
evening set	-144 Oct 06 j 09:12	22°♎05'25	
min. Earth dist.	-144 Oct 11 j 00:11	16°♎48'05	0.67358 AU
inferior conj	-144 Oct 11 j 19:27	15°♎43'54	-0°24'40
minimum elong	-144 Oct 11 j 20:04	15°♎41'53	0°24'23
asc. node	-144 Oct 13 j 00:01	14°♎09'51	
morning rise	-144 Oct 17 j 06:59	9°♎40'47	
direct	-144 Oct 20 j 23:25	8°♎22'45	
morning max el	-144 Oct 28 j 16:09	12°♎48'26	20°07'42
	-144 Nov 10 j 18:33	0°♏	
desc. node	-144 Nov 21 j 18:02	16°♏33'45	
morning set	-144 Nov 24 j 14:02	20°♏55'44	
	-144 Nov 30 j 09:44	0°♐	
max. Earth dist.	-144 Dec 05 j 11:49	8°♐03'50	1.43785 AU
superior conj	-144 Dec 10 j 23:34	16°♐56'47	-1°45'49
minimum elong	-144 Dec 10 j 17:00	16°♐29'53	1°45'21
	-144 Dec 18 j 19:25	0°♑	
evening rise	-144 Dec 23 j 22:48	8°♑48'34	
	-143 Jan 05 j 16:14	0°♒	
asc. node	-143 Jan 08 j 23:17	4°♒27'00	
evening max el	-143 Jan 10 j 19:16	6°♒29'11	18°12'02
retrograde	-143 Jan 17 j 07:09	9°♒56'39	
evening set	-143 Jan 20 j 03:38	9°♒14'51	
inferior conj	-143 Jan 26 j 08:23	3°♒58'24	3°49'50
minimum elong	-143 Jan 26 j 07:39	4°♒00'24	3°49'48
min. Earth dist.	-143 Jan 28 j 23:39	1°♒09'18	0.62962 AU
	-143 Jan 30 j 03:16	30°℞♑	
morning rise	-143 Feb 01 j 10:45	27°♑58'45	
direct	-143 Feb 08 j 10:44	25°♑17'01	
desc. node	-143 Feb 17 j 17:10	29°♑05'19	
	-143 Feb 18 j 21:01	0°♒	
morning max el	-143 Feb 22 j 08:23	3°♒09'27	27°45'08
	-143 Mar 14 j 08:10	0°♓	
morning set	-143 Mar 28 j 11:20	25°♓45'01	
	-143 Mar 30 j 13:24	0°♈	
max. Earth dist.	-143 Apr 02 j 22:01	7°♈02'50	1.32904 AU
superior conj	-143 Apr 05 j 01:48	11°♈40'26	-0°19'37
minimum elong	-143 Apr 05 j 02:44	11°♈45'28	0°19'25
asc. node	-143 Apr 06 j 22:34	15°♈42'37	
evening rise	-143 Apr 12 j 02:44	26°♈50'08	
	-143 Apr 13 j 15:00	0°♉	
	-143 May 01 j 11:51	0°♊	
evening max el	-143 May 05 j 17:52	4°♊38'05	23°35'49
desc. node	-143 May 16 j 16:23	11°♊11'29	
retrograde	-143 May 19 j 09:51	11°♊28'27	
evening set	-143 May 23 j 07:53	10°♊54'36	
min. Earth dist.	-143 May 30 j 04:27	7°♊43'29	0.56020 AU
inferior conj	-143 Jun 01 j 07:47	6°♊26'28	-3°53'54
minimum elong	-143 Jun 01 j 01:06	6°♊36'33	3°52'30
morning rise	-143 Jun 09 j 21:09	2°♊29'34	
direct	-143 Jun 12 j 13:05	2°♊11'50	
morning max el	-143 Jun 22 j 19:37	6°♊56'53	20°07'09
asc. node	-143 Jul 03 j 21:50	22°♊13'45	
	-143 Jul 08 j 01:23	0°♋	
morning set	-143 Jul 11 j 01:21	5°♋59'32	
superior conj	-143 Jul 18 j 19:39	21°♋48'52	1°45'45
minimum elong	-143 Jul 18 j 18:42	21°♋44'07	1°45'43
	-143 Jul 22 j 23:14	0°♌	
max. Earth dist.	-143 Jul 24 j 03:08	2°♌13'58	1.36698 AU
evening rise	-143 Jul 28 j 01:12	9°♌32'56	
	-143 Aug 09 j 02:20	0°♍	
desc. node	-143 Aug 12 j 15:45	5°♍29'19	
	-143 Aug 31 j 12:24	0°♎	
evening max el	-143 Sep 01 j 20:46	1°♎21'13	25°49'40
retrograde	-143 Sep 14 j 05:28	8°♎25'23	
evening set	-143 Sep 20 j 08:58	5°♎50'15	
min. Earth dist.	-143 Sep 24 j 16:01	1°♎08'46	0.66740 AU
inferior conj	-143 Sep 25 j 22:19	29°♍32'38	-1°20'37
minimum elong	-143 Sep 26 j 00:22	29°♍26'10	1°19'45
	-143 Sep 25 j 13:43	30°℞♍	
asc. node	-143 Sep 29 j 21:03	25°♍01'49	
morning rise	-143 Oct 01 j 16:01	23°♍38'15	
direct	-143 Oct 04 j 21:49	22°♍37'40	
morning max el	-143 Oct 11 j 22:23	26°♍35'05	19°09'14
	-143 Oct 14 j 22:31	0°♎	
morning set	-143 Nov 03 j 19:18	29°♎36'12	
	-143 Nov 04 j 01:24	0°♏	
desc. node	-143 Nov 08 j 15:04	7°♏08'54	
max. Earth dist.	-143 Nov 18 j 02:59	22°♏03'04	1.44762 AU
superior conj	-143 Nov 20 j 11:32	25°♏46'30	-1°12'44
minimum elong	-143 Nov 20 j 03:29	25°♏14'36	1°11'50
	-143 Nov 23 j 03:24	0°♐	
evening rise	-143 Dec 05 j 08:19	19°♐44'35	
	-143 Dec 11 j 14:04	0°♑	
evening max el	-143 Dec 25 j 07:19	19°♑51'44	18°33'59
asc. node	-143 Dec 26 j 20:19	21°♑17'46	
retrograde	-143 Dec 31 j 22:01	23°♑31'34	
evening set	-142 Jan 03 j 23:38	22°♑39'01	
inferior conj	-142 Jan 09 j 20:05	17°♑04'16	3°35'48
minimum elong	-142 Jan 09 j 17:58	17°♑10'33	3°35'29
min. Earth dist.	-142 Jan 11 j 20:05	14°♑42'26	0.64656 AU
morning rise	-142 Jan 15 j 11:50	10°♑57'44	
direct	-142 Jan 22 j 07:34	8°♑05'31	
morning max el	-142 Feb 04 j 17:35	15°♑52'11	27°15'45
desc. node	-142 Feb 04 j 14:14	15°♑43'50	
	-142 Feb 16 j 09:50	0°♒	
	-142 Mar 07 j 01:52	0°♓	
morning set	-142 Mar 12 j 03:13	9°♓32'40	
max. Earth dist.	-142 Mar 16 j 20:39	19°♓00'35	1.33797 AU
superior conj	-142 Mar 20 j 06:16	26°♓05'39	-0°46'26
minimum elong	-142 Mar 20 j 08:29	26°♓17'24	0°46'00
	-142 Mar 22 j 02:30	0°♈	
asc. node	-142 Mar 24 j 19:37	5°♈46'34	
evening rise	-142 Mar 27 j 13:35	11°♈35'08	
	-142 Apr 06 j 02:59	0°♉	
evening max el	-142 Apr 17 j 11:35	15°♉16'16	22°01'29
retrograde	-142 Apr 30 j 03:52	21°♉28'44	
evening set	-142 May 02 j 20:44	21°♉12'32	
desc. node	-142 May 03 j 13:25	21°♉03'21	
min. Earth dist.	-142 May 11 j 17:18	17°♉25'29	0.55108 AU
inferior conj	-142 May 12 j 06:34	17°♉06'50	-2°24'52
minimum elong	-142 May 12 j 00:16	17°♉15'42	2°22'51
morning rise	-142 May 21 j 05:08	13°♉11'25	
direct	-142 May 24 j 03:05	12°♉52'25	
morning max el	-142 Jun 05 j 01:17	18°♉28'10	21°30'37
	-142 Jun 14 j 05:49	0°♊	
asc. node	-142 Jun 20 j 18:53	11°♊29'17	
morning set	-142 Jun 25 j 09:51	20°♊45'52	
	-142 Jun 29 j 19:36	0°♋	
superior conj	-142 Jul 02 j 18:26	6°♋11'08	1°37'49

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-142 Jul	02 j 16:24	6°♋00'35	1°37'39
max. Earth dist.	-142 Jul	06 j 15:09	14°♋06'09	1.35073 AU
evening rise	-142 Jul	11 j 01:38	22°♋48'26	
	-142 Jul	14 j 22:20	0°♌	
desc. node	-142 Jul	30 j 12:46	25°♌25'06	
	-142 Aug	02 j 18:48	0°♍	
evening max el	-142 Aug	15 j 08:43	14°♍55'21	26°45'56
retrograde	-142 Aug	28 j 09:34	22°♍11'14	
evening set	-142 Sep	04 j 02:07	19°♍27'01	
min. Earth dist.	-142 Sep	08 j 01:51	15°♍22'42	0.65780 AU
inferior conj	-142 Sep	09 j 20:12	13°♍17'29	-2°16'18
minimum elong	-142 Sep	09 j 23:38	13°♍07'21	2°15'01
morning rise	-142 Sep	15 j 21:39	7°♍34'55	
asc. node	-142 Sep	16 j 18:06	7°♍11'30	
direct	-142 Sep	18 j 19:13	6°♍48'05	
morning max el	-142 Sep	25 j 10:16	10°♍26'24	18°26'38
	-142 Oct	09 j 03:57	0°♎	
morning set	-142 Oct	15 j 02:27	9°♎35'41	
desc. node	-142 Oct	26 j 12:06	27°♎51'01	
	-142 Oct	27 j 20:43	0°♏	
superior conj	-142 Oct	30 j 11:57	4°♏09'25	-0°26'00
minimum elong	-142 Oct	30 j 08:32	3°♏55'56	0°25'33
max. Earth dist.	-142 Oct	31 j 21:28	6°♏21'19	1.45024 AU
evening rise	-142 Nov	15 j 17:57	29°♏41'27	
	-142 Nov	15 j 22:39	0°♐	
greatest brilliancy	-142 Nov	25 j 18:12	15°♐25'01	-0.8m
	-142 Dec	05 j 19:47	0°♑	
evening max el	-142 Dec	08 j 16:44	3°♑18'36	19°13'19
asc. node	-142 Dec	13 j 17:22	6°♑58'09	
retrograde	-142 Dec	15 j 17:36	7°♑20'30	
evening set	-142 Dec	19 j 01:42	6°♑15'39	
inferior conj	-142 Dec	24 j 16:20	0°♑24'54	3°08'51
minimum elong	-142 Dec	24 j 13:35	0°♑33'39	3°08'12
	-142 Dec	25 j 00:08	30°℞♐	
min. Earth dist.	-142 Dec	26 j 01:26	28°♐39'27	0.65968 AU
morning rise	-142 Dec	30 j 01:14	24°♐14'10	
direct	-141 Jan	05 j 10:33	21°♐25'44	
morning max el	-141 Jan	18 j 03:04	28°♐54'35	26°17'56
	-141 Jan	19 j 04:31	0°♑	
desc. node	-141 Jan	22 j 11:18	3°♑39'09	
	-141 Feb	10 j 05:23	0°♒	
morning set	-141 Feb	23 j 06:37	22°♒38'29	
	-141 Feb	27 j 02:57	0°♓	
max. Earth dist.	-141 Feb	27 j 07:56	0°♓24'22	1.35146 AU
superior conj	-141 Mar	04 j 04:10	10°♓06'31	-1°12'18
minimum elong	-141 Mar	04 j 07:29	10°♓23'31	1°11'45
evening rise	-141 Mar	11 j 21:39	26°♓06'20	
asc. node	-141 Mar	11 j 16:41	25°♓40'43	
	-141 Mar	13 j 19:30	0°♈	
evening max el	-141 Mar	30 j 14:29	26°♈20'47	20°37'19
	-141 Apr	04 j 10:30	0°♉	
retrograde	-141 Apr	10 j 16:50	1°♉41'36	
evening set	-141 Apr	12 j 20:47	1°♉30'14	
	-141 Apr	17 j 11:03	30°℞♈	
desc. node	-141 Apr	20 j 10:27	28°♈27'54	
inferior conj	-141 Apr	22 j 01:10	27°♈32'45	-0°27'46
minimum elong	-141 Apr	21 j 23:52	27°♈34'38	0°27'17
min. Earth dist.	-141 Apr	23 j 06:37	26°♈50'23	0.55123 AU
morning rise	-141 May	01 j 01:57	23°♈20'41	
direct	-141 May	04 j 14:24	22°♈53'54	
morning max el	-141 May	17 j 21:15	29°♈20'36	23°08'01
	-141 May	18 j 13:38	0°♉	
	-141 Jun	07 j 02:32	0°♊	
asc. node	-141 Jun	07 j 15:57	1°♊07'53	
morning set	-141 Jun	09 j 21:01	5°♊42'04	
superior conj	-141 Jun	16 j 23:45	20°♊53'55	1°24'22
minimum elong	-141 Jun	16 j 21:16	20°♊40'42	1°24'04
max. Earth dist.	-141 Jun	19 j 13:05	26°♊19'00	1.33823 AU
	-141 Jun	21 j 07:31	0°♋	
evening rise	-141 Jun	24 j 15:26	6°♋44'38	
	-141 Jul	07 j 12:07	0°♌	
desc. node	-141 Jul	17 j 09:47	14°♌50'40	
evening max el	-141 Jul	28 j 20:29	28°♌17'06	27°19'10
	-141 Jul	30 j 17:39	0°♍	
retrograde	-141 Aug	11 j 07:53	5°♍36'18	
evening set	-141 Aug	18 j 09:58	2°♍51'56	
	-141 Aug	21 j 13:26	30°℞♌	
min. Earth dist.	-141 Aug	22 j 03:23	29°♌23'43	0.64464 AU
inferior conj	-141 Aug	24 j 10:49	26°♌54'11	-3°09'16
minimum elong	-141 Aug	24 j 15:18	26°♌42'05	3°07'53
morning rise	-141 Aug	30 j 21:25	21°♌26'55	
direct	-141 Sep	02 j 13:15	20°♌50'22	
asc. node	-141 Sep	03 j 15:10	20°♌56'28	
morning max el	-141 Sep	09 j 01:25	24°♌17'57	18°01'00
	-141 Sep	13 j 16:22	0°♍	
morning set	-141 Sep	26 j 13:46	20°♍57'40	
	-141 Oct	01 j 22:48	0°♎	
superior conj	-141 Oct	09 j 22:55	13°♎07'30	0°22'31
minimum elong	-141 Oct	10 j 01:30	13°♎17'56	0°22'10
desc. node	-141 Oct	13 j 09:08	18°♎37'01	
max. Earth dist.	-141 Oct	14 j 16:03	20°♎39'53	1.44549 AU
	-141 Oct	20 j 14:32	0°♏	
evening rise	-141 Oct	26 j 07:37	8°♏51'32	
	-141 Nov	09 j 05:44	0°♐	
greatest brilliancy	-141 Nov	09 j 09:17	0°♐13'07	-0.6m
evening max el	-141 Nov	21 j 21:32	16°♐46'43	20°08'12
retrograde	-141 Nov	29 j 15:09	21°♐19'04	
asc. node	-141 Nov	30 j 14:26	21°♐13'43	
evening set	-141 Dec	03 j 07:30	20°♐00'07	
inferior conj	-141 Dec	08 j 18:21	13°♐56'12	2°32'25
minimum elong	-141 Dec	08 j 15:37	14°♐05'23	2°31'33
min. Earth dist.	-141 Dec	09 j 14:04	12°♐50'07	0.66887 AU
morning rise	-141 Dec	13 j 23:32	7°♐43'11	
direct	-141 Dec	19 j 18:54	5°♐08'59	
morning max el	-141 Dec	31 j 11:43	12°♐06'48	25°00'38
desc. node	-140 Jan	09 j 08:22	22°♐28'50	
	-140 Jan	14 j 21:14	0°♑	
	-140 Feb	02 j 23:02	0°♒	
morning set	-140 Feb	05 j 16:23	4°♒47'27	
max. Earth dist.	-140 Feb	09 j 08:35	11°♒28'27	1.36923 AU
superior conj	-140 Feb	15 j 16:28	23°♒33'56	-1°35'21
minimum elong	-140 Feb	15 j 20:19	23°♒52'51	1°34'53
	-140 Feb	18 j 22:13	0°♓	
evening rise	-140 Feb	24 j 00:42	10°♓16'35	
asc. node	-140 Feb	26 j 13:44	15°♓19'42	
	-140 Mar	05 j 19:18	0°♈	
evening max el	-140 Mar	12 j 04:32	8°♈02'07	19°30'09
retrograde	-140 Mar	21 j 14:01	12°♈32'50	
evening set	-140 Mar	23 j 17:47	12°♈19'36	
inferior conj	-140 Apr	01 j 05:52	8°♈13'53	1°24'12
minimum elong	-140 Apr	01 j 09:11	8°♈08'33	1°23'07
min. Earth dist.	-140 Apr	03 j 21:04	6°♈32'30	0.56067 AU
desc. node	-140 Apr	06 j 07:30	5°♈06'37	
morning rise	-140 Apr	09 j 21:55	3°♈30'43	
direct	-140 Apr	14 j 10:14	2°♈44'44	
morning max el	-140 Apr	28 j 12:15	9°♈51'37	24°48'32
	-140 May	13 j 13:56	0°♉	
morning set	-140 May	24 j 09:01	20°♉41'02	
asc. node	-140 May	24 j 13:01	21°♉02'02	
	-140 May	28 j 17:08	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-140 May 31 j 09:05	5°♊48'10	1°06'35
minimum elong	-140 May 31 j 06:42	5°♊35'12	1°06'11
max. Earth dist.	-140 Jun 01 j 19:11	8°♊53'06	1.32955 AU
evening rise	-140 Jun 07 j 14:37	21°♊08'24	
	-140 Jun 12 j 02:04	0°♋	
	-140 Jun 30 j 12:47	0°♌	
desc. node	-140 Jul 03 j 06:48	3°♌32'21	
evening max el	-140 Jul 10 j 05:50	11°♌12'16	27°23'18
retrograde	-140 Jul 24 j 00:02	18°♌30'52	
evening set	-140 Jul 31 j 05:01	15°♌58'30	
min. Earth dist.	-140 Aug 03 j 18:53	13°♌00'37	0.62789 AU
inferior conj	-140 Aug 06 j 15:17	10°♌15'34	-3°56'00
minimum elong	-140 Aug 06 j 19:59	10°♌04'11	3°54'55
morning rise	-140 Aug 13 j 12:11	5°♌07'03	
direct	-140 Aug 16 j 00:38	4°♌37'51	
asc. node	-140 Aug 20 j 12:14	6°♌12'08	
morning max el	-140 Aug 22 j 16:59	8°♌03'10	17°53'15
	-140 Sep 06 j 01:50	0°♍	
morning set	-140 Sep 08 j 00:08	3°♍25'32	
superior conj	-140 Sep 19 j 11:08	23°♍21'25	1°02'08
minimum elong	-140 Sep 19 j 16:08	23°♍42'29	1°01'32
	-140 Sep 23 j 10:53	0°♎	
max. Earth dist.	-140 Sep 26 j 07:18	4°♎39'07	1.43400 AU
desc. node	-140 Sep 29 j 06:10	9°♎23'35	
evening rise	-140 Oct 04 j 14:31	17°♎48'13	
	-140 Oct 12 j 14:11	0°♏	
	-140 Nov 03 j 14:47	0°♐	
evening max el	-140 Nov 03 j 20:34	0°♐14'55	21°16'00
retrograde	-140 Nov 12 j 12:30	5°♐23'51	
asc. node	-140 Nov 16 j 11:29	3°♐55'52	
evening set	-140 Nov 16 j 15:04	3°♐49'02	
	-140 Nov 20 j 04:57	30°℞♏	
inferior conj	-140 Nov 21 j 23:51	27°♏35'19	1°48'50
minimum elong	-140 Nov 21 j 21:36	27°♏43'01	1°47'59
min. Earth dist.	-140 Nov 22 j 07:45	27°♏08'04	0.67437 AU
morning rise	-140 Nov 27 j 04:00	21°♏21'55	
direct	-140 Dec 02 j 08:07	19°♏07'56	
morning max el	-140 Dec 12 j 20:37	25°♏23'57	23°33'52
	-140 Dec 17 j 00:48	0°♐	
desc. node	-140 Dec 26 j 05:25	11°♐57'09	
	-139 Jan 07 j 10:05	0°♑	
morning set	-139 Jan 17 j 02:19	15°♑43'24	
max. Earth dist.	-139 Jan 21 j 03:54	22°♑44'04	1.38984 AU
	-139 Jan 25 j 05:26	0°♒	
superior conj	-139 Jan 28 j 15:16	6°♒17'48	-1°52'57
minimum elong	-139 Jan 28 j 18:27	6°♒32'47	1°52'44
evening rise	-139 Feb 06 j 20:05	23°♒58'50	
	-139 Feb 09 j 23:10	0°♓	
asc. node	-139 Feb 12 j 10:48	4°♓37'55	
evening max el	-139 Feb 23 j 04:35	20°♓19'58	18°42'43
retrograde	-139 Mar 03 j 04:21	24°♓13'01	
evening set	-139 Mar 05 j 12:49	23°♓54'05	
inferior conj	-139 Mar 13 j 05:57	19°♓31'06	2°46'05
minimum elong	-139 Mar 13 j 10:15	19°♓23'01	2°45'02
min. Earth dist.	-139 Mar 16 j 14:12	17°♓01'34	0.57729 AU
morning rise	-139 Mar 21 j 04:46	14°♓15'45	
desc. node	-139 Mar 24 j 04:33	13°♓14'40	
direct	-139 Mar 26 j 20:02	12°♓57'11	
morning max el	-139 Apr 10 j 04:25	20°♓29'34	26°16'57
	-139 Apr 18 j 08:39	0°♈	
	-139 May 06 j 02:49	0°♉	
morning set	-139 May 08 j 20:15	5°♉37'10	
asc. node	-139 May 11 j 10:04	11°♉06'33	
superior conj	-139 May 15 j 20:28	20°♉47'16	0°45'22
minimum elong	-139 May 15 j 18:37	20°♉37'08	0°45'00
max. Earth dist.	-139 May 16 j 06:22	21°♉41'37	1.32464 AU
	-139 May 20 j 02:00	0°♊	
evening rise	-139 May 22 j 20:11	5°♊50'27	
	-139 Jun 04 j 16:50	0°♋	
desc. node	-139 Jun 20 j 03:49	21°♋11'51	
evening max el	-139 Jun 22 j 10:19	23°♋29'00	26°54'46
	-139 Jul 02 j 03:08	0°♌	
retrograde	-139 Jul 06 j 09:14	0°♌45'38	
	-139 Jul 10 j 12:32	30°℞♋	
evening set	-139 Jul 13 j 06:58	28°♋39'23	
min. Earth dist.	-139 Jul 17 j 00:11	25°♋59'16	0.60829 AU
inferior conj	-139 Jul 20 j 06:16	23°♋13'36	-4°30'45
minimum elong	-139 Jul 20 j 09:40	23°♋06'20	4°30'19
morning rise	-139 Jul 27 j 14:11	18°♋26'29	
direct	-139 Jul 30 j 01:31	18°♋02'22	
morning max el	-139 Aug 06 j 06:00	21°♋34'40	18°04'23
asc. node	-139 Aug 07 j 09:17	22°♋45'10	
	-139 Aug 12 j 17:05	0°♌	
morning set	-139 Aug 22 j 03:36	16°♌42'43	
	-139 Aug 29 j 08:31	0°♍	
superior conj	-139 Sep 01 j 02:19	4°♍55'10	1°28'51
minimum elong	-139 Sep 01 j 06:26	5°♍13'28	1°28'28
max. Earth dist.	-139 Sep 08 j 16:53	18°♍02'09	1.41735 AU
evening rise	-139 Sep 14 j 08:43	27°♍18'18	
desc. node	-139 Sep 16 j 03:09	0°♎07'22	
	-139 Sep 16 j 01:18	0°♎	
	-139 Oct 06 j 08:01	0°♏	
evening max el	-139 Oct 17 j 13:58	13°♏43'47	22°32'45
retrograde	-139 Oct 27 j 07:52	19°♏31'29	
evening set	-139 Oct 31 j 22:36	17°♏39'20	
asc. node	-139 Nov 03 j 08:32	15°♏11'38	
inferior conj	-139 Nov 06 j 06:51	11°♏19'33	0°59'50
minimum elong	-139 Nov 06 j 05:30	11°♏24'13	0°59'16
min. Earth dist.	-139 Nov 06 j 04:03	11°♏29'13	0.67657 AU
morning rise	-139 Nov 11 j 12:16	5°♏07'59	
direct	-139 Nov 16 j 01:28	3°♏16'24	
morning max el	-139 Nov 25 j 08:34	8°♏45'57	22°07'01
	-139 Dec 11 j 19:29	0°♐	
desc. node	-139 Dec 13 j 02:25	1°♐52'33	
morning set	-139 Dec 28 j 07:11	25°♐14'00	
	-139 Dec 31 j 05:28	0°♑	
max. Earth dist.	-138 Jan 03 j 01:11	4°♑41'04	1.41088 AU
superior conj	-138 Jan 10 j 19:30	18°♑04'52	-2°01'30
minimum elong	-138 Jan 10 j 20:09	18°♑07'45	2°01'31
	-138 Jan 17 j 09:09	0°♒	
evening rise	-138 Jan 21 j 04:27	7°♒04'13	
asc. node	-138 Jan 30 j 07:50	23°♒27'33	
	-138 Feb 03 j 18:16	0°♓	
evening max el	-138 Feb 06 j 11:49	3°♓06'03	18°15'26
retrograde	-138 Feb 13 j 13:04	6°♓37'26	
evening set	-138 Feb 16 j 02:36	6°♓10'28	
inferior conj	-138 Feb 23 j 02:51	1°♓26'46	3°32'48
minimum elong	-138 Feb 23 j 05:31	1°♓20'55	3°32'27
	-138 Feb 24 j 18:17	30°℞♒	
min. Earth dist.	-138 Feb 26 j 12:04	28°♒30'34	0.59772 AU
morning rise	-138 Mar 02 j 06:17	25°♒48'01	
direct	-138 Mar 08 j 18:39	23°♒51'08	
desc. node	-138 Mar 11 j 01:35	24°♒05'02	
	-138 Mar 21 j 08:22	0°♓	
morning max el	-138 Mar 23 j 01:36	1°♓36'44	27°19'08
	-138 Apr 12 j 13:18	0°♈	
morning set	-138 Apr 23 j 04:56	20°♈24'08	
	-138 Apr 27 j 17:02	0°♉	
asc. node	-138 Apr 28 j 07:06	1°♉16'34	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-138 Apr 30 j 08:09	5°♉44'59	0°21'30	
minimum elong	-138 Apr 30 j 07:12	5°♉39'45	0°21'17	
max. Earth dist.	-138 Apr 29 j 19:03	4°♉33'05	1.32337 AU	
evening rise	-138 May 07 j 05:44	20°♉42'37		
	-138 May 11 j 18:58	0°♊		
	-138 May 30 j 16:01	0°♋		
evening max el	-138 Jun 04 j 08:19	5°♋01'26	25°54'36	
desc. node	-138 Jun 07 j 00:49	7°♋23'31		
retrograde	-138 Jun 18 j 09:40	12°♋13'58		
evening set	-138 Jun 24 j 11:25	10°♋45'01		
min. Earth dist.	-138 Jun 28 j 20:56	8°♋05'13	0.58767 AU	
inferior conj	-138 Jul 02 j 04:13	5°♋39'10	-4°44'30	
minimum elong	-138 Jul 02 j 04:15	5°♋39'07	4°44'29	
morning rise	-138 Jul 09 j 23:29	1°♋14'18		
direct	-138 Jul 12 j 11:42	0°♋53'31		
morning max el	-138 Jul 20 j 13:23	4°♋43'45	18°35'34	
asc. node	-138 Jul 25 j 06:19	10°♋20'17		
	-138 Aug 05 j 11:46	0°♌		
morning set	-138 Aug 05 j 19:22	0°♌36'42		
superior conj	-138 Aug 14 j 15:45	17°♌35'39	1°43'10	
minimum elong	-138 Aug 14 j 17:46	17°♌45'05	1°43'04	
	-138 Aug 21 j 11:45	0°♍		
max. Earth dist.	-138 Aug 21 j 21:29	0°♍42'43	1.39778 AU	
evening rise	-138 Aug 26 j 02:03	7°♍54'10		
desc. node	-138 Sep 03 j 00:10	20°♍45'04		
	-138 Sep 09 j 01:54	0°♎		
evening max el	-138 Sep 30 j 03:28	27°♎16'25	23°52'56	
	-138 Oct 03 j 03:01	0°♏		
retrograde	-138 Oct 10 j 23:55	3°♏39'41		
evening set	-138 Oct 16 j 04:29	1°♏29'36		
	-138 Oct 17 j 17:25	30°℞♎		
min. Earth dist.	-138 Oct 21 j 00:31	25°♎52'18	0.67562 AU	
asc. node	-138 Oct 21 j 05:32	25°♎35'13		
inferior conj	-138 Oct 21 j 13:38	25°♎07'43	0°06'59	
minimum elong	-138 Oct 21 j 13:28	25°♎08'17	0°06'55	
transit middle	-138 Oct 21 j 13:28	25°♎08'17	0°06'55	
transit begin	-138 Oct 21 j 11:00	25°♎16'39		
transit end	-138 Oct 21 j 15:55	24°♎59'55		
morning rise	-138 Oct 26 j 22:23	19°♎00'35		
direct	-138 Oct 30 j 21:57	17°♎30'47		
morning max el	-138 Nov 08 j 02:52	22°♎17'08	20°47'44	
	-138 Nov 14 j 14:50	0°♏		
desc. node	-138 Nov 29 j 23:28	22°♏07'55		
	-138 Dec 05 j 03:01	0°♐		
morning set	-138 Dec 07 j 10:38	3°♐35'38		
max. Earth dist.	-138 Dec 16 j 05:55	17°♐34'41	1.42944 AU	
superior conj	-138 Dec 22 j 23:54	28°♐43'30	-1°56'32	
minimum elong	-138 Dec 22 j 20:01	28°♐27'11	1°56'21	
	-138 Dec 23 j 18:03	0°♑		
evening rise	-137 Jan 03 j 21:55	19°♑25'09		
	-137 Jan 09 j 21:42	0°♒		
asc. node	-137 Jan 17 j 04:51	11°♒39'59		
evening max el	-137 Jan 20 j 23:09	16°♒11'47	18°07'48	
retrograde	-137 Jan 27 j 12:57	19°♒36'38		
evening set	-137 Jan 30 j 07:02	19°♒00'21		
inferior conj	-137 Feb 05 j 17:53	13°♒55'29	3°50'07	
minimum elong	-137 Feb 05 j 18:17	13°♒54'30	3°50'07	
min. Earth dist.	-137 Feb 08 j 17:15	10°♒57'43	0.61855 AU	
morning rise	-137 Feb 12 j 04:17	8°♒01'59		
direct	-137 Feb 19 j 03:09	5°♒33'00		
desc. node	-137 Feb 25 j 22:38	7°♒37'11		
morning max el	-137 Mar 05 j 04:52	13°♒24'00	27°46'20	
	-137 Mar 18 j 12:16	0°♓		
	-137 Apr 04 j 22:23	0°♈		
morning set	-137 Apr 07 j 09:08	4°♈54'53		
max. Earth dist.	-137 Apr 13 j 05:30	17°♈14'31	1.32585 AU	
superior conj	-137 Apr 14 j 18:28	20°♈35'02	-0°04'17	
minimum elong	-137 Apr 14 j 18:40	20°♈36'07	0°04'14	
behind sun begin	-137 Apr 14 j 13:43	20°♈09'09		
behind sun end	-137 Apr 14 j 23:38	21°♈03'07		
asc. node	-137 Apr 15 j 04:08	21°♈27'39		
	-137 Apr 19 j 02:14	0°♉		
evening rise	-137 Apr 21 j 17:14	5°♉37'30		
	-137 May 04 j 16:23	0°♊		
evening max el	-137 May 17 j 00:28	15°♊54'14	24°30'12	
desc. node	-137 May 24 j 21:51	21°♊33'05		
retrograde	-137 May 30 j 22:36	22°♊56'02		
evening set	-137 Jun 04 j 16:59	22°♊05'02		
min. Earth dist.	-137 Jun 10 j 11:52	19°♊09'16	0.56890 AU	
inferior conj	-137 Jun 13 j 06:18	17°♊22'53	-4°24'55	
minimum elong	-137 Jun 13 j 01:39	17°♊30'23	4°24'18	
morning rise	-137 Jun 21 j 13:07	13°♊17'54		
direct	-137 Jun 24 j 03:36	12°♊59'15		
morning max el	-137 Jul 03 j 12:07	17°♊20'09	19°27'41	
asc. node	-137 Jul 12 j 03:21	28°♊43'01		
	-137 Jul 12 j 21:38	0°♋		
morning set	-137 Jul 20 j 19:42	14°♋56'50		
	-137 Jul 28 j 08:17	0°♌		
superior conj	-137 Jul 28 j 21:43	1°♌06'01	1°47'13	
minimum elong	-137 Jul 28 j 21:42	1°♌05'56	1°47'13	
max. Earth dist.	-137 Aug 04 j 00:50	12°♌47'30	1.37780 AU	
evening rise	-137 Aug 07 j 19:55	19°♌39'41		
	-137 Aug 13 j 20:42	0°♍		
desc. node	-137 Aug 20 j 21:12	11°♍11'24		
	-137 Sep 03 j 04:22	0°♎		
evening max el	-137 Sep 12 j 15:13	10°♎52'33	25°09'50	
retrograde	-137 Sep 24 j 11:44	17°♎43'55		
evening set	-137 Sep 30 j 07:01	15°♎16'58		
min. Earth dist.	-137 Oct 04 j 18:39	10°♎14'40	0.67144 AU	
inferior conj	-137 Oct 05 j 18:27	8°♎56'52	-0°48'16	
minimum elong	-137 Oct 05 j 19:39	8°♎52'56	0°47'45	
asc. node	-137 Oct 08 j 02:34	6°♎00'29		
morning rise	-137 Oct 11 j 08:23	2°♎57'05		
direct	-137 Oct 14 j 20:08	1°♎46'43		
morning max el	-137 Oct 22 j 04:57	5°♎58'45	19°40'55	
	-137 Nov 08 j 15:35	0°♏		
morning set	-137 Nov 16 j 08:03	11°♏48'59		
desc. node	-137 Nov 16 j 20:31	12°♏37'16		
	-137 Nov 27 j 23:04	0°♐		
max. Earth dist.	-137 Nov 28 j 18:33	1°♐17'18	1.44291 AU	
superior conj	-137 Dec 03 j 01:28	8°♐08'39	-1°33'57	
minimum elong	-137 Dec 02 j 17:33	7°♐36'47	1°33'14	
	-137 Dec 16 j 07:23	0°♑		
evening rise	-137 Dec 16 j 20:16	0°♑54'23		
asc. node	-136 Jan 04 j 01:52	29°♑04'28		
evening max el	-136 Jan 04 j 11:42	29°♑29'59	18°19'10	
	-136 Jan 04 j 23:55	0°♒		
retrograde	-136 Jan 10 j 23:39	3°♒01'13		
evening set	-136 Jan 13 j 22:18	2°♒14'49		
	-136 Jan 16 j 22:59	30°℞♑		
inferior conj	-136 Jan 19 j 23:09	26°♑50'07	3°45'44	
minimum elong	-136 Jan 19 j 21:44	26°♑54'07	3°45'36	
min. Earth dist.	-136 Jan 22 j 07:52	24°♑11'23	0.63726 AU	
morning rise	-136 Jan 25 j 20:32	20°♑47'18		
direct	-136 Feb 01 j 19:38	17°♑59'35		
desc. node	-136 Feb 12 j 19:41	23°♑18'20		
morning max el	-136 Feb 15 j 12:48	25°♑49'59	27°36'45	
	-136 Feb 19 j 09:38	0°♒		
	-136 Mar 11 j 00:17	0°♓		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-136 Mar 21 j 06:26	19°♓01'30	
max. Earth dist.	-136 Mar 26 j 09:48	29°♓32'45	1.33230 AU
	-136 Mar 26 j 15:00	0°♈	
superior conj	-136 Mar 29 j 01:40	5°♈11'31	-0°31'01
minimum elong	-136 Mar 29 j 03:10	5°♈19'29	0°30'41
asc. node	-136 Apr 01 j 01:11	11°♈35'48	
evening rise	-136 Apr 05 j 04:54	20°♈28'32	
	-136 Apr 09 j 21:01	0°♉	
evening max el	-136 Apr 27 j 15:25	26°♉28'47	22°55'08
	-136 May 01 j 22:10	0°♊	
retrograde	-136 May 10 j 22:58	3°♊05'18	
desc. node	-136 May 10 j 18:52	3°♊05'14	
evening set	-136 May 14 j 07:23	2°♊40'41	
	-136 May 20 j 17:18	30°℞♉	
min. Earth dist.	-136 May 22 j 00:27	29°♉16'14	0.55532 AU
inferior conj	-136 May 23 j 13:13	28°♉23'13	-3°21'17
minimum elong	-136 May 23 j 05:58	28°♉33'41	3°19'22
morning rise	-136 Jun 01 j 07:01	24°♉29'24	
direct	-136 Jun 04 j 01:04	24°♉11'33	
morning max el	-136 Jun 15 j 00:12	29°♉16'33	20°40'29
	-136 Jun 15 j 18:22	0°♊	
asc. node	-136 Jun 28 j 00:26	17°♊42'21	
morning set	-136 Jul 04 j 01:53	29°♊35'53	
	-136 Jul 04 j 06:35	0°♋	
superior conj	-136 Jul 11 j 15:29	15°♋13'03	1°43'08
minimum elong	-136 Jul 11 j 14:00	15°♋05'29	1°43'04
max. Earth dist.	-136 Jul 16 j 08:21	24°♋37'19	1.35970 AU
	-136 Jul 19 j 03:28	0°♌	
evening rise	-136 Jul 20 j 10:37	2°♌26'07	
	-136 Aug 05 j 20:38	0°♍	
desc. node	-136 Aug 06 j 18:12	1°♍20'35	
evening max el	-136 Aug 25 j 02:47	24°♍28'51	26°15'48
	-136 Sep 01 j 04:33	0°♎	
retrograde	-136 Sep 06 j 18:44	1°♎38'47	
	-136 Sep 11 j 19:55	30°℞♍	
evening set	-136 Sep 13 j 04:16	28°♍58'42	
min. Earth dist.	-136 Sep 17 j 08:05	24°♍33'15	0.66384 AU
inferior conj	-136 Sep 18 j 19:27	22°♍44'14	-1°44'22
minimum elong	-136 Sep 18 j 22:06	22°♍36'05	1°43'19
asc. node	-136 Sep 23 j 23:38	17°♍21'35	
morning rise	-136 Sep 24 j 16:17	16°♍54'44	
direct	-136 Sep 27 j 18:19	16°♍00'28	
morning max el	-136 Oct 04 j 13:55	19°♍48'16	18°49'05
	-136 Oct 12 j 11:27	0°♎	
morning set	-136 Oct 25 j 23:10	21°♎00'34	
	-136 Oct 31 j 15:47	0°♏	
desc. node	-136 Nov 02 j 17:33	3°♏15'54	
max. Earth dist.	-136 Nov 10 j 11:55	15°♏28'26	1.44965 AU
superior conj	-136 Nov 11 j 06:00	16°♏39'34	-0°53'56
minimum elong	-136 Nov 10 j 23:17	16°♏13'08	0°53'07
	-136 Nov 19 j 16:29	0°♐	
evening rise	-136 Nov 26 j 19:43	11°♐25'26	
	-136 Dec 08 j 10:22	0°♑	
evening max el	-136 Dec 17 j 22:50	12°♑54'30	18°48'39
asc. node	-136 Dec 20 j 22:55	15°♑27'14	
retrograde	-136 Dec 24 j 17:04	16°♑42'57	
evening set	-136 Dec 27 j 21:13	15°♑45'20	
inferior conj	-135 Jan 02 j 14:53	10°♑03'10	3°25'44
minimum elong	-135 Jan 02 j 12:25	10°♑10'45	3°25'16
min. Earth dist.	-135 Jan 04 j 08:18	7°♑56'16	0.65257 AU
morning rise	-135 Jan 08 j 03:16	3°♑54'25	
direct	-135 Jan 14 j 18:58	1°♑02'32	
morning max el	-135 Jan 27 j 22:37	8°♑43'26	26°54'16
desc. node	-135 Jan 29 j 16:46	10°♑32'57	
	-135 Feb 13 j 14:36	0°♒	
	-135 Mar 03 j 09:23	0°♓	
morning set	-135 Mar 04 j 17:33	2°♓32'57	
max. Earth dist.	-135 Mar 09 j 04:04	11°♓16'45	1.34314 AU
superior conj	-135 Mar 13 j 03:38	19°♓26'57	-0°57'38
minimum elong	-135 Mar 13 j 06:22	19°♓41'12	0°57'07
	-135 Mar 18 j 03:59	0°♈	
asc. node	-135 Mar 18 j 22:14	1°♈36'05	
evening rise	-135 Mar 20 j 14:49	5°♈08'21	
	-135 Apr 03 j 10:00	0°♉	
evening max el	-135 Apr 09 j 12:16	7°♉14'37	21°23'52
retrograde	-135 Apr 21 j 13:53	13°♉06'47	
evening set	-135 Apr 23 j 23:05	12°♉53'47	
desc. node	-135 Apr 27 j 15:55	11°♉47'06	
inferior conj	-135 May 03 j 08:21	8°♉53'17	-1°36'49
minimum elong	-135 May 03 j 03:51	8°♉59'37	1°35'14
min. Earth dist.	-135 May 03 j 13:19	8°♉46'18	0.54991 AU
morning rise	-135 May 12 j 09:05	4°♉53'15	
direct	-135 May 15 j 11:37	4°♉32'15	
morning max el	-135 May 28 j 01:29	10°♉30'14	22°10'58
	-135 Jun 11 j 03:00	0°♊	
asc. node	-135 Jun 14 j 21:31	7°♊08'31	
morning set	-135 Jun 18 j 11:44	14°♊27'06	
superior conj	-135 Jun 25 j 17:24	29°♊45'19	1°32'42
minimum elong	-135 Jun 25 j 15:07	29°♊33'16	1°32'30
	-135 Jun 25 j 20:12	0°♋	
max. Earth dist.	-135 Jun 29 j 00:19	6°♋35'57	1.34489 AU
evening rise	-135 Jul 03 j 17:14	16°♋00'15	
	-135 Jul 11 j 07:15	0°♌	
desc. node	-135 Jul 24 j 15:13	21°♌05'05	
	-135 Jul 31 j 08:50	0°♍	
evening max el	-135 Aug 07 j 14:37	7°♍58'40	27°03'12
retrograde	-135 Aug 20 j 20:39	15°♍17'29	
evening set	-135 Aug 27 j 17:53	12°♍31'33	
min. Earth dist.	-135 Aug 31 j 14:36	8°♍43'12	0.65265 AU
inferior conj	-135 Sep 02 j 14:34	6°♍26'28	-2°39'17
minimum elong	-135 Sep 02 j 18:30	6°♍15'14	2°37'54
morning rise	-135 Sep 08 j 19:47	0°♍50'17	
asc. node	-135 Sep 10 j 20:43	0°♍11'24	
direct	-135 Sep 11 j 14:32	0°♍08'23	
morning max el	-135 Sep 18 j 03:38	3°♍41'13	18°13'35
	-135 Oct 05 j 19:12	0°♎	
morning set	-135 Oct 06 j 18:40	1°♎36'42	
desc. node	-135 Oct 20 j 14:33	24°♎00'23	
superior conj	-135 Oct 21 j 08:23	25°♎11'07	-0°04'54
minimum elong	-135 Oct 21 j 07:45	25°♎08'38	0°04'49
behind sun begin	-135 Oct 20 j 21:11	24°♎26'41	
behind sun end	-135 Oct 21 j 18:20	25°♎50'33	
	-135 Oct 24 j 09:30	0°♏	
max. Earth dist.	-135 Oct 24 j 06:33	29°♎48'21	1.44905 AU
evening rise	-135 Nov 06 j 19:54	21°♏00'05	
	-135 Nov 12 j 14:51	0°♐	
greatest brilliancy	-135 Nov 18 j 22:37	9°♐42'48	-0.7m
evening max el	-135 Dec 01 j 06:26	26°♐22'16	19°34'53
	-135 Dec 05 j 23:25	0°♑	
asc. node	-135 Dec 07 j 19:59	0°♑33'33	
retrograde	-135 Dec 08 j 13:53	0°♑36'41	
	-135 Dec 11 j 02:01	30°℞♐	
evening set	-135 Dec 12 j 01:09	29°♐26'15	
inferior conj	-135 Dec 17 j 13:56	23°♐29'29	2°54'25
minimum elong	-135 Dec 17 j 11:08	23°♐38'40	2°53'38
min. Earth dist.	-135 Dec 18 j 17:11	22°♐00'26	0.66402 AU
morning rise	-135 Dec 22 j 20:52	17°♐17'15	
direct	-135 Dec 29 j 00:28	14°♐33'44	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-134 Jan 10 j 07:54	21°♐51'53	25°46'47	
desc. node	-134 Jan 16 j 13:49	28°♐54'04		
	-134 Jan 17 j 11:03	0°♑		
	-134 Feb 06 j 20:24	0°♒		
morning set	-134 Feb 15 j 14:09	15°♒16'48		
max. Earth dist.	-134 Feb 19 j 10:16	22°♒28'23	1.35853 AU	
	-134 Feb 23 j 06:54	0°♓		
superior conj	-134 Feb 24 j 21:49	3°♓14'31	-1°22'34	
minimum elong	-134 Feb 25 j 01:28	3°♓32'53	1°22'02	
evening rise	-134 Mar 04 j 21:00	19°♓31'09		
asc. node	-134 Mar 05 j 19:17	21°♓24'16		
	-134 Mar 10 j 04:25	0°♈		
evening max el	-134 Mar 22 j 19:52	18°♈34'06	20°06'24	
retrograde	-134 Apr 02 j 04:44	23°♈32'33		
evening set	-134 Apr 04 j 07:17	23°♈21'08		
inferior conj	-134 Apr 13 j 05:36	19°♈22'04	0°22'20	
minimum elong	-134 Apr 13 j 06:36	19°♈20'34	0°21'58	
desc. node	-134 Apr 14 j 12:58	18°♈34'57		
min. Earth dist.	-134 Apr 15 j 03:19	18°♈13'37	0.55416 AU	
morning rise	-134 Apr 22 j 03:57	14°♈57'19		
direct	-134 Apr 26 j 01:32	14°♈23'57		
morning max el	-134 May 09 j 18:39	21°♈10'29	23°51'17	
	-134 May 17 j 08:54	0°♉		
asc. node	-134 Jun 01 j 18:34	26°♉54'05		
morning set	-134 Jun 02 j 23:24	29°♉24'33		
	-134 Jun 03 j 06:08	0°♊		
superior conj	-134 Jun 10 j 00:39	14°♊33'38	1°17'18	
minimum elong	-134 Jun 09 j 22:09	14°♊20'11	1°16'57	
max. Earth dist.	-134 Jun 12 j 01:43	18°♊56'32	1.33400 AU	
evening rise	-134 Jun 17 j 11:23	0°♋09'14		
	-134 Jun 17 j 09:33	0°♋		
	-134 Jul 04 j 07:49	0°♌		
desc. node	-134 Jul 11 j 12:15	10°♌13'58		
evening max el	-134 Jul 21 j 01:35	21°♌10'39	27°24'54	
retrograde	-134 Aug 03 j 16:41	28°♌30'39		
evening set	-134 Aug 10 j 20:48	25°♌49'48		
min. Earth dist.	-134 Aug 14 j 12:10	22°♌35'25	0.63783 AU	
inferior conj	-134 Aug 17 j 01:14	19°♌57'43	-3°30'13	
minimum elong	-134 Aug 17 j 05:57	19°♌45'32	3°28'53	
morning rise	-134 Aug 23 j 16:06	14°♌37'58		
direct	-134 Aug 26 j 06:03	14°♌05'01		
asc. node	-134 Aug 28 j 17:47	14°♌36'03		
morning max el	-134 Sep 01 j 19:19	17°♌31'00	17°55'25	
	-134 Sep 10 j 18:51	0°♍		
morning set	-134 Sep 18 j 16:35	13°♍29'03		
	-134 Sep 28 j 09:35	0°♎		
superior conj	-134 Oct 01 j 05:09	4°♎39'08	0°40'47	
minimum elong	-134 Oct 01 j 09:17	4°♎56'05	0°40'15	
max. Earth dist.	-134 Oct 06 j 23:35	13°♎59'21	1.44134 AU	
desc. node	-134 Oct 07 j 11:34	14°♎47'07		
evening rise	-134 Oct 17 j 04:29	29°♎58'53		
	-134 Oct 17 j 04:47	0°♏		
	-134 Nov 06 j 09:41	0°♐		
evening max el	-134 Nov 14 j 08:53	9°♐50'41	20°35'43	
retrograde	-134 Nov 22 j 11:30	14°♐38'00		
asc. node	-134 Nov 24 j 17:02	14°♐09'42		
evening set	-134 Nov 26 j 07:53	13°♐12'42		
inferior conj	-134 Dec 01 j 17:41	7°♐04'25	2°14'39	
minimum elong	-134 Dec 01 j 15:06	7°♐13'12	2°13'47	
min. Earth dist.	-134 Dec 02 j 08:18	6°♐14'45	0.67170 AU	
morning rise	-134 Dec 06 j 22:07	0°♐50'55		
	-134 Dec 07 j 23:14	30°℞♏		
direct	-134 Dec 12 j 11:09	28°♏24'30		
	-134 Dec 17 j 11:26	0°♐		
morning max el	-134 Dec 23 j 16:10	5°♐05'41	24°24'07	
desc. node	-133 Jan 03 j 10:50	18°♐01'42		
	-133 Jan 11 j 21:33	0°♑		
morning set	-133 Jan 28 j 14:30	26°♑56'34		
	-133 Jan 30 j 08:11	0°♒		
max. Earth dist.	-133 Feb 01 j 07:10	3°♒30'34	1.37779 AU	
superior conj	-133 Feb 08 j 04:54	16°♒24'56	-1°43'40	
minimum elong	-133 Feb 08 j 08:39	16°♒43'03	1°43'19	
	-133 Feb 15 j 02:45	0°♓		
evening rise	-133 Feb 16 j 21:05	3°♓30'08		
asc. node	-133 Feb 20 j 16:21	10°♓55'11		
	-133 Mar 05 j 01:30	0°♈		
evening max el	-133 Mar 05 j 14:34	0°♈32'20	19°07'33	
retrograde	-133 Mar 14 j 08:12	4°♈44'33		
evening set	-133 Mar 16 j 13:53	4°♈29'12		
inferior conj	-133 Mar 24 j 17:53	0°♈17'09	2°03'19	
minimum elong	-133 Mar 24 j 22:04	0°♈09'58	2°02'05	
	-133 Mar 25 j 03:52	30°℞♓		
min. Earth dist.	-133 Mar 27 j 18:44	28°♓13'07	0.56707 AU	
desc. node	-133 Apr 01 j 10:00	25°♓37'27		
morning rise	-133 Apr 02 j 03:18	25°♓19'50		
direct	-133 Apr 07 j 03:38	24°♓21'03		
	-133 Apr 19 j 13:09	0°♈		
morning max el	-133 Apr 21 j 09:12	1°♈40'29	25°28'33	
	-133 May 11 j 05:39	0°♉		
morning set	-133 May 18 j 11:16	14°♉23'10		
asc. node	-133 May 19 j 15:36	16°♉53'27		
superior conj	-133 May 25 j 11:04	29°♉31'01	0°57'58	
minimum elong	-133 May 25 j 08:52	29°♉18'58	0°57'33	
	-133 May 25 j 16:22	0°♊		
max. Earth dist.	-133 May 26 j 10:26	1°♊38'30	1.32700 AU	
evening rise	-133 Jun 01 j 13:38	14°♊42'32		
	-133 Jun 09 j 10:21	0°♋		
desc. node	-133 Jun 28 j 09:16	28°♋32'23		
	-133 Jun 29 j 15:53	0°♌		
evening max el	-133 Jul 03 j 09:26	3°♌52'05	27°15'24	
retrograde	-133 Jul 17 j 05:57	11°♌09'24		
evening set	-133 Jul 24 j 09:08	8°♌46'54		
min. Earth dist.	-133 Jul 27 j 23:26	5°♌58'10	0.61978 AU	
inferior conj	-133 Jul 31 j 00:25	3°♌10'59	-4°12'43	
minimum elong	-133 Jul 31 j 04:48	3°♌00'54	4°11'53	
	-133 Aug 03 j 18:44	30°℞♋		
morning rise	-133 Aug 07 j 01:54	28°♋10'56		
direct	-133 Aug 09 j 13:38	27°♋44'05		
	-133 Aug 15 j 02:10	0°♌		
asc. node	-133 Aug 15 j 14:49	0°♌26'37		
morning max el	-133 Aug 16 j 10:06	1°♌11'22	17°55'35	
morning set	-133 Sep 01 j 10:58	26°♌20'32		
	-133 Sep 03 j 11:27	0°♍		
superior conj	-133 Sep 12 j 05:12	15°♍28'08	1°15'04	
minimum elong	-133 Sep 12 j 10:06	15°♍49'15	1°14'32	
max. Earth dist.	-133 Sep 19 j 12:50	27°♍46'05	1.42751 AU	
	-133 Sep 20 j 21:40	0°♎		
desc. node	-133 Sep 24 j 08:35	5°♎33'14		
evening rise	-133 Sep 26 j 14:16	9°♎05'21		
	-133 Oct 10 j 09:48	0°♏		
evening max el	-133 Oct 28 j 05:33	23°♏19'45	21°47'49	
retrograde	-133 Nov 06 j 08:03	28°♏44'29		
evening set	-133 Nov 10 j 15:37	27°♏02'25		
asc. node	-133 Nov 11 j 14:04	26°♏12'58		
inferior conj	-133 Nov 16 j 00:02	20°♏45'54	1°28'34	
minimum elong	-133 Nov 15 j 22:08	20°♏52'28	1°27'50	
min. Earth dist.	-133 Nov 16 j 03:19	20°♏34'33	0.67582 AU	
morning rise	-133 Nov 21 j 04:29	14°♏33'11		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-133 Nov 26 j 02:16	12°♏28'32		
morning max el	-133 Dec 06 j 01:47	18°♏24'02	22°56'18	
	-133 Dec 15 j 17:58	0°♐		
desc. node	-133 Dec 21 j 07:51	7°♐42'39		
	-132 Jan 05 j 01:10	0°♑		
morning set	-132 Jan 09 j 12:20	7°♑16'10		
max. Earth dist.	-132 Jan 14 j 02:43	15°♑01'53	1.39899 AU	
	-132 Nov 15 j 17:21	0°♏		
morning max el	-132 Nov 17 j 16:19	1°♏50'30	21°32'06	
desc. node	-132 Dec 07 j 04:53	27°♏47'41		
	-132 Dec 08 j 16:21	0°♐		
morning set	-132 Dec 19 j 05:16	16°♐14'04		
max. Earth dist.	-132 Dec 26 j 03:33	27°♐26'03	1.41927 AU	
	-132 Dec 27 j 16:40	0°♑		

superior conj	-132 Jan 21 j 20:28	28°♑46'27	-1°57'56	
minimum elong	-132 Jan 21 j 22:50	28°♑57'22	1°57'51	
	-132 Jan 22 j 12:29	0°♒		
evening rise	-132 Jan 31 j 12:11	16°♒57'41		
asc. node	-132 Feb 07 j 13:23	0°♓02'09		
	-132 Feb 07 j 12:53	0°♓		
evening max el	-132 Feb 16 j 18:03	13°♓03'14	18°28'38	
retrograde	-132 Feb 24 j 06:38	16°♓45'02		
evening set	-132 Feb 26 j 17:26	16°♓22'44		
inferior conj	-132 Mar 05 j 02:56	11°♓50'48	3°10'00	
minimum elong	-132 Mar 05 j 06:44	11°♓43'10	3°09'16	
min. Earth dist.	-132 Mar 08 j 13:13	9°♓07'12	0.58575 AU	
morning rise	-132 Mar 12 j 17:28	6°♓24'36		
desc. node	-132 Mar 18 j 07:03	4°♓50'36		
direct	-132 Mar 18 j 18:52	4°♓49'58		
morning max el	-132 Apr 02 j 03:04	12°♓28'12	26°47'25	
	-132 Apr 15 j 21:15	0°♈		
morning set	-132 May 01 j 21:36	29°♈16'11		
	-132 May 02 j 05:57	0°♉		
asc. node	-132 May 05 j 12:38	7°♉00'49		
	-131 Jan 02 j 15:15	10°♑06'23	-2°01'20	
minimum elong	-131 Jan 02 j 14:10	10°♑01'39	2°01'19	
evening rise	-131 Jan 13 j 14:50	29°♑46'12		
	-131 Jan 13 j 17:51	0°♒		
asc. node	-131 Jan 24 j 10:25	18°♒37'39		
evening max el	-131 Jan 30 j 03:22	25°♒58'54	18°09'44	
retrograde	-131 Feb 05 j 22:36	29°♒26'09		
evening set	-131 Feb 08 j 14:01	28°♒55'23		
inferior conj	-131 Feb 15 j 08:07	24°♒02'21	3°43'17	
minimum elong	-131 Feb 15 j 09:48	23°♒58'24	3°43'09	
min. Earth dist.	-131 Feb 18 j 13:55	21°♒02'39	0.60668 AU	
morning rise	-131 Feb 22 j 03:50	18°♒16'09		
direct	-131 Feb 28 j 21:47	16°♒04'39		
desc. node	-131 Mar 05 j 04:04	16°♒53'12		
morning max el	-131 Mar 15 j 03:13	23°♒53'23	27°35'19	
	-131 Mar 20 j 15:49	0°♓		
	-131 Apr 09 j 01:49	0°♈		
morning set	-131 Apr 16 j 04:40	13°♈57'28		
asc. node	-131 Apr 22 j 09:41	27°♈11'55		
max. Earth dist.	-131 Apr 22 j 11:15	27°♈20'26	1.32399 AU	

superior conj	-132 May 08 j 22:45	14°♉30'02	0°35'31	
minimum elong	-132 May 08 j 21:15	14°♉21'47	0°35'12	
max. Earth dist.	-132 May 08 j 22:55	14°♉30'55	1.32368 AU	
evening rise	-132 May 15 j 21:09	29°♉29'53		
	-132 May 16 j 02:54	0°♊		
	-132 Jun 01 j 17:05	0°♋		
desc. node	-132 Jun 14 j 06:18	15°♋38'09		
evening max el	-132 Jun 14 j 11:21	15°♋50'15	26°32'45	
retrograde	-132 Jun 28 j 11:12	23°♋04'43		
evening set	-132 Jul 05 j 02:18	21°♋13'22		
min. Earth dist.	-132 Jul 09 j 00:33	18°♋35'50	0.59954 AU	
inferior conj	-132 Jul 12 j 08:32	15°♋56'07	-4°39'48	
minimum elong	-132 Jul 12 j 10:46	15°♋51'37	4°39'39	
morning rise	-132 Jul 19 j 21:14	11°♋18'25		
direct	-132 Jul 22 j 08:56	10°♋55'43		
morning max el	-132 Jul 29 j 21:00	14°♋33'51	18°15'12	
asc. node	-132 Aug 01 j 11:50	17°♋27'26		
	-132 Aug 09 j 12:08	0°♌		
morning set	-132 Aug 14 j 20:09	9°♌54'38		
	-131 Jul 01 j 22:24	23°♊48'32		
direct	-131 Jul 04 j 11:30	23°♊28'49		
morning max el	-131 Jul 13 j 01:04	27°♊30'01	18°55'15	
	-131 Jul 15 j 09:38	0°♋		
asc. node	-131 Jul 19 j 08:52	5°♋24'01		
morning set	-131 Jul 29 j 15:53	24°♋00'07		
	-131 Aug 01 j 16:57	0°♌		

superior conj	-132 Aug 24 j 06:32	27°♌32'07	1°36'20	
minimum elong	-132 Aug 24 j 09:49	27°♌47'00	1°36'05	
	-132 Aug 25 j 15:16	0°♍		
max. Earth dist.	-132 Aug 31 j 20:35	10°♍53'11	1.40925 AU	
evening rise	-132 Sep 05 j 17:29	19°♍00'52		
desc. node	-132 Sep 10 j 05:37	26°♍14'59		
	-132 Sep 12 j 15:12	0°♎		
	-132 Oct 03 j 20:10	0°♏		
evening max el	-132 Oct 09 j 21:03	6°♏50'11	23°06'46	
retrograde	-132 Oct 20 j 02:07	12°♏53'23		
evening set	-132 Oct 24 j 22:42	10°♏53'19		
asc. node	-132 Oct 28 j 11:04	7°♏01'24		
inferior conj	-132 Oct 30 j 07:09	4°♏32'10	0°37'49	
minimum elong	-132 Oct 30 j 06:16	4°♏35'12	0°37'26	
min. Earth dist.	-132 Oct 29 j 23:53	4°♏57'13	0.67658 AU	
	-132 Nov 02 j 20:35	30°℞♎		
morning rise	-132 Nov 04 j 13:47	28°♎22'28		
direct	-132 Nov 08 j 20:58	26°♎40'30		
	-131 Aug 07 j 03:37	10°♌35'26	1°46'01	
minimum elong	-131 Aug 07 j 04:43	10°♌40'42	1°45'59	
max. Earth dist.	-131 Aug 13 j 23:45	23°♌15'17	1.38910 AU	
evening rise	-131 Aug 17 j 21:21	0°♍05'54		
	-131 Aug 17 j 19:59	0°♍		
desc. node	-131 Aug 28 j 02:39	16°♍48'12		
	-131 Sep 05 j 23:47	0°♎		
evening max el	-131 Sep 22 j 09:18	20°♎23'19	24°26'32	
retrograde	-131 Oct 03 j 16:36	27°♎00'26		
evening set	-131 Oct 09 j 03:24	24°♎42'41		
min. Earth dist.	-131 Oct 13 j 19:38	19°♎20'04	0.67415 AU	
inferior conj	-131 Oct 14 j 13:18	18°♎20'50	-0°16'14	
minimum elong	-131 Oct 14 j 13:42	18°♎19'30	0°16'05	
transit middle	-131 Oct 14 j 13:42	18°♎19'30	0°16'05	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

transit begin	-131 Oct 14 j 13:17	18°♎20'55	
transit end	-131 Oct 14 j 14:08	18°♎18'05	
asc. node	-131 Oct 15 j 08:06	17°♎18'09	
morning rise	-131 Oct 20 j 00:03	12°♎16'33	
direct	-131 Oct 23 j 18:14	10°♎55'37	
morning max el	-131 Oct 31 j 14:00	15°♎26'34	20°17'41
	-131 Nov 11 j 22:16	0°♏	
desc. node	-131 Nov 24 j 01:54	18°♏09'26	
morning set	-131 Nov 28 j 03:04	24°♏23'18	
	-131 Dec 01 j 17:36	0°♐	
max. Earth dist.	-131 Dec 08 j 11:34	10°♐41'24	1.43584 AU
superior conj	-131 Dec 14 j 08:16	20°♐13'16	-1°49'15
minimum elong	-131 Dec 14 j 02:20	19°♐48'52	1°48'52
	-131 Dec 20 j 04:35	0°♑	
evening rise	-131 Dec 27 j 00:46	11°♑46'23	
	-130 Jan 06 j 18:16	0°♒	
asc. node	-130 Jan 11 j 07:27	6°♒31'23	
evening max el	-130 Jan 13 j 15:33	9°♒10'41	18°10'19
retrograde	-130 Jan 20 j 03:40	12°♒37'05	
evening set	-130 Jan 22 j 23:30	11°♒56'47	
inferior conj	-130 Jan 29 j 05:45	6°♒43'23	3°50'30
minimum elong	-130 Jan 29 j 05:17	6°♒44'37	3°50'29
min. Earth dist.	-130 Jan 31 j 23:15	3°♒51'19	0.62687 AU
morning rise	-130 Feb 04 j 10:04	0°♒45'07	
	-130 Feb 05 j 11:50	30°℞♑	
direct	-130 Feb 11 j 10:04	28°♑06'06	
	-130 Feb 17 j 19:52	0°♒	
desc. node	-130 Feb 20 j 01:06	1°♒24'33	
morning max el	-130 Feb 25 j 08:55	5°♒58'37	27°46'31
	-130 Mar 15 j 14:01	0°♓	
morning set	-130 Mar 31 j 06:18	28°♓19'10	
	-130 Apr 01 j 02:10	0°♈	
max. Earth dist.	-130 Apr 05 j 19:26	9°♈52'43	1.32806 AU
superior conj	-130 Apr 07 j 19:18	14°♈10'11	-0°15'34
minimum elong	-130 Apr 07 j 20:02	14°♈14'10	0°15'24
behind sun begin	-130 Apr 07 j 18:46	14°♈07'17	
behind sun end	-130 Apr 07 j 21:19	14°♈21'04	
asc. node	-130 Apr 09 j 06:45	17°♈22'17	
evening rise	-130 Apr 14 j 19:34	29°♈17'38	
	-130 Apr 15 j 03:36	0°♉	
	-130 May 02 j 04:24	0°♊	
evening max el	-130 May 08 j 21:01	7°♊44'17	23°50'07
desc. node	-130 May 19 j 00:20	14°♊08'26	
retrograde	-130 May 22 j 15:13	14°♊38'17	
evening set	-130 May 26 j 18:21	14°♊00'35	
min. Earth dist.	-130 Jun 02 j 07:58	10°♊53'44	0.56222 AU
inferior conj	-130 Jun 04 j 15:42	9°♊28'46	-4°03'39
minimum elong	-130 Jun 04 j 09:26	9°♊38'23	4°02'26
morning rise	-130 Jun 13 j 03:23	5°♊30'04	
direct	-130 Jun 15 j 18:50	5°♊12'11	
morning max el	-130 Jun 25 j 19:34	9°♊50'47	19°56'16
asc. node	-130 Jul 06 j 05:57	24°♊03'44	
	-130 Jul 09 j 11:49	0°♋	
morning set	-130 Jul 13 j 19:01	8°♋29'05	
superior conj	-130 Jul 21 j 15:08	24°♋23'10	1°46'22
minimum elong	-130 Jul 21 j 14:25	24°♋19'34	1°46'21
	-130 Jul 24 j 11:26	0°♌	
max. Earth dist.	-130 Jul 27 j 03:45	5°♌08'49	1.36969 AU
evening rise	-130 Jul 31 j 00:44	12°♌19'21	
	-130 Aug 10 j 09:45	0°♍	
desc. node	-130 Aug 14 j 23:41	7°♍08'10	
	-130 Sep 01 j 01:36	0°♎	
evening max el	-130 Sep 04 j 20:49	4°♎00'13	25°39'49
retrograde	-130 Sep 17 j 02:37	11°♎01'26	
evening set	-130 Sep 23 j 03:58	8°♎28'23	
min. Earth dist.	-130 Sep 27 j 12:12	3°♎41'21	0.66853 AU
inferior conj	-130 Sep 28 j 16:46	2°♎09'58	-1°12'04
minimum elong	-130 Sep 28 j 18:35	2°♎04'09	1°11'19
	-130 Sep 30 j 10:22	30°℞♍	
asc. node	-130 Oct 02 j 05:09	28°♍01'38	
morning rise	-130 Oct 04 j 09:25	26°♍13'58	
direct	-130 Oct 07 j 16:41	25°♍10'56	
morning max el	-130 Oct 14 j 19:11	29°♍11'55	19°16'56
	-130 Oct 15 j 13:33	0°♎	
	-130 Nov 05 j 08:43	0°♏	
morning set	-130 Nov 07 j 05:34	2°♏54'35	
desc. node	-130 Nov 10 j 22:58	8°♏43'12	
max. Earth dist.	-130 Nov 21 j 02:04	24°♏36'32	1.44663 AU
superior conj	-130 Nov 23 j 23:27	29°♏11'15	-1°18'49
minimum elong	-130 Nov 23 j 15:12	28°♏38'30	1°17'58
	-130 Nov 24 j 11:43	0°♐	
evening rise	-130 Dec 08 j 13:42	22°♐51'00	
	-130 Dec 12 j 21:18	0°♑	
evening max el	-130 Dec 28 j 03:52	22°♑32'31	18°29'35
asc. node	-130 Dec 29 j 04:29	23°♑31'33	
retrograde	-129 Jan 03 j 17:33	26°♑09'38	
evening set	-129 Jan 06 j 18:23	25°♑18'40	
inferior conj	-129 Jan 12 j 15:54	19°♑46'33	3°38'49
minimum elong	-129 Jan 12 j 13:57	19°♑52'17	3°38'34
min. Earth dist.	-129 Jan 14 j 18:10	17°♑19'59	0.64430 AU
morning rise	-129 Jan 18 j 09:00	13°♑40'57	
direct	-129 Jan 25 j 05:53	10°♑49'23	
desc. node	-129 Feb 06 j 22:10	17°♑49'01	
morning max el	-129 Feb 07 j 17:49	18°♑37'12	27°22'08
	-129 Feb 17 j 09:23	0°♒	
	-129 Mar 08 j 11:53	0°♓	
morning set	-129 Mar 14 j 23:44	12°♓12'14	
max. Earth dist.	-129 Mar 19 j 19:38	21°♓55'58	1.33636 AU
superior conj	-129 Mar 23 j 00:36	28°♓38'53	-0°42'24
minimum elong	-129 Mar 23 j 02:38	28°♓49'40	0°41'59
	-129 Mar 23 j 15:54	0°♈	
asc. node	-129 Mar 27 j 03:49	7°♈27'41	
evening rise	-129 Mar 30 j 06:44	14°♈04'40	
	-129 Apr 07 j 09:24	0°♉	
evening max el	-129 Apr 20 j 13:53	18°♉21'01	22°15'08
retrograde	-129 May 03 j 10:35	24°♉40'05	
desc. node	-129 May 05 j 21:23	24°♉26'47	
evening set	-129 May 06 j 06:59	24°♉22'10	
min. Earth dist.	-129 May 14 j 20:43	20°♉41'34	0.55189 AU
inferior conj	-129 May 15 j 16:18	20°♉13'58	-2°40'55
minimum elong	-129 May 15 j 09:34	20°♉23'29	2°38'50
morning rise	-129 May 24 j 13:47	16°♉19'32	
direct	-129 May 27 j 10:34	16°♉00'57	
morning max el	-129 Jun 08 j 02:52	21°♉28'36	21°17'06
	-129 Jun 15 j 06:36	0°♊	
asc. node	-129 Jun 23 j 03:02	13°♊15'34	
morning set	-129 Jun 28 j 03:01	23°♊14'04	
	-129 Jul 01 j 08:51	0°♋	
superior conj	-129 Jul 05 j 12:46	8°♋41'59	1°39'24
minimum elong	-129 Jul 05 j 10:52	8°♋32'08	1°39'16
max. Earth dist.	-129 Jul 09 j 14:39	17°♋00'29	1.35296 AU
evening rise	-129 Jul 13 j 22:50	25°♋28'03	
	-129 Jul 16 j 09:04	0°♌	
desc. node	-129 Aug 01 j 20:42	27°♌07'54	
	-129 Aug 03 j 20:40	0°♍	
evening max el	-129 Aug 18 j 08:46	17°♍35'35	26°38'48
retrograde	-129 Aug 31 j 07:25	24°♍49'53	
evening set	-129 Sep 06 j 22:15	22°♍06'35	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-129 Sep 10 j 23:04	17°♍56'44	0.65951 AU	
inferior conj	-129 Sep 12 j 15:33	15°♍55'43	-2°07'57	
minimum elong	-129 Sep 12 j 18:46	15°♍46'03	2°06'43	
morning rise	-129 Sep 18 j 15:44	10°♍11'12		
asc. node	-129 Sep 19 j 02:13	9°♍57'54		
direct	-129 Sep 21 j 14:26	9°♍22'29		
morning max el	-129 Sep 28 j 06:22	13°♍02'51	18°31'53	
	-129 Oct 10 j 10:22	0°♎		
morning set	-129 Oct 18 j 08:24	12°♎41'24		
desc. node	-129 Oct 28 j 20:00	29°♎24'30		
	-129 Oct 29 j 04:59	0°♏		
superior conj	-129 Nov 03 j 00:11	7°♏34'02	-0°33'30	
minimum elong	-129 Nov 02 j 19:47	7°♏16'45	0°32'55	
max. Earth dist.	-129 Nov 03 j 20:28	8°♏53'47	1.45033 AU	
	-129 Nov 17 j 06:13	0°♐		
evening rise	-129 Nov 19 j 02:51	2°♐56'32		
greatest brilliancy	-129 Nov 28 j 07:03	17°♐26'55	-0.8m	
	-129 Dec 06 j 16:24	0°♑		
evening max el	-129 Dec 11 j 13:48	5°♑59'08	19°06'27	
asc. node	-129 Dec 16 j 01:30	9°♑23'48		
retrograde	-129 Dec 18 j 12:41	9°♑57'13		
evening set	-129 Dec 21 j 19:44	8°♑54'12		
inferior conj	-129 Dec 27 j 11:05	3°♑05'33	3°13'37	
minimum elong	-129 Dec 27 j 08:23	3°♑14'03	3°13'01	
min. Earth dist.	-129 Dec 28 j 22:15	1°♑14'32	0.65793 AU	
	-129 Dec 29 j 22:39	30°℞♐		
morning rise	-128 Jan 01 j 20:47	26°♐55'23		
direct	-128 Jan 08 j 07:53	24°♐05'46		
	-128 Jan 19 j 10:50	0°♑		
morning max el	-128 Jan 21 j 03:26	1°♑37'55	26°28'08	
desc. node	-128 Jan 24 j 19:14	5°♑34'40		
	-128 Feb 11 j 11:51	0°♒		
morning set	-128 Feb 26 j 05:20	25°♒25'40		
	-128 Feb 28 j 14:47	0°♓		
max. Earth dist.	-128 Mar 01 j 08:55	3°♓25'57	1.34917 AU	
superior conj	-128 Mar 05 j 23:41	12°♓44'18	-1°08'30	
minimum elong	-128 Mar 06 j 02:52	13°♓00'41	1°07'58	
asc. node	-128 Mar 13 j 00:52	27°♓23'55		
evening rise	-128 Mar 13 j 15:23	28°♓38'56		
	-128 Mar 14 j 07:09	0°♈		
evening max el	-128 Apr 01 j 15:07	29°♈20'25	20°48'48	
	-128 Apr 02 j 08:04	0°♉		
retrograde	-128 Apr 12 j 23:36	4°♉49'27		
evening set	-128 Apr 15 j 04:31	4°♉37'51		
desc. node	-128 Apr 21 j 18:25	2°♉09'15		
inferior conj	-128 Apr 24 j 10:35	0°♉40'04	-0°46'00	
minimum elong	-128 Apr 24 j 08:24	0°♉43'11	0°45'13	
min. Earth dist.	-128 Apr 25 j 09:48	0°♉06'58	0.55062 AU	
	-128 Apr 25 j 14:43	30°℞♈		
morning rise	-128 May 03 j 11:43	26°♈31'49		
direct	-128 May 06 j 21:16	26°♈06'53		
	-128 May 17 j 02:48	0°♉		
morning max el	-128 May 20 j 00:04	2°♉26'07	22°53'00	
	-128 Jun 07 j 13:46	0°♊		
asc. node	-128 Jun 09 j 00:08	2°♊51'14		
morning set	-128 Jun 11 j 13:53	8°♊09'07		
superior conj	-128 Jun 18 j 17:16	23°♊22'12	1°26'43	
minimum elong	-128 Jun 18 j 14:49	23°♊09'11	1°26'26	
max. Earth dist.	-128 Jun 21 j 11:05	29°♊09'29	1.33986 AU	
	-128 Jun 21 j 20:47	0°♋		
evening rise	-128 Jun 26 j 10:53	9°♋18'40		
	-128 Jul 07 j 19:34	0°♌		
desc. node	-128 Jul 18 j 17:43	16°♌38'37		
	-128 Jul 29 j 20:17	0°♍		
evening max el	-128 Jul 30 j 20:33	0°♍59'25	27°15'51	
retrograde	-128 Aug 13 j 06:35	8°♍18'30		
evening set	-128 Aug 20 j 07:40	5°♍33'19		
min. Earth dist.	-128 Aug 24 j 01:51	2°♍00'07	0.64687 AU	
	-128 Aug 25 j 21:48	30°℞♌		
inferior conj	-128 Aug 26 j 07:22	29°♌33'38	-3°01'36	
minimum elong	-128 Aug 26 j 11:44	29°♌21'41	3°00'11	
morning rise	-128 Sep 01 j 16:34	24°♌04'03		
direct	-128 Sep 04 j 09:05	23°♌26'12		
asc. node	-128 Sep 04 j 23:18	23°♌28'03		
morning max el	-128 Sep 10 j 21:13	26°♌54'42	18°03'40	
	-128 Sep 13 j 13:52	0°♍		
morning set	-128 Sep 28 j 15:42	23°♍51'35		
	-128 Oct 02 j 07:45	0°♎		
superior conj	-128 Oct 12 j 08:14	16°♎23'05	0°15'35	
minimum elong	-128 Oct 12 j 10:06	16°♎30'32	0°15'20	
behind sun begin	-128 Oct 12 j 06:36	16°♎16'32		
behind sun end	-128 Oct 12 j 13:35	16°♎44'31		
desc. node	-128 Oct 14 j 17:00	20°♎09'56		
max. Earth dist.	-128 Oct 16 j 15:16	23°♎13'31	1.44662 AU	
	-128 Oct 20 j 22:34	0°♏		
evening rise	-128 Oct 28 j 18:48	12°♏11'35		
	-128 Nov 09 j 10:19	0°♐		
greatest brilliancy	-128 Nov 11 j 12:53	3°♐08'51	-0.6m	
evening max el	-128 Nov 23 j 19:18	19°♐26'38	19°59'11	
retrograde	-128 Dec 01 j 10:06	23°♐54'15		
asc. node	-128 Dec 01 j 22:33	23°♐52'43		
evening set	-128 Dec 05 j 01:05	22°♐37'31		
inferior conj	-128 Dec 10 j 12:21	16°♐35'15	2°38'26	
minimum elong	-128 Dec 10 j 09:35	16°♐44'30	2°37'36	
min. Earth dist.	-128 Dec 11 j 09:56	15°♐23'17	0.66768 AU	
morning rise	-128 Dec 15 j 17:54	10°♐22'21		
direct	-128 Dec 21 j 15:24	7°♐45'37		
morning max el	-127 Jan 02 j 12:17	14°♐49'14	25°13'04	
desc. node	-127 Jan 10 j 16:15	24°♐17'00		
	-127 Jan 14 j 23:19	0°♑		
	-127 Feb 03 j 08:23	0°♒		
morning set	-127 Feb 07 j 18:03	7°♒43'58		
max. Earth dist.	-127 Feb 11 j 10:58	14°♒31'25	1.36632 AU	
superior conj	-127 Feb 17 j 13:33	26°♒16'55	-1°32'08	
minimum elong	-127 Feb 17 j 17:23	26°♒35'52	1°31'39	
	-127 Feb 19 j 10:23	0°♓		
evening rise	-127 Feb 25 j 19:17	12°♓52'30		
asc. node	-127 Feb 27 j 21:54	17°♓05'22		
	-127 Mar 06 j 22:01	0°♈		
evening max el	-127 Mar 15 j 03:27	10°♈55'52	19°38'56	
retrograde	-127 Mar 24 j 18:55	15°♈33'37		
evening set	-127 Mar 26 j 22:07	15°♈21'01		
inferior conj	-127 Apr 04 j 13:00	11°♈17'17	1°08'46	
minimum elong	-127 Apr 04 j 15:49	11°♈12'49	1°07'49	
min. Earth dist.	-127 Apr 07 j 00:06	9°♈44'13	0.55873 AU	
desc. node	-127 Apr 08 j 15:27	8°♈45'46		
morning rise	-127 Apr 13 j 06:59	6°♈38'57		
direct	-127 Apr 17 j 15:14	5°♈56'45		
morning max el	-127 May 01 j 15:30	12°♈58'53	24°33'55	
	-127 May 14 j 18:53	0°♉		
asc. node	-127 May 26 j 21:11	22°♉43'16		
morning set	-127 May 27 j 01:51	23°♉07'49		
	-127 May 30 j 06:57	0°♊		
superior conj	-127 Jun 03 j 02:07	8°♊15'05	1°09'32	
minimum elong	-127 Jun 02 j 23:41	8°♊01'55	1°09'08	
max. Earth dist.	-127 Jun 04 j 16:01	11°♊40'01	1.33059 AU	
evening rise	-127 Jun 10 j 08:51	23°♊38'47		
	-127 Jun 13 j 13:28	0°♋		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-127 Jul 01 j 12:01	0°♌		
desc. node	-127 Jul 05 j 14:44	5°♌28'05		
evening max el	-127 Jul 13 j 06:20	13°♌59'11	27°24'42	
retrograde	-127 Jul 26 j 23:51	21°♌18'28		
evening set	-127 Aug 03 j 04:54	18°♌43'19		
min. Earth dist.	-127 Aug 06 j 18:56	15°♌41'36	0.63056 AU	
inferior conj	-127 Aug 09 j 13:32	12°♌57'55	-3°49'37	
minimum elong	-127 Aug 09 j 18:17	12°♌46'13	3°48'27	
morning rise	-127 Aug 16 j 08:52	7°♌46'30		
direct	-127 Aug 18 j 21:36	7°♌16'28		
asc. node	-127 Aug 22 j 20:21	8°♌30'53		
morning max el	-127 Aug 25 j 12:57	10°♌41'43	17°53'13	
	-127 Sep 07 j 10:46	0°♍		
morning set	-127 Sep 10 j 23:04	6°♍11'02		
superior conj	-127 Sep 22 j 16:25	26°♍25'19	0°56'57	
minimum elong	-127 Sep 22 j 21:18	26°♍45'47	0°56'20	
	-127 Sep 24 j 20:03	0°♎		
max. Earth dist.	-127 Oct 29 j 07:00	7°♎16'17	1.43607 AU	
desc. node	-127 Oct 01 j 14:01	10°♎56'47		
evening rise	-127 Oct 08 j 01:35	21°♎07'31		
	-127 Oct 13 j 20:39	0°♏		
	-127 Nov 04 j 03:56	0°♐		
evening max el	-127 Nov 06 j 19:09	2°♐54'37	21°05'14	
retrograde	-127 Nov 15 j 07:36	7°♐58'03		
asc. node	-127 Nov 18 j 19:35	6°♐48'55		
evening set	-127 Nov 19 j 08:27	6°♐25'48		
inferior conj	-127 Nov 24 j 17:27	0°♐13'18	1°55'48	
minimum elong	-127 Nov 24 j 15:06	0°♐21'20	1°54'57	
	-127 Nov 24 j 21:19	30°℞♏		
min. Earth dist.	-127 Nov 25 j 03:04	29°♏40'15	0.67378 AU	
morning rise	-127 Nov 29 j 21:35	23°♏59'43		
direct	-127 Dec 05 j 04:00	21°♏42'23		
morning max el	-127 Dec 15 j 20:55	28°♏05'25	23°46'55	
	-127 Dec 17 j 16:29	0°♐		
desc. node	-127 Dec 28 j 13:15	13°♐39'59		
	-126 Jan 08 j 16:53	0°♑		
morning set	-126 Jan 20 j 07:50	18°♑51'14		
max. Earth dist.	-126 Jan 24 j 06:10	25°♑40'56	1.38665 AU	
	-126 Jan 26 j 16:06	0°♒		
superior conj	-126 Jan 31 j 14:34	9°♒07'20	-1°50'47	
minimum elong	-126 Jan 31 j 17:58	9°♒23'24	1°50'32	
evening rise	-126 Feb 09 j 15:55	26°♒38'41		
	-126 Feb 11 j 09:21	0°♓		
asc. node	-126 Feb 14 j 18:55	6°♓26'38		
evening max el	-126 Feb 26 j 02:10	23°♓08'26	18°48'35	
retrograde	-126 Mar 06 j 06:17	27°♓05'56		
evening set	-126 Mar 08 j 13:57	26°♓48'03		
inferior conj	-126 Mar 16 j 09:52	22°♓28'08	2°35'57	
minimum elong	-126 Mar 16 j 14:15	22°♓20'07	2°34'50	
min. Earth dist.	-126 Mar 19 j 16:48	20°♓04'31	0.57447 AU	
morning rise	-126 Mar 24 j 11:32	17°♓17'07		
desc. node	-126 Mar 26 j 12:28	16°♓33'02		
direct	-126 Mar 29 j 23:05	16°♓03'52		
morning max el	-126 Apr 13 j 07:02	23°♓33'35	26°05'08	
	-126 Apr 19 j 02:20	0°♈		
	-126 May 07 j 14:25	0°♉		
morning set	-126 May 11 j 13:15	8°♉04'33		
asc. node	-126 May 13 j 18:12	12°♉46'20		
superior conj	-126 May 18 j 13:17	23°♉13'51	0°48'47	
minimum elong	-126 May 18 j 11:20	23°♉03'09	0°48'24	
max. Earth dist.	-126 May 19 j 02:34	24°♉26'38	1.32513 AU	
	-126 May 21 j 15:45	0°♊		
evening rise	-126 May 25 j 13:37	8°♊18'41		
	-126 Jun 05 j 23:36	0°♋		

desc. node	-126 Jun 22 j 11:46	23°♋18'34		
evening max el	-126 Jun 25 j 11:45	26°♋22'30	27°01'11	
	-126 Jun 29 j 19:44	0°♌		
retrograde	-126 Jul 09 j 10:14	3°♌39'33		
evening set	-126 Jul 16 j 09:42	1°♌28'43		
	-126 Jul 18 j 13:09	30°℞♋		
min. Earth dist.	-126 Jul 20 j 01:49	28°♋46'49	0.61130 AU	
inferior conj	-126 Jul 23 j 06:45	26°♋00'08	-4°26'39	
minimum elong	-126 Jul 23 j 10:29	25°♋52'00	4°26'07	
morning rise	-126 Jul 30 j 12:59	21°♋09'35		
direct	-126 Aug 02 j 00:19	20°♋44'52		
morning max el	-126 Aug 09 j 02:32	24°♋15'42	18°01'29	
asc. node	-126 Aug 09 j 17:24	24°♋53'08		
	-126 Aug 13 j 18:51	0°♌		
morning set	-126 Aug 25 j 00:22	19°♌22'01		
	-126 Aug 30 j 19:16	0°♍		
superior conj	-126 Sep 04 j 03:50	7°♍47'53	1°25'37	
minimum elong	-126 Sep 04 j 08:13	8°♍07'11	1°25'12	
max. Earth dist.	-126 Sep 11 j 17:23	20°♍45'08	1.42011 AU	
	-126 Sep 17 j 09:34	0°♎		
evening rise	-126 Sep 17 j 17:13	0°♎30'29		
desc. node	-126 Sep 18 j 11:04	1°♎41'26		
	-126 Oct 07 j 10:06	0°♏		
evening max el	-126 Oct 20 j 13:24	16°♏23'35	22°20'55	
retrograde	-126 Oct 30 j 03:17	22°♏05'21		
evening set	-126 Nov 03 j 16:05	20°♏15'56		
asc. node	-126 Nov 05 j 16:36	18°♏16'21		
inferior conj	-126 Nov 09 j 00:21	13°♏56'56	1°07'33	
minimum elong	-126 Nov 08 j 22:50	14°♏02'08	1°06'56	
min. Earth dist.	-126 Nov 08 j 23:08	14°♏01'06	0.67651 AU	
morning rise	-126 Nov 14 j 05:27	7°♏44'54		
direct	-126 Nov 18 j 20:52	5°♏49'50		
morning max el	-126 Nov 28 j 08:06	11°♏26'01	22°19'31	
	-126 Dec 12 j 23:23	0°♐		
desc. node	-126 Dec 15 j 10:17	3°♐31'46		
morning set	-126 Dec 31 j 17:05	28°♐34'00		
	-125 Jan 01 j 14:13	0°♑		
max. Earth dist.	-125 Jan 06 j 02:36	7°♑29'38	1.40786 AU	
superior conj	-125 Jan 13 j 21:55	21°♑03'32	-2°01'00	
minimum elong	-125 Jan 13 j 23:05	21°♑08'47	2°00'58	
	-125 Jan 18 j 19:48	0°♒		
evening rise	-125 Jan 24 j 02:07	9°♒49'36		
asc. node	-125 Feb 01 j 15:56	25°♒20'47		
	-125 Feb 04 j 14:58	0°♓		
evening max el	-125 Feb 09 j 08:33	5°♓50'43	18°18'18	
retrograde	-125 Feb 16 j 12:19	9°♓24'11		
evening set	-125 Feb 19 j 01:12	8°♓58'25		
inferior conj	-125 Feb 26 j 03:45	4°♓17'53	3°27'48	
minimum elong	-125 Feb 26 j 06:45	4°♓11'28	3°27'21	
min. Earth dist.	-125 Mar 01 j 13:41	1°♓24'07	0.59453 AU	
	-125 Mar 03 j 09:41	30°℞♒		
morning rise	-125 Mar 05 j 10:00	28°♒42'12		
direct	-125 Mar 11 j 19:56	26°♒50'56		
desc. node	-125 Mar 13 j 09:29	26°♒57'23		
	-125 Mar 20 j 15:24	0°♓		
morning max el	-125 Mar 26 j 03:13	4°♓34'50	27°12'04	
	-125 Apr 13 j 20:24	0°♈		
morning set	-125 Apr 25 j 22:28	22°♈53'27		
	-125 Apr 29 j 06:48	0°♉		
asc. node	-125 Apr 30 j 15:15	2°♉55'54		
max. Earth dist.	-125 May 02 j 15:22	7°♉19'10	1.32332 AU	
superior conj	-125 May 03 j 01:03	8°♉12'22	0°25'16	
minimum elong	-125 May 02 j 23:57	8°♉06'17	0°25'02	
evening rise	-125 May 09 j 22:44	23°♉10'12		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-125 May 13 j 06:22	0°♊	
	-125 May 31 j 08:01	0°♋	
evening max el	-125 Jun 07 j 10:55	8°♋02'17	26°05'24
desc. node	-125 Jun 09 j 08:48	9°♋45'48	
retrograde	-125 Jun 21 j 11:59	15°♋15'09	
evening set	-125 Jun 27 j 17:36	13°♋40'21	
min. Earth dist.	-125 Jul 01 j 23:42	11°♋01'38	0.59075 AU
inferior conj	-125 Jul 05 j 07:31	8°♋31'27	-4°44'16
minimum elong	-125 Jul 05 j 08:11	8°♋30'10	4°44'16
morning rise	-125 Jul 13 j 01:03	4°♋03'08	
direct	-125 Jul 15 j 13:07	3°♋41'51	
morning max el	-125 Jul 23 j 10:55	7°♋28'36	18°29'34
asc. node	-125 Jul 27 j 14:27	12°♋19'45	
	-125 Aug 06 j 22:40	0°♌	
morning set	-125 Aug 08 j 14:35	3°♌11'15	
superior conj	-125 Aug 17 j 14:20	20°♌19'16	1°41'42
minimum elong	-125 Aug 17 j 16:41	20°♌30'11	1°41'34
	-125 Aug 22 j 22:19	0°♍	
max. Earth dist.	-125 Aug 24 j 22:51	3°♍32'51	1.40084 AU
evening rise	-125 Aug 29 j 06:49	10°♍55'34	
desc. node	-125 Sep 05 j 08:07	22°♍20'17	
	-125 Sep 10 j 07:53	0°♎	
evening max el	-125 Oct 03 j 03:26	29°♎55'41	23°40'59
	-125 Oct 03 j 05:10	0°♏	
retrograde	-125 Oct 13 j 19:52	6°♏13'39	
evening set	-125 Oct 18 j 22:21	4°♏06'11	
	-125 Oct 22 j 15:05	30°℞♎	
asc. node	-125 Oct 23 j 13:38	28°♎44'34	
inferior conj	-125 Oct 24 j 07:18	27°♎44'26	0°15'13
minimum elong	-125 Oct 24 j 06:56	27°♎45'41	0°15'03
transit middle	-125 Oct 24 j 06:56	27°♎45'41	0°15'03
transit begin	-125 Oct 24 j 05:53	27°♎49'14	
transit end	-125 Oct 24 j 07:58	27°♎42'08	
min. Earth dist.	-125 Oct 23 j 19:42	28°♎23'58	0.67602 AU
morning rise	-125 Oct 29 j 15:26	21°♎36'36	
direct	-125 Nov 02 j 16:58	20°♎03'39	
morning max el	-125 Nov 11 j 01:21	24°♎55'40	20°58'49
	-125 Nov 15 j 12:15	0°♏	
desc. node	-125 Dec 02 j 07:21	23°♏44'29	
	-125 Dec 06 j 10:11	0°♐	
morning set	-125 Dec 10 j 23:33	7°♐03'13	
max. Earth dist.	-125 Dec 19 j 06:31	20°♐16'31	1.42698 AU
	-125 Dec 25 j 03:27	0°♑	
superior conj	-125 Dec 26 j 06:13	1°♑53'08	-1°58'21
minimum elong	-125 Dec 26 j 03:06	1°♑39'53	1°58'14
evening rise	-124 Jan 06 j 22:08	22°♑17'50	
	-124 Jan 11 j 05:43	0°♒	
asc. node	-124 Jan 19 j 12:58	13°♒39'21	
evening max el	-124 Jan 23 j 19:29	18°♒53'52	18°07'42
retrograde	-124 Jan 30 j 10:19	22°♒18'53	
evening set	-124 Feb 02 j 03:45	21°♒44'00	
inferior conj	-124 Feb 08 j 16:21	16°♒42'04	3°49'05
minimum elong	-124 Feb 08 j 17:04	16°♒40'17	3°49'03
min. Earth dist.	-124 Feb 11 j 17:32	13°♒43'11	0.61550 AU
morning rise	-124 Feb 15 j 05:03	10°♒50'20	
direct	-124 Feb 22 j 02:58	8°♒25'35	
desc. node	-124 Feb 28 j 06:32	10°♒06'47	
morning max el	-124 Mar 07 j 05:43	16°♒15'58	27°44'47
	-124 Mar 18 j 13:06	0°♓	
	-124 Apr 05 j 09:57	0°♈	
morning set	-124 Apr 09 j 03:29	7°♈26'50	
max. Earth dist.	-124 Apr 15 j 02:29	20°♈03'02	1.32521 AU
superior conj	-124 Apr 16 j 11:41	23°♈03'33	-0°00'16
minimum elong	-124 Apr 16 j 11:42	23°♈03'38	0°00'15
behind sun begin	-124 Apr 16 j 06:37	22°♈35'55	
behind sun end	-124 Apr 16 j 16:47	23°♈31'21	
asc. node	-124 Apr 16 j 12:17	23°♈06'53	
	-124 Apr 19 j 15:58	0°♉	
evening rise	-124 Apr 23 j 10:04	8°♉04'50	
	-124 May 04 j 20:52	0°♊	
evening max el	-124 May 19 j 03:41	18°♊59'35	24°43'50
desc. node	-124 May 26 j 05:49	24°♊16'04	
retrograde	-124 Jun 02 j 02:39	26°♊03'41	
evening set	-124 Jun 07 j 02:23	25°♊07'19	
min. Earth dist.	-124 Jun 12 j 15:07	22°♊14'58	0.57148 AU
inferior conj	-124 Jun 15 j 12:39	20°♊21'31	-4°30'37
minimum elong	-124 Jun 15 j 08:41	20°♊28'03	4°30'09
morning rise	-124 Jun 23 j 17:46	16°♊14'03	
direct	-124 Jun 26 j 07:56	15°♊55'08	
morning max el	-124 Jul 05 j 11:07	20°♊10'15	19°18'34
asc. node	-124 Jul 13 j 11:31	0°♋35'58	
	-124 Jul 13 j 02:37	0°♋	
morning set	-124 Jul 22 j 13:51	17°♋27'51	
	-124 Jul 28 j 20:42	0°♌	
superior conj	-124 Jul 30 j 18:10	3°♌43'03	1°47'10
minimum elong	-124 Jul 30 j 18:25	3°♌44'18	1°47'10
max. Earth dist.	-124 Aug 06 j 02:08	15°♌42'05	1.38073 AU
evening rise	-124 Aug 09 j 21:09	22°♌30'39	
	-124 Aug 14 j 05:49	0°♍	
desc. node	-124 Aug 22 j 05:10	12°♍48'34	
	-124 Sep 03 j 04:19	0°♎	
evening max el	-124 Sep 14 j 15:16	13°♎31'02	24°58'53
retrograde	-124 Sep 26 j 08:24	20°♎18'55	
evening set	-124 Oct 02 j 01:33	17°♎54'10	
min. Earth dist.	-124 Oct 06 j 14:20	12°♎46'39	0.67226 AU
inferior conj	-124 Oct 07 j 12:33	11°♎33'33	-0°39'47
minimum elong	-124 Oct 07 j 13:32	11°♎30'17	0°39'22
asc. node	-124 Oct 09 j 10:42	9°♎05'44	
morning rise	-124 Oct 13 j 01:37	5°♎32'37	
direct	-124 Oct 16 j 14:57	4°♎19'39	
morning max el	-124 Oct 24 j 02:22	8°♎36'07	19°50'00
	-124 Nov 08 j 21:27	0°♏	
desc. node	-124 Nov 18 j 04:25	14°♏12'08	
morning set	-124 Nov 18 j 20:18	15°♏13'32	
	-124 Nov 28 j 07:21	0°♐	
max. Earth dist.	-124 Nov 30 j 18:15	3°♐53'32	1.44129 AU
superior conj	-124 Dec 05 j 11:46	11°♐29'00	-1°38'34
minimum elong	-124 Dec 05 j 04:13	10°♐58'28	1°37'57
	-124 Dec 16 j 16:07	0°♑	
evening rise	-124 Dec 18 j 23:42	3°♑55'47	
	-123 Jan 04 j 09:22	0°♒	
asc. node	-123 Jan 05 j 10:01	1°♒12'03	
evening max el	-123 Jan 06 j 08:02	2°♒10'38	18°16'14
retrograde	-123 Jan 12 j 19:48	5°♒40'22	
evening set	-123 Jan 15 j 17:40	4°♒55'35	
	-123 Jan 21 j 10:15	30°℞♑	
inferior conj	-123 Jan 21 j 19:49	29°♑33'38	3°47'29
minimum elong	-123 Jan 21 j 18:37	29°♑36'57	3°47'24
min. Earth dist.	-123 Jan 24 j 06:49	26°♑51'01	0.63468 AU
morning rise	-123 Jan 27 j 18:51	23°♑31'47	
direct	-123 Feb 03 j 18:22	20°♑45'56	
desc. node	-123 Feb 14 j 03:34	25°♑30'46	
morning max el	-123 Feb 17 j 13:16	28°♑37'10	27°40'23
	-123 Feb 18 j 21:36	0°♒	
	-123 Mar 12 j 08:23	0°♓	
morning set	-123 Mar 24 j 01:59	21°♓37'14	
	-123 Mar 28 j 04:21	0°♈	
max. Earth dist.	-123 Mar 29 j 07:57	2°♈24'57	1.33107 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-123 Mar 31 j 19:28	7°♈41'53	-0°26'56
minimum elong	-123 Mar 31 j 20:45	7°♈48'49	0°26'40
asc. node	-123 Apr 03 j 09:21	13°♈15'18	
evening rise	-123 Apr 07 j 21:49	22°♈56'13	
	-123 Apr 11 j 08:01	0°♉	
evening max el	-123 Apr 30 j 18:12	29°♉33'45	23°09'20
	-123 May 01 j 05:15	0°♊	
desc. node	-123 May 13 j 02:50	6°♊13'02	
retrograde	-123 May 14 j 05:02	6°♊15'44	
evening set	-123 May 17 j 18:04	5°♊48'11	
min. Earth dist.	-123 May 25 j 03:50	2°♊28'41	0.55684 AU
inferior conj	-123 May 26 j 22:03	1°♊27'03	-3°33'54
minimum elong	-123 May 26 j 14:53	1°♊37'32	3°32'08
	-123 May 29 j 11:10	30°℞♉	
morning rise	-123 Jun 04 j 14:21	27°♉32'36	
direct	-123 Jun 07 j 07:35	27°♉14'52	
	-123 Jun 15 j 07:25	0°♊	
morning max el	-123 Jun 18 j 00:53	2°♊12'36	20°28'29
asc. node	-123 Jun 30 j 08:36	19°♊30'01	
	-123 Jul 05 j 18:52	0°♋	
morning set	-123 Jul 06 j 19:17	2°♋04'07	
superior conj	-123 Jul 14 j 10:25	17°♋45'11	1°44'13
minimum elong	-123 Jul 14 j 09:07	17°♋38'35	1°44'09
max. Earth dist.	-123 Jul 19 j 08:28	27°♋31'25	1.36216 AU
	-123 Jul 20 j 15:22	0°♌	
evening rise	-123 Jul 23 j 09:02	5°♌08'33	
	-123 Aug 07 j 02:26	0°♍	
desc. node	-123 Aug 09 j 02:11	3°♍00'44	
evening max el	-123 Aug 28 j 02:43	27°♍07'20	26°07'01
	-123 Aug 31 j 07:57	0°♎	
retrograde	-123 Sep 09 j 16:17	4°♎15'35	
evening set	-123 Sep 15 j 23:45	1°♎37'00	
	-123 Sep 17 j 16:25	30°℞♍	
min. Earth dist.	-123 Sep 20 j 04:38	27°♍05'59	0.66517 AU
inferior conj	-123 Sep 21 j 14:15	25°♍21'19	-1°35'55
minimum elong	-123 Sep 21 j 16:41	25°♍13'44	1°34'55
asc. node	-123 Sep 26 j 07:47	20°♍15'26	
morning rise	-123 Sep 27 j 09:57	19°♍30'06	
direct	-123 Sep 30 j 13:15	18°♍33'45	
morning max el	-123 Oct 07 j 10:28	22°♍24'43	18°55'45
	-123 Oct 13 j 13:15	0°♎	
morning set	-123 Oct 29 j 07:38	24°♎13'07	
	-123 Nov 01 j 23:47	0°♏	
desc. node	-123 Nov 05 j 01:27	4°♏49'27	
max. Earth dist.	-123 Nov 13 j 10:51	18°♏00'30	1.44909 AU
superior conj	-123 Nov 14 j 18:30	20°♏05'06	-1°00'53
minimum elong	-123 Nov 14 j 11:10	19°♏36'13	1°00'00
	-123 Nov 21 j 00:48	0°♐	
evening rise	-123 Nov 30 j 02:41	14°♐35'20	
	-123 Dec 09 j 15:25	0°♑	
evening max el	-123 Dec 20 j 19:31	15°♑34'21	18°43'08
asc. node	-123 Dec 23 j 07:04	17°♑44'59	
retrograde	-123 Dec 27 j 12:24	19°♑19'40	
evening set	-123 Dec 30 j 15:37	18°♑23'53	
inferior conj	-122 Jan 05 j 10:12	12°♑44'15	3°29'30
minimum elong	-122 Jan 05 j 07:51	12°♑51'25	3°29'06
min. Earth dist.	-122 Jan 07 j 05:55	10°♑31'55	0.65056 AU
morning rise	-122 Jan 10 j 23:41	6°♑36'08	
direct	-122 Jan 17 j 16:52	3°♑43'51	
morning max el	-122 Jan 30 j 22:58	11°♑27'15	27°02'18
desc. node	-122 Feb 01 j 00:37	12°♑32'57	
	-122 Feb 14 j 18:12	0°♒	
	-122 Mar 04 j 20:29	0°♓	
morning set	-122 Mar 07 j 14:52	5°♓14'36	
max. Earth dist.	-122 Mar 12 j 03:47	14°♓13'36	1.34124 AU

superior conj	-122 Mar 15 j 22:21	22°♓00'48	-0°53'40
minimum elong	-122 Mar 16 j 00:55	22°♓14'12	0°53'11
	-122 Mar 19 j 17:12	0°♈	
asc. node	-122 Mar 21 j 06:24	3°♈16'51	
evening rise	-122 Mar 23 j 08:07	7°♈37'52	
	-122 Apr 04 j 09:26	0°♉	
evening max el	-122 Apr 12 j 13:49	10°♉16'12	21°36'44
retrograde	-122 Apr 24 j 20:57	16°♉15'51	
evening set	-122 Apr 27 j 08:22	16°♉02'00	
desc. node	-122 Apr 29 j 23:49	15°♉18'56	
inferior conj	-122 May 06 j 18:09	12°♉00'02	-1°54'23
minimum elong	-122 May 06 j 12:55	12°♉07'22	1°52'37
min. Earth dist.	-122 May 06 j 16:44	12°♉02'02	0.55007 AU
morning rise	-122 May 15 j 18:16	8°♉02'01	
direct	-122 May 18 j 18:58	7°♉41'52	
morning max el	-122 May 31 j 03:40	13°♉32'20	21°56'41
	-122 Jun 12 j 10:20	0°♊	
asc. node	-122 Jun 17 j 05:40	8°♊52'34	
morning set	-122 Jun 21 j 04:43	16°♊53'48	
	-122 Jun 27 j 09:47	0°♋	
superior conj	-122 Jun 28 j 11:19	2°♋14'20	1°34'40
minimum elong	-122 Jun 28 j 09:07	2°♋02'46	1°34'27
max. Earth dist.	-122 Jul 01 j 22:59	9°♋27'22	1.34681 AU
evening rise	-122 Jul 06 j 13:35	18°♋36'40	
	-122 Jul 12 j 17:03	0°♌	
desc. node	-122 Jul 26 j 23:11	22°♌49'38	
	-122 Aug 01 j 05:49	0°♍	
evening max el	-122 Aug 10 j 14:35	10°♍39'04	26°57'40
retrograde	-122 Aug 23 j 19:00	17°♍57'12	
evening set	-122 Aug 30 j 14:39	15°♍11'41	
min. Earth dist.	-122 Sep 03 j 12:23	11°♍17'43	0.65453 AU
inferior conj	-122 Sep 05 j 10:23	9°♍04'51	-2°31'10
minimum elong	-122 Sep 05 j 14:09	8°♍53'58	2°29'48
morning rise	-122 Sep 11 j 14:15	3°♍26'20	
asc. node	-122 Sep 13 j 04:50	2°♍50'54	
direct	-122 Sep 14 j 09:54	2°♍42'49	
morning max el	-122 Sep 20 j 23:36	6°♍17'28	18°17'45
	-122 Oct 07 j 03:17	0°♎	
morning set	-122 Oct 09 j 22:51	4°♎36'41	
desc. node	-122 Oct 22 j 22:29	25°♎33'17	
superior conj	-122 Oct 24 j 19:45	28°♎32'31	-0°12'23
minimum elong	-122 Oct 24 j 18:08	28°♎26'08	0°12'10
behind sun begin	-122 Oct 24 j 10:41	27°♎56'39	
behind sun end	-122 Oct 25 j 01:36	28°♎55'36	
	-122 Oct 25 j 17:54	0°♏	
max. Earth dist.	-122 Oct 27 j 05:20	2°♏19'37	1.44965 AU
evening rise	-122 Nov 10 j 06:01	24°♏17'15	
	-122 Nov 13 j 21:48	0°♐	
greatest brilliancy	-122 Nov 21 j 16:15	12°♐02'12	-0.7m
evening max el	-122 Dec 04 j 03:46	29°♐01'40	19°27'02
	-122 Dec 05 j 03:29	0°♑	
asc. node	-122 Dec 10 j 04:06	3°♑03'31	
retrograde	-122 Dec 11 j 08:48	3°♑11'31	
evening set	-122 Dec 14 j 18:55	2°♑03'06	
	-122 Dec 17 j 03:36	30°℞♐	
inferior conj	-122 Dec 20 j 08:19	26°♐08'27	2°59'42
minimum elong	-122 Dec 20 j 05:31	26°♐17'31	2°58'59
min. Earth dist.	-122 Dec 21 j 13:36	24°♐33'32	0.66261 AU
morning rise	-122 Dec 25 j 15:52	19°♐56'41	
direct	-122 Dec 31 j 21:33	17°♐11'09	
morning max el	-121 Jan 13 j 08:16	24°♐33'25	25°57'59
	-121 Jan 18 j 06:37	0°♑	
desc. node	-121 Jan 18 j 21:40	0°♑45'06	
	-121 Feb 08 j 04:38	0°♒	
morning set	-121 Feb 18 j 13:56	18°♒06'22	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-121 Feb 22 j 11:35	25°♒28'33	1.35596 AU
	-121 Feb 24 j 19:14	0°♓	
superior conj	-121 Feb 27 j 17:53	5°♓53'09	-1°18'59
minimum elong	-121 Feb 27 j 21:26	6°♓11'07	1°18'27
evening rise	-121 Mar 07 j 14:59	22°♓03'37	
asc. node	-121 Mar 08 j 03:26	23°♓07'07	
	-121 Mar 11 j 14:12	0°♈	
evening max el	-121 Mar 25 j 19:46	21°♈30'21	20°16'50
retrograde	-121 Apr 05 j 10:44	26°♈36'24	
evening set	-121 Apr 07 j 13:31	26°♈25'08	
inferior conj	-121 Apr 16 j 14:10	22°♈27'03	0°04'46
minimum elong	-121 Apr 16 j 14:23	22°♈26'44	0°04'42
transit middle	-121 Apr 16 j 14:23	22°♈26'44	0°04'42
transit begin	-121 Apr 16 j 10:32	22°♈32'25	
transit end	-121 Apr 16 j 18:14	22°♈21'02	
desc. node	-121 Apr 16 j 20:51	22°♈17'10	
min. Earth dist.	-121 Apr 18 j 06:31	21°♈27'35	0.55293 AU
morning rise	-121 Apr 25 j 13:34	18°♈06'57	
direct	-121 Apr 29 j 07:49	17°♈36'06	
morning max el	-121 May 12 j 21:38	24°♈16'05	23°36'12
	-121 May 18 j 02:55	0°♉	
asc. node	-121 Jun 04 j 02:42	28°♉35'33	
	-121 Jun 04 j 19:02	0°♊	
morning set	-121 Jun 05 j 16:12	1°♊50'35	
superior conj	-121 Jun 12 j 17:54	17°♊00'33	1°19'56
minimum elong	-121 Jun 12 j 15:24	16°♊47'07	1°19'35
max. Earth dist.	-121 Jun 14 j 23:07	21°♊44'43	1.33538 AU
	-121 Jun 18 j 22:20	0°♋	
evening rise	-121 Jun 20 j 06:15	2°♋41'08	
	-121 Jul 05 j 13:00	0°♌	
desc. node	-121 Jul 13 j 20:12	12°♌04'32	
evening max el	-121 Jul 24 j 01:54	23°♌54'42	27°23'34
	-121 Aug 01 j 11:14	0°♍	
retrograde	-121 Aug 06 j 15:50	1°♍14'25	
	-121 Aug 11 j 12:21	30°℞♌	
evening set	-121 Aug 13 j 19:20	28°♌32'11	
min. Earth dist.	-121 Aug 17 j 11:22	25°♌13'01	0.64028 AU
inferior conj	-121 Aug 19 j 22:27	22°♌38'02	-3°22'56
minimum elong	-121 Aug 20 j 03:06	22°♌25'49	3°21'34
morning rise	-121 Aug 26 j 11:48	17°♌15'30	
direct	-121 Aug 29 j 02:22	16°♌41'20	
asc. node	-121 Aug 31 j 01:53	17°♌01'17	
morning max el	-121 Sep 04 j 15:06	20°♌07'45	17°56'59
	-121 Sep 12 j 00:08	0°♍	
morning set	-121 Sep 21 j 17:12	16°♍18'54	
	-121 Sep 29 j 18:58	0°♎	
superior conj	-121 Oct 04 j 12:51	7°♎49'27	0°34'30
minimum elong	-121 Oct 04 j 16:31	8°♎04'24	0°34'00
desc. node	-121 Oct 09 j 19:31	16°♎19'53	
max. Earth dist.	-121 Oct 09 j 22:58	16°♎33'38	1.44296 AU
	-121 Oct 18 j 12:27	0°♏	
evening rise	-121 Oct 20 j 16:04	3°♏19'19	
	-121 Nov 07 j 11:20	0°♐	
evening max el	-121 Nov 17 j 07:04	12°♐30'15	20°25'51
retrograde	-121 Nov 25 j 06:24	17°♐12'05	
asc. node	-121 Nov 27 j 01:06	16°♐54'03	
evening set	-121 Nov 29 j 01:21	15°♐49'01	
inferior conj	-121 Dec 04 j 11:29	9°♐42'16	2°21'09
minimum elong	-121 Dec 04 j 08:50	9°♐51'13	2°20'16
min. Earth dist.	-121 Dec 05 j 03:52	8°♐46'50	0.67080 AU
morning rise	-121 Dec 09 j 16:08	3°♐28'57	
direct	-121 Dec 15 j 07:27	0°♐59'39	
morning max el	-121 Dec 26 j 16:36	7°♐46'42	24°37'02
desc. node	-120 Jan 05 j 18:43	19°♐46'47	
	-120 Jan 13 j 02:19	0°♑	
morning set	-120 Jan 31 j 17:43	29°♑56'55	
	-120 Jan 31 j 18:25	0°♒	
max. Earth dist.	-120 Feb 04 j 09:44	6°♒31'13	1.37473 AU
superior conj	-120 Feb 11 j 02:53	19°♒10'03	-1°40'51
minimum elong	-120 Feb 11 j 06:42	19°♒28'35	1°40'27
	-120 Feb 16 j 14:37	0°♓	
evening rise	-120 Feb 19 j 16:09	6°♓06'57	
asc. node	-120 Feb 23 j 00:27	12°♓41'05	
	-120 Mar 04 j 11:59	0°♈	
evening max el	-120 Mar 07 j 12:55	3°♈23'08	19°15'03
retrograde	-120 Mar 16 j 11:49	7°♈41'29	
evening set	-120 Mar 18 j 16:51	7°♈26'55	
inferior conj	-120 Mar 26 j 23:42	3°♈17'12	1°50'01
minimum elong	-120 Mar 27 j 03:39	3°♈10'34	1°48'49
min. Earth dist.	-120 Mar 29 j 21:30	1°♈20'54	0.56471 AU
	-120 Apr 01 j 02:41	30°℞♓	
desc. node	-120 Apr 02 j 17:52	29°♓08'53	
morning rise	-120 Apr 04 j 11:36	28°♓24'52	
direct	-120 Apr 09 j 07:45	27°♓30'51	
	-120 Apr 17 j 10:19	0°♈	
morning max el	-120 Apr 23 j 12:13	4°♈45'59	25°14'50
	-120 May 11 j 14:26	0°♉	
morning set	-120 May 20 j 04:07	16°♉49'18	
asc. node	-120 May 20 j 23:45	18°♉33'09	
	-120 May 26 j 06:35	0°♊	
superior conj	-120 May 27 j 03:57	1°♊56'44	1°01'07
minimum elong	-120 May 27 j 01:41	1°♊44'19	1°00'43
max. Earth dist.	-120 May 28 j 07:02	4°♊24'13	1.32785 AU
evening rise	-120 Jun 03 j 07:29	17°♊11'07	
	-120 Jun 09 j 20:25	0°♋	
	-120 Jun 29 j 06:50	0°♌	
desc. node	-120 Jun 29 j 17:12	0°♌31'12	
evening max el	-120 Jul 05 j 10:21	6°♌40'54	27°18'50
retrograde	-120 Jul 19 j 05:59	13°♌58'26	
evening set	-120 Jul 26 j 10:04	11°♌32'12	
min. Earth dist.	-120 Jul 30 j 00:05	8°♌40'34	0.62268 AU
inferior conj	-120 Aug 01 j 23:32	5°♌53'54	-4°07'05
minimum elong	-120 Aug 02 j 04:04	5°♌43'16	4°06'10
morning rise	-120 Aug 08 j 23:23	0°♌50'48	
direct	-120 Aug 11 j 11:21	0°♌23'08	
asc. node	-120 Aug 16 j 22:56	2°♌39'20	
morning max el	-120 Aug 18 j 06:11	3°♌49'29	17°54'23
morning set	-120 Sep 03 j 08:52	29°♌02'10	
	-120 Sep 03 j 21:43	0°♍	
superior conj	-120 Sep 14 j 08:44	18°♍25'54	1°10'44
minimum elong	-120 Sep 14 j 13:44	18°♍47'14	1°10'10
	-120 Sep 21 j 06:51	0°♎	
max. Earth dist.	-120 Sep 21 j 13:07	0°♎25'35	1.42988 AU
desc. node	-120 Sep 25 j 16:32	7°♎06'07	
evening rise	-120 Sep 29 j 00:27	12°♎21'16	
	-120 Oct 10 j 15:11	0°♏	
evening max el	-120 Oct 30 j 04:34	25°♏58'59	21°36'32
	-120 Nov 04 j 00:48	0°♐	
retrograde	-120 Nov 08 j 03:15	1°♐18'05	
	-120 Nov 11 j 21:33	30°℞♏	
evening set	-120 Nov 12 j 09:04	29°♏38'31	
asc. node	-120 Nov 12 j 22:09	29°♏11'00	
inferior conj	-120 Nov 17 j 17:34	23°♏22'52	1°35'57
minimum elong	-120 Nov 17 j 15:32	23°♏29'53	1°35'09
min. Earth dist.	-120 Nov 17 j 22:25	23°♏06'06	0.67539 AU
morning rise	-120 Nov 22 j 21:52	17°♏09'57	
direct	-120 Nov 27 j 21:53	15°♏02'03	
morning max el	-120 Dec 08 j 01:54	21°♏04'38	23°09'24

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-120 Dec 15 j 17:31	0°♐	
desc. node	-120 Dec 22 j 15:45	9°♐23'23	
	-119 Jan 05 j 09:06	0°♑	
morning set	-119 Jan 11 j 19:51	10°♑29'11	
max. Earth dist.	-119 Jan 16 j 05:09	17°♑56'45	1.39581 AU
	-119 Jan 22 j 23:26	0°♒	
superior conj	-119 Jan 23 j 21:03	1°♒39'25	-1°56'24
minimum elong	-119 Jan 23 j 23:46	1°♒51'57	1°56'15
evening rise	-119 Feb 02 j 08:49	19°♒39'40	
	-119 Feb 07 j 20:33	0°♓	
asc. node	-119 Feb 08 j 21:29	1°♓52'03	
evening max el	-119 Feb 18 j 15:14	15°♓49'20	18°33'09
retrograde	-119 Feb 26 j 07:31	19°♓34'49	
evening set	-119 Feb 28 j 17:29	19°♓13'45	
inferior conj	-119 Mar 08 j 05:36	14°♓44'55	3°02'10
minimum elong	-119 Mar 08 j 09:37	14°♓37'00	3°01'18
min. Earth dist.	-119 Mar 11 j 15:25	12°♓05'49	0.58272 AU
morning rise	-119 Mar 15 j 23:03	9°♓22'18	
desc. node	-119 Mar 20 j 14:54	7°♓57'28	
direct	-119 Mar 21 j 21:01	7°♓53'26	
morning max el	-119 Apr 05 j 05:26	15°♓29'46	26°37'23
	-119 Apr 16 j 23:06	0°♈	
	-119 May 03 j 18:57	0°♉	
morning set	-119 May 04 j 14:49	1°♉43'30	
asc. node	-119 May 07 j 20:47	8°♉39'31	
superior conj	-119 May 11 j 15:35	16°♉55'51	0°39'05
minimum elong	-119 May 11 j 13:57	16°♉46'52	0°38'46
max. Earth dist.	-119 May 11 j 19:10	17°♉15'35	1.32396 AU
	-119 May 17 j 16:13	0°♊	
evening rise	-119 May 18 j 14:23	1°♊56'40	
	-119 Jun 02 j 20:15	0°♋	
desc. node	-119 Jun 16 j 14:13	17°♋49'26	
evening max el	-119 Jun 17 j 13:10	18°♋45'28	26°41'04
retrograde	-119 Jul 01 j 12:41	26°♋00'47	
evening set	-119 Jul 08 j 06:26	24°♋03'56	
min. Earth dist.	-119 Jul 12 j 02:36	21°♋25'56	0.60261 AU
inferior conj	-119 Jul 15 j 10:08	18°♋43'42	-4°37'09
minimum elong	-119 Jul 15 j 12:50	18°♋38'09	4°36'54
morning rise	-119 Jul 22 j 21:10	14°♋02'47	
direct	-119 Jul 25 j 08:43	13°♋39'37	
morning max el	-119 Aug 01 j 17:55	17°♋15'25	18°11'02
asc. node	-119 Aug 03 j 20:00	19°♋30'41	
	-119 Aug 10 j 20:04	0°♌	
morning set	-119 Aug 17 j 16:10	12°♌30'43	
superior conj	-119 Aug 27 j 06:40	0°♍19'54	1°33'53
minimum elong	-119 Aug 27 j 10:16	0°♍36'05	1°33'36
	-119 Aug 27 j 02:16	0°♍	
max. Earth dist.	-119 Sep 03 j 21:32	13°♍38'34	1.41211 AU
evening rise	-119 Sep 09 j 00:22	22°♍07'32	
desc. node	-119 Sep 12 j 13:35	27°♍48'47	
	-119 Sep 13 j 22:58	0°♎	
	-119 Oct 04 j 18:06	0°♏	
evening max el	-119 Oct 12 j 20:41	9°♏28'54	22°54'47
retrograde	-119 Oct 22 j 21:51	15°♏26'55	
evening set	-119 Oct 27 j 16:21	13°♏29'35	
asc. node	-119 Oct 30 j 19:11	10°♏08'42	
inferior conj	-119 Nov 02 j 00:42	7°♏08'46	0°45'48
minimum elong	-119 Nov 01 j 23:39	7°♏12'24	0°45'21
min. Earth dist.	-119 Nov 01 j 18:58	7°♏28'32	0.67664 AU
morning rise	-119 Nov 07 j 06:52	0°♏58'21	
	-119 Nov 08 j 17:23	30°℞♎	
direct	-119 Nov 11 j 16:06	29°♎13'05	
	-119 Nov 14 j 19:53	0°♏	
morning max el	-119 Nov 20 j 15:32	4°♏29'53	21°44'09
desc. node	-119 Dec 09 j 12:49	29°♏25'20	
	-119 Dec 09 j 22:11	0°♐	
morning set	-119 Dec 22 j 16:53	19°♐38'21	
max. Earth dist.	-119 Dec 29 j 04:41	0°♑11'21	1.41642 AU
	-119 Dec 29 j 01:56	0°♑	
superior conj	-118 Jan 05 j 19:18	13°♑09'08	-2°01'43
minimum elong	-118 Jan 05 j 18:52	13°♑07'16	2°01'43
	-118 Jan 15 j 04:00	0°♒	
evening rise	-118 Jan 16 j 13:35	2°♒34'23	
asc. node	-118 Jan 26 j 18:31	20°♒32'44	
evening max el	-118 Feb 01 j 23:53	28°♒41'38	18°11'17
	-118 Feb 03 j 11:13	0°♓	
retrograde	-118 Feb 08 j 21:02	2°♓10'05	
evening set	-118 Feb 11 j 11:46	1°♓40'43	
	-118 Feb 14 j 13:11	30°℞♒	
inferior conj	-118 Feb 18 j 07:57	26°♒50'56	3°40'05
minimum elong	-118 Feb 18 j 09:59	26°♒46'17	3°39'52
min. Earth dist.	-118 Feb 21 j 15:09	23°♒51'51	0.60355 AU
morning rise	-118 Feb 25 j 06:18	21°♒07'05	
direct	-118 Mar 03 j 22:28	19°♒00'28	
desc. node	-118 Mar 07 j 11:58	19°♒34'22	
morning max el	-118 Mar 18 j 04:36	26°♒48'28	27°30'26
	-118 Mar 21 j 05:23	0°♓	
	-118 Apr 10 j 11:29	0°♈	
morning set	-118 Apr 18 j 22:31	16°♈26'57	
asc. node	-118 Apr 24 j 17:51	28°♈50'12	
	-118 Apr 25 j 06:37	0°♉	
max. Earth dist.	-118 Apr 25 j 07:42	0°♉05'52	1.32367 AU
superior conj	-118 Apr 26 j 03:05	1°♉52'00	0°14'38
minimum elong	-118 Apr 26 j 02:25	1°♉48'22	0°14'29
behind sun begin	-118 Apr 26 j 00:24	1°♉37'15	
behind sun end	-118 Apr 26 j 04:27	1°♉59'30	
evening rise	-118 May 03 j 00:40	16°♉50'07	
	-118 May 09 j 13:52	0°♊	
	-118 May 30 j 07:05	0°♋	
evening max el	-118 May 30 j 09:06	0°♋04'49	25°33'03
desc. node	-118 Jun 03 j 11:14	3°♋31'09	
retrograde	-118 Jun 13 j 10:18	7°♋15'53	
evening set	-118 Jun 19 j 04:26	5°♋57'40	
min. Earth dist.	-118 Jun 23 j 21:13	3°♋15'03	0.58214 AU
inferior conj	-118 Jun 27 j 02:45	0°♋57'53	-4°43'08
minimum elong	-118 Jun 27 j 01:32	1°♋00'02	4°43'05
	-118 Jun 28 j 11:44	30°℞♊	
morning rise	-118 Jul 05 j 01:15	26°♊39'19	
direct	-118 Jul 07 j 13:58	26°♊19'17	
	-118 Jul 15 j 16:08	0°♋	
morning max el	-118 Jul 15 j 23:14	0°♋16'26	18°47'57
asc. node	-118 Jul 21 j 17:05	7°♋20'00	
morning set	-118 Aug 01 j 10:36	26°♋32'14	
	-118 Aug 03 j 05:01	0°♌	
superior conj	-118 Aug 10 j 01:12	13°♌15'26	1°45'11
minimum elong	-118 Aug 10 j 02:37	13°♌22'10	1°45'08
max. Earth dist.	-118 Aug 17 j 00:58	26°♌06'13	1.39211 AU
	-118 Aug 19 j 06:13	0°♍	
evening rise	-118 Aug 21 j 00:32	3°♍02'10	
desc. node	-118 Aug 30 j 10:36	18°♍23'32	
	-118 Sep 07 j 04:08	0°♎	
evening max el	-118 Sep 25 j 09:18	23°♎01'39	24°14'54
retrograde	-118 Oct 06 j 12:58	29°♎34'17	
evening set	-118 Oct 11 j 21:32	27°♎19'15	
min. Earth dist.	-118 Oct 16 j 15:04	21°♎51'23	0.67472 AU
inferior conj	-118 Oct 17 j 07:08	20°♎57'12	-0°07'53
minimum elong	-118 Oct 17 j 07:20	20°♎56'34	0°07'48
transit middle	-118 Oct 17 j 07:20	20°♎56'34	0°07'48

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

transit begin	-118 Oct 17 j 04:56	21°♎04'39	
transit end	-118 Oct 17 j 09:43	20°♎48'29	
asc. node	-118 Oct 17 j 16:16	20°♎26'30	
morning rise	-118 Oct 22 j 17:08	14°♎51'51	
direct	-118 Oct 26 j 13:09	13°♎27'53	
morning max el	-118 Nov 03 j 12:01	18°♎04'08	20°27'54
	-118 Nov 13 j 00:59	0°♏	
desc. node	-118 Nov 26 j 09:52	19°♏44'55	
morning set	-118 Dec 01 j 16:12	27°♏50'29	
	-118 Dec 03 j 01:32	0°♐	
max. Earth dist.	-118 Dec 11 j 11:27	13°♐18'54	1.43372 AU
superior conj	-118 Dec 17 j 16:22	23°♐27'23	-1°52'14
minimum elong	-118 Dec 17 j 11:09	23°♐05'42	1°51'57
	-118 Dec 21 j 14:01	0°♑	
evening rise	-118 Dec 30 j 02:16	14°♑42'05	
	-117 Jan 07 j 22:54	0°♒	
asc. node	-117 Jan 13 j 15:33	8°♒33'36	
evening max el	-117 Jan 16 j 11:51	11°♒51'47	18°09'03
retrograde	-117 Jan 23 j 00:22	15°♒17'18	
evening set	-117 Jan 25 j 19:35	14°♒38'26	
inferior conj	-117 Feb 01 j 03:23	9°♒28'07	3°50'43
minimum elong	-117 Feb 01 j 03:12	9°♒28'34	3°50'43
min. Earth dist.	-117 Feb 03 j 23:04	6°♒33'32	0.62401 AU
morning rise	-117 Feb 07 j 09:45	3°♒31'23	
direct	-117 Feb 14 j 09:36	0°♒55'30	
desc. node	-117 Feb 22 j 09:01	3°♒45'35	
morning max el	-117 Feb 28 j 09:31	8°♒47'48	27°47'14
	-117 Mar 16 j 18:55	0°♓	
	-117 Apr 02 j 14:47	0°♈	
morning set	-117 Apr 03 j 01:09	0°♈52'25	
max. Earth dist.	-117 Apr 08 j 16:46	12°♈41'51	1.32717 AU
superior conj	-117 Apr 10 j 12:47	16°♈39'25	-0°11'30
minimum elong	-117 Apr 10 j 13:20	16°♈42'21	0°11'23
behind sun begin	-117 Apr 10 j 09:42	16°♈22'41	
behind sun end	-117 Apr 10 j 16:57	17°♈02'02	
asc. node	-117 Apr 11 j 14:54	19°♈01'09	
	-117 Apr 16 j 16:42	0°♉	
evening rise	-117 Apr 17 j 12:26	1°♉44'47	
	-117 May 03 j 01:48	0°♊	
evening max el	-117 May 12 j 00:18	10°♊50'19	24°04'21
desc. node	-117 May 21 j 08:15	17°♊01'15	
retrograde	-117 May 25 j 20:15	17°♊47'23	
evening set	-117 May 30 j 04:39	17°♊05'22	
min. Earth dist.	-117 Jun 05 j 11:30	14°♊02'38	0.56443 AU
inferior conj	-117 Jun 07 j 23:19	12°♊29'56	-4°12'18
minimum elong	-117 Jun 07 j 17:33	12°♊38'56	4°11'18
morning rise	-117 Jun 16 j 09:17	8°♊29'11	
direct	-117 Jun 19 j 00:22	8°♊11'04	
morning max el	-117 Jun 28 j 19:18	12°♊43'18	19°45'47
asc. node	-117 Jul 08 j 14:09	25°♊54'15	
	-117 Jul 10 j 21:21	0°♋	
morning set	-117 Jul 16 j 12:49	10°♋58'32	
superior conj	-117 Jul 24 j 10:53	26°♋57'34	1°46'49
minimum elong	-117 Jul 24 j 10:24	26°♋55'10	1°46'48
	-117 Jul 25 j 23:53	0°♌	
max. Earth dist.	-117 Jul 30 j 04:38	8°♌03'24	1.37251 AU
evening rise	-117 Aug 03 j 00:43	15°♌06'22	
	-117 Aug 11 j 17:51	0°♍	
desc. node	-117 Aug 17 j 07:37	8°♍45'53	
	-117 Sep 01 j 19:21	0°♎	
evening max el	-117 Sep 07 j 20:54	6°♎38'24	25°29'37
retrograde	-117 Sep 19 j 23:35	13°♎36'19	
evening set	-117 Sep 25 j 22:49	11°♎05'23	
min. Earth dist.	-117 Sep 30 j 08:16	6°♎12'55	0.66963 AU
inferior conj	-117 Oct 01 j 11:07	4°♎46'20	-1°03'35
minimum elong	-117 Oct 01 j 12:43	4°♎41'10	1°02'54
asc. node	-117 Oct 04 j 13:20	1°♎02'11	
	-117 Oct 05 j 14:27	30°℞♍	
morning rise	-117 Oct 07 j 02:46	28°♍48'52	
direct	-117 Oct 10 j 11:34	27°♍43'18	
	-117 Oct 15 j 16:55	0°♎	
morning max el	-117 Oct 17 j 16:06	1°♎47'55	19°24'56
	-117 Nov 06 j 15:55	0°♏	
morning set	-117 Nov 10 j 16:20	6°♏13'41	
desc. node	-117 Nov 13 j 06:54	10°♏17'00	
max. Earth dist.	-117 Nov 24 j 01:16	27°♏09'41	1.44547 AU
	-117 Nov 25 j 20:15	0°♐	
superior conj	-117 Nov 27 j 10:57	2°♐34'04	-1°24'34
minimum elong	-117 Nov 27 j 02:41	2°♐01'04	1°23'44
evening rise	-117 Dec 11 j 18:30	25°♐55'08	
	-117 Dec 14 j 05:14	0°♑	
evening max el	-117 Dec 31 j 00:18	25°♑12'32	18°25'36
asc. node	-117 Dec 31 j 12:36	25°♑42'52	
retrograde	-116 Jan 06 j 13:11	28°♑47'18	
evening set	-116 Jan 09 j 13:16	27°♑57'55	
inferior conj	-116 Jan 15 j 11:53	22°♑28'21	3°41'31
minimum elong	-116 Jan 15 j 10:06	22°♑33'29	3°41'19
min. Earth dist.	-116 Jan 17 j 16:25	19°♑57'20	0.64192 AU
morning rise	-116 Jan 21 j 06:24	16°♑23'45	
direct	-116 Jan 28 j 04:14	13°♑33'13	
desc. node	-116 Feb 09 j 06:04	19°♑55'19	
morning max el	-116 Feb 10 j 18:02	21°♑21'58	27°27'55
	-116 Feb 18 j 07:00	0°♒	
	-116 Mar 08 j 21:33	0°♓	
morning set	-116 Mar 16 j 19:58	14°♓50'18	
max. Earth dist.	-116 Mar 21 j 18:25	24°♓50'22	1.33485 AU
	-116 Mar 24 j 05:24	0°♈	
superior conj	-116 Mar 24 j 18:46	1°♈10'55	-0°38'19
minimum elong	-116 Mar 24 j 20:36	1°♈20'42	0°37'57
asc. node	-116 Mar 28 j 11:55	9°♈07'32	
evening rise	-116 Mar 31 j 23:48	16°♈33'21	
	-116 Apr 07 j 17:32	0°♉	
evening max el	-116 Apr 22 j 16:21	21°♉25'32	22°28'59
retrograde	-116 May 05 j 17:06	27°♉50'57	
desc. node	-116 May 07 j 05:17	27°♉45'53	
evening set	-116 May 08 j 17:27	27°♉30'59	
min. Earth dist.	-116 May 17 j 00:06	23°♉56'26	0.55291 AU
inferior conj	-116 May 18 j 01:53	23°♉19'53	-2°56'06
minimum elong	-116 May 17 j 18:50	23°♉29'53	2°54'03
morning rise	-116 May 26 j 22:10	19°♉26'04	
direct	-116 May 29 j 17:56	19°♉07'48	
morning max el	-116 Jun 10 j 04:11	24°♉27'18	21°03'56
	-116 Jun 15 j 03:21	0°♊	
asc. node	-116 Jun 24 j 11:12	15°♊01'41	
morning set	-116 Jun 29 j 20:13	25°♊41'36	
	-116 Jul 01 j 22:03	0°♋	
superior conj	-116 Jul 07 j 07:13	11°♋12'24	1°40'52
minimum elong	-116 Jul 07 j 05:27	11°♋03'19	1°40'44
max. Earth dist.	-116 Jul 11 j 14:20	19°♋54'17	1.35526 AU
evening rise	-116 Jul 15 j 20:19	28°♋07'35	
	-116 Jul 16 j 20:19	0°♌	
desc. node	-116 Aug 03 j 04:38	28°♌49'13	
	-116 Aug 04 j 00:02	0°♍	
evening max el	-116 Aug 20 j 08:46	20°♍14'31	26°31'10
retrograde	-116 Sep 02 j 05:07	27°♍27'15	
evening set	-116 Sep 08 j 18:10	24°♍44'58	
min. Earth dist.	-116 Sep 12 j 20:02	20°♍29'41	0.66112 AU
inferior conj	-116 Sep 14 j 10:42	18°♍32'49	-1°59'36

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-116 Sep 14 j 13:44	18°♍23'39	1°58'25
morning rise	-116 Sep 20 j 09:41	12°♍46'31	
asc. node	-116 Sep 20 j 10:24	12°♍45'32	
direct	-116 Sep 23 j 09:32	11°♍55'54	
morning max el	-116 Sep 30 j 02:33	15°♍38'32	18°37'31
	-116 Oct 10 j 16:08	0°♎	
morning set	-116 Oct 20 j 14:57	15°♎48'06	
	-116 Oct 29 j 13:21	0°♏	
desc. node	-116 Oct 30 j 03:56	0°♏57'34	
superior conj	-116 Nov 05 j 12:31	10°♏58'23	-0°40'54
minimum elong	-116 Nov 05 j 07:13	10°♏37'32	0°40'13
max. Earth dist.	-116 Nov 05 j 19:31	11°♏25'52	1.45025 AU
	-116 Nov 17 j 14:10	0°♐	
evening rise	-116 Nov 21 j 11:13	6°♐09'36	
greatest brilliancy	-116 Nov 29 j 17:04	19°♐16'51	-0.8m
	-116 Dec 06 j 16:47	0°♑	
evening max el	-116 Dec 13 j 10:42	8°♑38'33	18°59'53
asc. node	-116 Dec 17 j 09:38	11°♑46'28	
retrograde	-116 Dec 20 j 07:46	12°♑33'04	
evening set	-116 Dec 23 j 13:48	11°♑31'55	
inferior conj	-116 Dec 29 j 05:54	5°♑45'25	3°18'07
minimum elong	-116 Dec 29 j 03:16	5°♑53'38	3°17'34
min. Earth dist.	-116 Dec 30 j 19:12	3°♑48'49	0.65614 AU
	-115 Jan 03 j 05:47	30°℞♐	
morning rise	-115 Jan 03 j 16:28	29°♐35'43	
direct	-115 Jan 10 j 05:14	26°♐45'10	
	-115 Jan 18 j 05:06	0°♑	
morning max el	-115 Jan 23 j 03:45	4°♑20'32	26°37'46
desc. node	-115 Jan 26 j 03:06	7°♑30'27	
	-115 Feb 11 j 17:49	0°♒	
morning set	-115 Feb 28 j 03:32	28°♒10'12	
	-115 Mar 01 j 02:34	0°♓	
max. Earth dist.	-115 Mar 04 j 09:33	6°♓25'39	1.34700 AU
superior conj	-115 Mar 08 j 18:52	15°♓19'54	-1°04'39
minimum elong	-115 Mar 08 j 21:54	15°♓35'35	1°04'08
asc. node	-115 Mar 15 j 08:57	29°♓05'19	
	-115 Mar 15 j 19:28	0°♈	
evening rise	-115 Mar 16 j 08:54	1°♈09'43	
	-115 Apr 02 j 10:48	0°♉	
evening max el	-115 Apr 04 j 15:53	2°♉19'28	21°00'40
retrograde	-115 Apr 16 j 06:28	7°♉56'45	
evening set	-115 Apr 18 j 12:35	7°♉44'48	
desc. node	-115 Apr 24 j 02:17	5°♉47'44	
inferior conj	-115 Apr 27 j 20:03	3°♉46'20	-1°04'12
minimum elong	-115 Apr 27 j 17:01	3°♉50'38	1°03'07
min. Earth dist.	-115 Apr 28 j 12:56	3°♉22'25	0.55019 AU
	-115 May 05 j 17:36	30°℞♈	
morning rise	-115 May 06 j 21:16	29°♈41'24	
direct	-115 May 10 j 04:10	29°♈18'03	
	-115 May 14 j 11:42	0°♉	
morning max el	-115 May 23 j 02:41	5°♉29'51	22°38'12
	-115 Jun 09 j 00:20	0°♊	
asc. node	-115 Jun 11 j 08:14	4°♊33'49	
morning set	-115 Jun 14 j 06:44	10°♊35'16	
superior conj	-115 Jun 21 j 10:50	25°♊49'51	1°28'58
minimum elong	-115 Jun 21 j 08:26	25°♊37'08	1°28'41
	-115 Jun 23 j 10:18	0°♋	
max. Earth dist.	-115 Jun 24 j 09:12	1°♋59'21	1.34152 AU
evening rise	-115 Jun 29 j 06:31	11°♋52'25	
	-115 Jul 09 j 03:55	0°♌	
desc. node	-115 Jul 21 j 01:38	18°♌25'09	
	-115 Jul 30 j 07:08	0°♍	
evening max el	-115 Aug 02 j 20:32	3°♍40'34	27°11'59
retrograde	-115 Aug 16 j 05:11	10°♍59'41	
evening set	-115 Aug 23 j 05:05	8°♍13'55	
min. Earth dist.	-115 Aug 27 j 00:05	4°♍35'36	0.64897 AU
inferior conj	-115 Aug 29 j 03:42	2°♍12'20	-2°53'46
minimum elong	-115 Aug 29 j 07:55	2°♍00'35	2°52'22
	-115 Aug 31 j 04:53	30°℞♌	
morning rise	-115 Sep 04 j 11:29	26°♌40'26	
direct	-115 Sep 07 j 04:43	26°♌01'15	
asc. node	-115 Sep 07 j 07:27	26°♌01'19	
morning max el	-115 Sep 13 j 17:04	29°♌31'03	18°06'47
	-115 Sep 14 j 04:18	0°♍	
morning set	-115 Oct 01 j 18:13	26°♍46'46	
	-115 Oct 03 j 16:37	0°♎	
superior conj	-115 Oct 15 j 18:12	19°♎40'16	0°08'27
minimum elong	-115 Oct 15 j 19:14	19°♎44'25	0°08'19
behind sun begin	-115 Oct 15 j 09:55	19°♎07'12	
behind sun end	-115 Oct 16 j 04:33	20°♎21'35	
desc. node	-115 Oct 17 j 00:57	21°♎42'50	
max. Earth dist.	-115 Oct 19 j 14:23	25°♎46'19	1.44762 AU
	-115 Oct 22 j 06:49	0°♏	
evening rise	-115 Nov 01 j 05:50	15°♏30'58	
	-115 Nov 10 j 15:47	0°♐	
greatest brilliancy	-115 Nov 14 j 11:46	5°♐47'15	-0.7m
evening max el	-115 Nov 26 j 16:54	22°♐05'53	19°50'23
retrograde	-115 Dec 04 j 05:03	26°♐28'52	
asc. node	-115 Dec 04 j 06:41	26°♐28'50	
evening set	-115 Dec 07 j 18:41	25°♐14'22	
inferior conj	-115 Dec 13 j 06:26	19°♐13'53	2°44'17
minimum elong	-115 Dec 13 j 03:38	19°♐23'09	2°43'28
min. Earth dist.	-115 Dec 14 j 05:57	17°♐55'59	0.66647 AU
morning rise	-115 Dec 18 j 12:24	13°♐01'09	
direct	-115 Dec 24 j 12:02	10°♐21'55	
morning max el	-114 Jan 05 j 12:48	17°♐31'05	25°25'07
desc. node	-114 Jan 13 j 00:08	26°♐05'29	
	-114 Jan 16 j 00:15	0°♑	
	-114 Feb 04 j 17:35	0°♒	
morning set	-114 Feb 10 j 19:08	10°♒37'46	
max. Earth dist.	-114 Feb 14 j 12:56	17°♒32'35	1.36351 AU
superior conj	-114 Feb 20 j 10:17	28°♒57'48	-1°28'50
minimum elong	-114 Feb 20 j 14:05	29°♒16'39	1°28'19
	-114 Feb 20 j 22:46	0°♓	
evening rise	-114 Feb 28 j 13:38	15°♓26'36	
asc. node	-114 Mar 02 j 05:59	18°♓49'20	
	-114 Mar 08 j 03:37	0°♈	
evening max el	-114 Mar 18 j 02:34	13°♈49'23	19°48'09
retrograde	-114 Mar 28 j 00:07	18°♈34'17	
evening set	-114 Mar 30 j 02:51	18°♈22'14	
inferior conj	-114 Apr 07 j 20:27	14°♈20'22	0°52'43
minimum elong	-114 Apr 07 j 22:41	14°♈16'54	0°51'57
min. Earth dist.	-114 Apr 10 j 03:10	12°♈55'46	0.55694 AU
desc. node	-114 Apr 10 j 23:17	12°♈25'43	
morning rise	-114 Apr 16 j 16:09	9°♈46'51	
direct	-114 Apr 20 j 20:29	9°♈08'03	
morning max el	-114 May 04 j 18:39	16°♈05'12	24°19'11
	-114 May 15 j 21:55	0°♉	
asc. node	-114 May 29 j 05:16	24°♉23'56	
morning set	-114 May 29 j 18:38	25°♉34'01	
	-114 May 31 j 20:39	0°♊	
superior conj	-114 Jun 05 j 19:11	10°♊41'44	1°12'24
minimum elong	-114 Jun 05 j 16:44	10°♊28'24	1°12'01
max. Earth dist.	-114 Jun 07 j 12:54	14°♊26'39	1.33168 AU
evening rise	-114 Jun 13 j 03:13	26°♊09'14	
	-114 Jun 15 j 01:22	0°♋	
	-114 Jul 02 j 13:23	0°♌	
desc. node	-114 Jul 07 j 22:38	7°♌22'09	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-114 Jul 16 j 06:44	16°♌45'04	27°25'26	
retrograde	-114 Jul 29 j 23:32	24°♌04'54		
evening set	-114 Aug 06 j 04:26	21°♌27'26		
min. Earth dist.	-114 Aug 09 j 18:47	18°♌21'29	0.63315 AU	
inferior conj	-114 Aug 12 j 11:31	15°♌39'34	-3°42'55	
minimum elong	-114 Aug 12 j 16:17	15°♌27'37	3°41'42	
morning rise	-114 Aug 19 j 05:17	10°♌25'15		
direct	-114 Aug 21 j 18:21	9°♌54'17		
asc. node	-114 Aug 25 j 04:29	10°♌51'10		
morning max el	-114 Aug 28 j 08:52	13°♌19'40	17°53'38	
	-114 Sep 08 j 19:04	0°♍		
morning set	-114 Sep 13 j 22:27	8°♍57'35		
superior conj	-114 Sep 25 j 22:22	29°♍30'56	0°51'26	
minimum elong	-114 Sep 26 j 03:04	29°♍50'28	0°50'50	
	-114 Sep 26 j 05:22	0°♎		
max. Earth dist.	-114 Oct 02 j 06:30	9°♎52'09	1.43805 AU	
desc. node	-114 Oct 03 j 22:00	12°♎30'07		
evening rise	-114 Oct 11 j 12:56	24°♎27'24		
	-114 Oct 15 j 03:35	0°♏		
	-114 Nov 04 j 22:37	0°♐		
evening max el	-114 Nov 09 j 17:40	5°♐34'12	20°54'40	
retrograde	-114 Nov 18 j 02:39	10°♐31'59		
asc. node	-114 Nov 21 j 03:43	9°♐39'28		
evening set	-114 Nov 22 j 01:52	9°♐02'15		
inferior conj	-114 Nov 27 j 11:07	2°♐51'09	2°02'41	
minimum elong	-114 Nov 27 j 08:41	2°♐59'29	2°01'48	
min. Earth dist.	-114 Nov 27 j 22:28	2°♐12'14	0.67315 AU	
	-114 Nov 29 j 14:04	30°℞♏		
morning rise	-114 Dec 02 j 15:18	26°♏37'28		
direct	-114 Dec 08 j 00:03	24°♏16'50		
	-114 Dec 18 j 02:28	0°♐		
morning max el	-114 Dec 18 j 21:16	0°♐46'29	23°59'55	
desc. node	-114 Dec 30 j 21:12	15°♐23'27		
	-113 Jan 09 j 23:20	0°♑		
morning set	-113 Jan 23 j 12:44	21°♑56'40		
max. Earth dist.	-113 Jan 27 j 08:25	28°♑38'01	1.38351 AU	
	-113 Jan 28 j 02:45	0°♒		
superior conj	-113 Feb 03 j 13:30	11°♒55'19	-1°48'27	
minimum elong	-113 Feb 03 j 17:04	12°♒12'17	1°48'08	
evening rise	-113 Feb 12 j 11:32	29°♒17'15		
	-113 Feb 12 j 20:15	0°♓		
asc. node	-113 Feb 17 j 03:01	8°♓14'08		
evening max el	-113 Feb 28 j 23:57	25°♓57'08	18°54'51	
retrograde	-113 Mar 09 j 08:36	29°♓59'27		
evening set	-113 Mar 11 j 15:31	29°♓42'31		
inferior conj	-113 Mar 19 j 14:16	25°♓25'34	2°25'04	
minimum elong	-113 Mar 19 j 18:38	25°♓17'44	2°23'52	
min. Earth dist.	-113 Mar 22 j 19:29	23°♓08'21	0.57174 AU	
morning rise	-113 Mar 27 j 18:42	20°♓19'12		
desc. node	-113 Mar 28 j 20:21	19°♓54'55		
direct	-113 Apr 02 j 02:25	19°♓11'09		
morning max el	-113 Apr 16 j 09:44	26°♓37'44	25°52'49	
	-113 Apr 19 j 14:57	0°♈		
	-113 May 09 j 01:26	0°♉		
morning set	-113 May 14 j 06:14	10°♉31'34		
asc. node	-113 May 16 j 02:18	14°♉25'51		
superior conj	-113 May 21 j 06:08	25°♉40'17	0°52'08	
minimum elong	-113 May 21 j 04:05	25°♉29'03	0°51'45	
max. Earth dist.	-113 May 21 j 22:52	27°♉11'51	1.32569 AU	
	-113 May 23 j 05:42	0°♊		
evening rise	-113 May 28 j 07:09	10°♊47'08		
	-113 Jun 07 j 07:27	0°♋		
desc. node	-113 Jun 24 j 19:40	25°♋23'07		
evening max el	-113 Jun 28 j 13:06	29°♋15'11	27°06'52	
	-113 Jun 29 j 08:23	0°♌		
retrograde	-113 Jul 12 j 11:02	6°♌32'20		
evening set	-113 Jul 19 j 11:59	4°♌17'11		
min. Earth dist.	-113 Jul 23 j 03:17	1°♌33'10	0.61431 AU	
	-113 Jul 24 j 21:49	30°℞♋		
inferior conj	-113 Jul 26 j 06:55	28°♋45'57	-4°22'06	
minimum elong	-113 Jul 26 j 10:56	28°♋37'03	4°21'28	
morning rise	-113 Aug 02 j 11:29	23°♋51'57		
direct	-113 Aug 04 j 22:52	23°♋26'33		
morning max el	-113 Aug 11 j 22:57	26°♋56'04	17°59'00	
asc. node	-113 Aug 12 j 01:32	27°♋02'25		
	-113 Aug 14 j 16:05	0°♌		
morning set	-113 Aug 27 j 21:27	22°♌02'01		
	-113 Sep 01 j 05:59	0°♍		
superior conj	-113 Sep 07 j 05:52	10°♍41'52	1°22'07	
minimum elong	-113 Sep 07 j 10:28	11°♍01'59	1°21'39	
max. Earth dist.	-113 Sep 14 j 17:52	23°♍27'21	1.42279 AU	
	-113 Sep 18 j 18:08	0°♎		
desc. node	-113 Sep 20 j 19:02	3°♎15'26		
evening rise	-113 Sep 21 j 02:12	3°♎43'51		
	-113 Oct 08 j 13:21	0°♏		
evening max el	-113 Oct 23 j 12:49	19°♏03'35	22°09'15	
retrograde	-113 Nov 01 j 22:41	24°♏39'20		
evening set	-113 Nov 06 j 09:36	22°♏52'34		
asc. node	-113 Nov 08 j 00:46	21°♏19'35		
inferior conj	-113 Nov 11 j 17:54	16°♏34'24	1°15'12	
minimum elong	-113 Nov 11 j 16:15	16°♏40'08	1°14'31	
min. Earth dist.	-113 Nov 11 j 18:16	16°♏33'09	0.67634 AU	
morning rise	-113 Nov 16 j 22:43	10°♏22'06		
direct	-113 Nov 21 j 16:23	8°♏23'35		
morning max el	-113 Dec 01 j 07:49	14°♏06'27	22°32'16	
	-113 Dec 14 j 02:20	0°♐		
desc. node	-113 Dec 17 j 18:17	5°♐12'03		
	-112 Jan 02 j 22:45	0°♑		
morning set	-112 Jan 04 j 02:30	1°♑52'52		
max. Earth dist.	-112 Jan 09 j 04:29	10°♑20'52	1.40479 AU	
superior conj	-112 Jan 16 j 23:56	24°♑01'20	-2°00'10	
minimum elong	-112 Jan 17 j 01:35	24°♑08'47	2°00'08	
	-112 Jan 20 j 06:31	0°♒		
evening rise	-112 Jan 26 j 23:35	12°♒34'39		
asc. node	-112 Feb 04 j 00:04	27°♒13'21		
	-112 Feb 05 j 16:28	0°♓		
evening max el	-112 Feb 12 j 05:27	8°♓36'11	18°21'31	
retrograde	-112 Feb 19 j 12:00	12°♓12'08		
evening set	-112 Feb 22 j 00:13	11°♓47'35		
inferior conj	-112 Feb 29 j 05:08	7°♓10'06	3°22'04	
minimum elong	-112 Feb 29 j 08:26	7°♓03'10	3°21'31	
min. Earth dist.	-112 Mar 03 j 15:27	4°♓19'25	0.59143 AU	
morning rise	-112 Mar 07 j 14:17	1°♓37'37		
	-112 Mar 12 j 04:14	30°℞♒		
direct	-112 Mar 13 j 21:28	29°♒52'09		
desc. node	-112 Mar 14 j 17:24	29°♒53'57		
	-112 Mar 15 j 15:10	0°♓		
morning max el	-112 Mar 28 j 05:04	7°♓34'06	27°04'08	
	-112 Apr 14 j 02:21	0°♈		
morning set	-112 Apr 27 j 15:54	25°♈22'10		
	-112 Apr 29 j 20:27	0°♉		
asc. node	-112 May 01 j 23:22	4°♉34'52		
superior conj	-112 May 04 j 17:56	10°♉39'15	0°29'00	
minimum elong	-112 May 04 j 16:41	10°♉32'20	0°28'44	
max. Earth dist.	-112 May 04 j 11:41	10°♉04'53	1.32338 AU	
evening rise	-112 May 11 j 15:47	25°♉37'34		
	-112 May 13 j 18:25	0°♊		
	-112 May 31 j 04:21	0°♋		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-112 Jun 09 j 13:19	11°♋01'39	26°15'33	
desc. node	-112 Jun 10 j 16:40	12°♋04'44		
retrograde	-112 Jun 23 j 13:56	18°♋14'52		
evening set	-112 Jun 29 j 23:12	16°♋34'11		
min. Earth dist.	-112 Jul 04 j 02:16	13°♋56'15	0.59385 AU	
inferior conj	-112 Jul 07 j 10:21	11°♋22'22	-4°43'23	
minimum elong	-112 Jul 07 j 11:37	11°♋19'55	4°43'19	
morning rise	-112 Jul 15 j 02:11	6°♋50'42		
direct	-112 Jul 17 j 14:07	6°♋28'55		
morning max el	-112 Jul 25 j 08:15	10°♋12'21	18°24'04	
asc. node	-112 Jul 28 j 22:37	14°♋20'10		
	-112 Aug 07 j 09:01	0°♌		
morning set	-112 Aug 10 j 09:59	5°♌46'07		
superior conj	-112 Aug 19 j 13:15	23°♌03'45	1°40'00	
minimum elong	-112 Aug 19 j 15:56	23°♌16'07	1°39'50	
	-112 Aug 23 j 09:03	0°♍		
max. Earth dist.	-112 Aug 27 j 00:10	6°♍22'02	1.40384 AU	
evening rise	-112 Aug 31 j 12:04	13°♍58'10		
desc. node	-112 Sep 06 j 16:03	23°♍55'12		
	-112 Sep 10 j 14:24	0°♎		
	-112 Oct 02 j 16:40	0°♏		
evening max el	-112 Oct 05 j 03:21	2°♏35'05	23°29'05	
retrograde	-112 Oct 15 j 15:47	8°♏47'53		
evening set	-112 Oct 20 j 16:12	6°♏42'58		
asc. node	-112 Oct 24 j 21:50	1°♏53'46		
min. Earth dist.	-112 Oct 25 j 14:52	0°♏55'56	0.67628 AU	
inferior conj	-112 Oct 26 j 00:57	0°♏21'26	0°23'21	
minimum elong	-112 Oct 26 j 00:24	0°♏23'19	0°23'07	
	-112 Oct 26 j 07:13	30°℞♎		
morning rise	-112 Oct 31 j 08:31	24°♎12'57		
direct	-112 Nov 04 j 12:01	22°♎36'52		
morning max el	-112 Nov 13 j 00:03	27°♎34'52	21°10'14	
	-112 Nov 15 j 05:50	0°♏		
desc. node	-112 Dec 03 j 15:21	25°♏22'14		
	-112 Dec 06 j 16:55	0°♐		
morning set	-112 Dec 13 j 12:21	10°♐31'13		
max. Earth dist.	-112 Dec 21 j 07:27	23°♐00'29	1.42437 AU	
	-112 Dec 25 j 12:44	0°♑		
superior conj	-112 Dec 28 j 12:01	5°♑01'52	-1°59'46	
minimum elong	-112 Dec 28 j 09:39	4°♑51'42	1°59'43	
evening rise	-111 Jan 08 j 22:02	25°♑10'20		
	-111 Jan 11 j 14:22	0°♒		
asc. node	-111 Jan 20 j 21:08	15°♒38'16		
evening max el	-111 Jan 25 j 15:53	21°♒36'51	18°07'58	
retrograde	-111 Feb 01 j 08:01	25°♒02'21		
evening set	-111 Feb 04 j 00:45	24°♒28'55		
inferior conj	-111 Feb 10 j 15:12	19°♒29'58	3°47'26	
minimum elong	-111 Feb 10 j 16:15	19°♒27'24	3°47'23	
min. Earth dist.	-111 Feb 13 j 18:06	16°♒30'23	0.61246 AU	
morning rise	-111 Feb 17 j 06:17	13°♒40'02		
direct	-111 Feb 24 j 03:01	11°♒19'46		
desc. node	-111 Mar 01 j 14:28	12°♒40'05		
morning max el	-111 Mar 10 j 06:45	19°♒09'31	27°42'16	
	-111 Mar 19 j 11:43	0°♓		
	-111 Apr 06 j 20:59	0°♈		
morning set	-111 Apr 11 j 21:42	9°♈58'23		
max. Earth dist.	-111 Apr 17 j 23:20	22°♈51'00	1.32471 AU	
asc. node	-111 Apr 18 j 20:25	24°♈45'50		
superior conj	-111 Apr 19 j 04:51	25°♈31'48	0°03'44	
minimum elong	-111 Apr 19 j 04:40	25°♈30'51	0°03'41	
behind sun begin	-111 Apr 18 j 23:43	25°♈03'47		
behind sun end	-111 Apr 19 j 09:38	25°♈57'56		
	-111 Apr 21 j 05:54	0°♉		
evening rise	-111 Apr 26 j 02:56	10°♉32'02		
	-111 May 06 j 03:08	0°♊		
evening max el	-111 May 22 j 06:43	22°♊03'47	24°57'03	
desc. node	-111 May 28 j 13:40	26°♊54'56		
retrograde	-111 Jun 05 j 06:26	29°♊10'06		
evening set	-111 Jun 10 j 11:18	28°♊08'13		
min. Earth dist.	-111 Jun 15 j 18:15	25°♊18'55	0.57413 AU	
inferior conj	-111 Jun 18 j 18:28	23°♊18'44	-4°35'18	
minimum elong	-111 Jun 18 j 15:12	23°♊24'12	4°34'59	
morning rise	-111 Jun 26 j 21:52	19°♊08'44		
direct	-111 Jun 29 j 11:41	18°♊49'31		
morning max el	-111 Jul 08 j 09:52	22°♊59'23	19°09'59	
	-111 Jul 14 j 04:37	0°♋		
asc. node	-111 Jul 15 j 19:40	2°♋29'44		
morning set	-111 Jul 25 j 08:05	19°♋59'21		
	-111 Jul 30 j 09:00	0°♌		
superior conj	-111 Aug 02 j 14:51	6°♌21'05	1°46'56	
minimum elong	-111 Aug 02 j 15:24	6°♌23'45	1°46'55	
max. Earth dist.	-111 Aug 09 j 03:25	18°♌36'09	1.38363 AU	
evening rise	-111 Aug 12 j 22:49	25°♌23'11		
	-111 Aug 15 j 15:11	0°♍		
desc. node	-111 Aug 24 j 13:03	14°♍25'25		
	-111 Sep 04 j 05:36	0°♎		
evening max el	-111 Sep 17 j 15:15	16°♎09'48	24°47'42	
retrograde	-111 Sep 29 j 05:00	22°♎54'08		
evening set	-111 Oct 04 j 19:57	20°♎31'42		
min. Earth dist.	-111 Oct 09 j 09:54	15°♎18'56	0.67301 AU	
inferior conj	-111 Oct 10 j 06:32	14°♎10'32	-0°31'21	
minimum elong	-111 Oct 10 j 07:19	14°♎07'58	0°31'01	
asc. node	-111 Oct 11 j 18:53	12°♎12'14		
morning rise	-111 Oct 15 j 18:46	8°♎08'27		
direct	-111 Oct 19 j 09:44	6°♎52'49		
morning max el	-111 Oct 26 j 23:57	11°♎14'04	19°59'22	
	-111 Nov 10 j 02:35	0°♏		
desc. node	-111 Nov 20 j 12:22	15°♏47'52		
morning set	-111 Nov 22 j 08:53	18°♏39'31		
	-111 Nov 29 j 15:26	0°♐		
max. Earth dist.	-111 Dec 03 j 17:57	6°♐30'23	1.43951 AU	
superior conj	-111 Dec 08 j 21:30	14°♐48'13	-1°42'47	
minimum elong	-111 Dec 08 j 14:27	14°♐19'30	1°42'14	
	-111 Dec 18 j 00:59	0°♑		
evening rise	-111 Dec 22 j 02:35	6°♑56'08		
	-110 Jan 05 j 04:26	0°♒		
asc. node	-110 Jan 07 j 18:10	3°♒18'40		
evening max el	-110 Jan 09 j 04:19	4°♒51'46	18°13'45	
retrograde	-110 Jan 15 j 16:03	8°♒20'11		
evening set	-110 Jan 18 j 13:11	7°♒37'00		
inferior conj	-110 Jan 24 j 16:41	2°♒17'59	3°48'52	
minimum elong	-110 Jan 24 j 15:44	2°♒20'34	3°48'48	
	-110 Jan 26 j 19:19	30°℞♑		
min. Earth dist.	-110 Jan 27 j 06:00	29°♑31'40	0.63202 AU	
morning rise	-110 Jan 30 j 17:29	26°♑17'11		
direct	-110 Feb 06 j 17:17	23°♑33'26		
desc. node	-110 Feb 16 j 11:32	27°♑46'00		
	-110 Feb 19 j 02:09	0°♒		
morning max el	-110 Feb 20 j 13:46	1°♒25'26	27°43'16	
	-110 Mar 13 j 15:37	0°♓		
morning set	-110 Mar 26 j 21:20	24°♓12'49		
	-110 Mar 29 j 17:27	0°♈		
max. Earth dist.	-110 Apr 01 j 05:50	5°♈16'42	1.32993 AU	
superior conj	-110 Apr 03 j 13:09	10°♈12'23	-0°22'51	
minimum elong	-110 Apr 03 j 14:14	10°♈18'16	0°22'38	
asc. node	-110 Apr 05 j 17:28	14°♈54'50		
evening rise	-110 Apr 10 j 14:42	25°♈24'09		
	-110 Apr 12 j 19:41	0°♉		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-110 May 01 j 07:54	0°♊	
evening max el	-110 May 03 j 21:05	2°♊39'28	23°23'34
desc. node	-110 May 15 j 10:42	9°♊17'05	
retrograde	-110 May 17 j 10:55	9°♊26'16	
evening set	-110 May 21 j 04:41	8°♊55'30	
min. Earth dist.	-110 May 28 j 07:15	5°♊40'40	0.55854 AU
inferior conj	-110 May 30 j 06:33	4°♊30'38	-3°45'30
minimum elong	-110 May 29 j 23:36	4°♊40'58	3°43'55
morning rise	-110 Jun 07 j 21:17	0°♊35'05	
direct	-110 Jun 10 j 13:46	0°♊17'23	
morning max el	-110 Jun 21 j 01:18	5°♊08'14	20°16'52
asc. node	-110 Jul 02 j 16:43	21°♊18'42	
	-110 Jul 07 j 06:30	0°♋	
morning set	-110 Jul 09 j 12:45	4°♋33'04	
superior conj	-110 Jul 17 j 05:31	20°♋18'25	1°45'06
minimum elong	-110 Jul 17 j 04:25	20°♋12'50	1°45'05
	-110 Jul 22 j 03:18	0°♌	
max. Earth dist.	-110 Jul 22 j 08:43	0°♌26'05	1.36470 AU
evening rise	-110 Jul 26 j 07:47	7°♌52'41	
	-110 Aug 08 j 08:49	0°♍	
desc. node	-110 Aug 11 j 10:02	4°♍40'24	
evening max el	-110 Aug 31 j 02:37	29°♍46'13	25°57'49
	-110 Aug 31 j 08:19	0°♎	
retrograde	-110 Sep 12 j 13:40	6°♎52'27	
evening set	-110 Sep 18 j 18:59	4°♎15'39	
	-110 Sep 22 j 18:15	30°℞♍	
min. Earth dist.	-110 Sep 23 j 01:02	29°♍39'00	0.66643 AU
inferior conj	-110 Sep 24 j 08:52	27°♍58'50	-1°27'25
minimum elong	-110 Sep 24 j 11:05	27°♍51'52	1°26'30
asc. node	-110 Sep 28 j 15:56	23°♍11'41	
morning rise	-110 Sep 30 j 03:29	22°♍05'54	
direct	-110 Oct 03 j 08:05	21°♍07'20	
morning max el	-110 Oct 10 j 07:03	25°♍01'42	19°02'47
	-110 Oct 14 j 12:11	0°♎	
morning set	-110 Nov 01 j 16:42	27°♎28'01	
	-110 Nov 03 j 07:28	0°♏	
desc. node	-110 Nov 07 j 09:22	6°♏23'48	
max. Earth dist.	-110 Nov 16 j 09:41	20°♏32'50	1.44839 AU
superior conj	-110 Nov 18 j 06:49	23°♏30'50	-1°07'32
minimum elong	-110 Nov 17 j 23:01	23°♏00'02	1°06'38
	-110 Nov 22 j 09:01	0°♐	
evening rise	-110 Dec 03 j 09:01	17°♐44'07	
	-110 Dec 10 j 21:21	0°♑	
evening max el	-110 Dec 23 j 16:06	18°♑14'44	18°38'05
asc. node	-110 Dec 25 j 15:12	20°♑01'31	
retrograde	-110 Dec 30 j 07:46	21°♑57'02	
evening set	-109 Jan 02 j 10:05	21°♑03'01	
inferior conj	-109 Jan 08 j 05:39	15°♑26'01	3°33'04
minimum elong	-109 Jan 08 j 03:25	15°♑32'42	3°32'43
min. Earth dist.	-109 Jan 10 j 03:40	13°♑08'26	0.64843 AU
morning rise	-109 Jan 13 j 20:19	9°♑18'41	
direct	-109 Jan 20 j 14:56	6°♑26'16	
morning max el	-109 Feb 02 j 23:13	14°♑11'45	27°09'51
desc. node	-109 Feb 03 j 08:34	14°♑35'20	
	-109 Feb 15 j 20:19	0°♒	
	-109 Mar 06 j 07:03	0°♓	
morning set	-109 Mar 10 j 11:53	7°♓56'14	
max. Earth dist.	-109 Mar 15 j 03:11	17°♓10'34	1.33939 AU
superior conj	-109 Mar 18 j 16:55	24°♓35'10	-0°49'40
minimum elong	-109 Mar 18 j 19:18	24°♓47'40	0°49'12
	-109 Mar 21 j 06:22	0°♈	
asc. node	-109 Mar 23 j 14:30	4°♈58'03	
evening rise	-109 Mar 26 j 01:20	10°♈08'03	
	-109 Apr 05 j 12:01	0°♉	

evening max el	-109 Apr 15 j 15:41	13°♉19'58	21°50'00
retrograde	-109 Apr 28 j 03:57	19°♉26'44	
evening set	-109 Apr 30 j 18:05	19°♉11'44	
desc. node	-109 May 02 j 07:44	18°♉48'54	
inferior conj	-109 May 10 j 04:03	15°♉07'56	-2°11'35
minimum elong	-109 May 09 j 22:10	15°♉16'11	2°09'39
min. Earth dist.	-109 May 09 j 20:13	15°♉18'56	0.55049 AU
morning rise	-109 May 19 j 03:21	11°♉11'30	
direct	-109 May 22 j 02:29	10°♉52'02	
morning max el	-109 Jun 03 j 05:39	16°♉34'38	21°42'32
	-109 Jun 13 j 15:32	0°♊	
asc. node	-109 Jun 19 j 13:45	10°♊37'34	
morning set	-109 Jun 23 j 21:43	19°♊21'21	
	-109 Jun 28 j 23:12	0°♋	
superior conj	-109 Jul 01 j 05:21	4°♋44'20	1°36'27
minimum elong	-109 Jul 01 j 03:14	4°♋33'19	1°36'17
max. Earth dist.	-109 Jul 04 j 21:51	12°♋19'58	1.34889 AU
evening rise	-109 Jul 09 j 10:12	21°♋14'33	
	-109 Jul 14 j 03:09	0°♌	
desc. node	-109 Jul 29 j 07:03	24°♌33'24	
	-109 Aug 02 j 04:57	0°♍	
evening max el	-109 Aug 13 j 14:33	13°♍19'31	26°51'31
retrograde	-109 Aug 26 j 17:07	20°♍36'32	
evening set	-109 Sep 02 j 11:08	17°♍51'41	
min. Earth dist.	-109 Sep 06 j 09:57	13°♍52'06	0.65637 AU
inferior conj	-109 Sep 08 j 05:58	11°♍43'17	-2°22'57
minimum elong	-109 Sep 08 j 09:33	11°♍32'48	2°21'38
morning rise	-109 Sep 14 j 08:32	6°♍02'32	
asc. node	-109 Sep 15 j 12:58	5°♍32'53	
direct	-109 Sep 17 j 05:10	5°♍17'18	
morning max el	-109 Sep 23 j 19:31	8°♍53'48	18°22'17
	-109 Oct 08 j 10:44	0°♎	
morning set	-109 Oct 13 j 03:34	7°♎38'44	
desc. node	-109 Oct 25 j 06:23	27°♎06'37	
	-109 Oct 27 j 02:12	0°♏	
superior conj	-109 Oct 28 j 07:24	1°♏55'16	-0°19'54
minimum elong	-109 Oct 28 j 04:47	1°♏44'58	0°19'33
max. Earth dist.	-109 Oct 30 j 04:05	4°♏51'13	1.45007 AU
evening rise	-109 Nov 13 j 15:40	27°♏33'51	
	-109 Nov 15 j 04:55	0°♐	
greatest brilliancy	-109 Nov 24 j 08:15	14°♐16'11	-0.8m
	-109 Dec 05 j 11:55	0°♑	
evening max el	-109 Dec 07 j 00:58	1°♑41'47	19°19'33
asc. node	-109 Dec 12 j 12:14	5°♑32'14	
retrograde	-109 Dec 14 j 03:42	5°♑47'17	
evening set	-109 Dec 17 j 12:44	4°♑40'46	
	-109 Dec 22 j 04:14	30°℞♐	
inferior conj	-109 Dec 23 j 02:46	28°♐48'15	3°04'51
minimum elong	-109 Dec 22 j 24:00	28°♐57'09	3°04'09
min. Earth dist.	-109 Dec 24 j 10:07	27°♐07'35	0.66107 AU
morning rise	-109 Dec 28 j 11:00	22°♐37'02	
direct	-108 Jan 03 j 18:41	19°♐49'48	
morning max el	-108 Jan 16 j 08:33	27°♐15'44	26°08'53
	-108 Jan 18 j 22:34	0°♑	
desc. node	-108 Jan 21 j 05:36	2°♑38'16	
	-108 Feb 09 j 12:08	0°♒	
morning set	-108 Feb 21 j 13:18	20°♒55'31	
max. Earth dist.	-108 Feb 25 j 12:50	28°♒30'00	1.35347 AU
	-108 Feb 26 j 07:16	0°♓	
superior conj	-108 Mar 01 j 13:44	8°♓32'01	-1°15'19
minimum elong	-108 Mar 01 j 17:10	8°♓49'30	1°14'46
evening rise	-108 Mar 09 j 08:50	24°♓36'38	
asc. node	-108 Mar 09 j 11:32	24°♓50'28	
	-108 Mar 12 j 00:43	0°♈	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-108 Mar 27 j 19:57	24°♈28'37	20°27'42
retrograde	-108 Apr 07 j 17:02	29°♈42'34	
evening set	-108 Apr 09 j 20:21	29°♈31'18	
desc. node	-108 Apr 18 j 04:46	26°♈00'20	
inferior conj	-108 Apr 18 j 23:07	25°♈33'44	-0°13'09
minimum elong	-108 Apr 18 j 22:30	25°♈34'37	0°12'56
transit middle	-108 Apr 18 j 22:30	25°♈34'37	0°12'56
transit begin	-108 Apr 18 j 20:09	25°♈38'03	
transit end	-108 Apr 19 j 00:52	25°♈31'12	
min. Earth dist.	-108 Apr 20 j 09:42	24°♈43'26	0.55193 AU
morning rise	-108 Apr 27 j 23:21	21°♈18'05	
direct	-108 May 01 j 14:26	20°♈49'31	
morning max el	-108 May 15 j 00:35	27°♈22'25	23°21'01
	-108 May 17 j 14:19	0°♉	
asc. node	-108 Jun 05 j 10:47	0°♊17'49	
	-108 Jun 05 j 07:18	0°♊	
morning set	-108 Jun 07 j 09:01	4°♊17'26	
superior conj	-108 Jun 14 j 11:15	19°♊28'21	1°22'27
minimum elong	-108 Jun 14 j 08:45	19°♊15'00	1°22'07
max. Earth dist.	-108 Jun 16 j 20:46	24°♊34'20	1.33689 AU
	-108 Jun 19 j 11:16	0°♋	
evening rise	-108 Jun 22 j 01:21	5°♋14'14	
	-108 Jul 05 j 19:06	0°♌	
desc. node	-108 Jul 15 j 04:05	13°♌54'07	
evening max el	-108 Jul 26 j 02:10	26°♌38'28	27°21'28
	-108 Jul 30 j 00:09	0°♍	
retrograde	-108 Aug 08 j 14:46	3°♍57'48	
evening set	-108 Aug 15 j 17:33	1°♍14'22	
	-108 Aug 17 j 05:12	30°℞♌	
min. Earth dist.	-108 Aug 19 j 10:20	27°♌50'22	0.64266 AU
inferior conj	-108 Aug 21 j 19:26	25°♌18'16	-3°15'28
minimum elong	-108 Aug 21 j 23:59	25°♌06'05	3°14'05
morning rise	-108 Aug 28 j 07:18	19°♌53'07	
direct	-108 Aug 30 j 22:30	19°♌17'42	
asc. node	-108 Sep 01 j 10:00	19°♌28'59	
morning max el	-108 Sep 06 j 10:52	22°♌44'41	17°58'58
	-108 Sep 12 j 03:17	0°♍	
morning set	-108 Sep 23 j 18:16	19°♍10'32	
	-108 Sep 30 j 04:08	0°♎	
superior conj	-108 Oct 06 j 21:08	11°♎02'04	0°27'57
minimum elong	-108 Oct 07 j 00:15	11°♎14'40	0°27'32
desc. node	-108 Oct 11 j 03:26	17°♎53'02	
max. Earth dist.	-108 Oct 11 j 22:25	19°♎08'36	1.44440 AU
	-108 Oct 18 j 20:11	0°♏	
evening rise	-108 Oct 23 j 03:36	6°♏40'21	
	-108 Nov 07 j 14:14	0°♐	
evening max el	-108 Nov 19 j 05:08	15°♐10'30	20°16'14
retrograde	-108 Nov 27 j 01:18	19°♐47'05	
asc. node	-108 Nov 28 j 09:16	19°♐36'59	
evening set	-108 Nov 30 j 18:51	18°♐26'14	
inferior conj	-108 Dec 06 j 05:21	12°♐20'58	2°27'27
minimum elong	-108 Dec 06 j 02:39	12°♐30'04	2°26'35
min. Earth dist.	-108 Dec 06 j 23:30	11°♐19'50	0.66982 AU
morning rise	-108 Dec 11 j 10:16	6°♐07'50	
direct	-108 Dec 17 j 03:48	3°♐35'51	
morning max el	-108 Dec 28 j 17:05	10°♐28'42	24°49'47
desc. node	-107 Jan 07 j 02:39	21°♐33'29	
	-107 Jan 13 j 06:05	0°♑	
	-107 Feb 01 j 04:17	0°♒	
morning set	-107 Feb 02 j 20:20	2°♒56'00	
max. Earth dist.	-107 Feb 06 j 12:17	9°♒33'09	1.37176 AU
superior conj	-107 Feb 13 j 00:32	21°♒54'34	-1°37'53
minimum elong	-107 Feb 13 j 04:23	22°♒13'24	1°37'26
	-107 Feb 17 j 02:37	0°♓	

evening rise	-107 Feb 21 j 11:03	8°♓43'40	
asc. node	-107 Feb 24 j 08:36	14°♓27'16	
	-107 Mar 05 j 07:26	0°♈	
evening max el	-107 Mar 10 j 11:27	6°♈15'01	19°22'58
retrograde	-107 Mar 19 j 15:56	10°♈39'53	
evening set	-107 Mar 21 j 20:15	10°♈26'04	
inferior conj	-107 Mar 30 j 05:57	6°♈18'31	1°36'01
minimum elong	-107 Mar 30 j 09:35	6°♈12'34	1°34'51
min. Earth dist.	-107 Apr 02 j 00:19	4°♈30'11	0.56248 AU
desc. node	-107 Apr 05 j 01:49	2°♈43'17	
morning rise	-107 Apr 07 j 20:09	1°♈31'09	
direct	-107 Apr 12 j 12:07	0°♈41'35	
morning max el	-107 Apr 26 j 15:19	7°♈52'18	25°00'51
	-107 May 12 j 21:56	0°♉	
morning set	-107 May 22 j 21:00	19°♉16'03	
asc. node	-107 May 23 j 07:51	20°♉13'23	
	-107 May 27 j 20:39	0°♊	
superior conj	-107 May 29 j 20:55	4°♊23'14	1°04'12
minimum elong	-107 May 29 j 18:35	4°♊10'29	1°03'48
max. Earth dist.	-107 May 31 j 03:46	7°♊10'50	1.32873 AU
evening rise	-107 Jun 06 j 01:29	19°♊40'40	
	-107 Jun 11 j 07:01	0°♋	
	-107 Jun 30 j 01:39	0°♌	
desc. node	-107 Jul 02 j 01:07	2°♌29'08	
evening max el	-107 Jul 08 j 11:08	9°♌29'26	27°21'35
retrograde	-107 Jul 22 j 05:57	16°♌47'28	
evening set	-107 Jul 29 j 10:40	14°♌17'47	
min. Earth dist.	-107 Aug 02 j 00:32	11°♌22'56	0.62549 AU
inferior conj	-107 Aug 04 j 22:22	8°♌37'02	-4°01'10
minimum elong	-107 Aug 05 j 03:00	8°♌25'57	4°00'10
morning rise	-107 Aug 11 j 20:38	3°♌31'00	
direct	-107 Aug 14 j 08:50	3°♌02'33	
asc. node	-107 Aug 19 j 07:04	4°♌54'36	
morning max el	-107 Aug 21 j 02:15	6°♌28'14	17°53'38
	-107 Sep 05 j 07:30	0°♍	
morning set	-107 Sep 06 j 07:10	1°♍45'40	
superior conj	-107 Sep 17 j 12:56	21°♍26'24	1°06'05
minimum elong	-107 Sep 17 j 17:57	21°♍47'41	1°05'29
	-107 Sep 22 j 16:00	0°♎	
max. Earth dist.	-107 Sep 24 j 13:16	3°♎04'53	1.43214 AU
desc. node	-107 Sep 28 j 00:27	8°♎39'24	
evening rise	-107 Oct 02 j 11:03	15°♎39'05	
	-107 Oct 11 j 20:55	0°♏	
evening max el	-107 Nov 02 j 03:27	28°♏38'51	21°25'22
	-107 Nov 03 j 12:46	0°♐	
retrograde	-107 Nov 10 j 22:27	3°♐52'29	
evening set	-107 Nov 15 j 02:31	2°♐15'26	
asc. node	-107 Nov 15 j 06:19	2°♐07'50	
	-107 Nov 17 j 09:43	30°℞♏	
inferior conj	-107 Nov 20 j 11:09	26°♏00'47	1°43'09
minimum elong	-107 Nov 20 j 09:00	26°♏08'11	1°42'20
min. Earth dist.	-107 Nov 20 j 17:37	25°♏38'27	0.67491 AU
morning rise	-107 Nov 25 j 15:21	19°♏47'35	
direct	-107 Nov 30 j 17:34	17°♏36'25	
morning max el	-107 Dec 11 j 02:10	23°♏46'12	23°22'31
	-107 Dec 16 j 14:40	0°♐	
desc. node	-107 Dec 24 j 23:42	11°♐05'26	
	-106 Jan 06 j 16:32	0°♑	
morning set	-106 Jan 15 j 02:42	13°♑40'52	
max. Earth dist.	-106 Jan 19 j 07:33	20°♑52'43	1.39264 AU
	-106 Jan 24 j 10:16	0°♒	
superior conj	-106 Jan 26 j 21:13	4°♒31'29	-1°54'36
minimum elong	-106 Jan 27 j 00:13	4°♒45'28	1°54'26
evening rise	-106 Feb 05 j 05:11	22°♒21'17	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-106 Feb 09 j 05:21	0°♓	
asc. node	-106 Feb 11 j 05:39	3°♓42'01	
evening max el	-106 Feb 21 j 12:32	18°♓36'20	18°38'05
retrograde	-106 Mar 01 j 08:46	22°♓25'47	
evening set	-106 Mar 03 j 17:53	22°♓05'55	
inferior conj	-106 Mar 11 j 08:41	17°♓40'13	2°53'31
minimum elong	-106 Mar 11 j 12:52	17°♓32'10	2°52'34
min. Earth dist.	-106 Mar 14 j 17:49	15°♓06'01	0.57974 AU
morning rise	-106 Mar 19 j 05:02	12°♓21'23	
desc. node	-106 Mar 22 j 22:52	11°♓08'28	
direct	-106 Mar 24 j 23:26	10°♓58'08	
morning max el	-106 Apr 08 j 07:56	18°♓32'30	26°26'46
	-106 Apr 17 j 22:29	0°♈	
	-106 May 05 j 07:26	0°♉	
morning set	-106 May 07 j 08:01	4°♉11'25	
asc. node	-106 May 10 j 04:56	10°♉18'52	
superior conj	-106 May 14 j 08:27	19°♉22'28	0°42'38
minimum elong	-106 May 14 j 06:42	19°♉12'50	0°42'16
max. Earth dist.	-106 May 14 j 15:26	20°♉00'50	1.32424 AU
	-106 May 19 j 05:41	0°♊	
evening rise	-106 May 21 j 07:41	4°♊24'26	
	-106 Jun 04 j 00:52	0°♋	
desc. node	-106 Jun 18 j 22:08	19°♋59'36	
evening max el	-106 Jun 20 j 14:53	21°♋40'50	26°48'49
retrograde	-106 Jul 04 j 14:06	28°♋56'57	
evening set	-106 Jul 11 j 10:10	26°♋54'53	
min. Earth dist.	-106 Jul 15 j 04:33	24°♋15'58	0.60565 AU
inferior conj	-106 Jul 18 j 11:25	21°♋31'39	-4°33'58
minimum elong	-106 Jul 18 j 14:32	21°♋25'06	4°33'37
morning rise	-106 Jul 25 j 20:46	16°♋47'26	
direct	-106 Jul 28 j 08:11	16°♋23'46	
morning max el	-106 Aug 04 j 14:46	19°♋57'35	18°07'16
asc. node	-106 Aug 06 j 04:08	21°♋36'08	
	-106 Aug 12 j 02:10	0°♌	
morning set	-106 Aug 20 j 12:28	15°♌08'24	
	-106 Aug 28 j 13:08	0°♍	
superior conj	-106 Aug 30 j 07:19	3°♍09'51	1°31'11
minimum elong	-106 Aug 30 j 11:12	3°♍27'15	1°30'50
max. Earth dist.	-106 Sep 06 j 22:18	16°♍23'23	1.41496 AU
evening rise	-106 Sep 12 j 07:50	25°♍16'34	
desc. node	-106 Sep 14 j 21:29	29°♍22'47	
	-106 Sep 15 j 06:54	0°♎	
	-106 Oct 05 j 17:53	0°♏	
evening max el	-106 Oct 15 j 20:16	12°♏08'16	22°42'51
retrograde	-106 Oct 25 j 17:32	18°♏00'49	
evening set	-106 Oct 30 j 09:59	16°♏06'17	
asc. node	-106 Nov 02 j 03:22	13°♏15'30	
inferior conj	-106 Nov 04 j 18:16	9°♏45'55	0°53'40
minimum elong	-106 Nov 04 j 17:03	9°♏50'08	0°53'09
min. Earth dist.	-106 Nov 04 j 14:06	10°♏00'19	0.67666 AU
morning rise	-106 Nov 10 j 00:00	3°♏34'51	
direct	-106 Nov 14 j 11:22	1°♏46'12	
morning max el	-106 Nov 23 j 14:53	7°♏09'48	21°56'19
	-106 Dec 11 j 03:20	0°♐	
desc. node	-106 Dec 11 j 20:45	1°♐03'51	
morning set	-106 Dec 26 j 03:58	23°♐01'33	
	-106 Dec 30 j 10:58	0°♑	
max. Earth dist.	-105 Jan 01 j 05:51	2°♑57'50	1.41349 AU
superior conj	-105 Jan 08 j 22:46	16°♑10'45	-2°01'46
minimum elong	-105 Jan 08 j 22:57	16°♑11'34	2°01'47
	-105 Jan 16 j 14:20	0°♒	
evening rise	-105 Jan 19 j 11:57	5°♒21'52	
asc. node	-105 Jan 29 j 02:41	22°♒27'44	
	-105 Feb 03 j 12:14	0°♓	
evening max el	-105 Feb 04 j 20:28	1°♓25'23	18°13'18
retrograde	-105 Feb 11 j 19:43	4°♓55'16	
evening set	-105 Feb 14 j 09:47	4°♓27'12	
	-105 Feb 20 j 23:28	30°℞♒	
inferior conj	-105 Feb 21 j 08:08	29°♒40'45	3°36'13
minimum elong	-105 Feb 21 j 10:32	29°♒35'25	3°35'56
min. Earth dist.	-105 Feb 24 j 16:34	26°♒42'52	0.60040 AU
morning rise	-105 Feb 28 j 09:12	23°♒59'30	
direct	-105 Mar 06 j 23:24	21°♒58'02	
desc. node	-105 Mar 09 j 19:55	22°♒19'45	
morning max el	-105 Mar 21 j 06:04	29°♒44'59	27°24'46
	-105 Mar 21 j 12:09	0°♓	
	-105 Apr 11 j 20:13	0°♈	
morning set	-105 Apr 21 j 16:16	18°♈56'45	
	-105 Apr 26 j 20:37	0°♉	
asc. node	-105 Apr 27 j 01:58	0°♉29'10	
max. Earth dist.	-105 Apr 28 j 04:04	2°♉51'46	1.32343 AU
superior conj	-105 Apr 28 j 20:04	4°♉19'27	0°18'29
minimum elong	-105 Apr 28 j 19:14	4°♉14'55	0°18'18
evening rise	-105 May 05 j 17:36	19°♉17'10	
	-105 May 11 j 00:13	0°♊	
	-105 May 30 j 11:33	0°♋	
evening max el	-105 Jun 02 j 11:55	3°♋07'04	25°44'57
desc. node	-105 Jun 05 j 19:09	5°♋58'12	
retrograde	-105 Jun 16 j 13:17	10°♋19'03	
evening set	-105 Jun 22 j 11:39	8°♋54'59	
min. Earth dist.	-105 Jun 27 j 00:18	6°♋14'05	0.58509 AU
inferior conj	-105 Jun 30 j 06:56	3°♋51'54	-4°44'22
minimum elong	-105 Jun 30 j 06:25	3°♋52'50	4°44'21
	-105 Jul 06 j 15:50	30°℞♊	
morning rise	-105 Jul 08 j 03:41	29°♊29'57	
direct	-105 Jul 10 j 16:05	29°♊09'33	
	-105 Jul 14 j 12:07	0°♋	
morning max el	-105 Jul 18 j 21:13	3°♋02'53	18°41'02
asc. node	-105 Jul 24 j 01:12	9°♋17'29	
morning set	-105 Aug 04 j 05:29	29°♋05'36	
	-105 Aug 04 j 16:40	0°♌	
superior conj	-105 Aug 12 j 23:07	15°♌57'04	1°44'08
minimum elong	-105 Aug 13 j 00:52	16°♌05'18	1°44'04
max. Earth dist.	-105 Aug 20 j 02:15	28°♌57'22	1.39518 AU
	-105 Aug 20 j 16:31	0°♍	
evening rise	-105 Aug 24 j 04:17	6°♍00'41	
desc. node	-105 Sep 01 j 18:29	19°♍58'50	
	-105 Sep 08 j 09:09	0°♎	
evening max el	-105 Sep 28 j 09:20	25°♎40'36	24°03'08
	-105 Oct 03 j 12:07	0°♏	
retrograde	-105 Oct 09 j 09:10	2°♏08'19	
evening set	-105 Oct 14 j 15:33	29°♎55'58	
	-105 Oct 14 j 13:39	30°℞♎	
min. Earth dist.	-105 Oct 19 j 10:26	24°♎22'58	0.67523 AU
inferior conj	-105 Oct 20 j 00:54	23°♎33'57	0°00'26
minimum elong	-105 Oct 20 j 00:54	23°♎33'59	0°00'26
transit middle	-105 Oct 20 j 00:54	23°♎33'59	0°00'26
transit begin	-105 Oct 19 j 22:10	23°♎43'13	
transit end	-105 Oct 20 j 03:37	23°♎24'46	
asc. node	-105 Oct 20 j 00:24	23°♎35'39	
morning rise	-105 Oct 25 j 10:12	17°♎27'34	
direct	-105 Oct 29 j 08:06	16°♎00'28	
morning max el	-105 Nov 06 j 10:10	20°♎42'07	20°38'26
	-105 Nov 14 j 02:04	0°♏	
desc. node	-105 Nov 28 j 17:47	21°♏20'59	
	-105 Dec 04 j 09:08	0°♐	
morning set	-105 Dec 05 j 05:20	1°♐18'19	
max. Earth dist.	-105 Dec 14 j 11:31	15°♐58'01	1.43144 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-105 Dec 20 j 23:52	26°♐40'23	-1°54'49	
minimum elong	-105 Dec 20 j 19:23	26°♐21'36	1°54'36	
	-105 Dec 22 j 23:22	0°♑		
evening rise	-104 Jan 02 j 03:18	17°♑37'08		
	-104 Jan 09 j 05:03	0°♒		
asc. node	-104 Jan 15 j 23:43	10°♒35'25		
evening max el	-104 Jan 19 j 08:11	14°♒33'47	18°08'11	
retrograde	-104 Jan 25 j 21:16	17°♒58'44		
evening set	-104 Jan 28 j 15:52	17°♒21'17		
inferior conj	-104 Feb 04 j 01:17	12°♒13'55	3°50'30	
minimum elong	-104 Feb 04 j 01:25	12°♒13'34	3°50'30	
min. Earth dist.	-104 Feb 06 j 23:00	9°♒17'25	0.62109 AU	
morning rise	-104 Feb 10 j 09:48	6°♒18'52		
direct	-104 Feb 17 j 09:14	3°♒46'34		
desc. node	-104 Feb 24 j 16:58	6°♒10'08		
morning max el	-104 Mar 02 j 10:07	11°♒38'14	27°47'06	
	-104 Mar 16 j 22:20	0°♓		
	-104 Apr 03 j 02:58	0°♈		
morning set	-104 Apr 04 j 19:45	3°♈25'12		
max. Earth dist.	-104 Apr 10 j 13:53	15°♈30'43	1.32643 AU	
superior conj	-104 Apr 12 j 06:07	19°♈08'28	-0°07'27	
minimum elong	-104 Apr 12 j 06:28	19°♈10'22	0°07'22	
behind sun begin	-104 Apr 12 j 01:53	18°♈45'29		
behind sun end	-104 Apr 12 j 11:03	19°♈35'16		
asc. node	-104 Apr 12 j 23:01	20°♈40'19		
	-104 Apr 17 j 06:04	0°♉		
evening rise	-104 Apr 19 j 05:15	4°♉12'05		
	-104 May 03 j 02:34	0°♊		
evening max el	-104 May 14 j 03:33	13°♊56'00	24°18'19	
desc. node	-104 May 22 j 16:09	19°♊50'13		
retrograde	-104 May 28 j 00:45	20°♊55'40		
evening set	-104 Jun 01 j 14:35	20°♊08'56		
min. Earth dist.	-104 Jun 07 j 14:54	17°♊10'04	0.56681 AU	
inferior conj	-104 Jun 10 j 06:24	15°♊29'56	-4°19'51	
minimum elong	-104 Jun 10 j 01:13	15°♊38'09	4°19'03	
morning rise	-104 Jun 18 j 14:40	11°♊26'56		
direct	-104 Jun 21 j 05:26	11°♊08'32		
morning max el	-104 Jun 30 j 18:41	15°♊34'33	19°35'49	
asc. node	-104 Jul 09 j 22:15	27°♊45'14		
	-104 Jul 11 j 05:30	0°♋		
morning set	-104 Jul 18 j 06:42	13°♋28'23		
superior conj	-104 Jul 26 j 06:49	29°♋32'37	1°47'05	
minimum elong	-104 Jul 26 j 06:35	29°♋31'30	1°47'06	
	-104 Jul 26 j 12:22	0°♌		
max. Earth dist.	-104 Aug 01 j 05:38	10°♌57'56	1.37536 AU	
evening rise	-104 Aug 05 j 01:04	17°♌54'37		
	-104 Aug 12 j 02:22	0°♍		
desc. node	-104 Aug 18 j 15:29	10°♍23'08		
	-104 Sep 01 j 16:00	0°♎		
evening max el	-104 Sep 09 j 20:59	9°♎16'45	25°19'08	
retrograde	-104 Sep 21 j 20:23	16°♎11'11		
evening set	-104 Sep 27 j 17:30	13°♎42'24		
min. Earth dist.	-104 Oct 02 j 04:08	8°♎44'37	0.67063 AU	
inferior conj	-104 Oct 03 j 05:20	7°♎22'45	-0°55'04	
minimum elong	-104 Oct 03 j 06:42	7°♎18'16	0°54'29	
asc. node	-104 Oct 05 j 21:27	4°♎04'35		
morning rise	-104 Oct 08 j 20:03	1°♎24'00		
direct	-104 Oct 12 j 06:25	0°♎15'52		
morning max el	-104 Oct 19 j 13:08	4°♎24'19	19°33'22	
	-104 Nov 06 j 22:38	0°♏		
morning set	-104 Nov 13 j 03:41	9°♏34'59		
desc. node	-104 Nov 14 j 14:47	11°♏51'09		
max. Earth dist.	-104 Nov 26 j 00:42	29°♏44'10	1.44414 AU	
	-104 Nov 26 j 04:41	0°♐		
superior conj	-104 Nov 29 j 22:05	5°♐56'16	-1°29'56	
minimum elong	-104 Nov 29 j 13:56	5°♐23'37	1°29'09	
evening rise	-104 Dec 13 j 22:48	28°♐58'25		
	-104 Dec 14 j 13:29	0°♑		
asc. node	-103 Jan 01 j 20:45	27°♑53'02		
evening max el	-103 Jan 01 j 20:42	27°♑52'54	18°21'58	
	-103 Jan 04 j 08:02	0°♒		
retrograde	-103 Jan 08 j 08:59	1°♒25'39		
evening set	-103 Jan 11 j 08:18	0°♒37'50		
	-103 Jan 12 j 09:02	30°℞♑		
inferior conj	-103 Jan 17 j 08:05	25°♑10'52	3°43'57	
minimum elong	-103 Jan 17 j 06:29	25°♑15'22	3°43'47	
min. Earth dist.	-103 Jan 19 j 14:52	22°♑35'36	0.63945 AU	
morning rise	-103 Jan 23 j 04:06	19°♑07'13		
direct	-103 Jan 30 j 02:40	16°♑18'05		
desc. node	-103 Feb 10 j 14:00	22°♑04'00		
morning max el	-103 Feb 12 j 18:18	24°♑07'42	27°32'58	
	-103 Feb 18 j 01:49	0°♒		
	-103 Mar 10 j 06:36	0°♓		
morning set	-103 Mar 19 j 15:55	17°♓27'32		
max. Earth dist.	-103 Mar 24 j 17:01	27°♓44'24	1.33347 AU	
	-103 Mar 25 j 18:51	0°♈		
superior conj	-103 Mar 27 j 12:46	3°♈42'21	-0°34'15	
minimum elong	-103 Mar 27 j 14:24	3°♈51'08	0°33'54	
asc. node	-103 Mar 30 j 20:03	10°♈47'26		
evening rise	-103 Apr 03 j 16:47	19°♈01'44		
	-103 Apr 09 j 02:57	0°♉		
evening max el	-103 Apr 25 j 18:52	24°♉30'00	22°42'54	
	-103 May 03 j 18:59	0°♊		
retrograde	-103 May 08 j 23:23	1°♊01'30		
desc. node	-103 May 09 j 13:11	1°♊00'46		
evening set	-103 May 12 j 03:58	0°♊39'11		
	-103 May 14 j 08:28	30°℞♉		
min. Earth dist.	-103 May 20 j 03:22	27°♉10'12	0.55415 AU	
inferior conj	-103 May 21 j 11:09	26°♉24'45	-3°10'28	
minimum elong	-103 May 21 j 03:56	26°♉35'06	3°08'28	
morning rise	-103 May 30 j 06:07	22°♉31'10		
direct	-103 Jun 02 j 01:00	22°♉13'07		
morning max el	-103 Jun 13 j 05:14	27°♉24'43	20°51'12	
	-103 Jun 15 j 17:44	0°♊		
asc. node	-103 Jun 26 j 19:17	16°♊47'57		
morning set	-103 Jul 02 j 13:28	28°♊09'12		
	-103 Jul 03 j 10:58	0°♋		
superior conj	-103 Jul 10 j 01:48	13°♋43'15	1°42'10	
minimum elong	-103 Jul 10 j 00:11	13°♋35'00	1°42'05	
max. Earth dist.	-103 Jul 14 j 14:10	22°♋48'11	1.35759 AU	
	-103 Jul 18 j 07:52	0°♌		
evening rise	-103 Jul 18 j 18:05	0°♌47'54		
	-103 Aug 05 j 04:25	0°♍		
desc. node	-103 Aug 05 j 12:29	0°♍29'53		
evening max el	-103 Aug 23 j 08:42	22°♍53'18	26°23'07	
	-103 Sep 03 j 23:10	0°♎		
retrograde	-103 Sep 05 j 02:42	0°♎04'33		
	-103 Sep 06 j 05:38	30°℞♍		
evening set	-103 Sep 11 j 13:54	27°♍23'21		
min. Earth dist.	-103 Sep 15 j 16:48	23°♍02'39	0.66262 AU	
inferior conj	-103 Sep 17 j 05:42	21°♍09'57	-1°51'09	
minimum elong	-103 Sep 17 j 08:31	21°♍01'20	1°50'03	
asc. node	-103 Sep 22 j 18:30	15°♍35'35		
morning rise	-103 Sep 23 j 03:31	15°♍21'56		
direct	-103 Sep 26 j 04:32	14°♍29'22		
morning max el	-103 Oct 02 j 22:51	18°♍14'38	18°43'35	
	-103 Oct 11 j 20:44	0°♎		
morning set	-103 Oct 23 j 22:13	18°♎57'03		
	-103 Oct 30 j 21:37	0°♏		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-103 Nov 01 j 11:48	2°♏30'35	
superior conj	-103 Nov 09 j 01:02	14°♏23'26	-0°48'10
minimum elong	-103 Nov 08 j 18:54	13°♏59'19	0°47'24
max. Earth dist.	-103 Nov 08 j 18:37	13°♏58'12	1.45001 AU
	-103 Nov 18 j 22:18	0°♐	
evening rise	-103 Nov 24 j 19:07	9°♐21'35	
	-103 Dec 07 j 19:28	0°♑	
evening max el	-103 Dec 16 j 07:30	11°♑17'52	18°53'41
asc. node	-103 Dec 19 j 17:47	14°♑07'09	
retrograde	-103 Dec 23 j 02:58	15°♑09'01	
evening set	-103 Dec 26 j 07:59	14°♑09'44	
inferior conj	-102 Jan 01 j 00:53	8°♑25'32	3°22'24
minimum elong	-103 Dec 31 j 22:21	8°♑33'24	3°21'54
min. Earth dist.	-102 Jan 02 j 16:23	6°♑23'21	0.65426 AU
morning rise	-102 Jan 06 j 12:24	2°♑16'16	
	-102 Jan 10 j 01:55	30°℞♐	
direct	-102 Jan 13 j 02:46	29°♐24'57	
	-102 Jan 16 j 08:13	0°♑	
morning max el	-102 Jan 26 j 04:08	7°♑03'27	26°46'52
desc. node	-102 Jan 28 j 11:03	9°♑27'40	
	-102 Feb 12 j 23:04	0°♒	
	-102 Mar 02 j 14:10	0°♓	
morning set	-102 Mar 03 j 01:25	0°♓53'32	
max. Earth dist.	-102 Mar 07 j 09:52	9°♓24'14	1.34488 AU
superior conj	-102 Mar 11 j 13:52	17°♓54'40	-1°00'47
minimum elong	-102 Mar 11 j 16:45	18°♓09'35	1°00'15
	-102 Mar 17 j 08:13	0°♈	
asc. node	-102 Mar 17 j 17:05	0°♈46'29	
evening rise	-102 Mar 19 j 02:21	3°♈39'52	
	-102 Apr 03 j 00:57	0°♉	
evening max el	-102 Apr 07 j 16:57	5°♉19'25	21°12'58
retrograde	-102 Apr 19 j 13:35	11°♉04'50	
evening set	-102 Apr 21 j 21:10	10°♉52'24	
desc. node	-102 Apr 26 j 10:14	9°♉24'20	
inferior conj	-102 May 01 j 05:44	6°♉52'57	-1°22'20
minimum elong	-102 May 01 j 01:52	6°♉58'24	1°20'58
min. Earth dist.	-102 May 01 j 16:12	6°♉38'13	0.54995 AU
morning rise	-102 May 10 j 06:45	2°♉50'52	
direct	-102 May 13 j 11:13	2°♉28'52	
morning max el	-102 May 26 j 05:13	8°♉33'13	22°23'29
	-102 Jun 10 j 09:53	0°♊	
asc. node	-102 Jun 13 j 16:20	6°♊16'44	
morning set	-102 Jun 16 j 23:38	13°♊01'32	
superior conj	-102 Jun 24 j 04:32	28°♊17'57	1°31'06
minimum elong	-102 Jun 24 j 02:11	28°♊05'34	1°30'51
	-102 Jun 24 j 23:53	0°♋	
max. Earth dist.	-102 Jun 27 j 07:29	4°♋49'41	1.34328 AU
evening rise	-102 Jul 02 j 02:23	14°♋27'00	
	-102 Jul 10 j 12:56	0°♌	
desc. node	-102 Jul 23 j 09:32	20°♌10'41	
	-102 Jul 30 j 23:00	0°♍	
evening max el	-102 Aug 05 j 20:29	6°♍21'12	27°07'30
retrograde	-102 Aug 19 j 03:46	13°♍40'20	
evening set	-102 Aug 26 j 02:18	10°♍54'21	
min. Earth dist.	-102 Aug 29 j 22:12	7°♍10'41	0.65098 AU
inferior conj	-102 Aug 31 j 23:51	4°♍50'51	-2°45'49
minimum elong	-102 Sep 01 j 03:55	4°♍39'21	2°44'25
	-102 Sep 06 j 00:41	30°℞♌	
morning rise	-102 Sep 07 j 06:16	29°♌16'39	
asc. node	-102 Sep 09 j 15:33	28°♌36'47	
direct	-102 Sep 10 j 00:16	28°♌36'04	
	-102 Sep 14 j 00:46	0°♍	
morning max el	-102 Sep 16 j 12:58	2°♍07'24	18°10'17
morning set	-102 Oct 04 j 21:21	29°♍43'37	
	-102 Oct 05 j 01:18	0°♎	
superior conj	-102 Oct 19 j 04:46	22°♎59'13	0°01'08
minimum elong	-102 Oct 19 j 04:54	22°♎59'46	0°01'07
behind sun begin	-102 Oct 18 j 18:03	22°♎16'34	
behind sun end	-102 Oct 19 j 15:45	23°♎42'54	
desc. node	-102 Oct 19 j 08:50	23°♎15'26	
max. Earth dist.	-102 Oct 22 j 13:20	28°♎18'14	1.44848 AU
	-102 Oct 23 j 15:10	0°♏	
evening rise	-102 Nov 04 j 16:38	18°♏49'42	
	-102 Nov 11 j 21:55	0°♐	
greatest brilliancy	-102 Nov 17 j 08:26	8°♐17'35	-0.7m
evening max el	-102 Nov 29 j 14:25	24°♐45'02	19°41'55
asc. node	-102 Dec 06 j 14:50	29°♐02'35	
retrograde	-102 Dec 07 j 00:01	29°♐03'25	
evening set	-102 Dec 10 j 12:21	27°♐51'06	
inferior conj	-102 Dec 16 j 00:39	21°♐52'33	2°49'57
minimum elong	-102 Dec 15 j 21:50	22°♐01'47	2°49'10
min. Earth dist.	-102 Dec 17 j 02:09	20°♐28'37	0.66520 AU
morning rise	-102 Dec 21 j 07:06	15°♐40'02	
direct	-102 Dec 27 j 08:53	12°♐58'24	
morning max el	-101 Jan 08 j 13:19	20°♐12'38	25°36'54
desc. node	-101 Jan 15 j 08:05	27°♐54'48	
	-101 Jan 16 j 23:37	0°♑	
	-101 Feb 06 j 02:31	0°♒	
morning set	-101 Feb 13 j 19:47	13°♒30'00	
max. Earth dist.	-101 Feb 17 j 14:42	20°♒33'09	1.36074 AU
	-101 Feb 22 j 11:14	0°♓	
superior conj	-101 Feb 23 j 06:50	1°♓37'45	-1°25'25
minimum elong	-101 Feb 23 j 10:33	1°♓56'24	1°24'53
evening rise	-101 Mar 03 j 07:54	18°♓00'01	
asc. node	-101 Mar 04 j 14:09	20°♓32'57	
	-101 Mar 09 j 11:14	0°♈	
evening max el	-101 Mar 21 j 02:01	16°♈44'04	19°57'53
retrograde	-101 Mar 31 j 05:43	21°♈36'20	
evening set	-101 Apr 02 j 08:14	21°♈24'42	
inferior conj	-101 Apr 11 j 04:26	17°♈24'30	0°36'03
minimum elong	-101 Apr 11 j 06:01	17°♈22'05	0°35'29
desc. node	-101 Apr 13 j 07:17	16°♈07'18	
min. Earth dist.	-101 Apr 13 j 06:26	16°♈08'34	0.55531 AU
morning rise	-101 Apr 20 j 01:38	12°♈55'46	
direct	-101 Apr 24 j 02:13	12°♈20'03	
morning max el	-101 May 07 j 21:51	19°♈11'41	24°04'12
	-101 May 16 j 22:20	0°♉	
asc. node	-101 May 31 j 13:24	26°♉04'45	
morning set	-101 Jun 01 j 11:27	28°♉00'07	
	-101 Jun 02 j 10:08	0°♊	
superior conj	-101 Jun 08 j 12:22	13°♊08'30	1°15'12
minimum elong	-101 Jun 08 j 09:52	12°♊55'04	1°14'49
max. Earth dist.	-101 Jun 10 j 10:00	17°♊13'46	1.33291 AU
evening rise	-101 Jun 15 j 21:48	28°♊40'10	
	-101 Jun 16 j 13:42	0°♋	
	-101 Jul 03 j 16:31	0°♌	
desc. node	-101 Jul 10 j 06:35	9°♌14'37	
evening max el	-101 Jul 19 j 07:09	19°♌29'58	27°25'22
retrograde	-101 Aug 01 j 23:04	26°♌49'55	
evening set	-101 Aug 09 j 03:36	24°♌10'31	
min. Earth dist.	-101 Aug 12 j 18:28	21°♌00'04	0.63574 AU
inferior conj	-101 Aug 15 j 09:14	18°♌20'17	-3°36'02
minimum elong	-101 Aug 15 j 13:59	18°♌08'10	3°34'44
morning rise	-101 Aug 22 j 01:27	13°♌03'00	
direct	-101 Aug 24 j 14:57	12°♌31'01	
asc. node	-101 Aug 27 j 12:36	13°♌12'37	
morning max el	-101 Aug 31 j 04:45	15°♌56'41	17°54'23
	-101 Sep 10 j 02:36	0°♍	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-101 Sep 16 j 22:14	11°♍44'33	
	-101 Sep 27 j 14:53	0°♎	
superior conj	-101 Sep 29 j 04:54	2°♎37'28	0°45'39
minimum elong	-101 Sep 29 j 09:19	2°♎55'42	0°45'04
max. Earth dist.	-101 Oct 05 j 05:53	12°♎26'34	1.43991 AU
desc. node	-101 Oct 06 j 05:53	14°♎02'25	
evening rise	-101 Oct 15 j 00:24	27°♎46'58	
	-101 Oct 16 j 10:58	0°♏	
	-101 Nov 05 j 20:52	0°♐	
evening max el	-101 Nov 12 j 16:07	8°♐13'28	20°44'22
retrograde	-101 Nov 20 j 21:39	13°♐05'34	
asc. node	-101 Nov 23 j 11:52	12°♐27'25	
evening set	-101 Nov 24 j 19:20	11°♐38'16	
inferior conj	-101 Nov 30 j 04:51	5°♐28'40	2°09'23
minimum elong	-101 Nov 30 j 02:20	5°♐37'16	2°08'31
min. Earth dist.	-101 Nov 30 j 17:58	4°♐43'56	0.67241 AU
	-101 Dec 04 j 14:17	30°℞♏	
morning rise	-101 Dec 05 j 09:09	29°♏15'02	
direct	-101 Dec 10 j 20:13	26°♏51'12	
	-101 Dec 18 j 01:48	0°♐	
morning max el	-101 Dec 21 j 21:39	3°♐27'09	24°12'56
desc. node	-100 Jan 02 j 05:08	17°♐07'08	
	-100 Jan 11 j 05:19	0°♑	
morning set	-100 Jan 26 j 17:05	25°♑00'09	
	-100 Jan 29 j 13:20	0°♒	
max. Earth dist.	-100 Jan 30 j 10:51	1°♒36'14	1.38039 AU
superior conj	-100 Feb 06 j 12:10	14°♒42'11	-1°45'54
minimum elong	-100 Feb 06 j 15:52	14°♒59'52	1°45'34
	-100 Feb 14 j 07:43	0°♓	
evening rise	-100 Feb 15 j 07:00	1°♓54'59	
asc. node	-100 Feb 19 j 11:13	10°♓00'59	
evening max el	-100 Mar 02 j 21:58	28°♓46'25	19°01'32
	-100 Mar 04 j 07:09	0°♈	
retrograde	-100 Mar 11 j 11:21	2°♈53'54	
evening set	-100 Mar 13 j 17:35	2°♈37'51	
	-100 Mar 19 j 10:08	30°℞♓	
inferior conj	-100 Mar 21 j 19:10	28°♓23'40	2°13'17
minimum elong	-100 Mar 21 j 23:28	28°♓16'08	2°12'04
min. Earth dist.	-100 Mar 24 j 22:13	26°♓13'23	0.56913 AU
morning rise	-100 Mar 30 j 02:20	23°♓22'08	
desc. node	-100 Mar 30 j 04:19	23°♓20'10	
direct	-100 Apr 04 j 06:07	22°♓19'09	
morning max el	-100 Apr 18 j 12:34	29°♓42'07	25°39'59
	-100 Apr 18 j 19:56	0°♈	
	-100 May 09 j 11:49	0°♉	
morning set	-100 May 15 j 23:13	12°♉58'00	
asc. node	-100 May 17 j 10:28	16°♉05'09	
superior conj	-100 May 22 j 23:02	28°♉06'13	0°55'26
minimum elong	-100 May 22 j 20:54	27°♉54'30	0°55'02
	-100 May 23 j 19:52	0°♊	
max. Earth dist.	-100 May 23 j 19:19	29°♉57'04	1.32636 AU
evening rise	-100 May 30 j 00:51	13°♊15'24	
	-100 Jun 07 j 16:20	0°♋	
desc. node	-100 Jun 26 j 03:37	27°♋25'15	
	-100 Jun 28 j 11:53	0°♌	
evening max el	-100 Jun 30 j 14:21	2°♌06'11	27°11'44
retrograde	-100 Jul 14 j 11:31	9°♌23'18	
evening set	-100 Jul 21 j 13:47	7°♌04'05	
min. Earth dist.	-100 Jul 25 j 04:30	4°♌17'36	0.61731 AU
inferior conj	-100 Jul 28 j 06:43	1°♌30'18	-4°17'09
minimum elong	-100 Jul 28 j 10:57	1°♌20'43	4°16'25
	-100 Jul 29 j 23:32	30°℞♋	
morning rise	-100 Aug 04 j 09:37	26°♋32'58	
direct	-100 Aug 06 j 21:09	26°♋06'49	
asc. node	-100 Aug 13 j 09:39	29°♋12'19	
morning max el	-100 Aug 13 j 19:13	29°♋35'04	17°56'55
	-100 Aug 14 j 05:11	0°♌	
morning set	-100 Aug 29 j 18:47	24°♌41'59	
	-100 Sep 01 j 16:41	0°♍	
superior conj	-100 Sep 09 j 08:23	13°♍36'27	1°18'20
minimum elong	-100 Sep 09 j 13:10	13°♍57'12	1°17'49
max. Earth dist.	-100 Sep 16 j 18:17	26°♍08'03	1.42538 AU
	-100 Sep 19 j 03:06	0°♎	
desc. node	-100 Sep 22 j 02:55	4°♎48'11	
evening rise	-100 Sep 23 j 11:37	6°♎57'36	
	-100 Oct 08 j 17:40	0°♏	
evening max el	-100 Oct 25 j 12:06	21°♏42'55	21°57'42
retrograde	-100 Nov 03 j 17:59	27°♏12'44	
evening set	-100 Nov 08 j 03:05	25°♏28'30	
asc. node	-100 Nov 09 j 08:54	24°♏20'30	
inferior conj	-100 Nov 13 j 11:26	19°♏11'14	1°22'42
minimum elong	-100 Nov 13 j 09:38	19°♏17'26	1°21'59
min. Earth dist.	-100 Nov 13 j 13:21	19°♏04'34	0.67609 AU
morning rise	-100 Nov 18 j 16:01	12°♏58'43	
direct	-100 Nov 23 j 11:56	10°♏56'50	
morning max el	-100 Dec 03 j 07:40	16°♏46'29	22°45'10
	-100 Dec 14 j 04:21	0°♐	
desc. node	-100 Dec 19 j 02:10	6°♐51'48	
	-99 Jan 03 j 07:12	0°♑	
morning set	-99 Jan 06 j 11:15	5°♑09'15	
max. Earth dist.	-99 Jan 11 j 06:38	13°♑13'05	1.40170 AU
superior conj	-99 Jan 19 j 01:26	26°♑56'57	-1°59'05
minimum elong	-99 Jan 19 j 03:31	27°♑06'25	1°59'01
	-99 Jan 20 j 17:27	0°♒	
evening rise	-99 Jan 28 j 20:45	15°♒18'09	
asc. node	-99 Feb 05 j 08:15	29°♒04'35	
	-99 Feb 05 j 21:12	0°♓	
evening max el	-99 Feb 14 j 02:25	11°♓21'05	18°25'07
retrograde	-99 Feb 21 j 12:04	14°♓59'58	
evening set	-99 Feb 23 j 23:32	14°♓36'38	
inferior conj	-99 Mar 03 j 06:53	10°♓02'07	3°15'36
minimum elong	-99 Mar 03 j 10:29	9°♓54'45	3°14'57
min. Earth dist.	-99 Mar 06 j 17:18	7°♓15'02	0.58837 AU
morning rise	-99 Mar 10 j 18:57	4°♓32'57	
direct	-99 Mar 16 j 23:08	2°♓53'18	
desc. node	-99 Mar 17 j 01:21	2°♓53'20	
morning max el	-99 Mar 31 j 07:02	10°♓33'13	26°55'30
	-99 Apr 15 j 07:09	0°♈	
morning set	-99 Apr 30 j 09:15	27°♈49'36	
	-99 May 01 j 10:02	0°♉	
asc. node	-99 May 04 j 07:32	6°♉13'07	
superior conj	-99 May 07 j 10:47	13°♉04'54	0°32'40
minimum elong	-99 May 07 j 09:23	12°♉57'13	0°32'22
max. Earth dist.	-99 May 07 j 07:57	12°♉49'20	1.32350 AU
evening rise	-99 May 14 j 08:53	28°♉03'54	
	-99 May 15 j 07:07	0°♊	
	-99 Jun 01 j 04:00	0°♋	
evening max el	-99 Jun 12 j 15:29	13°♋58'54	26°25'07
desc. node	-99 Jun 13 j 00:37	14°♋20'25	
retrograde	-99 Jun 26 j 15:40	21°♋12'43	
evening set	-99 Jul 03 j 04:16	19°♋26'14	
min. Earth dist.	-99 Jul 07 j 04:34	16°♋48'44	0.59691 AU
inferior conj	-99 Jul 10 j 12:42	14°♋11'32	-4°41'48
minimum elong	-99 Jul 10 j 14:32	14°♋07'56	4°41'42
morning rise	-99 Jul 18 j 02:51	9°♋36'37	
direct	-99 Jul 20 j 14:40	9°♋14'21	
morning max el	-99 Jul 28 j 05:25	12°♋54'48	18°19'04
asc. node	-99 Jul 31 j 06:43	16°♋20'54	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-99 Aug 08 j 18:42	0°♌	
morning set	-99 Aug 13 j 05:34	8°♌21'00	
superior conj	-99 Aug 22 j 12:33	25°♌48'56	1°38'02
minimum elong	-99 Aug 22 j 15:34	26°♌02'43	1°37'50
	-99 Aug 24 j 19:59	0°♍	
max. Earth dist.	-99 Aug 30 j 01:25	9°♍09'51	1.40678 AU
evening rise	-99 Sep 03 j 17:51	17°♍01'43	
desc. node	-99 Sep 08 j 23:55	25°♍29'04	
	-99 Sep 11 j 21:30	0°♎	
	-99 Oct 03 j 09:40	0°♏	
evening max el	-99 Oct 08 j 03:06	5°♏13'39	23°17'05
retrograde	-99 Oct 18 j 11:34	11°♏21'19	
evening set	-99 Oct 23 j 09:55	9°♏19'00	
asc. node	-99 Oct 27 j 05:56	5°♏01'53	
inferior conj	-99 Oct 28 j 18:31	2°♏57'37	0°31'26
minimum elong	-99 Oct 28 j 17:46	3°♏00'10	0°31'07
min. Earth dist.	-99 Oct 28 j 09:55	3°♏27'06	0.67649 AU
	-99 Oct 30 j 23:56	30°℞♎	
morning rise	-99 Nov 03 j 01:33	26°♎48'30	
direct	-99 Nov 07 j 07:01	25°♎09'18	
	-99 Nov 15 j 17:30	0°♏	
morning max el	-99 Nov 15 j 22:55	0°♏13'34	21°21'52
desc. node	-99 Dec 05 j 23:10	26°♏58'56	
	-99 Dec 07 j 23:28	0°♐	
morning set	-99 Dec 17 j 00:43	13°♐57'20	
max. Earth dist.	-99 Dec 24 j 08:26	25°♐44'19	1.42169 AU
	-99 Dec 26 j 22:09	0°♑	
superior conj	-99 Dec 31 j 17:07	8°♑07'39	-2°00'50
minimum elong	-99 Dec 31 j 15:27	8°♑00'31	2°00'47
evening rise	-98 Jan 11 j 21:27	28°♑00'31	
	-98 Jan 12 j 23:46	0°♒	
asc. node	-98 Jan 23 j 05:16	17°♒35'15	
evening max el	-98 Jan 28 j 12:15	24°♒18'53	18°08'42
retrograde	-98 Feb 04 j 05:56	27°♒45'12	
evening set	-98 Feb 06 j 21:58	27°♒13'12	
inferior conj	-98 Feb 13 j 14:20	22°♒17'23	3°45'17
minimum elong	-98 Feb 13 j 15:44	22°♒14'02	3°45'11
min. Earth dist.	-98 Feb 16 j 18:52	19°♒17'28	0.60937 AU
morning rise	-98 Feb 20 j 07:53	16°♒29'19	
direct	-98 Feb 27 j 03:11	14°♒13'42	
desc. node	-98 Mar 03 j 22:23	15°♒15'22	
morning max el	-98 Mar 13 j 07:54	22°♒02'58	27°38'57
	-98 Mar 20 j 07:55	0°♓	
	-98 Apr 08 j 07:39	0°♈	
morning set	-98 Apr 14 j 15:44	12°♈28'32	
max. Earth dist.	-98 Apr 20 j 20:01	25°♈37'27	1.32424 AU
asc. node	-98 Apr 21 j 04:35	26°♈24'11	
superior conj	-98 Apr 21 j 21:54	27°♈58'48	0°07'39
minimum elong	-98 Apr 21 j 21:33	27°♈56'54	0°07'35
behind sun begin	-98 Apr 21 j 17:05	27°♈32'27	
behind sun end	-98 Apr 22 j 02:02	28°♈21'21	
	-98 Apr 22 j 20:03	0°♉	
evening rise	-98 Apr 28 j 19:45	12°♉58'11	
	-98 May 07 j 10:57	0°♊	
evening max el	-98 May 25 j 09:41	25°♊06'48	25°10'04
desc. node	-98 May 30 j 21:38	29°♊29'56	
	-98 May 31 j 17:42	0°♋	
retrograde	-98 Jun 08 j 10:04	2°♋15'09	
evening set	-98 Jun 13 j 19:49	1°♋07'35	
	-98 Jun 16 j 04:10	30°℞♊	
min. Earth dist.	-98 Jun 18 j 21:20	28°♊21'01	0.57682 AU
inferior conj	-98 Jun 21 j 23:49	26°♊14'26	-4°39'00
minimum elong	-98 Jun 21 j 21:18	26°♊18'46	4°38'49
morning rise	-98 Jun 30 j 01:31	22°♊01'40	
direct	-98 Jul 02 j 14:57	21°♊42'12	
morning max el	-98 Jul 11 j 08:24	25°♊47'16	19°01'52
	-98 Jul 15 j 02:19	0°♋	
asc. node	-98 Jul 18 j 03:47	4°♋23'42	
morning set	-98 Jul 28 j 02:28	22°♋30'42	
	-98 Jul 31 j 21:18	0°♌	
superior conj	-98 Aug 05 j 11:50	8°♌59'31	1°46'28
minimum elong	-98 Aug 05 j 12:41	9°♌03'36	1°46'28
max. Earth dist.	-98 Aug 12 j 04:42	21°♌29'00	1.38657 AU
evening rise	-98 Aug 16 j 00:59	28°♌16'39	
	-98 Aug 17 j 00:59	0°♍	
desc. node	-98 Aug 26 j 20:57	16°♍01'22	
	-98 Sep 05 j 08:18	0°♎	
evening max el	-98 Sep 20 j 15:11	18°♎47'49	24°36'18
retrograde	-98 Oct 02 j 01:30	25°♎28'22	
evening set	-98 Oct 07 j 14:12	23°♎08'24	
min. Earth dist.	-98 Oct 12 j 05:22	17°♎50'21	0.67371 AU
inferior conj	-98 Oct 13 j 00:26	16°♎46'46	-0°22'55
minimum elong	-98 Oct 13 j 01:00	16°♎44'53	0°22'41
asc. node	-98 Oct 14 j 02:58	15°♎19'11	
morning rise	-98 Oct 18 j 11:51	10°♎43'30	
direct	-98 Oct 22 j 04:31	9°♎25'04	
morning max el	-98 Oct 29 j 21:39	13°♎51'24	20°08'59
	-98 Nov 11 j 07:05	0°♏	
desc. node	-98 Nov 22 j 20:12	17°♏22'30	
morning set	-98 Nov 25 j 21:37	22°♏05'15	
	-98 Nov 30 j 23:34	0°♐	
max. Earth dist.	-98 Dec 06 j 17:34	9°♐06'23	1.43762 AU
superior conj	-98 Dec 12 j 06:35	18°♐04'48	-1°46'33
minimum elong	-98 Dec 12 j 00:07	17°♐38'18	1°46'05
	-98 Dec 19 j 10:12	0°♑	
evening rise	-98 Dec 25 j 04:53	9°♑53'59	
	-97 Jan 06 j 04:39	0°♒	
asc. node	-97 Jan 10 j 02:17	5°♒23'09	
evening max el	-97 Jan 12 j 00:33	7°♒32'11	18°11'45
retrograde	-97 Jan 18 j 12:26	10°♒59'26	
evening set	-97 Jan 21 j 08:51	10°♒17'49	
inferior conj	-97 Jan 27 j 13:47	5°♒01'50	3°49'52
minimum elong	-97 Jan 27 j 13:06	5°♒03'40	3°49'50
min. Earth dist.	-97 Jan 30 j 05:23	2°♒12'12	0.62926 AU
	-97 Feb 01 j 12:22	30°℞♑	
morning rise	-97 Feb 02 j 16:26	29°♑02'17	
direct	-97 Feb 09 j 16:24	26°♑20'56	
desc. node	-97 Feb 18 j 19:24	0°♒02'34	
	-97 Feb 18 j 18:01	0°♒	
morning max el	-97 Feb 23 j 14:16	4°♒13'30	27°45'24
	-97 Mar 14 j 22:09	0°♓	
morning set	-97 Mar 29 j 16:27	26°♓47'11	
	-97 Mar 31 j 06:24	0°♈	
max. Earth dist.	-97 Apr 04 j 03:27	8°♈07'02	1.32885 AU
superior conj	-97 Apr 06 j 06:44	12°♈42'04	-0°18'48
minimum elong	-97 Apr 06 j 07:37	12°♈46'54	0°18'35
asc. node	-97 Apr 08 j 01:37	16°♈34'05	
evening rise	-97 Apr 13 j 07:33	27°♈51'25	
	-97 Apr 14 j 08:02	0°♉	
	-97 May 01 j 20:27	0°♊	
evening max el	-97 May 07 j 00:10	5°♊45'14	23°37'55
desc. node	-97 May 17 j 18:40	12°♊16'55	
retrograde	-97 May 20 j 16:32	12°♊36'14	
evening set	-97 May 24 j 15:18	12°♊01'51	
min. Earth dist.	-97 May 31 j 10:47	8°♊51'26	0.56043 AU
inferior conj	-97 Jun 02 j 14:47	7°♊33'16	-3°56'07
minimum elong	-97 Jun 02 j 08:10	7°♊43'16	3°54'44
morning rise	-97 Jun 11 j 03:52	3°♊36'09	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	-97 Jun 13 j 19:44	3°♊18'24	
morning max el	-97 Jun 24 j 01:29	8°♊02'34	20°05'37
asc. node	-97 Jul 05 j 00:50	23°♊07'34	
	-97 Jul 08 j 17:33	0°♋	
morning set	-97 Jul 12 j 06:20	7°♋01'55	
superior conj	-97 Jul 20 j 00:52	22°♋51'50	1°45'52
minimum elong	-97 Jul 19 j 23:58	22°♋47'20	1°45'50
	-97 Jul 23 j 15:32	0°♌	
max. Earth dist.	-97 Jul 25 j 09:10	3°♌20'18	1.36736 AU
evening rise	-97 Jul 29 j 07:00	10°♌37'41	
	-97 Aug 09 j 16:02	0°♍	
desc. node	-97 Aug 13 j 17:59	6°♍19'18	
	-97 Aug 31 j 18:09	0°♎	
evening max el	-97 Sep 03 j 02:37	2°♎24'36	25°48'14
retrograde	-97 Sep 15 j 10:55	9°♎28'19	
evening set	-97 Sep 21 j 14:06	6°♎53'31	
min. Earth dist.	-97 Sep 25 j 21:19	2°♎11'13	0.66762 AU
inferior conj	-97 Sep 27 j 03:24	0°♎35'44	-1°18'53
minimum elong	-97 Sep 27 j 05:23	0°♎29'23	1°18'03
	-97 Sep 27 j 14:40	30°℞♍	
asc. node	-97 Oct 01 j 00:00	26°♍09'30	
morning rise	-97 Oct 02 j 20:56	24°♍41'06	
direct	-97 Oct 06 j 02:56	23°♍40'11	
morning max el	-97 Oct 13 j 03:45	27°♍38'01	19°10'11
	-97 Oct 15 j 07:12	0°♎	
	-97 Nov 04 j 15:05	0°♏	
morning set	-97 Nov 05 j 02:27	0°♏44'21	
desc. node	-97 Nov 09 j 17:15	7°♏57'28	
max. Earth dist.	-97 Nov 19 j 08:33	23°♏04'52	1.44751 AU
superior conj	-97 Nov 21 j 18:59	26°♏55'43	-1°13'55
minimum elong	-97 Nov 21 j 10:52	26°♏23'34	1°13'01
	-97 Nov 23 j 17:25	0°♐	
evening rise	-97 Dec 06 j 14:51	20°♐51'13	
	-97 Dec 12 j 04:13	0°♑	
evening max el	-97 Dec 26 j 12:39	20°♑54'58	18°33'23
asc. node	-97 Dec 27 j 23:18	22°♑16'03	
retrograde	-96 Jan 02 j 03:12	24°♑34'24	
evening set	-96 Jan 05 j 04:43	23°♑42'03	
inferior conj	-96 Jan 11 j 01:17	18°♑07'43	3°36'20
minimum elong	-96 Jan 10 j 23:13	18°♑13'53	3°36'02
min. Earth dist.	-96 Jan 13 j 01:37	15°♑45'09	0.64622 AU
morning rise	-96 Jan 16 j 17:14	12°♑01'18	
direct	-96 Jan 23 j 13:07	9°♑09'10	
desc. node	-96 Feb 05 j 16:27	16°♑38'46	
morning max el	-96 Feb 05 j 23:26	16°♑56'08	27°16'46
	-96 Feb 16 j 21:02	0°♒	
	-96 Mar 06 j 17:21	0°♓	
morning set	-96 Mar 12 j 08:36	10°♓36'21	
max. Earth dist.	-96 Mar 17 j 02:23	20°♓06'26	1.33771 AU
superior conj	-96 Mar 20 j 11:21	27°♓08'31	-0°45'37
minimum elong	-96 Mar 20 j 13:33	27°♓20'05	0°45'11
	-96 Mar 21 j 19:45	0°♈	
asc. node	-96 Mar 24 j 22:40	6°♈38'52	
evening rise	-96 Mar 27 j 18:30	12°♈37'28	
	-96 Apr 05 j 17:18	0°♉	
evening max el	-96 Apr 17 j 17:47	16°♉23'42	22°03'25
retrograde	-96 Apr 30 j 10:43	22°♉37'11	
evening set	-96 May 03 j 04:05	22°♉20'44	
desc. node	-96 May 03 j 15:40	22°♉14'31	
min. Earth dist.	-96 May 11 j 23:40	18°♉34'41	0.55118 AU
inferior conj	-96 May 12 j 13:51	18°♉14'44	-2°28'09
minimum elong	-96 May 12 j 07:27	18°♉23'44	2°26'06
morning rise	-96 May 21 j 12:12	14°♉19'30	
direct	-96 May 24 j 10:03	14°♉00'32	

morning max el	-96 Jun 05 j 07:24	19°♉35'05	21°28'42
	-96 Jun 13 j 18:27	0°♊	
asc. node	-96 Jun 20 j 21:55	12°♊22'40	
morning set	-96 Jun 25 j 14:47	21°♊48'18	
	-96 Jun 29 j 12:43	0°♋	
superior conj	-96 Jul 02 j 23:31	7°♋13'51	1°38'09
minimum elong	-96 Jul 02 j 21:31	7°♋03'28	1°37'59
max. Earth dist.	-96 Jul 06 j 20:59	15°♋12'18	1.35106 AU
evening rise	-96 Jul 11 j 07:08	23°♋52'26	
	-96 Jul 14 j 13:51	0°♌	
desc. node	-96 Jul 30 j 15:01	26°♌16'02	
	-96 Aug 02 j 06:08	0°♍	
evening max el	-96 Aug 15 j 14:36	15°♍59'12	26°44'54
retrograde	-96 Aug 28 j 15:08	23°♍14'47	
evening set	-96 Sep 04 j 07:25	20°♍30'45	
min. Earth dist.	-96 Sep 08 j 07:19	16°♍25'38	0.65808 AU
inferior conj	-96 Sep 10 j 01:25	14°♍20'59	-2°14'41
minimum elong	-96 Sep 10 j 04:49	14°♍10'56	2°13'24
morning rise	-96 Sep 16 j 02:42	8°♍38'08	
asc. node	-96 Sep 16 j 21:04	8°♍16'40	
direct	-96 Sep 19 j 00:26	7°♍51'03	
morning max el	-96 Sep 25 j 15:33	11°♍29'34	18°27'17
	-96 Oct 08 j 17:45	0°♎	
morning set	-96 Oct 15 j 09:01	10°♎42'29	
desc. node	-96 Oct 26 j 14:18	28°♎39'40	
	-96 Oct 27 j 10:36	0°♏	
superior conj	-96 Oct 30 j 19:27	5°♏18'56	-0°27'26
minimum elong	-96 Oct 30 j 15:51	5°♏04'43	0°26'57
max. Earth dist.	-96 Nov 01 j 03:05	7°♏23'22	1.45029 AU
	-96 Nov 15 j 12:25	0°♐	
evening rise	-96 Nov 16 j 00:59	0°♐49'32	
greatest brilliancy	-96 Nov 25 j 22:41	16°♐23'52	-0.8m
	-96 Dec 05 j 05:28	0°♑	
evening max el	-96 Dec 08 j 22:08	4°♑21'55	19°12'21
asc. node	-96 Dec 13 j 20:21	7°♑58'56	
retrograde	-96 Dec 15 j 22:42	8°♑23'16	
evening set	-96 Dec 19 j 06:41	7°♑18'38	
inferior conj	-96 Dec 24 j 21:24	1°♑28'12	3°09'45
minimum elong	-96 Dec 24 j 18:40	1°♑36'54	3°09'07
	-96 Dec 26 j 01:04	30°℞♐	
min. Earth dist.	-96 Dec 26 j 06:47	29°♐41'55	0.65944 AU
morning rise	-96 Dec 30 j 06:23	25°♐17'33	
direct	-95 Jan 05 j 15:58	22°♐28'56	
	-95 Jan 18 j 09:36	0°♑	
morning max el	-95 Jan 18 j 08:55	29°♐58'18	26°19'24
desc. node	-95 Jan 22 j 13:30	4°♑32'11	
	-95 Feb 09 j 19:08	0°♒	
morning set	-95 Feb 23 j 12:16	23°♒42'59	
	-95 Feb 26 j 19:17	0°♓	
max. Earth dist.	-95 Feb 27 j 13:56	1°♓31'02	1.35113 AU
superior conj	-95 Mar 04 j 09:22	11°♓09'45	-1°11'34
minimum elong	-95 Mar 04 j 12:41	11°♓26'39	1°11'02
asc. node	-95 Mar 11 j 19:42	26°♓33'16	
evening rise	-95 Mar 12 j 02:37	27°♓08'51	
	-95 Mar 13 j 12:05	0°♈	
evening max el	-95 Mar 30 j 20:22	27°♈26'59	20°38'53
	-95 Apr 02 j 21:50	0°♉	
retrograde	-95 Apr 10 j 23:36	2°♉49'00	
evening set	-95 Apr 13 j 03:39	2°♉37'38	
	-95 Apr 19 j 23:32	30°℞♈	
desc. node	-95 Apr 20 j 12:43	29°♈41'57	
inferior conj	-95 Apr 22 j 08:19	28°♈40'06	-0°31'16
minimum elong	-95 Apr 22 j 06:50	28°♈42'13	0°30'44
min. Earth dist.	-95 Apr 23 j 12:51	27°♈59'05	0.55115 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-95 May 01 j 09:07	24°♈28'38	
direct	-95 May 04 j 21:13	24°♈02'05	
	-95 May 17 j 15:30	0°♉	
morning max el	-95 May 18 j 03:28	0°♉27'39	23°05'56
	-95 Jun 06 j 19:04	0°♊	
asc. node	-95 Jun 07 j 18:59	2°♊00'26	
morning set	-95 Jun 10 j 01:52	6°♊43'50	
superior conj	-95 Jun 17 j 04:41	21°♊55'49	1°24'52
minimum elong	-95 Jun 17 j 02:13	21°♊42'38	1°24'34
max. Earth dist.	-95 Jun 19 j 18:38	27°♊23'58	1.33844 AU
	-95 Jun 21 j 00:32	0°♋	
evening rise	-95 Jun 24 j 20:37	7°♋47'18	
	-95 Jul 07 j 02:12	0°♌	
desc. node	-95 Jul 17 j 12:03	15°♌42'34	
evening max el	-95 Jul 29 j 02:22	29°♌21'16	27°18'47
	-95 Jul 29 j 18:52	0°♍	
retrograde	-95 Aug 11 j 13:35	6°♍40'27	
evening set	-95 Aug 18 j 15:31	3°♍55'59	
min. Earth dist.	-95 Aug 22 j 09:03	0°♍27'05	0.64493 AU
	-95 Aug 22 j 19:15	30°℞♌	
inferior conj	-95 Aug 24 j 16:13	27°♌57'59	-3°07'54
minimum elong	-95 Aug 24 j 20:41	27°♌45'54	3°06'29
morning rise	-95 Aug 31 j 02:38	22°♌30'24	
direct	-95 Sep 02 j 18:31	21°♌53'42	
asc. node	-95 Sep 03 j 18:09	21°♌58'46	
morning max el	-95 Sep 09 j 06:41	25°♌21'25	18°01'22
	-95 Sep 13 j 03:28	0°♍	
morning set	-95 Sep 26 j 19:52	22°♍03'26	
	-95 Oct 01 j 13:14	0°♎	
superior conj	-95 Oct 10 j 06:04	14°♎16'25	0°21'11
minimum elong	-95 Oct 10 j 08:31	14°♎26'18	0°20'51
desc. node	-95 Oct 13 j 11:21	19°♎26'00	
max. Earth dist.	-95 Oct 14 j 21:52	21°♎43'09	1.44567 AU
	-95 Oct 20 j 04:10	0°♏	
evening rise	-95 Oct 26 j 15:03	10°♏01'05	
	-95 Nov 08 j 18:17	0°♐	
greatest brilliancy	-95 Nov 09 j 15:56	1°♐20'14	-0.6m
evening max el	-95 Nov 22 j 03:04	17°♐50'30	20°06'52
retrograde	-95 Nov 29 j 20:16	22°♐22'09	
asc. node	-95 Nov 30 j 17:23	22°♐17'45	
evening set	-95 Dec 03 j 12:26	21°♐03'30	
inferior conj	-95 Dec 08 j 23:20	14°♐59'47	2°33'37
minimum elong	-95 Dec 08 j 20:35	15°♐08'59	2°32'46
min. Earth dist.	-95 Dec 09 j 19:18	13°♐52'53	0.66875 AU
morning rise	-95 Dec 14 j 04:34	8°♐46'47	
direct	-95 Dec 20 j 00:15	6°♐12'12	
morning max el	-95 Dec 31 j 17:39	13°♐10'51	25°02'21
desc. node	-94 Jan 09 j 10:33	23°♐20'40	
	-94 Jan 14 j 08:57	0°♑	
	-94 Feb 02 j 13:56	0°♒	
morning set	-94 Feb 05 j 22:27	5°♒53'18	
max. Earth dist.	-94 Feb 09 j 14:44	12°♒35'08	1.36884 AU
superior conj	-94 Feb 15 j 21:52	24°♒37'50	-1°34'45
minimum elong	-94 Feb 16 j 01:43	24°♒56'48	1°34'18
	-94 Feb 18 j 14:48	0°♓	
evening rise	-94 Feb 24 j 05:46	11°♓19'33	
asc. node	-94 Feb 26 j 16:44	16°♓12'40	
	-94 Mar 06 j 08:06	0°♈	
evening max el	-94 Mar 13 j 10:09	9°♈07'24	19°31'21
retrograde	-94 Mar 22 j 20:30	13°♈39'08	
evening set	-94 Mar 25 j 00:08	13°♈26'02	
inferior conj	-94 Apr 02 j 12:39	9°♈20'35	1°21'12
minimum elong	-94 Apr 02 j 15:52	9°♈15'24	1°20'09
min. Earth dist.	-94 Apr 05 j 03:16	7°♈40'24	0.56038 AU
desc. node	-94 Apr 07 j 09:45	6°♈20'04	
morning rise	-94 Apr 11 j 04:58	4°♈38'08	
direct	-94 Apr 15 j 16:43	3°♈52'40	
morning max el	-94 Apr 29 j 18:30	10°♈58'52	24°46'33
	-94 May 14 j 04:00	0°♉	
morning set	-94 May 25 j 13:51	21°♉42'45	
asc. node	-94 May 25 j 16:02	21°♉54'16	
	-94 May 29 j 10:36	0°♊	
superior conj	-94 Jun 01 j 13:55	6°♊49'53	1°07'13
minimum elong	-94 Jun 01 j 11:32	6°♊36'53	1°06'49
max. Earth dist.	-94 Jun 03 j 00:33	9°♊57'36	1.32967 AU
evening rise	-94 Jun 08 j 19:36	22°♊10'34	
	-94 Jun 12 j 18:09	0°♋	
	-94 Jun 30 j 23:25	0°♌	
desc. node	-94 Jul 04 j 09:05	4°♌25'54	
evening max el	-94 Jul 11 j 11:46	12°♌17'05	27°23'36
retrograde	-94 Jul 25 j 05:53	19°♌35'49	
evening set	-94 Aug 01 j 10:54	17°♌03'02	
min. Earth dist.	-94 Aug 05 j 00:46	14°♌04'39	0.62824 AU
inferior conj	-94 Aug 07 j 20:55	11°♌19'47	-3°54'58
minimum elong	-94 Aug 08 j 01:38	11°♌08'19	3°53'52
morning rise	-94 Aug 14 j 17:36	6°♌10'52	
direct	-94 Aug 17 j 06:03	5°♌41'36	
asc. node	-94 Aug 21 j 15:13	7°♌11'53	
morning max el	-94 Aug 23 j 22:17	9°♌06'56	17°53'14
	-94 Sep 06 j 16:51	0°♍	
morning set	-94 Sep 09 j 05:48	4°♍30'09	
superior conj	-94 Sep 20 j 17:42	24°♍28'41	1°01'08
minimum elong	-94 Sep 20 j 22:41	24°♍49'37	1°00'31
	-94 Sep 24 j 01:12	0°♎	
max. Earth dist.	-94 Sep 27 j 13:09	5°♎42'50	1.43431 AU
desc. node	-94 Sep 30 j 08:23	10°♎12'43	
evening rise	-94 Oct 05 j 21:56	18°♎57'42	
	-94 Oct 13 j 03:10	0°♏	
	-94 Nov 03 j 20:37	0°♐	
evening max el	-94 Nov 05 j 02:12	1°♐18'36	21°14'24
retrograde	-94 Nov 13 j 17:38	6°♐26'47	
evening set	-94 Nov 17 j 19:58	4°♐52'18	
asc. node	-94 Nov 17 j 14:26	5°♐02'44	
	-94 Nov 22 j 05:00	30°℞♏	
inferior conj	-94 Nov 23 j 04:46	28°♏38'43	1°50'16
minimum elong	-94 Nov 23 j 02:31	28°♏46'30	1°49'25
min. Earth dist.	-94 Nov 23 j 12:55	28°♏10'40	0.67436 AU
morning rise	-94 Nov 28 j 08:54	22°♏25'17	
direct	-94 Dec 03 j 13:22	20°♏10'48	
morning max el	-94 Dec 14 j 02:28	26°♏27'45	23°35'37
	-94 Dec 17 j 08:48	0°♐	
desc. node	-94 Dec 27 j 07:35	12°♐47'51	
	-93 Jan 07 j 23:35	0°♑	
morning set	-93 Jan 18 j 08:54	16°♑50'44	
max. Earth dist.	-93 Jan 22 j 09:56	23°♑49'23	1.38941 AU
	-93 Jan 25 j 20:59	0°♒	
superior conj	-93 Jan 29 j 20:57	7°♒22'26	-1°52'36
minimum elong	-93 Jan 30 j 00:12	7°♒37'40	1°52'23
evening rise	-93 Feb 08 j 01:18	25°♒02'11	
	-93 Feb 10 j 15:02	0°♓	
asc. node	-93 Feb 13 j 13:46	5°♓31'22	
evening max el	-93 Feb 24 j 10:00	21°♓24'24	18°43'31
retrograde	-93 Mar 04 j 10:24	25°♓18'07	
evening set	-93 Mar 06 j 18:42	24°♓59'22	
inferior conj	-93 Mar 14 j 12:14	20°♓36'51	2°44'04
minimum elong	-93 Mar 14 j 16:33	20°♓28'46	2°43'01
min. Earth dist.	-93 Mar 17 j 20:22	18°♓08'06	0.57682 AU
morning rise	-93 Mar 22 j 11:28	15°♓22'07	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-93 Mar 25 j 06:45	14°♓24'01	
direct	-93 Mar 28 j 02:11	14°♓04'20	
morning max el	-93 Apr 11 j 10:33	21°♓36'29	26°15'28
	-93 Apr 18 j 18:35	0°♈	
	-93 May 06 j 19:18	0°♉	
morning set	-93 May 10 j 01:06	6°♉39'27	
asc. node	-93 May 12 j 13:04	11°♉58'52	
superior conj	-93 May 17 j 01:17	21°♉49'27	0°46'06
minimum elong	-93 May 16 j 23:25	21°♉39'12	0°45'44
max. Earth dist.	-93 May 17 j 11:41	22°♉46'28	1.32465 AU
	-93 May 20 j 19:17	0°♊	
evening rise	-93 May 24 j 01:04	6°♊52'50	
	-93 Jun 05 j 06:49	0°♋	
desc. node	-93 Jun 21 j 06:05	22°♋08'02	
evening max el	-93 Jun 23 j 16:25	24°♋35'20	26°55'47
	-93 Jun 30 j 21:07	0°♌	
retrograde	-93 Jul 07 j 15:17	1°♌51'59	
	-93 Jul 14 j 03:02	30°℞♋	
evening set	-93 Jul 14 j 13:19	29°♋45'01	
min. Earth dist.	-93 Jul 18 j 06:19	27°♋04'42	0.60874 AU
inferior conj	-93 Jul 21 j 12:14	24°♋18'52	-4°30'12
minimum elong	-93 Jul 21 j 15:43	24°♋11'25	4°29'46
morning rise	-93 Jul 28 j 19:56	19°♋31'14	
direct	-93 Jul 31 j 07:15	19°♋07'02	
morning max el	-93 Aug 07 j 11:25	22°♋39'10	18°03'54
asc. node	-93 Aug 08 j 12:17	23°♋43'06	
	-93 Aug 13 j 05:52	0°♌	
morning set	-93 Aug 23 j 08:58	17°♌46'40	
	-93 Aug 29 j 23:58	0°♍	
superior conj	-93 Sep 02 j 08:22	6°♍00'59	1°28'11
minimum elong	-93 Sep 02 j 12:32	6°♍19'28	1°27'49
max. Earth dist.	-93 Sep 09 j 22:49	19°♍06'40	1.41779 AU
evening rise	-93 Sep 15 j 15:47	28°♍26'55	
	-93 Sep 16 j 15:06	0°♎	
desc. node	-93 Sep 17 j 05:24	0°♎56'46	
	-93 Oct 06 j 19:14	0°♏	
evening max el	-93 Oct 18 j 19:44	14°♏47'36	22°31'02
retrograde	-93 Oct 28 j 13:05	20°♏34'27	
evening set	-93 Nov 02 j 03:31	18°♏42'42	
asc. node	-93 Nov 04 j 11:28	16°♏20'57	
inferior conj	-93 Nov 07 j 11:46	12°♏22'59	1°01'27
minimum elong	-93 Nov 07 j 10:23	12°♏27'46	1°00'52
min. Earth dist.	-93 Nov 07 j 09:11	12°♏31'55	0.67661 AU
morning rise	-93 Nov 12 j 17:08	6°♏11'22	
direct	-93 Nov 17 j 06:40	4°♏19'15	
morning max el	-93 Nov 26 j 14:19	9°♏49'41	22°08'43
	-93 Dec 12 j 07:44	0°♐	
desc. node	-93 Dec 14 j 04:37	2°♐42'42	
morning set	-93 Dec 29 j 14:27	26°♐23'27	
	-93 Dec 31 j 19:45	0°♑	
max. Earth dist.	-92 Jan 04 j 07:10	5°♑45'43	1.41046 AU
superior conj	-92 Jan 12 j 01:41	19°♑11'12	-2°01'31
minimum elong	-92 Jan 12 j 02:27	19°♑14'34	2°01'30
	-92 Jan 18 j 00:48	0°♒	
evening rise	-92 Jan 22 j 09:58	8°♒08'42	
asc. node	-92 Jan 31 j 10:47	24°♒22'03	
	-92 Feb 04 j 04:11	0°♓	
evening max el	-92 Feb 07 j 17:10	4°♓10'14	18°15'47
retrograde	-92 Feb 14 j 18:43	7°♓41'50	
evening set	-92 Feb 17 j 08:09	7°♓15'03	
inferior conj	-92 Feb 24 j 08:44	2°♓31'50	3°31'46
minimum elong	-92 Feb 24 j 11:27	2°♓25'53	3°31'23
	-92 Feb 27 j 06:32	30°℞♒	
min. Earth dist.	-92 Feb 27 j 18:05	29°♒35'54	0.59723 AU
morning rise	-92 Mar 02 j 12:34	26°♒53'29	
direct	-92 Mar 09 j 00:36	24°♒57'25	
desc. node	-92 Mar 11 j 03:47	25°♒09'30	
	-92 Mar 20 j 07:37	0°♓	
morning max el	-92 Mar 23 j 07:37	2°♓42'54	27°18'18
	-92 Apr 12 j 03:53	0°♈	
morning set	-92 Apr 23 j 09:52	21°♈26'36	
	-92 Apr 27 j 10:25	0°♉	
asc. node	-92 Apr 28 j 10:06	2°♉08'40	
max. Earth dist.	-92 Apr 30 j 00:22	5°♉37'56	1.32332 AU
superior conj	-92 Apr 30 j 12:59	6°♉47'12	0°22'18
minimum elong	-92 Apr 30 j 12:00	6°♉41'48	0°22'05
evening rise	-92 May 07 j 10:33	21°♉44'47	
	-92 May 11 j 11:13	0°♊	
	-92 May 29 j 23:59	0°♋	
evening max el	-92 Jun 04 j 14:33	6°♋08'34	25°56'11
desc. node	-92 Jun 07 j 03:05	8°♋22'36	
retrograde	-92 Jun 18 j 15:49	13°♋21'04	
evening set	-92 Jun 24 j 18:13	11°♋51'12	
min. Earth dist.	-92 Jun 29 j 03:12	9°♋11'37	0.58814 AU
inferior conj	-92 Jul 02 j 10:33	6°♋44'58	-4°44'46
minimum elong	-92 Jul 02 j 10:43	6°♋44'40	4°44'46
morning rise	-92 Jul 10 j 05:35	2°♋19'35	
direct	-92 Jul 12 j 17:47	1°♋58'44	
morning max el	-92 Jul 20 j 18:54	5°♋48'26	18°34'38
asc. node	-92 Jul 25 j 09:20	11°♋16'19	
	-92 Aug 05 j 03:50	0°♌	
morning set	-92 Aug 06 j 00:30	1°♌39'39	
superior conj	-92 Aug 14 j 21:20	18°♌39'46	1°42'51
minimum elong	-92 Aug 14 j 23:25	18°♌49'29	1°42'45
	-92 Aug 21 j 02:57	0°♍	
max. Earth dist.	-92 Aug 22 j 03:29	1°♍47'47	1.39825 AU
evening rise	-92 Aug 26 j 08:31	9°♍00'47	
desc. node	-92 Sep 03 j 02:25	21°♍34'27	
	-92 Sep 08 j 14:44	0°♎	
evening max el	-92 Sep 30 j 09:17	28°♎19'54	23°51'19
	-92 Oct 02 j 03:25	0°♏	
retrograde	-92 Oct 11 j 05:12	4°♏42'29	
evening set	-92 Oct 16 j 09:28	2°♏32'47	
	-92 Oct 18 j 20:32	30°℞♎	
min. Earth dist.	-92 Oct 21 j 05:40	26°♎54'49	0.67567 AU
asc. node	-92 Oct 21 j 08:31	26°♎45'09	
inferior conj	-92 Oct 21 j 18:35	26°♎10'54	0°08'42
minimum elong	-92 Oct 21 j 18:23	26°♎11'37	0°08'36
transit middle	-92 Oct 21 j 18:23	26°♎11'37	0°08'36
transit begin	-92 Oct 21 j 16:04	26°♎19'28	
transit end	-92 Oct 21 j 20:41	26°♎03'46	
morning rise	-92 Oct 27 j 03:14	20°♎03'42	
direct	-92 Oct 31 j 03:05	18°♎33'27	
morning max el	-92 Nov 08 j 08:28	23°♎20'34	20°49'17
	-92 Nov 14 j 01:02	0°♏	
desc. node	-92 Nov 30 j 01:39	22°♏57'32	
	-92 Dec 04 j 16:25	0°♐	
morning set	-92 Dec 07 j 18:21	4°♐46'22	
max. Earth dist.	-92 Dec 16 j 11:51	18°♐38'47	1.42907 AU
superior conj	-92 Dec 23 j 06:42	29°♐51'47	-1°56'59
minimum elong	-92 Dec 23 j 02:57	29°♐36'02	1°56'49
	-92 Dec 23 j 08:39	0°♑	
evening rise	-91 Jan 04 j 03:51	20°♑31'06	
	-91 Jan 09 j 12:22	0°♒	
asc. node	-91 Jan 17 j 07:50	12°♒36'08	
evening max el	-91 Jan 21 j 04:30	17°♒16'09	18°07'45
retrograde	-91 Jan 27 j 18:25	20°♒40'57	
evening set	-91 Jan 30 j 12:24	20°♒04'52	

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inferior conj	-91 Feb 05 j 23:29	15°♒00'25	3°49'49
minimum elong	-91 Feb 05 j 23:57	14°♒59'16	3°49'48
min. Earth dist.	-91 Feb 08 j 23:08	12°♒02'27	0.61811 AU
morning rise	-91 Feb 12 j 10:14	9°♒07'07	
direct	-91 Feb 19 j 08:58	6°♒38'46	
desc. node	-91 Feb 26 j 00:49	8°♒37'38	
morning max el	-91 Mar 05 j 10:49	14°♒29'40	27°46'11
	-91 Mar 18 j 00:10	0°♓	
	-91 Apr 04 j 14:42	0°♈	
morning set	-91 Apr 07 j 14:12	5°♈57'41	
max. Earth dist.	-91 Apr 13 j 10:55	18°♈19'34	1.32576 AU
superior conj	-91 Apr 14 j 23:22	21°♈37'23	-0°03'26
minimum elong	-91 Apr 14 j 23:32	21°♈38'16	0°03'24
behind sun begin	-91 Apr 14 j 18:31	21°♈10'58	
behind sun end	-91 Apr 15 j 04:33	22°♈05'35	
asc. node	-91 Apr 15 j 07:10	22°♈19'48	
	-91 Apr 18 j 19:37	0°♉	
evening rise	-91 Apr 21 j 22:04	6°♉39'35	
	-91 May 04 j 05:46	0°♊	
evening max el	-91 May 17 j 06:45	17°♊01'38	24°32'06
desc. node	-91 May 25 j 00:06	22°♊35'59	
retrograde	-91 May 31 j 04:58	24°♊03'43	
evening set	-91 Jun 05 j 00:12	23°♊11'56	
min. Earth dist.	-91 Jun 10 j 18:09	20°♊16'42	0.56928 AU
inferior conj	-91 Jun 13 j 13:03	18°♊29'18	-4°26'21
minimum elong	-91 Jun 13 j 08:31	18°♊36'39	4°25'45
morning rise	-91 Jun 21 j 19:36	14°♊23'59	
direct	-91 Jun 24 j 10:05	14°♊05'18	
morning max el	-91 Jul 03 j 17:49	18°♊25'21	19°26'21
asc. node	-91 Jul 12 j 06:22	29°♊37'40	
	-91 Jul 12 j 11:45	0°♋	
morning set	-91 Jul 21 j 00:42	15°♋59'16	
	-91 Jul 28 j 00:45	0°♌	
superior conj	-91 Jul 29 j 03:00	2°♌09'10	1°47'12
minimum elong	-91 Jul 29 j 03:02	2°♌09'21	1°47'12
max. Earth dist.	-91 Aug 04 j 06:50	13°♌53'16	1.37823 AU
evening rise	-91 Aug 08 j 01:53	20°♌44'48	
	-91 Aug 13 j 11:08	0°♍	
desc. node	-91 Aug 20 j 23:27	12°♍01'10	
	-91 Sep 02 j 14:40	0°♎	
evening max el	-91 Sep 12 j 21:03	11°♎55'50	25°08'20
retrograde	-91 Sep 24 j 17:06	18°♎46'44	
evening set	-91 Sep 30 j 12:05	16°♎20'07	
min. Earth dist.	-91 Oct 04 j 23:52	11°♎17'06	0.67156 AU
inferior conj	-91 Oct 05 j 23:28	9°♎59'54	-0°46'34
minimum elong	-91 Oct 06 j 00:38	9°♎56'05	0°46'04
asc. node	-91 Oct 08 j 05:35	7°♎09'14	
morning rise	-91 Oct 11 j 13:17	3°♎59'59	
direct	-91 Oct 15 j 01:15	2°♎49'16	
morning max el	-91 Oct 22 j 10:23	7°♎01'50	19°42'07
	-91 Nov 08 j 04:45	0°♏	
morning set	-91 Nov 16 j 15:31	12°♏58'27	
desc. node	-91 Nov 16 j 22:41	13°♏26'12	
	-91 Nov 27 j 12:57	0°♐	
max. Earth dist.	-91 Nov 29 j 00:19	2°♐20'10	1.44269 AU
superior conj	-91 Dec 03 j 08:43	9°♐17'41	-1°34'53
minimum elong	-91 Dec 03 j 00:50	8°♐45'58	1°34'11
	-91 Dec 15 j 21:57	0°♑	
evening rise	-91 Dec 17 j 02:35	2°♑00'51	
asc. node	-90 Jan 04 j 04:53	0°♒01'55	
	-90 Jan 04 j 04:10	0°♒	
evening max el	-90 Jan 04 j 17:02	0°♒33'37	18°18'45
retrograde	-90 Jan 11 j 04:57	4°♒04'37	
evening set	-90 Jan 14 j 03:30	3°♒18'25	
	-90 Jan 18 j 06:08	30°℞♑	
inferior conj	-90 Jan 20 j 04:30	27°♑54'06	3°45'57
minimum elong	-90 Jan 20 j 03:08	27°♑57'57	3°45'51
min. Earth dist.	-90 Jan 22 j 13:34	25°♑14'46	0.63691 AU
morning rise	-90 Jan 26 j 02:07	21°♑51'22	
direct	-90 Feb 02 j 01:15	19°♑03'55	
desc. node	-90 Feb 12 j 21:51	24°♑14'51	
morning max el	-90 Feb 15 j 18:42	26°♑54'29	27°37'18
	-90 Feb 18 j 16:49	0°♒	
	-90 Mar 11 j 14:58	0°♓	
morning set	-90 Mar 22 j 11:39	20°♓04'24	
	-90 Mar 27 j 08:10	0°♈	
max. Earth dist.	-90 Mar 27 j 15:23	0°♈37'56	1.33212 AU
superior conj	-90 Mar 30 j 06:39	6°♈13'43	-0°30'11
minimum elong	-90 Mar 30 j 08:06	6°♈21'28	0°29'52
asc. node	-90 Apr 02 j 04:12	12°♈27'36	
evening rise	-90 Apr 06 j 09:45	21°♈30'19	
	-90 Apr 10 j 13:17	0°♉	
evening max el	-90 Apr 28 j 21:38	27°♉35'50	22°57'07
	-90 May 01 j 15:33	0°♊	
desc. node	-90 May 11 j 21:06	4°♊12'54	
retrograde	-90 May 12 j 05:41	4°♊13'11	
evening set	-90 May 15 j 14:44	3°♊48'11	
min. Earth dist.	-90 May 23 j 06:44	0°♊24'28	0.55550 AU
	-90 May 23 j 23:43	30°℞♉	
inferior conj	-90 May 24 j 20:18	29°♉30'12	-3°23'55
minimum elong	-90 May 24 j 13:03	29°♉40'42	3°22'02
morning rise	-90 Jun 02 j 13:50	25°♉36'22	
direct	-90 Jun 05 j 07:49	25°♉18'31	
	-90 Jun 15 j 20:15	0°♊	
morning max el	-90 Jun 16 j 06:09	0°♊22'30	20°38'50
asc. node	-90 Jun 29 j 03:27	18°♊35'56	
	-90 Jul 04 j 23:21	0°♋	
morning set	-90 Jul 05 j 06:49	0°♋38'10	
superior conj	-90 Jul 12 j 20:37	16°♋15'50	1°43'22
minimum elong	-90 Jul 12 j 19:10	16°♋08'28	1°43'17
max. Earth dist.	-90 Jul 17 j 14:16	25°♋43'32	1.36001 AU
	-90 Jul 19 j 19:30	0°♌	
evening rise	-90 Jul 21 j 16:14	3°♌30'24	
	-90 Aug 06 j 09:32	0°♍	
desc. node	-90 Aug 07 j 20:30	2°♍11'19	
evening max el	-90 Aug 26 j 08:39	25°♍32'39	26°14'34
	-90 Aug 31 j 16:52	0°♎	
retrograde	-90 Sep 08 j 00:16	2°♎42'23	
evening set	-90 Sep 14 j 09:29	0°♎02'31	
	-90 Sep 14 j 10:40	30°℞♍	
min. Earth dist.	-90 Sep 18 j 13:28	25°♍36'17	0.66406 AU
inferior conj	-90 Sep 20 j 00:36	23°♍47'51	-1°42'42
minimum elong	-90 Sep 20 j 03:12	23°♍39'47	1°41'38
asc. node	-90 Sep 25 j 02:37	18°♍28'36	
morning rise	-90 Sep 25 j 21:16	17°♍58'06	
direct	-90 Sep 28 j 23:29	17°♍03'33	
morning max el	-90 Oct 05 j 19:18	20°♍51'44	18°49'57
	-90 Oct 12 j 23:36	0°♎	
morning set	-90 Oct 27 j 06:08	22°♎08'35	
	-90 Nov 01 j 05:34	0°♏	
desc. node	-90 Nov 03 j 19:46	4°♏04'51	
max. Earth dist.	-90 Nov 11 j 17:36	16°♏30'49	1.44964 AU
superior conj	-90 Nov 12 j 13:35	17°♏49'26	-0°55'17
minimum elong	-90 Nov 12 j 06:44	17°♏22'29	0°54'26
	-90 Nov 20 j 06:26	0°♐	
evening rise	-90 Nov 28 j 02:31	12°♐32'58	
	-90 Dec 08 j 23:37	0°♑	
evening max el	-90 Dec 19 j 04:12	13°♑57'44	18°47'50

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-90 Dec 22 j 01:55	16°♑26'27	
retrograde	-90 Dec 25 j 22:14	17°♑45'41	
evening set	-90 Dec 29 j 02:16	16°♑48'18	
inferior conj	-89 Jan 03 j 20:03	11°♑06'29	3°26'23
minimum elong	-89 Jan 03 j 17:36	11°♑13'59	3°25'57
min. Earth dist.	-89 Jan 05 j 13:48	8°♑58'46	0.65231 AU
morning rise	-89 Jan 09 j 08:35	4°♑57'47	
direct	-89 Jan 16 j 00:30	2°♑05'49	
morning max el	-89 Jan 29 j 04:30	9°♑47'12	26°55'26
desc. node	-89 Jan 30 j 18:55	11°♑26'43	
	-89 Feb 14 j 03:15	0°♒	
	-89 Mar 04 j 01:21	0°♓	
morning set	-89 Mar 05 j 23:02	3°♓36'36	
max. Earth dist.	-89 Mar 10 j 09:51	12°♓22'23	1.34283 AU
superior conj	-89 Mar 14 j 08:45	20°♓29'34	-0°56'51
minimum elong	-89 Mar 14 j 11:27	20°♓43'40	0°56'21
	-89 Mar 18 j 21:10	0°♈	
asc. node	-89 Mar 20 j 01:15	2°♈28'01	
evening rise	-89 Mar 21 j 19:43	6°♈10'21	
	-89 Apr 03 j 21:21	0°♉	
evening max el	-89 Apr 10 j 18:19	8°♉21'16	21°25'42
retrograde	-89 Apr 22 j 20:47	14°♉14'37	
evening set	-89 Apr 25 j 06:15	14°♉01'31	
desc. node	-89 Apr 28 j 18:08	12°♉59'45	
inferior conj	-89 May 04 j 15:36	10°♉00'50	-1°40'17
minimum elong	-89 May 04 j 10:57	10°♉07'22	1°38'41
min. Earth dist.	-89 May 04 j 19:38	9°♉55'10	0.54988 AU
morning rise	-89 May 13 j 16:11	6°♉01'08	
direct	-89 May 16 j 18:30	5°♉40'14	
morning max el	-89 May 29 j 07:38	11°♉37'08	22°08'58
	-89 Jun 11 j 17:58	0°♊	
asc. node	-89 Jun 16 j 00:30	8°♊01'18	
morning set	-89 Jun 19 j 16:37	15°♊29'08	
superior conj	-89 Jun 26 j 22:24	0°♋47'36	1°33'08
minimum elong	-89 Jun 26 j 20:07	0°♋35'40	1°32'54
	-89 Jun 26 j 13:21	0°♋	
max. Earth dist.	-89 Jun 30 j 06:01	7°♋41'35	1.34515 AU
evening rise	-89 Jul 04 j 22:34	17°♋03'35	
	-89 Jul 11 j 22:18	0°♌	
desc. node	-89 Jul 25 j 17:31	21°♌56'31	
	-89 Jul 31 j 18:06	0°♍	
evening max el	-89 Aug 08 j 20:27	9°♍02'25	27°02'24
retrograde	-89 Aug 22 j 02:16	16°♍21'09	
evening set	-89 Aug 28 j 23:17	13°♍35'19	
min. Earth dist.	-89 Sep 01 j 20:08	9°♍46'07	0.65295 AU
inferior conj	-89 Sep 03 j 19:50	7°♍29'56	-2°37'45
minimum elong	-89 Sep 03 j 23:44	7°♍18'45	2°36'22
morning rise	-89 Sep 10 j 00:53	1°♍53'25	
asc. node	-89 Sep 11 j 23:41	1°♍15'07	
direct	-89 Sep 12 j 19:44	1°♍11'19	
morning max el	-89 Sep 19 j 08:54	4°♍44'21	18°14'07
	-89 Oct 06 j 09:30	0°♎	
morning set	-89 Oct 08 j 01:02	2°♎42'44	
desc. node	-89 Oct 21 j 16:50	24°♎49'11	
superior conj	-89 Oct 22 j 15:48	26°♎20'16	-0°06'19
minimum elong	-89 Oct 22 j 14:59	26°♎17'01	0°06'13
behind sun begin	-89 Oct 22 j 04:43	25°♎36'20	
behind sun end	-89 Oct 23 j 01:15	26°♎57'40	
	-89 Oct 24 j 23:24	0°♏	
max. Earth dist.	-89 Oct 25 j 12:08	0°♏50'11	1.44919 AU
evening rise	-89 Nov 08 j 03:08	22°♏08'27	
	-89 Nov 13 j 04:23	0°♐	
greatest brilliancy	-89 Nov 20 j 03:39	10°♐43'30	-0.7m
evening max el	-89 Dec 02 j 11:52	27°♐25'15	19°33'45
	-89 Dec 05 j 10:05	0°♑	
asc. node	-89 Dec 08 j 22:56	1°♑35'05	
retrograde	-89 Dec 09 j 18:58	1°♑39'00	
evening set	-89 Dec 13 j 06:05	0°♑28'49	
	-89 Dec 13 j 21:47	30°℞♐	
inferior conj	-89 Dec 18 j 18:57	24°♐32'21	2°55'27
minimum elong	-89 Dec 18 j 16:09	24°♐41'31	2°54'42
min. Earth dist.	-89 Dec 19 j 22:30	23°♐02'25	0.66384 AU
morning rise	-89 Dec 24 j 01:58	18°♐20'12	
direct	-89 Dec 30 j 05:52	15°♐36'20	
morning max el	-88 Jan 11 j 13:47	22°♐55'09	25°48'24
desc. node	-88 Jan 17 j 16:00	29°♐46'02	
	-88 Jan 17 j 20:33	0°♑	
	-88 Feb 07 j 10:50	0°♒	
morning set	-88 Feb 16 j 20:01	16°♒21'41	
max. Earth dist.	-88 Feb 20 j 16:18	23°♒34'33	1.35810 AU
	-88 Feb 23 j 23:29	0°♓	
superior conj	-88 Feb 26 j 03:09	4°♓17'52	-1°21'53
minimum elong	-88 Feb 26 j 06:47	4°♓36'11	1°21'21
evening rise	-88 Mar 05 j 02:01	20°♓33'40	
asc. node	-88 Mar 05 j 22:17	22°♓16'37	
	-88 Mar 09 j 20:11	0°♈	
evening max el	-88 Mar 23 j 01:43	19°♈40'09	20°07'56
retrograde	-88 Apr 02 j 11:29	24°♈39'50	
evening set	-88 Apr 04 j 14:02	24°♈28'27	
inferior conj	-88 Apr 13 j 12:44	20°♈29'35	0°18'50
minimum elong	-88 Apr 13 j 13:35	20°♈28'19	0°18'33
desc. node	-88 Apr 14 j 15:09	19°♈50'00	
min. Earth dist.	-88 Apr 15 j 09:39	19°♈22'29	0.55392 AU
morning rise	-88 Apr 22 j 11:11	16°♈05'35	
direct	-88 Apr 26 j 08:19	15°♈32'36	
morning max el	-88 May 10 j 00:57	22°♈18'10	23°49'08
	-88 May 16 j 19:05	0°♉	
asc. node	-88 Jun 01 j 21:35	27°♉46'32	
	-88 Jun 02 j 23:12	0°♊	
morning set	-88 Jun 03 j 04:16	0°♊26'33	
superior conj	-88 Jun 10 j 05:34	15°♊35'42	1°17'52
minimum elong	-88 Jun 10 j 03:04	15°♊22'15	1°17'31
max. Earth dist.	-88 Jun 12 j 07:14	20°♊01'46	1.33421 AU
	-88 Jun 17 j 02:15	0°♋	
evening rise	-88 Jun 17 j 16:31	1°♋11'57	
	-88 Jul 03 j 20:54	0°♌	
desc. node	-88 Jul 11 j 14:30	11°♌06'18	
evening max el	-88 Jul 21 j 07:30	22°♌14'51	27°24'41
retrograde	-88 Aug 03 j 22:25	29°♌34'40	
evening set	-88 Aug 11 j 02:26	26°♌53'36	
min. Earth dist.	-88 Aug 14 j 17:55	23°♌38'30	0.63823 AU
inferior conj	-88 Aug 17 j 06:42	21°♌01'13	-3°28'54
minimum elong	-88 Aug 17 j 11:24	20°♌49'00	3°27'34
morning rise	-88 Aug 23 j 21:22	15°♌41'01	
direct	-88 Aug 26 j 11:23	15°♌07'55	
asc. node	-88 Aug 28 j 20:46	15°♌36'37	
morning max el	-88 Sep 02 j 00:33	18°♌33'57	17°55'33
	-88 Sep 10 j 08:44	0°♍	
morning set	-88 Sep 18 j 22:25	14°♍33'25	
	-88 Sep 28 j 00:13	0°♎	
superior conj	-88 Oct 01 j 12:00	5°♎46'24	0°39'36
minimum elong	-88 Oct 01 j 16:02	6°♎02'58	0°39'03
max. Earth dist.	-88 Oct 07 j 05:16	15°♎01'31	1.44161 AU
desc. node	-88 Oct 07 j 13:51	15°♎35'44	
	-88 Oct 16 j 18:23	0°♏	
evening rise	-88 Oct 17 j 11:54	1°♏07'32	
	-88 Nov 05 j 21:12	0°♐	
evening max el	-88 Nov 14 j 14:26	10°♐53'39	20°34'19

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-88 Nov 22 j 16:35	15°♐40'10	
asc. node	-88 Nov 24 j 19:58	15°♐14'06	
evening set	-88 Nov 26 j 12:47	14°♐15'11	
inferior conj	-88 Dec 01 j 22:37	8°♐07'06	2°16'00
minimum elong	-88 Dec 01 j 20:01	8°♐15'55	2°15'06
min. Earth dist.	-88 Dec 02 j 13:28	7°♐16'37	0.67159 AU
morning rise	-88 Dec 07 j 03:04	1°♐53'38	
	-88 Dec 09 j 23:53	30°℞♏	
direct	-88 Dec 12 j 16:27	29°♏26'47	
	-88 Dec 15 j 13:23	0°♐	
morning max el	-88 Dec 23 j 22:02	6°♐08'47	24°25'56
desc. node	-87 Jan 03 j 13:03	18°♐52'29	
	-87 Jan 11 j 10:22	0°♑	
morning set	-87 Jan 28 j 20:48	28°♑02'33	
	-87 Jan 29 j 23:32	0°♒	
max. Earth dist.	-87 Feb 01 j 13:22	4°♒36'30	1.37736 AU
superior conj	-87 Feb 08 j 10:27	17°♒28'44	-1°43'12
minimum elong	-87 Feb 08 j 14:14	17°♒46'58	1°42'49
	-87 Feb 14 j 19:19	0°♓	
evening rise	-87 Feb 17 j 02:14	4°♓32'48	
asc. node	-87 Feb 20 j 19:18	11°♓47'38	
	-87 Mar 04 j 06:58	0°♈	
evening max el	-87 Mar 05 j 20:08	1°♈36'50	19°08'34
retrograde	-87 Mar 14 j 14:30	5°♈49'56	
evening set	-87 Mar 16 j 20:04	5°♈34'43	
inferior conj	-87 Mar 25 j 00:30	1°♈23'00	2°00'43
minimum elong	-87 Mar 25 j 04:38	1°♈15'56	1°59'29
	-87 Mar 27 j 01:00	30°℞♓	
min. Earth dist.	-87 Mar 28 j 00:55	29°♓20'06	0.56671 AU
desc. node	-87 Apr 01 j 12:11	26°♓49'09	
morning rise	-87 Apr 02 j 10:16	26°♓26'25	
direct	-87 Apr 07 j 10:02	25°♓28'21	
	-87 Apr 18 j 10:54	0°♈	
morning max el	-87 Apr 21 j 15:27	2°♈47'10	25°26'41
	-87 May 10 j 21:12	0°♉	
morning set	-87 May 18 j 16:06	15°♉24'26	
asc. node	-87 May 19 j 18:37	17°♉44'58	
	-87 May 25 j 10:01	0°♊	
superior conj	-87 May 25 j 15:54	0°♊32'11	0°58'37
minimum elong	-87 May 25 j 13:41	0°♊20'03	0°58'14
max. Earth dist.	-87 May 26 j 15:47	2°♊42'31	1.32710 AU
evening rise	-87 Jun 01 j 18:35	15°♊44'02	
	-87 Jun 09 j 01:55	0°♋	
desc. node	-87 Jun 28 j 11:29	29°♋25'54	
	-87 Jun 28 j 23:10	0°♌	
evening max el	-87 Jul 03 j 15:26	4°♌56'37	27°15'58
retrograde	-87 Jul 17 j 11:47	12°♌13'55	
evening set	-87 Jul 24 j 15:09	9°♌50'50	
min. Earth dist.	-87 Jul 28 j 05:25	7°♌01'42	0.62020 AU
inferior conj	-87 Jul 31 j 06:10	4°♌14'37	-4°11'50
minimum elong	-87 Jul 31 j 10:35	4°♌04'25	4°10'59
	-87 Aug 05 j 15:33	30°℞♋	
morning rise	-87 Aug 07 j 07:26	29°♋14'08	
direct	-87 Aug 09 j 19:10	28°♋47'11	
	-87 Aug 13 j 19:44	0°♌	
asc. node	-87 Aug 15 j 17:50	1°♌24'36	
morning max el	-87 Aug 16 j 15:24	2°♌14'19	17°55'21
morning set	-87 Sep 01 j 16:26	27°♌23'44	
	-87 Sep 03 j 02:59	0°♍	
superior conj	-87 Sep 12 j 11:27	16°♍33'34	1°14'13
minimum elong	-87 Sep 12 j 16:22	16°♍54'43	1°13'41
max. Earth dist.	-87 Sep 19 j 18:42	28°♍49'08	1.42786 AU
	-87 Sep 20 j 12:02	0°♎	
desc. node	-87 Sep 24 j 10:51	6°♎21'45	
evening rise	-87 Sep 26 j 21:30	10°♎13'25	
	-87 Oct 09 j 22:30	0°♏	
evening max el	-87 Oct 28 j 11:14	24°♏22'45	21°46'13
retrograde	-87 Nov 06 j 13:11	29°♏46'44	
evening set	-87 Nov 10 j 20:32	28°♏05'00	
asc. node	-87 Nov 11 j 17:01	27°♏20'15	
inferior conj	-87 Nov 16 j 04:57	21°♏48'34	1°30'08
minimum elong	-87 Nov 16 j 03:01	21°♏55'15	1°29'22
min. Earth dist.	-87 Nov 16 j 08:26	21°♏36'31	0.67578 AU
morning rise	-87 Nov 21 j 09:21	15°♏35'52	
direct	-87 Nov 26 j 07:28	13°♏30'43	
morning max el	-87 Dec 06 j 07:37	19°♏27'11	22°58'08
	-87 Dec 15 j 04:49	0°♐	
desc. node	-87 Dec 21 j 10:05	8°♐32'39	
	-86 Jan 04 j 15:12	0°♑	
morning set	-86 Jan 09 j 19:15	8°♑23'58	
max. Earth dist.	-86 Jan 14 j 08:53	16°♑07'00	1.39858 AU
superior conj	-86 Jan 22 j 02:23	29°♑51'16	-1°57'44
minimum elong	-86 Jan 22 j 04:50	0°♒02'32	1°57'37
	-86 Jan 22 j 04:17	0°♒	
evening rise	-86 Jan 31 j 17:34	18°♒01'00	
	-86 Feb 07 j 03:50	0°♓	
asc. node	-86 Feb 07 j 16:19	0°♓55'09	
evening max el	-86 Feb 16 j 23:27	14°♓06'45	18°29'12
retrograde	-86 Feb 24 j 12:32	17°♓49'01	
evening set	-86 Feb 26 j 23:11	17°♓26'55	
inferior conj	-86 Mar 06 j 09:04	12°♓55'24	3°08'26
minimum elong	-86 Mar 06 j 12:55	12°♓47'42	3°07'39
min. Earth dist.	-86 Mar 09 j 19:18	10°♓12'23	0.58533 AU
morning rise	-86 Mar 14 j 00:02	7°♓29'39	
desc. node	-86 Mar 19 j 09:13	5°♓56'57	
direct	-86 Mar 20 j 00:57	5°♓55'50	
morning max el	-86 Apr 03 j 09:11	13°♓33'48	26°46'07
	-86 Apr 16 j 10:10	0°♈	
	-86 May 02 j 23:12	0°♉	
morning set	-86 May 03 j 02:30	0°♉17'14	
asc. node	-86 May 06 j 15:39	7°♉51'45	
superior conj	-86 May 10 j 03:35	15°♉30'55	0°36'16
minimum elong	-86 May 10 j 02:03	15°♉22'29	0°35'57
max. Earth dist.	-86 May 10 j 04:12	15°♉34'15	1.32368 AU
	-86 May 16 j 20:09	0°♊	
evening rise	-86 May 17 j 02:01	0°♊30'48	
	-86 Jun 02 j 05:50	0°♋	
desc. node	-86 Jun 15 j 08:30	16°♋33'59	
evening max el	-86 Jun 15 j 17:29	16°♋55'35	26°34'02
retrograde	-86 Jun 29 j 17:17	24°♋10'10	
evening set	-86 Jul 06 j 08:49	22°♋17'59	
min. Earth dist.	-86 Jul 10 j 06:43	19°♋40'29	0.59995 AU
inferior conj	-86 Jul 13 j 14:39	17°♋00'22	-4°39'38
minimum elong	-86 Jul 13 j 16:59	16°♋55'40	4°39'27
morning rise	-86 Jul 21 j 03:07	12°♋22'14	
direct	-86 Jul 23 j 14:47	11°♋59'30	
morning max el	-86 Jul 31 j 02:27	15°♋37'19	18°14'34
asc. node	-86 Aug 02 j 14:53	18°♋23'35	
	-86 Aug 10 j 03:18	0°♌	
morning set	-86 Aug 16 j 01:25	10°♌57'11	
superior conj	-86 Aug 25 j 12:21	28°♌36'13	1°35'49
minimum elong	-86 Aug 25 j 15:41	28°♌51'21	1°35'35
	-86 Aug 26 j 06:53	0°♍	
max. Earth dist.	-86 Sep 02 j 02:36	11°♍57'16	1.40968 AU
evening rise	-86 Sep 07 j 00:16	20°♍07'39	
desc. node	-86 Sep 11 j 07:52	27°♍03'26	
	-86 Sep 13 j 04:55	0°♎	
	-86 Oct 04 j 05:54	0°♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-86 Oct 11 j 02:49	7°♏52'47	23°05'02
retrograde	-86 Oct 21 j 07:20	13°♏55'14	
evening set	-86 Oct 26 j 03:37	11°♏55'34	
asc. node	-86 Oct 29 j 14:05	8°♏09'55	
min. Earth dist.	-86 Oct 31 j 05:00	5°♏58'47	0.67665 AU
inferior conj	-86 Oct 31 j 12:04	5°♏34'25	0°39'27
minimum elong	-86 Oct 31 j 11:09	5°♏37'34	0°39'04
	-86 Nov 05 j 02:11	30°℞♎	
morning rise	-86 Nov 05 j 18:37	29°♎24'36	
direct	-86 Nov 10 j 02:06	27°♎42'11	
	-86 Nov 15 j 16:11	0°♏	
morning max el	-86 Nov 18 j 21:59	2°♏53'02	21°33'40
desc. node	-86 Dec 08 j 07:07	28°♏36'37	
	-86 Dec 09 j 05:31	0°♐	
morning set	-86 Dec 20 j 12:41	17°♐22'43	
max. Earth dist.	-86 Dec 27 j 09:27	28°♐29'01	1.41889 AU
	-86 Dec 28 j 07:24	0°♑	
superior conj	-85 Jan 03 j 21:36	11°♑11'57	-2°01'30
minimum elong	-85 Jan 03 j 20:38	11°♑07'46	2°01'29
	-85 Jan 14 j 09:34	0°♒	
evening rise	-85 Jan 14 j 20:28	0°♒49'50	
asc. node	-85 Jan 25 j 13:21	19°♒31'25	
evening max el	-85 Jan 31 j 08:40	27°♒01'40	18°09'56
	-85 Feb 04 j 15:33	0°♓	
retrograde	-85 Feb 07 j 04:08	0°♓29'03	
evening set	-85 Feb 09 j 19:28	29°♒58'29	
	-85 Feb 09 j 17:50	30°℞♒	
inferior conj	-85 Feb 16 j 13:50	25°♒05'56	3°42'34
minimum elong	-85 Feb 16 j 15:36	25°♒01'51	3°42'24
min. Earth dist.	-85 Feb 19 j 19:53	22°♒06'12	0.60620 AU
morning rise	-85 Feb 23 j 09:56	19°♒19'59	
direct	-85 Mar 02 j 03:36	17°♒09'12	
desc. node	-85 Mar 06 j 06:16	17°♒54'23	
morning max el	-85 Mar 16 j 09:13	24°♒57'59	27°34'48
	-85 Mar 21 j 00:18	0°♓	
	-85 Apr 09 j 17:33	0°♈	
morning set	-85 Apr 17 j 09:41	14°♈59'00	
max. Earth dist.	-85 Apr 23 j 16:36	28°♈24'10	1.32387 AU
asc. node	-85 Apr 23 j 12:41	28°♈02'44	
	-85 Apr 24 j 10:08	0°♉	
superior conj	-85 Apr 24 j 14:57	0°♉26'24	0°11'35
minimum elong	-85 Apr 24 j 14:26	0°♉23'30	0°11'28
behind sun begin	-85 Apr 24 j 10:56	0°♉04'19	
behind sun end	-85 Apr 24 j 17:56	0°♉42'42	
evening rise	-85 May 01 j 12:37	15°♉24'59	
	-85 May 08 j 19:51	0°♊	
evening max el	-85 May 28 j 12:35	28°♊09'38	25°22'39
	-85 May 30 j 13:36	0°♋	
desc. node	-85 Jun 02 j 05:31	2°♋01'50	
retrograde	-85 Jun 11 j 13:27	5°♋19'35	
evening set	-85 Jun 17 j 03:52	4°♋06'14	
min. Earth dist.	-85 Jun 22 j 00:28	1°♋21'59	0.57966 AU
	-85 Jun 24 j 00:01	30°℞♊	
inferior conj	-85 Jun 25 j 04:45	29°♊09'30	-4°41'49
minimum elong	-85 Jun 25 j 02:58	29°♊12'39	4°41'43
morning rise	-85 Jul 03 j 04:44	24°♊53'40	
direct	-85 Jul 05 j 17:46	24°♊33'55	
morning max el	-85 Jul 14 j 06:44	28°♊34'35	18°54'11
	-85 Jul 15 j 16:29	0°♋	
asc. node	-85 Jul 20 j 11:56	6°♋18'57	
morning set	-85 Jul 30 j 21:02	25°♋02'34	
	-85 Aug 02 j 09:29	0°♌	
superior conj	-85 Aug 08 j 09:10	11°♌38'55	1°45'50
minimum elong	-85 Aug 08 j 10:19	11°♌44'28	1°45'47
max. Earth dist.	-85 Aug 15 j 05:54	24°♌20'40	1.38957 AU
	-85 Aug 18 j 11:04	0°♍	
evening rise	-85 Aug 19 j 03:43	1°♍11'44	
desc. node	-85 Aug 29 j 04:53	17°♍37'00	
	-85 Sep 06 j 12:03	0°♎	
evening max el	-85 Sep 23 j 15:09	21°♎26'01	24°24'49
retrograde	-85 Oct 04 j 21:56	28°♎02'27	
evening set	-85 Oct 10 j 08:24	25°♎45'07	
min. Earth dist.	-85 Oct 15 j 00:51	20°♎21'44	0.67431 AU
inferior conj	-85 Oct 15 j 18:18	19°♎23'09	-0°14'33
minimum elong	-85 Oct 15 j 18:39	19°♎21'58	0°14'23
transit middle	-85 Oct 15 j 18:39	19°♎21'58	0°14'23
transit begin	-85 Oct 15 j 17:22	19°♎26'16	
transit end	-85 Oct 15 j 19:56	19°♎17'41	
asc. node	-85 Oct 16 j 11:08	18°♎26'55	
morning rise	-85 Oct 21 j 04:56	13°♎18'44	
direct	-85 Oct 24 j 23:22	11°♎57'21	
morning max el	-85 Nov 01 j 19:32	16°♎28'56	20°18'58
	-85 Nov 12 j 10:35	0°♏	
desc. node	-85 Nov 25 j 04:10	18°♏57'52	
morning set	-85 Nov 29 j 10:39	25°♏32'07	
	-85 Dec 02 j 07:33	0°♐	
max. Earth dist.	-85 Dec 09 j 17:16	11°♐43'04	1.43557 AU
superior conj	-85 Dec 15 j 15:11	21°♐20'18	-1°49'54
minimum elong	-85 Dec 15 j 09:22	20°♐56'20	1°49'31
	-85 Dec 20 j 19:32	0°♑	
evening rise	-85 Dec 28 j 06:46	12°♑50'54	
	-84 Jan 07 j 07:51	0°♒	
asc. node	-84 Jan 12 j 10:25	7°♒26'36	
evening max el	-84 Jan 14 j 20:50	10°♒13'14	18°10'09
retrograde	-84 Jan 21 j 09:00	13°♒39'27	
evening set	-84 Jan 24 j 04:45	12°♒59'21	
inferior conj	-84 Jan 30 j 11:11	7°♒46'25	3°50'25
minimum elong	-84 Jan 30 j 10:47	7°♒47'29	3°50'25
min. Earth dist.	-84 Feb 02 j 05:02	4°♒53'54	0.62643 AU
morning rise	-84 Feb 05 j 15:48	1°♒48'19	
	-84 Feb 08 j 16:44	30°℞♑	
direct	-84 Feb 12 j 15:47	29°♑09'44	
	-84 Feb 16 j 20:04	0°♒	
desc. node	-84 Feb 21 j 03:20	2°♒21'52	
morning max el	-84 Feb 26 j 14:48	7°♒02'23	27°46'46
	-84 Mar 15 j 03:41	0°♓	
morning set	-84 Mar 31 j 11:25	29°♓21'06	
	-84 Mar 31 j 19:07	0°♈	
max. Earth dist.	-84 Apr 06 j 00:54	10°♈56'51	1.32790 AU
superior conj	-84 Apr 08 j 00:15	15°♈11'37	-0°14'42
minimum elong	-84 Apr 08 j 00:57	15°♈15'24	0°14'34
behind sun begin	-84 Apr 07 j 22:52	15°♈04'08	
behind sun end	-84 Apr 08 j 03:01	15°♈26'40	
asc. node	-84 Apr 09 j 09:43	18°♈13'00	
	-84 Apr 14 j 20:52	0°♉	
evening rise	-84 Apr 15 j 00:24	0°♉18'42	
	-84 May 01 j 15:04	0°♊	
evening max el	-84 May 09 j 03:20	8°♊51'03	23°52'10
desc. node	-84 May 19 j 02:34	15°♊12'36	
retrograde	-84 May 22 j 21:48	15°♊45'32	
evening set	-84 May 27 j 01:44	15°♊07'11	
min. Earth dist.	-84 Jun 02 j 14:21	12°♊00'58	0.56254 AU
inferior conj	-84 Jun 04 j 22:41	10°♊34'54	-4°05'35
minimum elong	-84 Jun 04 j 16:29	10°♊44'26	4°04'26
morning rise	-84 Jun 13 j 10:05	6°♊35'56	
direct	-84 Jun 16 j 01:31	6°♊17'59	
morning max el	-84 Jun 26 j 01:25	10°♊55'40	19°54'46
asc. node	-84 Jul 06 j 08:59	24°♊57'05	
	-84 Jul 09 j 03:46	0°♋	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	-84 Jul 14 j	00:01	9°♋30'41	
superior conj	-84 Jul 21 j	20:24	25°♋25'23	1°46'27
minimum elong	-84 Jul 21 j	19:44	25°♋22'02	1°46'26
	-84 Jul 24 j	03:59	0°♌	
max. Earth dist.	-84 Jul 27 j	09:44	6°♌13'57	1.37011 AU
evening rise	-84 Jul 31 j	06:36	13°♌23'23	
	-84 Aug 09 j	23:54	0°♍	
desc. node	-84 Aug 15 j	01:56	7°♍57'14	
	-84 Aug 31 j	09:30	0°♎	
evening max el	-84 Sep 05 j	02:41	5°♎02'49	25°38'23
retrograde	-84 Sep 17 j	08:04	12°♎03'35	
evening set	-84 Sep 23 j	09:05	9°♎30'53	
min. Earth dist.	-84 Sep 27 j	17:31	4°♎43'05	0.66871 AU
inferior conj	-84 Sep 28 j	21:51	3°♎12'20	-1°10'23
minimum elong	-84 Sep 28 j	23:37	3°♎06'39	1°09'37
	-84 Oct 01 j	12:56	30°℞♍	
asc. node	-84 Oct 02 j	08:12	29°♍08'49	
morning rise	-84 Oct 04 j	14:21	27°♍16'08	
direct	-84 Oct 07 j	21:50	26°♍12'46	
	-84 Oct 14 j	18:55	0°♎	
morning max el	-84 Oct 15 j	00:35	0°♎14'10	19°17'58
	-84 Nov 04 j	22:29	0°♏	
morning set	-84 Nov 07 j	12:50	4°♏02'31	
desc. node	-84 Nov 11 j	01:13	9°♏31'24	
max. Earth dist.	-84 Nov 21 j	07:43	25°♏37'57	1.44649 AU
superior conj	-84 Nov 24 j	06:53	0°♐19'51	-1°19'58
minimum elong	-84 Nov 23 j	22:37	29°♏46'59	1°19'05
	-84 Nov 24 j	01:53	0°♐	
evening rise	-84 Dec 08 j	20:11	23°♐56'55	
	-84 Dec 12 j	11:47	0°♑	
evening max el	-84 Dec 28 j	09:11	23°♑35'07	18°29'01
asc. node	-84 Dec 29 j	07:28	24°♑28'50	
retrograde	-83 Jan 03 j	22:44	27°♑11'52	
evening set	-83 Jan 06 j	23:29	26°♑21'06	
inferior conj	-83 Jan 12 j	21:08	20°♑49'22	3°39'16
minimum elong	-83 Jan 12 j	19:13	20°♑54'58	3°39'02
min. Earth dist.	-83 Jan 14 j	23:45	18°♑22'06	0.64396 AU
morning rise	-83 Jan 18 j	14:26	14°♑43'53	
direct	-83 Jan 25 j	11:26	11°♑52'27	
desc. node	-83 Feb 07 j	00:23	18°♑43'35	
morning max el	-83 Feb 07 j	23:39	19°♑40'27	27°23'01
	-83 Feb 16 j	20:03	0°♒	
	-83 Mar 08 j	03:21	0°♓	
morning set	-83 Mar 15 j	05:02	13°♓14'44	
max. Earth dist.	-83 Mar 20 j	01:19	23°♓00'52	1.33614 AU
superior conj	-83 Mar 23 j	05:37	29°♓40'35	-0°41'34
minimum elong	-83 Mar 23 j	07:37	29°♓51'11	0°41'10
	-83 Mar 23 j	09:17	0°♈	
asc. node	-83 Mar 27 j	06:46	8°♈18'34	
evening rise	-83 Mar 30 j	11:35	15°♈05'52	
	-83 Apr 07 j	00:37	0°♉	
evening max el	-83 Apr 20 j	20:03	19°♉27'13	22°17'04
retrograde	-83 May 03 j	17:19	25°♉47'12	
desc. node	-83 May 05 j	23:35	25°♉35'52	
evening set	-83 May 06 j	14:17	25°♉29'00	
min. Earth dist.	-83 May 15 j	03:01	21°♉49'18	0.55204 AU
inferior conj	-83 May 15 j	23:30	21°♉20'23	-2°43'57
minimum elong	-83 May 15 j	16:41	21°♉30'01	2°41'53
morning rise	-83 May 24 j	20:45	17°♉26'05	
direct	-83 May 27 j	17:29	17°♉07'30	
morning max el	-83 Jun 08 j	08:52	22°♉33'55	21°15'15
	-83 Jun 14 j	18:07	0°♊	
asc. node	-83 Jun 23 j	06:02	14°♊07'42	
morning set	-83 Jun 28 j	07:54	24°♊15'02	

	-83 Jul 01 j	02:08	0°♋	
superior conj	-83 Jul 05 j	17:48	9°♋43'18	1°39'42
minimum elong	-83 Jul 05 j	15:56	9°♋33'36	1°39'34
max. Earth dist.	-83 Jul 09 j	20:26	18°♋05'07	1.35328 AU
evening rise	-83 Jul 14 j	04:18	26°♋30'40	
	-83 Jul 16 j	01:00	0°♌	
desc. node	-83 Aug 01 j	22:57	27°♌57'33	
	-83 Aug 03 j	08:51	0°♍	
evening max el	-83 Aug 18 j	14:38	18°♍38'16	26°37'47
retrograde	-83 Aug 31 j	12:58	25°♍52'20	
evening set	-83 Sep 07 j	03:31	23°♍09'12	
min. Earth dist.	-83 Sep 11 j	04:29	18°♍58'37	0.65973 AU
inferior conj	-83 Sep 12 j	20:44	16°♍58'08	-2°06'20
minimum elong	-83 Sep 12 j	23:55	16°♍48'34	2°05'07
morning rise	-83 Sep 18 j	20:45	11°♍13'23	
asc. node	-83 Sep 19 j	05:15	11°♍02'25	
direct	-83 Sep 21 j	19:36	10°♍24'25	
morning max el	-83 Sep 28 j	11:40	14°♍05'05	18°32'38
	-83 Oct 10 j	00:06	0°♎	
morning set	-83 Oct 18 j	15:05	13°♎47'42	
desc. node	-83 Oct 28 j	22:16	0°♏12'37	
	-83 Oct 28 j	19:04	0°♏	
superior conj	-83 Nov 03 j	07:44	8°♏42'57	-0°34'55
minimum elong	-83 Nov 03 j	03:10	8°♏24'58	0°34'19
max. Earth dist.	-83 Nov 04 j	02:12	9°♏55'34	1.45036 AU
	-83 Nov 16 j	20:15	0°♐	
evening rise	-83 Nov 19 j	09:51	4°♐03'47	
greatest brilliancy	-83 Nov 28 j	11:10	18°♐23'30	-0.8m
	-83 Dec 06 j	03:53	0°♑	
evening max el	-83 Dec 11 j	19:11	7°♑01'29	19°05'27
asc. node	-83 Dec 16 j	04:31	10°♑23'14	
retrograde	-83 Dec 18 j	17:46	10°♑58'59	
evening set	-83 Dec 22 j	00:42	9°♑56'13	
inferior conj	-83 Dec 27 j	16:08	4°♑07'51	3°14'27
minimum elong	-83 Dec 27 j	13:27	4°♑16'17	3°13'51
min. Earth dist.	-83 Dec 29 j	03:37	2°♑16'00	0.65775 AU
	-83 Dec 31 j	01:21	30°℞♐	
morning rise	-82 Jan 02 j	01:57	27°♐57'42	
direct	-82 Jan 08 j	13:18	25°♐07'57	
	-82 Jan 18 j	12:37	0°♑	
morning max el	-82 Jan 21 j	09:16	2°♑40'34	26°29'26
desc. node	-82 Jan 24 j	21:26	6°♑26'53	
	-82 Feb 11 j	01:37	0°♒	
morning set	-82 Feb 26 j	10:51	26°♒28'24	
	-82 Feb 28 j	07:15	0°♓	
max. Earth dist.	-82 Mar 02 j	14:45	4°♓30'39	1.34887 AU
superior conj	-82 Mar 07 j	04:47	13°♓45'51	-1°07'47
minimum elong	-82 Mar 07 j	07:56	14°♓02'07	1°07'14
asc. node	-82 Mar 14 j	03:49	28°♓14'48	
evening rise	-82 Mar 14 j	20:15	29°♓39'50	
	-82 Mar 15 j	00:10	0°♈	
	-82 Apr 02 j	10:40	0°♉	
evening max el	-82 Apr 02 j	20:58	0°♉25'16	20°50'27
retrograde	-82 Apr 14 j	06:21	5°♉55'34	
evening set	-82 Apr 16 j	11:22	5°♉43'57	
desc. node	-82 Apr 22 j	20:35	3°♉21'40	
inferior conj	-82 Apr 25 j	17:40	1°♉46'06	-0°49'32
minimum elong	-82 Apr 25 j	15:19	1°♉49'26	0°48'40
min. Earth dist.	-82 Apr 26 j	15:58	1°♉14'19	0.55050 AU
	-82 Apr 28 j	21:51	30°℞♈	
morning rise	-82 May 04 j	18:45	27°♈38'24	
direct	-82 May 08 j	03:59	27°♈13'41	
	-82 May 16 j	18:51	0°♉	
morning max el	-82 May 21 j	06:12	3°♉31'52	22°51'01

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-82 Jun 08 j 06:09	0°♊	
asc. node	-82 Jun 10 j 03:05	3°♊42'40	
morning set	-82 Jun 12 j 18:43	9°♊10'00	
superior conj	-82 Jun 19 j 22:10	24°♊23'14	1°27'11
minimum elong	-82 Jun 19 j 19:44	24°♊10'17	1°26'55
max. Earth dist.	-82 Jun 22 j 16:40	0°♋13'51	1.34004 AU
	-82 Jun 22 j 14:00	0°♋	
evening rise	-82 Jun 27 j 16:04	10°♋20'35	
	-82 Jul 08 j 10:08	0°♌	
desc. node	-82 Jul 19 j 19:56	17°♌29'33	
	-82 Jul 30 j 01:23	0°♍	
evening max el	-82 Aug 01 j 02:25	2°♍02'48	27°15'24
retrograde	-82 Aug 14 j 12:15	9°♍21'57	
evening set	-82 Aug 21 j 13:11	6°♍36'41	
min. Earth dist.	-82 Aug 25 j 07:29	3°♍02'46	0.64714 AU
inferior conj	-82 Aug 27 j 12:44	0°♍36'44	-3°00'08
minimum elong	-82 Aug 27 j 17:04	0°♍24'49	2°58'43
	-82 Aug 28 j 02:10	30°℞♌	
morning rise	-82 Sep 02 j 21:44	25°♌06'49	
direct	-82 Sep 05 j 14:19	24°♌28'49	
asc. node	-82 Sep 06 j 02:17	24°♌30'08	
morning max el	-82 Sep 12 j 02:30	27°♌57'30	18°04'06
	-82 Sep 13 j 22:51	0°♍	
morning set	-82 Sep 29 j 21:54	24°♍56'56	
	-82 Oct 02 j 22:20	0°♎	
superior conj	-82 Oct 13 j 15:32	17°♎31'42	0°14'13
minimum elong	-82 Oct 13 j 17:14	17°♎38'31	0°13'58
behind sun begin	-82 Oct 13 j 11:47	17°♎16'41	
behind sun end	-82 Oct 13 j 22:41	18°♎00'21	
desc. node	-82 Oct 15 j 19:18	20°♎58'28	
max. Earth dist.	-82 Oct 17 j 21:03	24°♎15'54	1.44681 AU
	-82 Oct 21 j 12:27	0°♏	
evening rise	-82 Oct 30 j 02:17	13°♏20'29	
	-82 Nov 09 j 23:23	0°♐	
greatest brilliancy	-82 Nov 12 j 18:41	4°♐12'04	-0.6m
evening max el	-82 Nov 25 j 00:48	20°♐29'26	19°57'49
retrograde	-82 Dec 02 j 15:13	24°♐56'22	
asc. node	-82 Dec 03 j 01:33	24°♐55'19	
evening set	-82 Dec 06 j 06:01	23°♐39'55	
inferior conj	-82 Dec 11 j 17:20	17°♐37'53	2°39'37
minimum elong	-82 Dec 11 j 14:34	17°♐47'08	2°38'46
min. Earth dist.	-82 Dec 12 j 15:12	16°♐25'05	0.66760 AU
morning rise	-82 Dec 16 j 22:56	11°♐25'00	
direct	-82 Dec 22 j 20:45	8°♐47'52	
morning max el	-81 Jan 03 j 18:11	15°♐52'14	25°14'41
desc. node	-81 Jan 11 j 18:30	25°♐08'12	
	-81 Jan 15 j 10:51	0°♑	
	-81 Feb 03 j 23:23	0°♒	
morning set	-81 Feb 09 j 00:01	8°♒48'22	
max. Earth dist.	-81 Feb 12 j 16:59	15°♒36'29	1.36594 AU
superior conj	-81 Feb 18 j 18:54	27°♒19'27	-1°31'33
minimum elong	-81 Feb 18 j 22:44	27°♒38'25	1°31'03
	-81 Feb 20 j 03:12	0°♓	
evening rise	-81 Feb 27 j 00:18	13°♓54'07	
asc. node	-81 Mar 01 j 00:51	17°♓56'54	
	-81 Mar 07 j 12:14	0°♈	
evening max el	-81 Mar 16 j 09:04	12°♈00'00	19°40'11
retrograde	-81 Mar 26 j 01:25	16°♈38'50	
evening set	-81 Mar 28 j 04:29	16°♈26'22	
inferior conj	-81 Apr 05 j 19:47	12°♈22'56	1°05'42
minimum elong	-81 Apr 05 j 22:29	12°♈18'39	1°04'47
min. Earth dist.	-81 Apr 08 j 06:18	10°♈51'02	0.55841 AU
desc. node	-81 Apr 09 j 17:37	9°♈58'27	
morning rise	-81 Apr 14 j 13:59	7°♈45'19	
direct	-81 Apr 18 j 21:40	7°♈03'37	
morning max el	-81 May 02 j 21:42	14°♈05'09	24°31'59
	-81 May 15 j 08:24	0°♉	
morning set	-81 May 28 j 06:40	24°♉08'54	
asc. node	-81 May 28 j 00:07	23°♉34'29	
	-81 May 31 j 00:27	0°♊	
superior conj	-81 Jun 04 j 06:57	9°♊16'12	1°10'08
minimum elong	-81 Jun 04 j 04:31	9°♊02'59	1°09'45
max. Earth dist.	-81 Jun 05 j 21:23	12°♊44'01	1.33068 AU
evening rise	-81 Jun 11 j 13:50	24°♊40'22	
	-81 Jun 14 j 05:52	0°♋	
	-81 Jul 01 j 23:39	0°♌	
desc. node	-81 Jul 06 j 16:56	6°♌20'32	
evening max el	-81 Jul 14 j 12:13	15°♌03'11	27°24'53
retrograde	-81 Jul 28 j 05:39	22°♌22'33	
evening set	-81 Aug 04 j 10:42	19°♌47'03	
min. Earth dist.	-81 Aug 08 j 00:46	16°♌44'43	0.63094 AU
inferior conj	-81 Aug 10 j 19:07	14°♌01'17	-3°48'27
minimum elong	-81 Aug 10 j 23:52	13°♌49'30	3°47'18
morning rise	-81 Aug 17 j 14:15	8°♌49'27	
direct	-81 Aug 20 j 02:59	8°♌19'19	
asc. node	-81 Aug 23 j 23:20	9°♌30'11	
morning max el	-81 Aug 26 j 18:14	11°♌44'35	17°53'13
	-81 Sep 08 j 01:45	0°♍	
morning set	-81 Sep 12 j 04:46	7°♍14'49	
superior conj	-81 Sep 23 j 23:03	27°♍31'48	0°55'53
minimum elong	-81 Sep 24 j 03:54	27°♍52'05	0°55'16
	-81 Sep 25 j 10:39	0°♎	
max. Earth dist.	-81 Sep 30 j 12:43	8°♎18'34	1.43638 AU
desc. node	-81 Oct 02 j 16:18	11°♎45'12	
evening rise	-81 Oct 09 j 09:00	22°♎16'01	
	-81 Oct 14 j 10:02	0°♏	
	-81 Nov 04 j 12:33	0°♐	
evening max el	-81 Nov 08 j 00:47	3°♐57'31	21°03'44
retrograde	-81 Nov 16 j 12:45	9°♐00'10	
asc. node	-81 Nov 19 j 22:35	7°♐54'31	
evening set	-81 Nov 20 j 13:23	7°♐28'17	
inferior conj	-81 Nov 25 j 22:24	1°♐15'58	1°57'14
minimum elong	-81 Nov 25 j 20:02	1°♐24'04	1°56'22
min. Earth dist.	-81 Nov 26 j 08:15	0°♐42'06	0.67371 AU
	-81 Nov 26 j 20:34	30°℞♏	
morning rise	-81 Dec 01 j 02:31	25°♏02'23	
direct	-81 Dec 06 j 09:17	22°♏44'33	
morning max el	-81 Dec 17 j 02:49	29°♏08'33	23°48'45
	-81 Dec 17 j 22:48	0°♐	
desc. node	-81 Dec 29 j 15:33	14°♐30'33	
	-80 Jan 09 j 06:22	0°♑	
morning set	-80 Jan 21 j 14:26	19°♑58'07	
max. Earth dist.	-80 Jan 25 j 12:20	26°♑46'24	1.38620 AU
	-80 Jan 27 j 07:42	0°♒	
superior conj	-80 Feb 01 j 20:17	10°♒11'39	-1°50'24
minimum elong	-80 Feb 01 j 23:44	10°♒27'56	1°50'08
evening rise	-80 Feb 10 j 21:11	27°♒41'42	
	-80 Feb 12 j 01:34	0°♓	
asc. node	-80 Feb 15 j 21:53	7°♓19'27	
evening max el	-80 Feb 27 j 07:41	24°♓12'41	18°49'25
retrograde	-80 Mar 06 j 12:25	28°♓10'52	
evening set	-80 Mar 08 j 19:57	27°♓53'09	
inferior conj	-80 Mar 16 j 16:17	23°♓33'42	2°33'48
minimum elong	-80 Mar 16 j 20:40	23°♓25'42	2°32'39
min. Earth dist.	-80 Mar 19 j 23:00	21°♓10'58	0.57404 AU
morning rise	-80 Mar 24 j 18:22	18°♓23'20	
desc. node	-80 Mar 26 j 14:40	17°♓42'54	
direct	-80 Mar 30 j 05:21	17°♓10'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-80 Apr 13 j 13:15	24°♓40'13	26°03'29
	-80 Apr 18 j 10:46	0°♈	
	-80 May 07 j 06:48	0°♉	
morning set	-80 May 11 j 18:08	9°♉06'08	
asc. node	-80 May 13 j 21:10	13°♉37'45	
superior conj	-80 May 18 j 18:08	24°♉15'21	0°49'30
minimum elong	-80 May 18 j 16:09	24°♉04'31	0°49'08
max. Earth dist.	-80 May 19 j 07:54	25°♉30'50	1.32518 AU
	-80 May 21 j 09:15	0°♊	
evening rise	-80 May 25 j 18:31	9°♊20'23	
	-80 Jun 05 j 14:13	0°♋	
desc. node	-80 Jun 22 j 13:56	24°♋13'12	
evening max el	-80 Jun 25 j 17:48	27°♋27'47	27°02'02
	-80 Jun 28 j 15:19	0°♌	
retrograde	-80 Jul 09 j 16:11	4°♌44'45	
evening set	-80 Jul 16 j 15:56	2°♌33'13	
	-80 Jul 20 j 03:36	30°℞♋	
min. Earth dist.	-80 Jul 20 j 07:55	29°♋51'03	0.61177 AU
inferior conj	-80 Jul 23 j 12:39	27°♋04'18	-4°26'03
minimum elong	-80 Jul 23 j 16:27	26°♋56'00	4°25'29
morning rise	-80 Jul 30 j 18:41	22°♋13'13	
direct	-80 Aug 02 j 05:58	21°♋48'25	
morning max el	-80 Aug 09 j 07:53	25°♋19'04	18°01'02
asc. node	-80 Aug 09 j 20:24	25°♋50'25	
	-80 Aug 13 j 06:19	0°♌	
morning set	-80 Aug 25 j 05:44	20°♌24'55	
	-80 Aug 30 j 10:55	0°♍	
superior conj	-80 Sep 04 j 09:52	8°♍52'40	1°24'56
minimum elong	-80 Sep 04 j 14:18	9°♍12'07	1°24'30
max. Earth dist.	-80 Sep 11 j 23:13	21°♍48'18	1.42052 AU
	-80 Sep 16 j 23:43	0°♎	
evening rise	-80 Sep 18 j 00:14	1°♎37'59	
desc. node	-80 Sep 18 j 13:18	2°♎29'52	
	-80 Oct 06 j 22:01	0°♏	
evening max el	-80 Oct 20 j 19:08	17°♏26'34	22°19'21
retrograde	-80 Oct 30 j 08:30	23°♏07'34	
evening set	-80 Nov 03 j 21:01	21°♏18'31	
asc. node	-80 Nov 05 j 19:38	19°♏24'26	
inferior conj	-80 Nov 09 j 05:17	14°♏59'37	1°09'08
minimum elong	-80 Nov 09 j 03:45	15°♏04'56	1°08'30
min. Earth dist.	-80 Nov 09 j 04:17	15°♏03'04	0.67648 AU
morning rise	-80 Nov 14 j 10:19	8°♏47'36	
direct	-80 Nov 19 j 02:04	6°♏52'00	
morning max el	-80 Nov 28 j 13:53	12°♏29'09	22°21'19
	-80 Dec 12 j 11:28	0°♐	
desc. node	-80 Dec 15 j 12:34	4°♐21'48	
morning set	-79 Jan 01 j 00:21	29°♐43'05	
	-79 Jan 01 j 04:31	0°♑	
max. Earth dist.	-79 Jan 06 j 08:45	8°♑34'40	1.40741 AU
superior conj	-79 Jan 14 j 04:06	22°♑09'34	-2°00'55
minimum elong	-79 Jan 14 j 05:22	22°♑15'18	2°00'54
	-79 Jan 18 j 11:33	0°♒	
evening rise	-79 Jan 24 j 07:40	10°♒53'56	
asc. node	-79 Feb 01 j 18:57	26°♒14'57	
	-79 Feb 04 j 03:10	0°♓	
evening max el	-79 Feb 09 j 13:59	6°♓54'54	18°18'42
retrograde	-79 Feb 16 j 18:06	10°♓28'39	
evening set	-79 Feb 19 j 06:53	10°♓03'05	
inferior conj	-79 Feb 26 j 09:46	5°♓22'58	3°26'33
minimum elong	-79 Feb 26 j 12:49	5°♓16'27	3°26'05
min. Earth dist.	-79 Mar 01 j 19:46	2°♓29'38	0.59411 AU
	-79 Mar 05 j 07:59	30°℞♒	
morning rise	-79 Mar 05 j 16:28	29°♒47'42	
direct	-79 Mar 12 j 02:01	27°♒57'17	
desc. node	-79 Mar 13 j 11:43	28°♒02'30	
	-79 Mar 19 j 02:36	0°♓	
morning max el	-79 Mar 26 j 09:19	5°♓40'52	27°10'58
	-79 Apr 13 j 10:42	0°♈	
morning set	-79 Apr 26 j 03:23	23°♈55'01	
	-79 Apr 29 j 00:17	0°♉	
asc. node	-79 Apr 30 j 18:13	3°♉47'02	
superior conj	-79 May 03 j 05:54	9°♉13'44	0°26'04
minimum elong	-79 May 03 j 04:46	9°♉07'28	0°25'49
max. Earth dist.	-79 May 02 j 20:39	8°♉22'56	1.32334 AU
evening rise	-79 May 10 j 03:35	24°♉11'31	
	-79 May 12 j 23:04	0°♊	
	-79 May 30 j 18:01	0°♋	
evening max el	-79 Jun 07 j 17:06	9°♋08'12	26°06'51
desc. node	-79 Jun 09 j 10:57	10°♋43'07	
retrograde	-79 Jun 21 j 18:05	16°♋21'04	
evening set	-79 Jun 28 j 00:17	14°♋45'25	
min. Earth dist.	-79 Jul 02 j 05:55	12°♋06'52	0.59118 AU
inferior conj	-79 Jul 05 j 13:46	9°♋36'12	-4°44'28
minimum elong	-79 Jul 05 j 14:33	9°♋34'41	4°44'26
morning rise	-79 Jul 13 j 07:04	5°♋07'25	
direct	-79 Jul 15 j 19:07	4°♋46'04	
morning max el	-79 Jul 23 j 16:24	8°♋32'23	18°28'46
asc. node	-79 Jul 27 j 17:27	13°♋15'19	
	-79 Aug 06 j 14:40	0°♌	
morning set	-79 Aug 08 j 19:46	4°♌13'48	
superior conj	-79 Aug 17 j 19:58	21°♌23'04	1°41'21
minimum elong	-79 Aug 17 j 22:23	21°♌34'16	1°41'12
	-79 Aug 22 j 13:43	0°♍	
max. Earth dist.	-79 Aug 25 j 04:52	4°♍37'31	1.40126 AU
evening rise	-79 Aug 29 j 13:21	12°♍02'00	
desc. node	-79 Sep 05 j 10:19	23°♍09'04	
	-79 Sep 09 j 21:02	0°♎	
	-79 Oct 02 j 10:11	0°♏	
evening max el	-79 Oct 03 j 09:16	0°♏58'57	23°39'21
retrograde	-79 Oct 14 j 01:09	7°♏16'14	
evening set	-79 Oct 19 j 03:20	5°♏09'08	
asc. node	-79 Oct 23 j 16:41	29°♎54'05	
	-79 Oct 23 j 14:56	30°℞♎	
min. Earth dist.	-79 Oct 24 j 00:52	29°♎26'16	0.67606 AU
inferior conj	-79 Oct 24 j 12:15	28°♎47'24	0°16'53
minimum elong	-79 Oct 24 j 11:51	28°♎48'47	0°16'43
morning rise	-79 Oct 29 j 20:18	22°♎39'30	
direct	-79 Nov 02 j 22:07	21°♎06'06	
morning max el	-79 Nov 11 j 06:59	25°♎58'53	21°00'24
	-79 Nov 14 j 21:18	0°♏	
desc. node	-79 Dec 02 j 09:37	24°♏34'10	
	-79 Dec 05 j 23:33	0°♐	
morning set	-79 Dec 11 j 07:15	8°♐13'35	
max. Earth dist.	-79 Dec 19 j 12:31	21°♐20'34	1.42661 AU
	-79 Dec 24 j 18:07	0°♑	
superior conj	-79 Dec 26 j 12:56	3°♑00'47	-1°58'43
minimum elong	-79 Dec 26 j 09:56	2°♑48'05	1°58'37
evening rise	-78 Jan 07 j 04:01	23°♑23'16	
	-78 Jan 10 j 20:46	0°♒	
asc. node	-78 Jan 19 j 16:00	14°♒34'59	
evening max el	-78 Jan 24 j 00:51	19°♒57'50	18°07'42
retrograde	-78 Jan 30 j 15:50	23°♒22'53	
evening set	-78 Feb 02 j 09:11	22°♒48'12	
inferior conj	-78 Feb 08 j 22:02	17°♒46'41	3°48'36
minimum elong	-78 Feb 08 j 22:49	17°♒44'45	3°48'35
min. Earth dist.	-78 Feb 11 j 23:28	14°♒47'39	0.61509 AU
morning rise	-78 Feb 15 j 11:05	11°♒55'08	
direct	-78 Feb 22 j 08:49	9°♒31'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	-78 Feb 28 j 08:47	11°♒07'29	
morning max el	-78 Mar 08 j 11:43	17°♒21'21	27°44'27
	-78 Mar 19 j 00:24	0°♓	
	-78 Apr 06 j 02:11	0°♈	
morning set	-78 Apr 10 j 08:32	8°♈29'02	
max. Earth dist.	-78 Apr 16 j 07:54	21°♈07'28	1.32516 AU
superior conj	-78 Apr 17 j 16:36	24°♈05'21	0°00'35
minimum elong	-78 Apr 17 j 16:34	24°♈05'11	0°00'34
behind sun begin	-78 Apr 17 j 11:29	23°♈37'28	
behind sun end	-78 Apr 17 j 21:39	24°♈32'56	
asc. node	-78 Apr 17 j 15:17	23°♈58'08	
	-78 Apr 20 j 09:33	0°♉	
evening rise	-78 Apr 24 j 14:55	9°♉06'24	
	-78 May 05 j 11:07	0°♊	
evening max el	-78 May 20 j 09:57	20°♊06'16	24°45'39
desc. node	-78 May 27 j 08:00	25°♊17'34	
retrograde	-78 Jun 03 j 09:01	27°♊10'39	
evening set	-78 Jun 08 j 09:32	26°♊13'29	
min. Earth dist.	-78 Jun 13 j 21:23	23°♊21'37	0.57184 AU
inferior conj	-78 Jun 16 j 19:18	21°♊27'14	-4°31'50
minimum elong	-78 Jun 16 j 15:27	21°♊33'34	4°31'25
morning rise	-78 Jun 25 j 00:09	17°♊19'27	
direct	-78 Jun 27 j 14:17	17°♊00'28	
morning max el	-78 Jul 06 j 16:47	21°♊14'53	19°17'23
	-78 Jul 13 j 15:46	0°♋	
asc. node	-78 Jul 14 j 14:30	1°♋30'16	
morning set	-78 Jul 23 j 18:53	18°♋30'10	
	-78 Jul 29 j 13:13	0°♌	
superior conj	-78 Jul 31 j 23:31	4°♌46'11	1°47'06
minimum elong	-78 Jul 31 j 23:50	4°♌47'45	1°47'06
max. Earth dist.	-78 Aug 07 j 08:12	16°♌47'52	1.38111 AU
evening rise	-78 Aug 11 j 03:12	23°♌35'55	
	-78 Aug 14 j 20:26	0°♍	
desc. node	-78 Aug 23 j 07:20	13°♍37'54	
	-78 Sep 03 j 15:14	0°♎	
evening max el	-78 Sep 15 j 21:06	14°♎34'20	24°57'18
retrograde	-78 Sep 27 j 13:45	21°♎21'44	
evening set	-78 Oct 03 j 06:35	18°♎57'20	
min. Earth dist.	-78 Oct 07 j 19:31	13°♎49'06	0.67241 AU
inferior conj	-78 Oct 08 j 17:32	12°♎36'34	-0°38'05
minimum elong	-78 Oct 08 j 18:29	12°♎33'27	0°37'40
asc. node	-78 Oct 10 j 13:43	10°♎14'40	
morning rise	-78 Oct 14 j 06:29	6°♎35'30	
direct	-78 Oct 17 j 20:04	5°♎22'10	
morning max el	-78 Oct 25 j 07:50	9°♎39'13	19°51'13
	-78 Nov 09 j 10:26	0°♏	
desc. node	-78 Nov 19 j 06:39	15°♏01'15	
morning set	-78 Nov 20 j 03:49	16°♏22'57	
	-78 Nov 28 j 21:15	0°♐	
max. Earth dist.	-78 Dec 01 j 23:59	4°♐56'05	1.44108 AU
superior conj	-78 Dec 06 j 18:55	12°♐37'30	-1°39'26
minimum elong	-78 Dec 06 j 11:26	12°♐07'13	1°38'49
	-78 Dec 17 j 06:48	0°♑	
evening rise	-78 Dec 20 j 05:54	5°♑01'38	
	-77 Jan 04 j 18:33	0°♒	
asc. node	-77 Jan 06 j 13:02	2°♒08'57	
evening max el	-77 Jan 07 j 13:20	3°♒13'55	18°15'54
retrograde	-77 Jan 14 j 01:04	6°♒43'26	
evening set	-77 Jan 16 j 22:52	5°♒58'52	
inferior conj	-77 Jan 23 j 01:10	0°♒37'23	3°47'40
minimum elong	-77 Jan 23 j 00:02	0°♒40'32	3°47'36
	-77 Jan 23 j 14:39	30°℞♑	
min. Earth dist.	-77 Jan 25 j 12:31	27°♑54'08	0.63427 AU
morning rise	-77 Jan 29 j 00:27	24°♑35'37	
direct	-77 Feb 04 j 24:00	21°♑50'05	
desc. node	-77 Feb 15 j 05:51	26°♑27'46	
morning max el	-77 Feb 18 j 19:11	29°♑41'39	27°40'57
	-77 Feb 19 j 02:30	0°♒	
	-77 Mar 12 j 22:45	0°♓	
morning set	-77 Mar 25 j 07:13	22°♓40'28	
	-77 Mar 28 j 21:24	0°♈	
max. Earth dist.	-77 Mar 30 j 13:33	3°♈30'31	1.33084 AU
superior conj	-77 Apr 02 j 00:28	8°♈44'30	-0°26'05
minimum elong	-77 Apr 02 j 01:43	8°♈51'12	0°25'49
asc. node	-77 Apr 04 j 12:20	14°♈07'08	
evening rise	-77 Apr 09 j 02:41	23°♈58'25	
	-77 Apr 12 j 00:32	0°♉	
	-77 May 01 j 07:38	0°♊	
evening max el	-77 May 02 j 00:31	0°♊41'40	23°11'25
desc. node	-77 May 14 j 05:02	7°♊20'42	
retrograde	-77 May 15 j 11:49	7°♊24'26	
evening set	-77 May 19 j 01:33	6°♊56'25	
min. Earth dist.	-77 May 26 j 10:13	3°♊37'40	0.55707 AU
inferior conj	-77 May 28 j 05:12	2°♊34'45	-3°36'25
minimum elong	-77 May 27 j 22:04	2°♊45'14	3°34'42
	-77 Jun 02 j 00:01	30°℞♉	
morning rise	-77 Jun 05 j 21:15	28°♉40'11	
direct	-77 Jun 08 j 14:23	28°♉22'27	
	-77 Jun 14 j 17:56	0°♊	
morning max el	-77 Jun 19 j 06:52	3°♊19'09	20°26'45
asc. node	-77 Jul 01 j 11:34	20°♊23'51	
	-77 Jul 06 j 11:23	0°♋	
morning set	-77 Jul 08 j 00:15	3°♋06'44	
superior conj	-77 Jul 15 j 15:35	18°♋48'20	1°44'23
minimum elong	-77 Jul 15 j 14:20	18°♋41'57	1°44'20
max. Earth dist.	-77 Jul 20 j 14:25	28°♋37'51	1.36254 AU
	-77 Jul 21 j 07:27	0°♌	
evening rise	-77 Jul 24 j 14:43	6°♌13'16	
	-77 Aug 07 j 15:39	0°♍	
desc. node	-77 Aug 10 j 04:22	3°♍50'56	
evening max el	-77 Aug 29 j 08:33	28°♍10'57	26°05'39
	-77 Aug 31 j 07:38	0°♎	
retrograde	-77 Sep 10 j 21:45	5°♎18'56	
evening set	-77 Sep 17 j 04:54	2°♎40'39	
	-77 Sep 19 j 20:44	30°℞♍	
min. Earth dist.	-77 Sep 21 j 09:58	28°♍08'48	0.66539 AU
inferior conj	-77 Sep 22 j 19:20	26°♍24'44	-1°34'12
minimum elong	-77 Sep 22 j 21:44	26°♍17'17	1°33'14
asc. node	-77 Sep 27 j 10:46	21°♍22'38	
morning rise	-77 Sep 28 j 14:54	20°♍33'17	
direct	-77 Oct 01 j 18:21	19°♍36'39	
morning max el	-77 Oct 08 j 15:47	23°♍28'01	18°56'40
	-77 Oct 14 j 00:29	0°♎	
morning set	-77 Oct 30 j 14:39	25°♎21'15	
	-77 Nov 02 j 13:30	0°♏	
desc. node	-77 Nov 06 j 03:41	5°♏38'31	
max. Earth dist.	-77 Nov 14 j 16:25	19°♏02'30	1.44904 AU
superior conj	-77 Nov 16 j 02:01	21°♏14'51	-1°02'09
minimum elong	-77 Nov 15 j 18:35	20°♏45'33	1°01'17
	-77 Nov 21 j 14:44	0°♐	
evening rise	-77 Dec 01 j 09:21	15°♐42'34	
	-77 Dec 10 j 05:01	0°♑	
evening max el	-77 Dec 22 j 00:50	16°♑37'34	18°42'25
asc. node	-77 Dec 24 j 10:03	18°♑43'55	
retrograde	-77 Dec 28 j 17:32	20°♑22'27	
evening set	-77 Dec 31 j 20:38	19°♑26'53	
inferior conj	-76 Jan 06 j 15:20	13°♑47'39	3°30'11
minimum elong	-76 Jan 06 j 13:01	13°♑54'42	3°29'47

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-76 Jan 08 j 11:24	11°♑34'29	0.65025 AU
morning rise	-76 Jan 12 j 04:59	7°♑39'37	
direct	-76 Jan 18 j 22:22	4°♑47'15	
morning max el	-76 Feb 01 j 04:48	12°♑31'07	27°03'28
desc. node	-76 Feb 02 j 02:54	13°♑27'32	
	-76 Feb 15 j 06:19	0°♒	
	-76 Mar 04 j 12:12	0°♓	
morning set	-76 Mar 07 j 20:18	6°♓18'37	
max. Earth dist.	-76 Mar 12 j 09:33	15°♓19'47	1.34090 AU
superior conj	-76 Mar 16 j 03:27	23°♓03'51	-0°52'52
minimum elong	-76 Mar 16 j 05:58	23°♓17'05	0°52'23
	-76 Mar 19 j 10:20	0°♈	
asc. node	-76 Mar 21 j 09:22	4°♈09'04	
evening rise	-76 Mar 23 j 13:00	8°♈40'20	
	-76 Apr 03 j 22:05	0°♉	
evening max el	-76 Apr 12 j 19:56	11°♉23'44	21°38'41
retrograde	-76 Apr 25 j 03:52	17°♉24'33	
evening set	-76 Apr 27 j 15:39	17°♉10'33	
desc. node	-76 Apr 30 j 02:04	16°♉31'46	
inferior conj	-76 May 07 j 01:30	13°♉08'21	-1°57'53
minimum elong	-76 May 06 j 20:07	13°♉15'53	1°56'04
min. Earth dist.	-76 May 06 j 23:06	13°♉11'43	0.55011 AU
morning rise	-76 May 16 j 01:26	9°♉10'38	
direct	-76 May 19 j 01:57	8°♉50'34	
morning max el	-76 May 31 j 09:51	14°♉39'50	21°54'35
	-76 Jun 12 j 00:30	0°♊	
asc. node	-76 Jun 17 j 08:37	9°♊45'37	
morning set	-76 Jun 21 j 09:35	17°♊56'07	
	-76 Jun 27 j 02:54	0°♋	
superior conj	-76 Jun 28 j 16:19	3°♋16'54	1°35'01
minimum elong	-76 Jun 28 j 14:08	3°♋05'27	1°34'50
max. Earth dist.	-76 Jul 02 j 04:40	10°♋33'10	1.34715 AU
evening rise	-76 Jul 06 j 18:57	19°♋40'19	
	-76 Jul 12 j 08:15	0°♌	
desc. node	-76 Jul 27 j 01:22	23°♌40'32	
	-76 Jul 31 j 16:01	0°♍	
evening max el	-76 Aug 10 j 20:25	11°♍42'44	26°56'46
retrograde	-76 Aug 24 j 00:35	19°♍00'40	
evening set	-76 Aug 30 j 19:59	16°♍15'17	
min. Earth dist.	-76 Sep 03 j 17:53	12°♍20'29	0.65482 AU
inferior conj	-76 Sep 05 j 15:36	10°♍08'12	-2°29'35
minimum elong	-76 Sep 05 j 19:20	9°♍57'23	2°28'15
morning rise	-76 Sep 11 j 19:18	4°♍29'22	
asc. node	-76 Sep 13 j 07:48	3°♍54'59	
direct	-76 Sep 14 j 15:04	3°♍45'38	
morning max el	-76 Sep 21 j 04:49	7°♍20'31	18°18'18
	-76 Oct 06 j 17:22	0°♎	
morning set	-76 Oct 10 j 05:14	5°♎42'59	
desc. node	-76 Oct 23 j 00:42	26°♎22'11	
superior conj	-76 Oct 25 j 03:09	29°♎41'56	-0°13'48
minimum elong	-76 Oct 25 j 01:21	29°♎34'49	0°13'33
behind sun begin	-76 Oct 24 j 19:08	29°♎10'15	
behind sun end	-76 Oct 25 j 07:34	29°♎59'22	
	-76 Oct 25 j 07:44	0°♏	
max. Earth dist.	-76 Oct 27 j 10:55	3°♏21'46	1.44971 AU
evening rise	-76 Nov 10 j 13:10	25°♏25'50	
	-76 Nov 13 j 11:19	0°♐	
greatest brilliancy	-76 Nov 21 j 21:13	13°♐03'16	-0.7m
	-76 Dec 04 j 07:08	0°♑	
evening max el	-76 Dec 04 j 09:11	0°♑05'18	19°25'57
asc. node	-76 Dec 10 j 07:05	4°♑05'18	
retrograde	-76 Dec 11 j 13:53	4°♑14'30	
evening set	-76 Dec 14 j 23:51	3°♑06'20	
	-76 Dec 18 j 07:25	30°℞♐	
inferior conj	-76 Dec 20 j 13:19	27°♐12'00	3°00'44
minimum elong	-76 Dec 20 j 10:31	27°♐21'02	3°00'00
min. Earth dist.	-76 Dec 21 j 18:54	25°♐36'14	0.66240 AU
morning rise	-76 Dec 25 j 20:57	21°♐00'18	
direct	-75 Jan 01 j 02:56	18°♐14'30	
morning max el	-75 Jan 13 j 14:07	25°♐37'21	25°59'34
	-75 Jan 17 j 14:43	0°♑	
desc. node	-75 Jan 18 j 23:55	1°♑38'12	
	-75 Feb 07 j 18:42	0°♒	
morning set	-75 Feb 18 j 19:41	19°♒11'31	
max. Earth dist.	-75 Feb 22 j 17:37	26°♒35'24	1.35559 AU
	-75 Feb 24 j 11:37	0°♓	
superior conj	-75 Feb 27 j 23:09	6°♓56'51	-1°18'18
minimum elong	-75 Feb 28 j 02:41	7°♓14'45	1°17'45
evening rise	-75 Mar 07 j 19:57	23°♓06'29	
asc. node	-75 Mar 08 j 06:24	23°♓59'50	
	-75 Mar 11 j 06:15	0°♈	
evening max el	-75 Mar 26 j 01:36	22°♈36'47	20°18'22
retrograde	-75 Apr 05 j 17:28	27°♈44'02	
evening set	-75 Apr 07 j 20:16	27°♈32'47	
inferior conj	-75 Apr 16 j 21:17	23°♈34'48	0°01'18
minimum elong	-75 Apr 16 j 21:20	23°♈34'43	0°01'16
transit middle	-75 Apr 16 j 21:20	23°♈34'43	0°01'16
transit begin	-75 Apr 16 j 17:19	23°♈40'38	
transit end	-75 Apr 17 j 01:21	23°♈28'47	
desc. node	-75 Apr 16 j 23:05	23°♈32'08	
min. Earth dist.	-75 Apr 18 j 12:47	22°♈36'42	0.55276 AU
morning rise	-75 Apr 25 j 20:46	19°♈15'25	
direct	-75 Apr 29 j 14:37	18°♈44'53	
morning max el	-75 May 13 j 03:53	25°♈23'48	23°34'04
	-75 May 17 j 10:59	0°♉	
asc. node	-75 Jun 04 j 05:40	29°♉28'03	
	-75 Jun 04 j 11:52	0°♊	
morning set	-75 Jun 05 j 21:03	2°♊52'45	
superior conj	-75 Jun 12 j 22:49	18°♊02'48	1°20'28
minimum elong	-75 Jun 12 j 20:19	17°♊49'23	1°20'07
max. Earth dist.	-75 Jun 15 j 04:39	22°♊50'10	1.33560 AU
	-75 Jun 18 j 15:07	0°♋	
evening rise	-75 Jun 20 j 11:24	3°♋44'06	
	-75 Jul 05 j 02:27	0°♌	
desc. node	-75 Jul 13 j 22:23	12°♌56'41	
evening max el	-75 Jul 24 j 07:48	24°♌59'04	27°23'17
	-75 Jul 30 j 16:33	0°♍	
retrograde	-75 Aug 06 j 21:31	2°♍18'38	
	-75 Aug 13 j 11:54	30°℞♌	
evening set	-75 Aug 14 j 00:56	29°♌36'13	
min. Earth dist.	-75 Aug 17 j 17:06	26°♌16'21	0.64065 AU
inferior conj	-75 Aug 20 j 03:53	23°♌41'48	-3°21'36
minimum elong	-75 Aug 20 j 08:32	23°♌29'34	3°20'14
morning rise	-75 Aug 26 j 17:03	18°♌18'52	
direct	-75 Aug 29 j 07:40	17°♌44'34	
asc. node	-75 Aug 31 j 04:52	18°♌02'40	
morning max el	-75 Sep 04 j 20:19	21°♌11'03	17°57'10
	-75 Sep 11 j 13:12	0°♍	
morning set	-75 Sep 21 j 23:04	17°♍23'50	
	-75 Sep 29 j 09:29	0°♎	
superior conj	-75 Oct 04 j 19:45	8°♎57'21	0°33'16
minimum elong	-75 Oct 04 j 23:19	9°♎11'52	0°32'47
desc. node	-75 Oct 09 j 21:42	17°♎08'37	
max. Earth dist.	-75 Oct 10 j 04:41	17°♎36'26	1.44319 AU
	-75 Oct 18 j 02:00	0°♏	
evening rise	-75 Oct 20 j 23:27	4°♏28'26	
	-75 Nov 06 j 23:16	0°♐	
evening max el	-75 Nov 17 j 12:36	13°♐33'46	20°24'29

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-75 Nov 25 j 11:29	18°♐14'52	
asc. node	-75 Nov 27 j 04:08	17°♐58'32	
evening set	-75 Nov 29 j 06:15	16°♐52'05	
inferior conj	-75 Dec 04 j 16:25	10°♐45'31	2°22'24
minimum elong	-75 Dec 04 j 13:46	10°♐54'30	2°21'31
min. Earth dist.	-75 Dec 05 j 09:02	9°♐49'20	0.67070 AU
morning rise	-75 Dec 09 j 21:05	4°♐32'16	
direct	-75 Dec 15 j 12:43	2°♐02'33	
morning max el	-75 Dec 26 j 22:27	8°♐50'24	24°38'47
desc. node	-74 Jan 05 j 20:57	20°♐38'25	
	-74 Jan 12 j 14:40	0°♑	
	-74 Jan 31 j 09:32	0°♒	
morning set	-74 Jan 31 j 23:53	1°♒02'59	
max. Earth dist.	-74 Feb 04 j 15:51	7°♒37'25	1.37434 AU
superior conj	-74 Feb 11 j 08:21	20°♒14'03	-1°40'20
minimum elong	-74 Feb 11 j 12:11	20°♒32'41	1°39'55
	-74 Feb 16 j 07:10	0°♓	
evening rise	-74 Feb 19 j 21:15	7°♓09'53	
asc. node	-74 Feb 23 j 03:27	13°♓34'08	
	-74 Mar 04 j 21:33	0°♈	
evening max el	-74 Mar 08 j 18:27	4°♈27'57	19°16'06
retrograde	-74 Mar 17 j 18:09	8°♈47'13	
evening set	-74 Mar 19 j 23:01	8°♈32'47	
inferior conj	-74 Mar 28 j 06:17	4°♈23'22	1°47'21
minimum elong	-74 Mar 28 j 10:11	4°♈16'52	1°46'08
min. Earth dist.	-74 Mar 31 j 03:39	2°♈28'10	0.56435 AU
desc. node	-74 Apr 03 j 20:07	0°♈21'06	
	-74 Apr 04 j 14:22	30°♓	
morning rise	-74 Apr 05 j 18:30	29°♓31'47	
direct	-74 Apr 10 j 14:05	28°♓38'23	
	-74 Apr 16 j 13:05	0°♈	
morning max el	-74 Apr 24 j 18:24	5°♈52'57	25°13'04
	-74 May 12 j 05:24	0°♉	
morning set	-74 May 21 j 08:59	17°♉51'23	
asc. node	-74 May 22 j 02:43	19°♉25'11	
	-74 May 27 j 00:05	0°♊	
superior conj	-74 May 28 j 08:50	2°♊58'48	1°01'47
minimum elong	-74 May 28 j 06:32	2°♊46'18	1°01'23
max. Earth dist.	-74 May 29 j 12:26	5°♊29'06	1.32789 AU
evening rise	-74 Jun 04 j 12:28	18°♊13'34	
	-74 Jun 10 j 12:04	0°♋	
	-74 Jun 29 j 15:29	0°♌	
desc. node	-74 Jun 30 j 19:24	1°♌25'28	
evening max el	-74 Jul 06 j 16:22	7°♌46'33	27°19'21
retrograde	-74 Jul 20 j 11:54	15°♌04'10	
evening set	-74 Jul 27 j 16:06	12°♌37'24	
min. Earth dist.	-74 Jul 31 j 06:04	9°♌45'22	0.62308 AU
inferior conj	-74 Aug 03 j 05:17	6°♌58'47	-4°06'10
minimum elong	-74 Aug 03 j 09:51	6°♌48'03	4°05'13
morning rise	-74 Aug 10 j 04:57	1°♌55'16	
direct	-74 Aug 12 j 16:55	1°♌27'31	
asc. node	-74 Aug 18 j 01:56	3°♌38'50	
morning max el	-74 Aug 19 j 11:32	4°♌53'46	17°54'13
morning set	-74 Sep 04 j 14:28	0°♍06'51	
	-74 Sep 04 j 12:56	0°♍	
superior conj	-74 Sep 15 j 15:10	19°♍32'56	1°09'49
minimum elong	-74 Sep 15 j 20:10	19°♍54'15	1°09'14
	-74 Sep 21 j 21:05	0°♎	
max. Earth dist.	-74 Sep 22 j 19:02	1°♎29'44	1.43026 AU
desc. node	-74 Sep 26 j 18:44	7°♎55'11	
evening rise	-74 Sep 30 j 07:49	13°♎30'42	
	-74 Oct 11 j 03:52	0°♏	
evening max el	-74 Oct 31 j 10:14	27°♏02'41	21°34'53
	-74 Nov 03 j 17:04	0°♐	
retrograde	-74 Nov 09 j 08:24	2°♐21'00	
evening set	-74 Nov 13 j 13:58	0°♐41'47	
asc. node	-74 Nov 14 j 01:11	0°♐18'27	
	-74 Nov 14 j 09:20	30°♑	
inferior conj	-74 Nov 18 j 22:30	24°♏26'14	1°37'24
minimum elong	-74 Nov 18 j 20:27	24°♏33'20	1°36'37
min. Earth dist.	-74 Nov 19 j 03:34	24°♏08'43	0.67540 AU
morning rise	-74 Nov 24 j 02:47	18°♏13'17	
direct	-74 Nov 29 j 03:06	16°♏04'54	
morning max el	-74 Dec 09 j 07:45	22°♏08'26	23°11'09
	-74 Dec 16 j 03:25	0°♐	
desc. node	-74 Dec 23 j 17:59	10°♐14'04	
	-73 Jan 05 j 22:51	0°♑	
morning set	-73 Jan 13 j 02:38	11°♑37'05	
max. Earth dist.	-73 Jan 17 j 11:15	19°♑02'11	1.39539 AU
	-73 Jan 23 j 15:05	0°♒	
superior conj	-73 Jan 25 j 02:53	2°♒44'29	-1°56'07
minimum elong	-73 Jan 25 j 05:40	2°♒57'21	1°55'59
evening rise	-73 Feb 03 j 14:08	20°♒43'21	
	-73 Feb 08 j 11:51	0°♓	
asc. node	-73 Feb 10 j 00:30	2°♓45'55	
evening max el	-73 Feb 19 j 20:38	16°♓53'33	18°33'48
retrograde	-73 Feb 27 j 13:27	20°♓39'36	
evening set	-73 Mar 01 j 23:17	20°♓18'43	
inferior conj	-73 Mar 09 j 11:46	15°♓50'19	3°00'25
minimum elong	-73 Mar 09 j 15:49	15°♓42'23	2°59'33
min. Earth dist.	-73 Mar 12 j 21:32	13°♓11'50	0.58225 AU
morning rise	-73 Mar 17 j 05:38	10°♓28'10	
desc. node	-73 Mar 21 j 17:11	9°♓05'13	
direct	-73 Mar 23 j 03:05	9°♓00'08	
morning max el	-73 Apr 06 j 11:34	16°♓36'17	26°36'05
	-73 Apr 17 j 10:58	0°♈	
	-73 May 04 j 11:50	0°♉	
morning set	-73 May 05 j 19:44	2°♉45'42	
asc. node	-73 May 08 j 23:46	9°♉31'21	
superior conj	-73 May 12 j 20:26	17°♉57'53	0°39'52
minimum elong	-73 May 12 j 18:46	17°♉48'46	0°39'31
max. Earth dist.	-73 May 13 j 00:30	18°♉20'14	1.32391 AU
	-73 May 18 j 09:23	0°♊	
evening rise	-73 May 19 j 19:16	2°♊58'49	
	-73 Jun 03 j 09:22	0°♋	
desc. node	-73 Jun 17 j 16:27	18°♋46'16	
evening max el	-73 Jun 18 j 19:20	19°♋52'07	26°42'19
retrograde	-73 Jul 02 j 18:48	27°♋07'33	
evening set	-73 Jul 09 j 12:57	25°♋09'51	
min. Earth dist.	-73 Jul 13 j 08:47	22°♋31'50	0.60303 AU
inferior conj	-73 Jul 16 j 16:15	19°♋49'16	-4°36'50
minimum elong	-73 Jul 16 j 19:02	19°♋43'31	4°36'34
morning rise	-73 Jul 24 j 03:03	15°♋07'52	
direct	-73 Jul 26 j 14:33	14°♋44'40	
morning max el	-73 Aug 02 j 23:24	18°♋20'12	18°10'27
asc. node	-73 Aug 04 j 22:59	20°♋28'07	
	-73 Aug 11 j 10:23	0°♌	
morning set	-73 Aug 18 j 21:31	13°♌34'38	
	-73 Aug 27 j 17:42	0°♍	
superior conj	-73 Aug 28 j 12:37	1°♍25'27	1°33'20
minimum elong	-73 Aug 28 j 16:17	1°♍41'52	1°33'02
max. Earth dist.	-73 Sep 05 j 03:34	14°♍43'39	1.41258 AU
evening rise	-73 Sep 10 j 07:18	23°♍15'45	
desc. node	-73 Sep 13 j 15:46	28°♍37'55	
	-73 Sep 14 j 12:36	0°♎	
	-73 Oct 05 j 04:24	0°♏	
evening max el	-73 Oct 14 j 02:28	10°♏32'28	22°53'04
retrograde	-73 Oct 24 j 03:06	16°♏29'42	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-73 Oct 28 j 21:18	14°♏32'46	
asc. node	-73 Oct 31 j 22:13	11°♏18'04	
inferior conj	-73 Nov 03 j 05:40	8°♏11'57	0°47'24
minimum elong	-73 Nov 03 j 04:34	8°♏15'43	0°46'57
min. Earth dist.	-73 Nov 03 j 00:08	8°♏31'03	0.67671 AU
morning rise	-73 Nov 08 j 11:45	2°♏01'28	
direct	-73 Nov 12 j 21:18	0°♏15'43	
morning max el	-73 Nov 21 j 21:16	5°♏33'25	21°45'44
	-73 Dec 10 j 10:55	0°♐	
desc. node	-73 Dec 10 j 15:02	0°♐15'11	
morning set	-73 Dec 24 j 00:16	20°♐47'54	
	-73 Dec 29 j 16:23	0°♑	
max. Earth dist.	-73 Dec 30 j 10:36	1°♑15'27	1.41600 AU
superior conj	-72 Jan 07 j 01:36	14°♑15'38	-2°01'50
minimum elong	-72 Jan 07 j 01:18	14°♑14'16	2°01'50
	-72 Jan 15 j 19:35	0°♒	
evening rise	-72 Jan 17 j 19:12	3°♒39'02	
asc. node	-72 Jan 27 j 21:33	21°♒27'49	
evening max el	-72 Feb 03 j 05:14	29°♒45'49	18°11'35
	-72 Feb 03 j 11:07	0°♓	
retrograde	-72 Feb 10 j 02:41	3°♓14'27	
evening set	-72 Feb 12 j 17:18	2°♓45'17	
	-72 Feb 17 j 04:49	30°♑℞♒	
inferior conj	-72 Feb 19 j 13:47	27°♒56'01	3°39'12
minimum elong	-72 Feb 19 j 15:53	27°♒51'13	3°38'59
min. Earth dist.	-72 Feb 22 j 21:11	24°♒57'03	0.60305 AU
morning rise	-72 Feb 26 j 12:32	22°♒12'29	
direct	-72 Mar 04 j 04:24	20°♒06'38	
desc. node	-72 Mar 07 j 14:13	20°♒37'42	
morning max el	-72 Mar 18 j 10:39	27°♒54'37	27°29'46
	-72 Mar 20 j 11:19	0°♓	
	-72 Apr 10 j 02:38	0°♈	
morning set	-72 Apr 19 j 03:31	17°♈29'36	
asc. node	-72 Apr 24 j 20:50	29°♈42'14	
	-72 Apr 25 j 00:06	0°♉	
max. Earth dist.	-72 Apr 25 j 13:03	1°♉10'48	1.32360 AU
superior conj	-72 Apr 26 j 07:58	2°♉54'21	0°15'27
minimum elong	-72 Apr 26 j 07:16	2°♉50'32	0°15'18
behind sun begin	-72 Apr 26 j 06:00	2°♉43'35	
behind sun end	-72 Apr 26 j 08:32	2°♉57'30	
evening rise	-72 May 03 j 05:31	17°♉52'20	
	-72 May 09 j 05:39	0°♊	
	-72 May 29 j 10:10	0°♋	
evening max el	-72 May 30 j 15:24	1°♋12'17	25°34'49
desc. node	-72 Jun 03 j 13:28	4°♋31'15	
retrograde	-72 Jun 13 j 16:36	8°♋23'28	
evening set	-72 Jun 19 j 11:26	7°♋04'19	
min. Earth dist.	-72 Jun 24 j 03:34	4°♋21'59	0.58257 AU
inferior conj	-72 Jun 27 j 09:15	2°♋04'06	-4°43'42
minimum elong	-72 Jun 27 j 08:10	2°♋06'02	4°43'40
	-72 Jun 30 j 10:18	30°♑℞♊	
morning rise	-72 Jul 05 j 07:30	27°♊45'02	
direct	-72 Jul 07 j 20:10	27°♊24'57	
	-72 Jul 14 j 14:41	0°♋	
morning max el	-72 Jul 16 j 04:51	1°♋21'34	18°46'55
asc. node	-72 Jul 21 j 20:02	8°♋15'35	
morning set	-72 Aug 01 j 15:44	27°♋35'24	
	-72 Aug 02 j 21:18	0°♌	
superior conj	-72 Aug 10 j 06:46	14°♌19'42	1°44'57
minimum elong	-72 Aug 10 j 08:15	14°♌26'44	1°44'54
max. Earth dist.	-72 Aug 17 j 07:02	27°♌11'56	1.39259 AU
	-72 Aug 18 j 21:14	0°♍	
evening rise	-72 Aug 21 j 06:57	4°♍08'53	
desc. node	-72 Aug 30 j 12:48	19°♍12'55	
	-72 Sep 06 j 16:31	0°♎	
evening max el	-72 Sep 25 j 15:10	24°♎05'14	24°13'13
	-72 Oct 03 j 16:53	0°♏	
retrograde	-72 Oct 06 j 18:18	0°♏37'11	
	-72 Oct 09 j 14:45	30°♑℞♎	
evening set	-72 Oct 12 j 02:32	28°♎22'33	
min. Earth dist.	-72 Oct 16 j 20:17	22°♎53'58	0.67483 AU
inferior conj	-72 Oct 17 j 12:08	22°♎00'29	-0°06'10
minimum elong	-72 Oct 17 j 12:17	21°♎59'59	0°06'06
transit middle	-72 Oct 17 j 12:17	21°♎59'59	0°06'06
transit begin	-72 Oct 17 j 09:45	22°♎08'31	
transit end	-72 Oct 17 j 14:49	21°♎51'26	
asc. node	-72 Oct 17 j 19:16	21°♎36'26	
morning rise	-72 Oct 22 j 22:01	15°♎54'58	
direct	-72 Oct 26 j 18:18	14°♎30'33	
morning max el	-72 Nov 03 j 17:35	19°♎07'27	20°29'17
	-72 Nov 12 j 12:30	0°♏	
desc. node	-72 Nov 26 j 12:04	20°♏34'13	
morning set	-72 Dec 01 j 23:50	29°♏00'34	
	-72 Dec 02 j 15:09	0°♐	
max. Earth dist.	-72 Dec 11 j 17:12	14°♐21'54	1.43342 AU
superior conj	-72 Dec 17 j 23:15	24°♐35'26	-1°52'50
minimum elong	-72 Dec 17 j 18:09	24°♐14'14	1°52'32
	-72 Dec 21 j 04:44	0°♑	
evening rise	-72 Dec 30 j 08:15	15°♑47'39	
	-71 Jan 07 j 12:55	0°♒	
asc. node	-71 Jan 13 j 18:35	9°♒29'52	
evening max el	-71 Jan 16 j 17:10	12°♒55'27	18°08'54
retrograde	-71 Jan 23 j 05:44	16°♒20'51	
evening set	-71 Jan 26 j 00:52	15°♒42'10	
inferior conj	-71 Feb 01 j 08:52	10°♒32'16	3°50'34
minimum elong	-71 Feb 01 j 08:46	10°♒32'33	3°50'34
min. Earth dist.	-71 Feb 04 j 04:52	7°♒37'21	0.62360 AU
morning rise	-71 Feb 07 j 15:33	4°♒35'45	
direct	-71 Feb 14 j 15:20	2°♒00'23	
desc. node	-71 Feb 22 j 11:16	4°♒44'32	
morning max el	-71 Feb 28 j 15:23	9°♒52'38	27°47'17
	-71 Mar 16 j 07:52	0°♓	
	-71 Apr 02 j 07:25	0°♈	
morning set	-71 Apr 03 j 06:12	1°♈54'50	
max. Earth dist.	-71 Apr 08 j 22:10	13°♈46'29	1.32706 AU
superior conj	-71 Apr 10 j 17:40	17°♈41'22	-0°10'40
minimum elong	-71 Apr 10 j 18:10	17°♈44'05	0°10'33
behind sun begin	-71 Apr 10 j 14:17	17°♈23'00	
behind sun end	-71 Apr 10 j 22:04	18°♈05'10	
asc. node	-71 Apr 11 j 17:53	19°♈52'50	
	-71 Apr 16 j 09:59	0°♉	
evening rise	-71 Apr 17 j 17:14	2°♉46'25	
	-71 May 02 j 13:43	0°♊	
evening max el	-71 May 12 j 06:34	11°♊57'20	24°06'18
desc. node	-71 May 21 j 10:29	18°♊04'57	
retrograde	-71 May 26 j 02:41	18°♊54'43	
evening set	-71 May 30 j 11:54	18°♊12'02	
min. Earth dist.	-71 Jun 05 j 17:47	15°♊09'52	0.56476 AU
inferior conj	-71 Jun 08 j 06:07	13°♊36'09	-4°14'03
minimum elong	-71 Jun 08 j 00:27	13°♊45'01	4°13'05
morning rise	-71 Jun 16 j 15:49	9°♊35'05	
direct	-71 Jun 19 j 06:54	9°♊16'54	
morning max el	-71 Jun 29 j 01:02	13°♊48'17	19°44'24
asc. node	-71 Jul 08 j 17:06	26°♊48'01	
	-71 Jul 10 j 12:39	0°♋	
morning set	-71 Jul 16 j 17:47	12°♋00'41	
superior conj	-71 Jul 24 j 16:07	28°♋00'23	1°46'51
minimum elong	-71 Jul 24 j 15:41	27°♋58'15	1°46'52

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-71 Jul	25 j 16:21	0°♌		max. Earth dist.	-70 Jul	12 j 20:08	20°♋59'43	1.35555 AU
max. Earth dist.	-71 Jul	30 j 10:36	9°♌09'06	1.37288 AU	evening rise	-70 Jul	17 j 01:46	29°♋10'52	
evening rise	-71 Aug	03 j 06:35	16°♌11'09			-70 Jul	17 j 12:14	0°♌	
	-71 Aug	11 j 08:01	0°♍		desc. node	-70 Aug	04 j 06:50	29°♌39'24	
desc. node	-71 Aug	17 j 09:49	9°♍35'33			-70 Aug	04 j 12:26	0°♍	
	-71 Sep	01 j 04:11	0°♎		evening max el	-70 Aug	21 j 14:35	21°♍17'52	26°30'07
evening max el	-71 Sep	08 j 02:47	7°♎42'03	25°28'10	retrograde	-70 Sep	03 j 10:36	28°♍30'27	
retrograde	-71 Sep	20 j 05:01	14°♎39'30		evening set	-70 Sep	09 j 23:24	25°♍48'20	
evening set	-71 Sep	26 j 03:55	12°♎08'55		min. Earth dist.	-70 Sep	14 j 01:25	21°♍32'17	0.66132 AU
min. Earth dist.	-71 Sep	30 j 13:32	7°♎15'43	0.66976 AU	inferior conj	-70 Sep	15 j 15:50	19°♍35'59	-1°57'56
inferior conj	-71 Oct	01 j 16:10	5°♎49'44	-1°01'49	minimum elong	-70 Sep	15 j 18:50	19°♍26'56	1°56'46
minimum elong	-71 Oct	01 j 17:43	5°♎44'43	1°01'10	morning rise	-70 Sep	21 j 14:40	13°♍49'27	
asc. node	-71 Oct	04 j 16:17	2°♎10'58		asc. node	-70 Sep	21 j 13:20	13°♍51'20	
morning rise	-71 Oct	07 j 07:41	29°♍52'07		direct	-70 Sep	24 j 14:40	12°♍58'34	
	-71 Oct	07 j 02:58	30°℞♍		morning max el	-70 Oct	01 j 07:51	16°♍41'33	18°38'22
direct	-71 Oct	10 j 16:42	28°♍46'11			-70 Oct	11 j 05:17	0°♎	
	-71 Oct	14 j 11:05	0°♎		morning set	-70 Oct	21 j 21:46	16°♎55'33	
morning max el	-71 Oct	17 j 21:31	2°♎51'18	19°26'07		-70 Oct	30 j 03:15	0°♏	
	-71 Nov	06 j 05:18	0°♏		desc. node	-70 Oct	31 j 06:07	1°♏46'07	
morning set	-71 Nov	10 j 23:48	7°♏23'19						
desc. node	-71 Nov	13 j 09:07	11°♏06'06		superior conj	-70 Nov	06 j 20:09	12°♏08'14	-0°42'18
max. Earth dist.	-71 Nov	24 j 07:05	28°♏12'45	1.44533 AU	minimum elong	-70 Nov	06 j 14:40	11°♏46'43	0°41'36
	-71 Nov	25 j 10:09	0°♐		max. Earth dist.	-70 Nov	07 j 01:16	12°♏28'21	1.45026 AU
						-70 Nov	18 j 04:04	0°♐	
superior conj	-71 Nov	27 j 18:26	3°♐43'54	-1°25'39	evening rise	-70 Nov	22 j 18:11	7°♐17'29	
minimum elong	-71 Nov	27 j 10:09	3°♐10'53	1°24'50	greatest brilliancy	-70 Nov	30 j 20:24	20°♐10'58	-0.8m
evening rise	-71 Dec	12 j 01:00	27°♐02'09			-70 Dec	07 j 05:03	0°♑	
	-71 Dec	13 j 19:38	0°♑		evening max el	-70 Dec	14 j 16:04	9°♑41'35	18°58'56
evening max el	-71 Dec	31 j 05:39	26°♑16'00	18°24'59	asc. node	-70 Dec	18 j 12:38	12°♑46'11	
asc. node	-71 Dec	31 j 15:36	26°♑40'43		retrograde	-70 Dec	21 j 12:54	13°♑35'34	
retrograde	-70 Jan	06 j 18:23	29°♑50'22		evening set	-70 Dec	24 j 18:48	12°♑34'39	
evening set	-70 Jan	09 j 18:23	29°♑01'11		inferior conj	-70 Dec	30 j 10:59	6°♑48'29	3°18'55
inferior conj	-70 Jan	15 j 17:09	23°♑31'59	3°41'55	minimum elong	-70 Dec	30 j 08:23	6°♑56'37	3°18'23
minimum elong	-70 Jan	15 j 15:24	23°♑37'00	3°41'43	min. Earth dist.	-69 Jan	01 j 00:37	4°♑51'02	0.65592 AU
min. Earth dist.	-70 Jan	17 j 22:01	21°♑00'18	0.64162 AU	morning rise	-69 Jan	04 j 21:42	0°♑38'48	
morning rise	-70 Jan	21 j 11:53	17°♑27'28			-69 Jan	05 j 16:25	30°℞♐	
direct	-70 Jan	28 j 09:49	14°♑37'08		direct	-69 Jan	11 j 10:42	27°♐48'07	
desc. node	-70 Feb	09 j 08:19	20°♑51'02			-69 Jan	17 j 21:51	0°♑	
morning max el	-70 Feb	10 j 23:54	22°♑26'01	27°28'37	morning max el	-69 Jan	24 j 09:38	5°♑23'58	26°39'03
	-70 Feb	17 j 16:33	0°♒		desc. node	-69 Jan	27 j 05:21	8°♑23'42	
	-70 Mar	09 j 12:41	0°♓			-69 Feb	12 j 07:08	0°♒	
morning set	-70 Mar	18 j 01:12	15°♓53'00		morning set	-69 Mar	01 j 09:05	29°♒13'47	
max. Earth dist.	-70 Mar	23 j 00:01	25°♓55'21	1.33466 AU		-69 Mar	01 j 18:48	0°♓	
	-70 Mar	24 j 22:40	0°♈		max. Earth dist.	-69 Mar	05 j 15:23	7°♓31'07	1.34666 AU
superior conj	-70 Mar	25 j 23:44	2°♈12'52	-0°37'31	superior conj	-69 Mar	09 j 24:00	16°♓22'18	-1°03'54
minimum elong	-70 Mar	26 j 01:32	2°♈22'27	0°37'08	minimum elong	-69 Mar	10 j 03:00	16°♓37'51	1°03'23
asc. node	-70 Mar	29 j 14:55	9°♈59'09		asc. node	-69 Mar	16 j 11:58	29°♓57'10	
evening rise	-70 Apr	02 j 04:36	17°♈34'48			-69 Mar	16 j 12:30	0°♈	
	-70 Apr	08 j 09:11	0°♉		evening rise	-69 Mar	17 j 13:49	2°♈11'28	
evening max el	-70 Apr	23 j 22:28	22°♉32'03	22°30'55		-69 Apr	02 j 18:12	0°♉	
retrograde	-70 May	06 j 23:47	28°♉58'22		evening max el	-69 Apr	05 j 21:51	3°♉25'33	21°02'26
desc. node	-70 May	08 j 07:31	28°♉54'27		retrograde	-69 Apr	17 j 13:22	9°♉04'11	
evening set	-70 May	10 j 00:43	28°♉38'05		evening set	-69 Apr	19 j 19:38	8°♉52'11	
min. Earth dist.	-70 May	18 j 06:19	25°♉04'21	0.55307 AU	desc. node	-69 Apr	25 j 04:33	7°♉01'00	
inferior conj	-70 May	19 j 08:58	24°♉26'31	-2°59'04	inferior conj	-69 Apr	29 j 03:17	4°♉53'38	-1°07'46
minimum elong	-70 May	19 j 01:52	24°♉36'36	2°57'00	minimum elong	-69 Apr	29 j 00:05	4°♉58'10	1°06'38
morning rise	-70 May	28 j 05:01	20°♉32'48		min. Earth dist.	-69 Apr	29 j 19:13	4°♉31'05	0.55008 AU
direct	-70 May	31 j 00:43	20°♉14'31		morning rise	-69 May	08 j 04:25	0°♉49'13	
morning max el	-70 Jun	11 j 10:07	25°♉32'52	21°02'10	direct	-69 May	11 j 10:58	0°♉26'04	
	-70 Jun	15 j 12:36	0°♊		morning max el	-69 May	24 j 08:53	6°♉36'48	22°36'08
asc. node	-70 Jun	25 j 14:09	15°♊54'24			-69 Jun	09 j 16:09	0°♊	
morning set	-70 Jul	01 j 01:05	26°♊43'09		asc. node	-69 Jun	12 j 11:12	5°♊26'15	
	-70 Jul	02 j 15:06	0°♋		morning set	-69 Jun	15 j 11:35	11°♊37'04	
superior conj	-70 Jul	08 j 12:14	12°♋14'20	1°41'07	superior conj	-69 Jun	22 j 15:47	26°♊51'50	1°29'25
minimum elong	-70 Jul	08 j 10:30	12°♋05'25	1°41'01	minimum elong	-69 Jun	22 j 13:24	26°♊39'11	1°29'09

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-69 Jun 24 j 03:26	0°♋	
max. Earth dist.	-69 Jun 25 j 14:50	3°♋04'45	1.34175 AU
evening rise	-69 Jun 30 j 11:45	12°♋55'18	
	-69 Jul 09 j 18:37	0°♌	
desc. node	-69 Jul 22 j 03:51	19°♌16'23	
	-69 Jul 30 j 14:15	0°♍	
evening max el	-69 Aug 04 j 02:23	4°♍44'14	27°11'21
retrograde	-69 Aug 17 j 10:51	12°♍03'20	
evening set	-69 Aug 24 j 10:33	9°♍17'32	
min. Earth dist.	-69 Aug 28 j 05:41	5°♍38'26	0.64928 AU
inferior conj	-69 Aug 30 j 09:01	3°♍15'38	-2°52'18
minimum elong	-69 Aug 30 j 13:13	3°♍03'55	2°50'52
	-69 Sep 02 j 12:08	30°℞♌	
morning rise	-69 Sep 05 j 16:38	27°♌43'24	
direct	-69 Sep 08 j 09:57	27°♌04'03	
asc. node	-69 Sep 08 j 10:23	27°♌04'03	
	-69 Sep 14 j 08:17	0°♍	
morning max el	-69 Sep 14 j 22:19	0°♍34'01	18°07'12
morning set	-69 Oct 03 j 00:25	27°♍52'12	
	-69 Oct 04 j 07:07	0°♎	
superior conj	-69 Oct 17 j 01:29	20°♎48'56	0°07'04
minimum elong	-69 Oct 17 j 02:21	20°♎52'25	0°06'57
behind sun begin	-69 Oct 16 j 16:33	20°♎13'15	
behind sun end	-69 Oct 17 j 12:10	21°♎31'31	
desc. node	-69 Oct 18 j 03:08	22°♎31'05	
max. Earth dist.	-69 Oct 20 j 20:01	26°♎48'13	1.44778 AU
	-69 Oct 22 j 20:42	0°♏	
evening rise	-69 Nov 02 j 13:10	16°♏39'33	
	-69 Nov 11 j 05:02	0°♐	
greatest brilliancy	-69 Nov 15 j 17:26	6°♐50'10	-0.7m
evening max el	-69 Nov 27 j 22:23	23°♐08'55	19°49'10
retrograde	-69 Dec 05 j 10:10	27°♐31'14	
asc. node	-69 Dec 05 j 09:40	27°♐31'14	
evening set	-69 Dec 08 j 23:38	26°♐17'01	
inferior conj	-69 Dec 14 j 11:27	20°♐16'49	2°45'24
minimum elong	-69 Dec 14 j 08:39	20°♐26'04	2°44'36
min. Earth dist.	-69 Dec 15 j 11:15	18°♐58'01	0.66632 AU
morning rise	-69 Dec 19 j 17:28	14°♐04'05	
direct	-69 Dec 25 j 17:24	11°♐24'28	
morning max el	-68 Jan 06 j 18:43	18°♐34'24	25°26'47
desc. node	-68 Jan 14 j 02:22	26°♐57'11	
	-68 Jan 16 j 11:05	0°♑	
	-68 Feb 05 j 08:20	0°♒	
morning set	-68 Feb 12 j 01:06	11°♒42'45	
max. Earth dist.	-68 Feb 15 j 19:03	18°♒38'39	1.36310 AU
superior conj	-68 Feb 21 j 15:41	0°♓01'01	-1°28'11
minimum elong	-68 Feb 21 j 19:28	0°♓19'53	1°27'41
	-68 Feb 21 j 15:28	0°♓	
evening rise	-68 Feb 29 j 18:42	16°♓28'56	
asc. node	-68 Mar 02 j 09:00	19°♓41'36	
	-68 Mar 07 j 18:33	0°♈	
evening max el	-68 Mar 18 j 08:18	14°♈54'34	19°49'29
retrograde	-68 Mar 28 j 06:44	19°♈40'35	
evening set	-68 Mar 30 j 09:24	19°♈28'37	
inferior conj	-68 Apr 08 j 03:25	15°♈27'02	0°49'30
minimum elong	-68 Apr 08 j 05:32	15°♈23'45	0°48'46
min. Earth dist.	-68 Apr 10 j 09:28	14°♈03'40	0.55667 AU
desc. node	-68 Apr 11 j 01:35	13°♈39'33	
morning rise	-68 Apr 16 j 23:18	10°♈54'13	
direct	-68 Apr 21 j 03:07	10°♈15'52	
morning max el	-68 May 05 j 00:57	17°♈12'16	24°17'06
	-68 May 15 j 10:26	0°♉	
asc. node	-68 May 29 j 08:16	25°♉15'39	
morning set	-68 May 29 j 23:29	26°♉35'25	
	-68 May 31 j 14:02	0°♊	

superior conj	-68 Jun 06 j 00:04	11°♊43'11	1°13'00
minimum elong	-68 Jun 05 j 21:36	11°♊29'50	1°12'37
max. Earth dist.	-68 Jun 07 j 18:21	15°♊31'04	1.33185 AU
evening rise	-68 Jun 13 j 08:17	27°♊11'12	
	-68 Jun 14 j 17:56	0°♋	
	-68 Jul 02 j 01:43	0°♌	
desc. node	-68 Jul 08 j 00:53	8°♌14'25	
evening max el	-68 Jul 16 j 12:38	17°♌48'53	27°25'26
retrograde	-68 Jul 30 j 05:18	25°♌08'38	
evening set	-68 Aug 06 j 10:09	22°♌30'52	
min. Earth dist.	-68 Aug 10 j 00:36	19°♌24'16	0.63356 AU
inferior conj	-68 Aug 12 j 17:02	16°♌42'40	-3°41'46
minimum elong	-68 Aug 12 j 21:49	16°♌30'39	3°40'31
morning rise	-68 Aug 19 j 10:37	11°♌27'53	
direct	-68 Aug 21 j 23:43	10°♌56'50	
asc. node	-68 Aug 25 j 07:27	11°♌50'35	
morning max el	-68 Aug 28 j 14:08	14°♌22'14	17°53'39
	-68 Sep 08 j 09:48	0°♍	
morning set	-68 Sep 14 j 04:10	10°♍01'07	
	-68 Sep 25 j 20:04	0°♎	
superior conj	-68 Sep 26 j 05:01	0°♎37'13	0°50'20
minimum elong	-68 Sep 26 j 09:40	0°♎56'30	0°49'44
max. Earth dist.	-68 Oct 02 j 12:10	10°♎53'56	1.43832 AU
desc. node	-68 Oct 04 j 00:10	13°♎17'57	
evening rise	-68 Oct 11 j 20:17	25°♎35'30	
	-68 Oct 14 j 17:07	0°♏	
	-68 Nov 04 j 08:44	0°♐	
evening max el	-68 Nov 09 j 23:17	6°♐37'04	20°53'16
retrograde	-68 Nov 18 j 07:48	11°♐34'07	
asc. node	-68 Nov 21 j 06:43	10°♐44'39	
evening set	-68 Nov 22 j 06:48	10°♐04'43	
inferior conj	-68 Nov 27 j 16:04	3°♐53'49	2°04'02
minimum elong	-68 Nov 27 j 13:37	4°♐02'13	2°03'11
min. Earth dist.	-68 Nov 28 j 03:40	3°♐14'07	0.67302 AU
	-68 Nov 30 j 15:11	30°℞♏	
morning rise	-68 Dec 02 j 20:15	27°♏40'11	
direct	-68 Dec 08 j 05:20	25°♏19'02	
	-68 Dec 17 j 05:26	0°♐	
morning max el	-68 Dec 19 j 03:10	1°♐49'41	24°01'49
desc. node	-68 Dec 30 j 23:24	16°♐13'54	
	-67 Jan 09 j 12:34	0°♑	
morning set	-67 Jan 23 j 19:18	23°♑03'37	
max. Earth dist.	-67 Jan 27 j 14:41	29°♑44'10	1.38305 AU
	-67 Jan 27 j 18:14	0°♒	
superior conj	-67 Feb 03 j 19:14	12°♒59'50	-1°48'00
minimum elong	-67 Feb 03 j 22:50	13°♒16'58	1°47'42
evening rise	-67 Feb 12 j 16:49	0°♓20'31	
	-67 Feb 12 j 12:39	0°♓	
asc. node	-67 Feb 17 j 06:04	9°♓07'12	
evening max el	-67 Mar 01 j 05:32	27°♓01'45	18°55'44
	-67 Mar 05 j 06:34	0°♈	
retrograde	-67 Mar 09 j 14:50	1°♈04'45	
evening set	-67 Mar 11 j 21:37	0°♈47'58	
	-67 Mar 14 j 04:51	30°℞♓	
inferior conj	-67 Mar 19 j 20:48	26°♓31'24	2°22'40
minimum elong	-67 Mar 20 j 01:09	26°♓23'37	2°21'29
min. Earth dist.	-67 Mar 23 j 01:43	24°♓15'11	0.57138 AU
morning rise	-67 Mar 28 j 01:39	21°♓25'42	
desc. node	-67 Mar 28 j 22:37	21°♓05'36	
direct	-67 Apr 02 j 08:49	20°♓18'22	
morning max el	-67 Apr 16 j 15:59	27°♓44'23	25°51'02
	-67 Apr 18 j 21:02	0°♈	
	-67 May 08 j 17:37	0°♉	
morning set	-67 May 14 j 11:07	11°♉32'45	
asc. node	-67 May 16 j 05:20	15°♉17'06	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-67 May 21 j 11:01	26°♉41'24	0°52'51
minimum elong	-67 May 21 j 08:57	26°♉30'04	0°52'27
max. Earth dist.	-67 May 22 j 04:13	28°♉15'30	1.32579 AU
	-67 May 22 j 23:21	0°♊	
evening rise	-67 May 28 j 12:07	11°♊48'28	
	-67 Jun 06 j 22:35	0°♋	
desc. node	-67 Jun 24 j 21:56	26°♋17'07	
	-67 Jun 28 j 10:55	0°♌	
evening max el	-67 Jun 28 j 19:08	0°♌19'41	27°07'35
retrograde	-67 Jul 12 j 16:56	7°♌36'45	
evening set	-67 Jul 19 j 18:07	5°♌21'01	
min. Earth dist.	-67 Jul 23 j 09:19	2°♌36'39	0.61474 AU
	-67 Jul 26 j 08:02	30°℞♋	
inferior conj	-67 Jul 26 j 12:45	29°♋49'28	-4°21'24
minimum elong	-67 Jul 26 j 16:49	29°♋40'25	4°20'45
morning rise	-67 Aug 02 j 17:06	24°♋54'59	
direct	-67 Aug 05 j 04:29	24°♋29'30	
morning max el	-67 Aug 12 j 04:16	27°♋58'51	17°58'38
asc. node	-67 Aug 12 j 04:31	27°♋59'28	
	-67 Aug 14 j 01:00	0°♌	
morning set	-67 Aug 28 j 02:52	23°♌04'42	
	-67 Aug 31 j 21:42	0°♍	
superior conj	-67 Sep 07 j 11:59	11°♍46'30	1°21'22
minimum elong	-67 Sep 07 j 16:37	12°♍06'44	1°20'54
max. Earth dist.	-67 Sep 14 j 23:43	24°♍30'06	1.42317 AU
	-67 Sep 18 j 08:28	0°♎	
desc. node	-67 Sep 20 j 21:13	4°♎03'16	
evening rise	-67 Sep 21 j 09:18	4°♎51'11	
	-67 Oct 08 j 01:42	0°♏	
evening max el	-67 Oct 23 j 18:31	20°♏06'08	22°07'39
retrograde	-67 Nov 02 j 03:50	25°♏41'04	
evening set	-67 Nov 06 j 14:31	23°♏54'38	
asc. node	-67 Nov 08 j 03:46	22°♏26'51	
inferior conj	-67 Nov 11 j 22:49	17°♏36'37	1°16'43
minimum elong	-67 Nov 11 j 21:08	17°♏42'26	1°16'03
min. Earth dist.	-67 Nov 11 j 23:23	17°♏34'37	0.67632 AU
morning rise	-67 Nov 17 j 03:35	11°♏24'17	
direct	-67 Nov 21 j 21:35	9°♏25'16	
morning max el	-67 Dec 01 j 13:35	15°♏09'01	22°34'02
	-67 Dec 13 j 14:10	0°♐	
desc. node	-67 Dec 17 j 20:26	6°♐01'08	
	-66 Jan 02 j 13:05	0°♑	
morning set	-66 Jan 04 j 09:35	3°♑00'48	
max. Earth dist.	-66 Jan 09 j 10:35	11°♑25'11	1.40436 AU
superior conj	-66 Jan 17 j 05:58	25°♑06'15	-2°00'04
minimum elong	-66 Jan 17 j 07:43	25°♑14'07	2°00'00
	-66 Jan 19 j 22:23	0°♒	
evening rise	-66 Jan 27 j 05:02	13°♒37'57	
asc. node	-66 Feb 04 j 03:06	28°♒06'49	
	-66 Feb 05 j 06:10	0°♓	
evening max el	-66 Feb 12 j 10:51	9°♓39'33	18°22'00
retrograde	-66 Feb 19 j 17:49	13°♓15'54	
evening set	-66 Feb 22 j 05:55	12°♓51'32	
inferior conj	-66 Mar 01 j 11:10	8°♓14'27	3°20'42
minimum elong	-66 Mar 01 j 14:32	8°♓07'26	3°20'08
min. Earth dist.	-66 Mar 04 j 21:32	5°♓24'14	0.59098 AU
morning rise	-66 Mar 08 j 20:45	2°♓42'24	
direct	-66 Mar 15 j 03:30	0°♓57'47	
desc. node	-66 Mar 15 j 19:39	0°♓58'58	
morning max el	-66 Mar 29 j 11:09	8°♓39'27	27°03'01
	-66 Apr 14 j 16:17	0°♈	
morning set	-66 Apr 28 j 20:50	26°♈23'17	
	-66 Apr 30 j 13:56	0°♉	
asc. node	-66 May 03 j 02:24	5°♉25'47	
superior conj	-66 May 05 j 22:48	11°♉40'09	0°29'46
minimum elong	-66 May 05 j 21:31	11°♉33'05	0°29'31
max. Earth dist.	-66 May 05 j 17:00	11°♉08'16	1.32337 AU
evening rise	-66 May 12 j 20:40	26°♉38'30	
	-66 May 14 j 11:24	0°♊	
	-66 May 31 j 15:42	0°♋	
evening max el	-66 Jun 10 j 19:32	12°♋07'17	26°16'59
desc. node	-66 Jun 11 j 18:57	13°♋01'36	
retrograde	-66 Jun 24 j 20:05	19°♋20'33	
evening set	-66 Jul 01 j 05:52	17°♋38'59	
min. Earth dist.	-66 Jul 05 j 08:28	15°♋01'12	0.59426 AU
inferior conj	-66 Jul 08 j 16:34	12°♋26'52	-4°43'23
minimum elong	-66 Jul 08 j 17:58	12°♋24'10	4°43'20
morning rise	-66 Jul 16 j 08:11	7°♋54'44	
direct	-66 Jul 18 j 20:05	7°♋32'54	
morning max el	-66 Jul 26 j 13:45	11°♋15'58	18°23'20
asc. node	-66 Jul 30 j 01:35	15°♋15'36	
	-66 Aug 08 j 00:48	0°♌	
morning set	-66 Aug 11 j 15:13	6°♌48'39	
superior conj	-66 Aug 20 j 19:00	24°♌07'40	1°39'35
minimum elong	-66 Aug 20 j 21:45	24°♌20'19	1°39'25
	-66 Aug 24 j 00:35	0°♍	
max. Earth dist.	-66 Aug 28 j 06:17	7°♍26'45	1.40427 AU
evening rise	-66 Sep 01 j 18:45	15°♍04'46	
desc. node	-66 Sep 07 j 18:17	24°♍43'42	
	-66 Sep 11 j 03:50	0°♎	
	-66 Oct 03 j 00:14	0°♏	
evening max el	-66 Oct 06 j 09:09	3°♏37'50	23°27'19
retrograde	-66 Oct 16 j 21:01	9°♏49'50	
evening set	-66 Oct 21 j 21:08	7°♏45'19	
asc. node	-66 Oct 26 j 00:47	3°♏02'46	
inferior conj	-66 Oct 27 j 05:53	1°♏23'43	0°25'03
minimum elong	-66 Oct 27 j 05:17	1°♏25'45	0°24'47
min. Earth dist.	-66 Oct 26 j 19:59	1°♏57'36	0.67638 AU
	-66 Oct 28 j 06:31	30°℞♎	
morning rise	-66 Nov 01 j 13:22	25°♎15'11	
direct	-66 Nov 05 j 17:10	23°♎38'39	
morning max el	-66 Nov 14 j 05:42	28°♎37'23	21°11'45
	-66 Nov 15 j 13:06	0°♏	
desc. node	-66 Dec 04 j 17:29	26°♏10'40	
	-66 Dec 07 j 06:22	0°♐	
morning set	-66 Dec 14 j 19:51	11°♐40'03	
max. Earth dist.	-66 Dec 22 j 13:20	24°♐03'13	1.42403 AU
	-66 Dec 26 j 03:34	0°♑	
superior conj	-66 Dec 29 j 18:31	6°♑07'46	-2°00'05
minimum elong	-66 Dec 29 j 16:16	5°♑58'09	2°00'01
evening rise	-65 Jan 10 j 03:44	26°♑14'05	
	-65 Jan 12 j 05:50	0°♒	
asc. node	-65 Jan 22 j 00:07	16°♒32'30	
evening max el	-65 Jan 26 j 21:10	22°♒39'29	18°08'05
retrograde	-65 Feb 02 j 13:31	26°♒05'05	
evening set	-65 Feb 05 j 06:09	25°♒31'50	
inferior conj	-65 Feb 11 j 20:50	20°♒33'21	3°46'56
minimum elong	-65 Feb 11 j 21:58	20°♒30'38	3°46'52
min. Earth dist.	-65 Feb 14 j 24:00	17°♒33'38	0.61197 AU
morning rise	-65 Feb 18 j 12:17	14°♒43'37	
direct	-65 Feb 25 j 08:47	12°♒24'03	
desc. node	-65 Mar 02 j 16:40	13°♒40'07	
morning max el	-65 Mar 11 j 12:43	20°♒13'53	27°41'58
	-65 Mar 19 j 22:22	0°♓	
	-65 Apr 07 j 13:07	0°♈	
morning set	-65 Apr 13 j 02:42	10°♈59'55	
max. Earth dist.	-65 Apr 19 j 04:44	23°♈54'57	1.32459 AU
asc. node	-65 Apr 19 j 23:26	25°♈36'49	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-65 Apr 20 j 09:43	26°♈32'58	0°04'33
minimum elong	-65 Apr 20 j 09:31	26°♈31'49	0°04'31
behind sun begin	-65 Apr 20 j 04:37	26°♈05'07	
behind sun end	-65 Apr 20 j 14:24	26°♈58'32	
	-65 Apr 21 j 23:35	0°♉	
evening rise	-65 Apr 27 j 07:45	11°♉33'03	
	-65 May 06 j 18:01	0°♊	
evening max el	-65 May 23 j 13:03	23°♊10'28	24°59'00
desc. node	-65 May 29 j 15:58	27°♊55'53	
	-65 Jun 03 j 19:59	0°♋	
retrograde	-65 Jun 06 j 12:51	0°♋17'04	
	-65 Jun 09 j 05:48	30°℞♊	
evening set	-65 Jun 11 j 18:30	29°♊14'17	
min. Earth dist.	-65 Jun 17 j 00:35	26°♊25'28	0.57452 AU
inferior conj	-65 Jun 20 j 01:09	24°♊24'20	-4°36'21
minimum elong	-65 Jun 19 j 22:01	24°♊29'35	4°36'04
morning rise	-65 Jun 28 j 04:18	20°♊13'56	
direct	-65 Jun 30 j 18:04	19°♊54'41	
morning max el	-65 Jul 09 j 15:33	24°♊03'50	19°08'46
	-65 Jul 14 j 16:20	0°♋	
asc. node	-65 Jul 16 j 22:38	3°♋23'48	
morning set	-65 Jul 26 j 13:09	21°♋01'16	
	-65 Jul 31 j 01:37	0°♌	
superior conj	-65 Aug 03 j 20:16	7°♌23'56	1°46'49
minimum elong	-65 Aug 03 j 20:52	7°♌26'53	1°46'49
max. Earth dist.	-65 Aug 10 j 09:30	19°♌41'20	1.38408 AU
evening rise	-65 Aug 14 j 04:59	26°♌28'12	
	-65 Aug 16 j 06:07	0°♍	
desc. node	-65 Aug 25 j 15:19	15°♍14'18	
	-65 Sep 04 j 17:16	0°♎	
evening max el	-65 Sep 18 j 21:04	17°♎12'16	24°46'03
retrograde	-65 Sep 30 j 10:19	23°♎56'06	
evening set	-65 Oct 06 j 00:57	21°♎34'02	
min. Earth dist.	-65 Oct 10 j 15:05	16°♎20'31	0.67316 AU
inferior conj	-65 Oct 11 j 11:31	15°♎12'46	-0°29'36
minimum elong	-65 Oct 11 j 12:15	15°♎10'20	0°29'18
asc. node	-65 Oct 12 j 21:48	13°♎20'50	
morning rise	-65 Oct 16 j 23:37	9°♎10'31	
direct	-65 Oct 20 j 14:49	7°♎54'29	
morning max el	-65 Oct 28 j 05:25	12°♎16'23	20°00'38
	-65 Nov 10 j 15:29	0°♏	
desc. node	-65 Nov 21 j 14:33	16°♏36'02	
morning set	-65 Nov 23 j 16:26	19°♏48'21	
	-65 Nov 30 j 05:27	0°♐	
max. Earth dist.	-65 Dec 04 j 23:38	7°♐32'02	1.43927 AU
superior conj	-65 Dec 10 j 04:35	15°♐55'50	-1°43'33
minimum elong	-65 Dec 09 j 21:37	15°♐27'27	1°43'02
	-65 Dec 18 j 15:52	0°♑	
evening rise	-65 Dec 23 j 08:43	8°♑01'08	
	-64 Jan 05 j 16:04	0°♒	
asc. node	-64 Jan 08 j 21:07	4°♒14'28	
evening max el	-64 Jan 10 j 09:35	5°♒54'21	18°13'28
retrograde	-64 Jan 16 j 21:20	9°♒22'35	
evening set	-64 Jan 19 j 18:22	8°♒39'37	
inferior conj	-64 Jan 25 j 22:03	3°♒21'04	3°48'59
minimum elong	-64 Jan 25 j 21:09	3°♒23'29	3°48'56
min. Earth dist.	-64 Jan 28 j 11:43	0°♒34'10	0.63158 AU
	-64 Jan 29 j 00:55	30°℞♑	
morning rise	-64 Jan 31 j 23:06	27°♑20'24	
direct	-64 Feb 07 j 22:55	24°♑36'59	
desc. node	-64 Feb 17 j 13:42	28°♑42'34	
	-64 Feb 19 j 03:29	0°♒	
morning max el	-64 Feb 21 j 19:39	2°♒29'16	27°43'44
	-64 Mar 13 j 05:49	0°♓	
morning set	-64 Mar 27 j 02:31	25°♓15'17	
	-64 Mar 29 j 10:30	0°♈	
max. Earth dist.	-64 Apr 01 j 11:22	6°♈21'31	1.32971 AU
superior conj	-64 Apr 03 j 18:06	11°♈14'15	-0°22'01
minimum elong	-64 Apr 03 j 19:09	11°♈19'54	0°21'47
asc. node	-64 Apr 05 j 20:28	15°♈46'15	
evening rise	-64 Apr 10 j 19:32	26°♈25'38	
	-64 Apr 12 j 12:34	0°♉	
	-64 Apr 30 j 14:45	0°♊	
evening max el	-64 May 04 j 03:25	3°♊46'47	23°25'43
desc. node	-64 May 15 j 12:57	10°♊23'19	
retrograde	-64 May 17 j 17:38	10°♊34'17	
evening set	-64 May 21 j 12:12	10°♊02'58	
min. Earth dist.	-64 May 28 j 13:39	6°♊48'50	0.55883 AU
inferior conj	-64 May 30 j 13:41	5°♊37'33	-3°47'53
minimum elong	-64 May 30 j 06:46	5°♊47'51	3°46'19
morning rise	-64 Jun 08 j 04:08	1°♊41'48	
direct	-64 Jun 10 j 20:35	1°♊24'04	
morning max el	-64 Jun 21 j 07:15	6°♊13'52	20°15'09
asc. node	-64 Jul 02 j 19:43	22°♊11'59	
	-64 Jul 06 j 22:56	0°♋	
morning set	-64 Jul 09 j 17:42	5°♋34'47	
superior conj	-64 Jul 17 j 10:43	21°♋20'41	1°45'15
minimum elong	-64 Jul 17 j 09:39	21°♋15'20	1°45'13
	-64 Jul 21 j 19:42	0°♌	
max. Earth dist.	-64 Jul 22 j 14:38	1°♌31'19	1.36513 AU
evening rise	-64 Jul 26 j 13:32	8°♌56'36	
	-64 Aug 07 j 22:35	0°♍	
desc. node	-64 Aug 11 j 12:19	5°♍29'51	
	-64 Aug 30 j 12:47	0°♎	
evening max el	-64 Aug 31 j 08:28	0°♎48'46	25°56'25
retrograde	-64 Sep 12 j 19:07	7°♎54'37	
evening set	-64 Sep 19 j 00:07	5°♎18'10	
min. Earth dist.	-64 Sep 23 j 06:20	0°♎40'41	0.66663 AU
	-64 Sep 23 j 19:18	30°℞♍	
inferior conj	-64 Sep 24 j 13:56	29°♍01'09	-1°25'43
minimum elong	-64 Sep 24 j 16:07	28°♍54'18	1°24'49
asc. node	-64 Sep 28 j 18:52	24°♍18'16	
morning rise	-64 Sep 30 j 08:24	23°♍07'59	
direct	-64 Oct 03 j 13:12	22°♍09'06	
morning max el	-64 Oct 10 j 12:23	26°♍03'53	19°03'45
	-64 Oct 13 j 22:20	0°♎	
morning set	-64 Nov 01 j 23:49	28°♎35'32	
	-64 Nov 02 j 21:22	0°♏	
desc. node	-64 Nov 07 j 11:35	7°♏11'54	
max. Earth dist.	-64 Nov 16 j 15:17	21°♏34'08	1.44828 AU
superior conj	-64 Nov 18 j 14:21	24°♏39'48	-1°08'47
minimum elong	-64 Nov 18 j 06:28	24°♏08'39	1°07'53
	-64 Nov 21 j 23:10	0°♐	
evening rise	-64 Dec 03 j 15:40	18°♐50'34	
	-64 Dec 10 j 11:26	0°♑	
evening max el	-64 Dec 23 j 21:26	19°♑17'23	18°37'22
asc. node	-64 Dec 25 j 18:09	20°♑59'24	
retrograde	-64 Dec 30 j 12:54	22°♑59'13	
evening set	-63 Jan 02 j 15:08	22°♑05'24	
inferior conj	-63 Jan 08 j 10:49	16°♑28'49	3°33'38
minimum elong	-63 Jan 08 j 08:37	16°♑35'23	3°33'18
min. Earth dist.	-63 Jan 10 j 09:11	14°♑10'26	0.64813 AU
morning rise	-63 Jan 14 j 01:39	10°♑21'34	
direct	-63 Jan 20 j 20:27	7°♑29'10	
morning max el	-63 Feb 03 j 05:03	15°♑14'57	27°10'52
desc. node	-63 Feb 03 j 10:45	15°♑29'16	
	-63 Feb 15 j 08:06	0°♒	
	-63 Mar 05 j 22:49	0°♓	
morning set	-63 Mar 10 j 17:14	8°♓58'58	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-63 Mar 15 j 08:53	18°♓15'28	1.33914 AU
superior conj	-63 Mar 18 j 21:58	25°♓36'58	-0°48'51
minimum elong	-63 Mar 19 j 00:18	25°♓49'18	0°48'24
	-63 Mar 20 j 23:44	0°♈	
asc. node	-63 Mar 23 j 17:30	5°♈49'20	
evening rise	-63 Mar 26 j 06:11	11°♈09'16	
	-63 Apr 05 j 02:02	0°♉	
evening max el	-63 Apr 15 j 21:45	14°♉26'02	21°51'52
retrograde	-63 Apr 28 j 10:44	20°♉33'49	
evening set	-63 May 01 j 01:17	20°♉18'39	
desc. node	-63 May 02 j 09:57	19°♉59'18	
inferior conj	-63 May 10 j 11:15	16°♉14'34	-2°14'53
minimum elong	-63 May 10 j 05:16	16°♉22'59	2°12'55
min. Earth dist.	-63 May 10 j 02:29	16°♉26'52	0.55056 AU
morning rise	-63 May 19 j 10:22	12°♉18'22	
direct	-63 May 22 j 09:24	11°♉58'57	
morning max el	-63 Jun 03 j 11:44	17°♉40'24	21°40'36
	-63 Jun 13 j 05:07	0°♊	
asc. node	-63 Jun 19 j 16:47	11°♊29'58	
morning set	-63 Jun 24 j 02:35	20°♊22'32	
	-63 Jun 28 j 16:31	0°♋	
superior conj	-63 Jul 01 j 10:21	5°♋45'49	1°36'49
minimum elong	-63 Jul 01 j 08:16	5°♋34'56	1°36'38
max. Earth dist.	-63 Jul 05 j 03:35	13°♋24'48	1.34918 AU
evening rise	-63 Jul 09 j 15:36	22°♋17'13	
	-63 Jul 13 j 18:46	0°♌	
desc. node	-63 Jul 29 j 09:18	25°♌23'36	
	-63 Aug 01 j 16:09	0°♍	
evening max el	-63 Aug 13 j 20:26	14°♍22'33	26°50'38
retrograde	-63 Aug 26 j 22:43	21°♍39'22	
evening set	-63 Sep 02 j 16:28	18°♍54'39	
min. Earth dist.	-63 Sep 06 j 15:27	14°♍54'17	0.65661 AU
inferior conj	-63 Sep 08 j 11:12	12°♍46'04	-2°21'23
minimum elong	-63 Sep 08 j 14:45	12°♍35'39	2°20'03
morning rise	-63 Sep 14 j 13:35	7°♍04'59	
asc. node	-63 Sep 15 j 15:57	6°♍36'53	
direct	-63 Sep 17 j 10:22	6°♍19'31	
morning max el	-63 Sep 24 j 00:49	9°♍56'17	18°22'56
	-63 Oct 08 j 00:50	0°♎	
morning set	-63 Oct 13 j 10:07	8°♎44'53	
desc. node	-63 Oct 25 j 08:37	27°♎54'51	
	-63 Oct 26 j 16:14	0°♏	
superior conj	-63 Oct 28 j 14:56	3°♏04'25	-0°21'20
minimum elong	-63 Oct 28 j 12:08	2°♏53'21	0°20'57
max. Earth dist.	-63 Oct 30 j 09:48	5°♏53'09	1.45012 AU
evening rise	-63 Nov 13 j 22:50	28°♏41'53	
	-63 Nov 14 j 18:44	0°♐	
greatest brilliancy	-63 Nov 24 j 12:58	15°♐15'30	-0.8m
	-63 Dec 04 j 20:16	0°♑	
evening max el	-63 Dec 07 j 06:26	2°♑44'48	19°18'29
asc. node	-63 Dec 12 j 15:12	6°♑32'57	
retrograde	-63 Dec 14 j 08:50	6°♑49'40	
evening set	-63 Dec 17 j 17:43	5°♑43'24	
inferior conj	-63 Dec 23 j 07:50	29°♐51'10	3°05'47
minimum elong	-63 Dec 23 j 05:04	0°♑00'01	3°05'07
	-63 Dec 23 j 05:05	30°℞♐	
min. Earth dist.	-63 Dec 24 j 15:28	28°♐09'42	0.66089 AU
morning rise	-63 Dec 28 j 16:10	23°♐40'02	
direct	-62 Jan 04 j 00:08	20°♐52'34	
morning max el	-62 Jan 16 j 14:27	28°♐19'01	26°10'21
	-62 Jan 18 j 05:17	0°♑	
desc. node	-62 Jan 21 j 07:48	3°♑30'35	
	-62 Feb 09 j 02:12	0°♒	
morning set	-62 Feb 21 j 18:59	21°♒59'21	
	-62 Feb 25 j 23:48	0°♓	
max. Earth dist.	-62 Feb 25 j 18:46	29°♒35'30	1.35316 AU
superior conj	-62 Mar 02 j 18:57	9°♓34'29	-1°14'35
minimum elong	-62 Mar 02 j 22:22	9°♓51'53	1°14'04
evening rise	-62 Mar 10 j 13:48	25°♓38'18	
asc. node	-62 Mar 10 j 14:32	25°♓42'03	
	-62 Mar 12 j 17:19	0°♈	
evening max el	-62 Mar 29 j 01:47	25°♈33'45	20°29'13
	-62 Apr 04 j 15:52	0°♉	
retrograde	-62 Apr 08 j 23:45	0°♉48'52	
evening set	-62 Apr 11 j 03:06	0°♉37'37	
	-62 Apr 13 j 12:55	30°℞♈	
desc. node	-62 Apr 19 j 07:00	27°♈13'34	
inferior conj	-62 Apr 20 j 06:11	26°♈40'04	-0°16'37
minimum elong	-62 Apr 20 j 05:24	26°♈41'12	0°16'20
min. Earth dist.	-62 Apr 21 j 15:56	25°♈51'06	0.55178 AU
morning rise	-62 Apr 29 j 06:27	22°♈25'06	
direct	-62 May 02 j 21:10	21°♈56'48	
morning max el	-62 May 16 j 06:46	28°♈28'39	23°19'01
	-62 May 17 j 19:42	0°♉	
	-62 Jun 06 j 00:06	0°♊	
asc. node	-62 Jun 06 j 13:50	1°♊09'47	
morning set	-62 Jun 08 j 13:52	5°♊18'37	
superior conj	-62 Jun 15 j 16:09	20°♊29'39	1°22'58
minimum elong	-62 Jun 15 j 13:40	20°♊16'20	1°22'38
max. Earth dist.	-62 Jun 18 j 02:19	25°♊38'52	1.33705 AU
	-62 Jun 20 j 04:20	0°♋	
evening rise	-62 Jun 23 j 06:30	6°♋16'20	
	-62 Jul 06 j 09:06	0°♌	
desc. node	-62 Jul 16 j 06:20	14°♌45'41	
evening max el	-62 Jul 27 j 08:05	27°♌42'15	27°21'11
	-62 Jul 29 j 21:47	0°♍	
retrograde	-62 Aug 09 j 20:29	5°♍01'35	
evening set	-62 Aug 16 j 23:09	2°♍18'00	
	-62 Aug 19 j 13:44	30°℞♌	
min. Earth dist.	-62 Aug 20 j 16:03	28°♌53'19	0.64299 AU
inferior conj	-62 Aug 23 j 00:52	26°♌21'38	-3°14'07
minimum elong	-62 Aug 23 j 05:26	26°♌09'27	3°12'43
morning rise	-62 Aug 29 j 12:34	20°♌56'09	
direct	-62 Sep 01 j 03:51	20°♌20'34	
asc. node	-62 Sep 02 j 13:02	20°♌30'27	
morning max el	-62 Sep 07 j 16:09	23°♌47'37	17°59'13
	-62 Sep 12 j 15:28	0°♍	
morning set	-62 Sep 25 j 00:17	20°♍15'19	
	-62 Sep 30 j 18:47	0°♎	
superior conj	-62 Oct 08 j 04:11	12°♎09'50	0°26'40
minimum elong	-62 Oct 08 j 07:11	12°♎21'56	0°26'16
desc. node	-62 Oct 12 j 05:39	18°♎41'14	
max. Earth dist.	-62 Oct 13 j 04:11	20°♎10'53	1.44464 AU
	-62 Oct 19 j 09:59	0°♏	
evening rise	-62 Oct 24 j 11:01	7°♏48'56	
	-62 Nov 08 j 02:48	0°♐	
evening max el	-62 Nov 20 j 10:40	16°♐13'16	20°14'53
retrograde	-62 Nov 28 j 06:25	20°♐49'09	
asc. node	-62 Nov 29 j 12:15	20°♐40'22	
evening set	-62 Dec 01 j 23:48	19°♐28'35	
inferior conj	-62 Dec 07 j 10:20	13°♐23'32	2°28'41
minimum elong	-62 Dec 07 j 07:38	13°♐32'38	2°27'49
min. Earth dist.	-62 Dec 08 j 04:45	12°♐21'35	0.66973 AU
morning rise	-62 Dec 12 j 15:17	7°♐10'25	
direct	-62 Dec 18 j 09:07	4°♐38'03	
morning max el	-62 Dec 29 j 22:58	11°♐31'42	24°51'30
desc. node	-61 Jan 08 j 04:51	22°♐24'19	
	-61 Jan 13 j 18:18	0°♑	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-61 Feb 01 j 19:27	0°♒	
morning set	-61 Feb 04 j 02:29	4°♒01'17	
max. Earth dist.	-61 Feb 07 j 18:25	10°♒38'52	1.37133 AU
superior conj	-61 Feb 14 j 05:59	22°♒57'54	-1°37'19
minimum elong	-61 Feb 14 j 09:51	23°♒16'48	1°36'53
	-61 Feb 17 j 19:19	0°♓	
evening rise	-61 Feb 22 j 16:09	9°♓46'02	
asc. node	-61 Feb 25 j 11:35	15°♓19'30	
	-61 Mar 05 j 19:26	0°♈	
evening max el	-61 Mar 11 j 17:04	7°♈19'39	19°24'08
retrograde	-61 Mar 20 j 22:24	11°♈45'35	
evening set	-61 Mar 23 j 02:34	11°♈31'54	
inferior conj	-61 Mar 31 j 12:41	7°♈24'41	1°33'07
minimum elong	-61 Mar 31 j 16:14	7°♈18'52	1°31'59
min. Earth dist.	-61 Apr 03 j 06:33	5°♈37'30	0.56211 AU
desc. node	-61 Apr 06 j 04:02	3°♈56'00	
morning rise	-61 Apr 09 j 03:11	2°♈38'03	
direct	-61 Apr 13 j 18:30	1°♈49'05	
morning max el	-61 Apr 27 j 21:35	8°♈59'14	24°58'59
	-61 May 13 j 12:26	0°♉	
morning set	-61 May 24 j 01:53	20°♉17'50	
asc. node	-61 May 24 j 10:53	21°♉05'22	
	-61 May 28 j 14:11	0°♊	
superior conj	-61 May 31 j 01:48	5°♊25'00	1°04'51
minimum elong	-61 May 30 j 23:27	5°♊12'12	1°04'27
max. Earth dist.	-61 Jun 01 j 09:12	8°♊15'35	1.32880 AU
evening rise	-61 Jun 07 j 06:30	20°♊42'52	
	-61 Jun 11 j 23:00	0°♋	
	-61 Jun 30 j 11:42	0°♌	
desc. node	-61 Jul 03 j 03:22	3°♌22'47	
evening max el	-61 Jul 09 j 17:09	10°♌34'30	27°21'56
retrograde	-61 Jul 23 j 11:51	17°♌52'36	
evening set	-61 Jul 30 j 16:38	15°♌22'25	
min. Earth dist.	-61 Aug 03 j 06:29	12°♌27'06	0.62591 AU
inferior conj	-61 Aug 06 j 04:05	9°♌41'20	-4°00'08
minimum elong	-61 Aug 06 j 08:45	9°♌30'10	3°59'07
morning rise	-61 Aug 13 j 02:09	4°♌34'52	
direct	-61 Aug 15 j 14:21	4°♌06'19	
asc. node	-61 Aug 20 j 10:05	5°♌54'00	
morning max el	-61 Aug 22 j 07:36	7°♌31'57	17°53'30
	-61 Sep 05 j 22:44	0°♍	
morning set	-61 Sep 07 j 12:48	2°♍49'49	
superior conj	-61 Sep 18 j 19:27	22°♍33'00	1°05'06
minimum elong	-61 Sep 19 j 00:27	22°♍54'13	1°04'31
	-61 Sep 23 j 06:27	0°♎	
max. Earth dist.	-61 Sep 25 j 19:08	4°♎08'08	1.43253 AU
desc. node	-61 Sep 29 j 02:42	9°♎27'59	
evening rise	-61 Oct 03 j 18:26	16°♎47'53	
	-61 Oct 12 j 09:59	0°♏	
evening max el	-61 Nov 03 j 09:06	29°♏41'48	21°23'47
	-61 Nov 03 j 16:18	0°♐	
retrograde	-61 Nov 12 j 03:37	4°♐54'39	
evening set	-61 Nov 16 j 07:26	3°♐17'57	
asc. node	-61 Nov 16 j 09:19	3°♐14'15	
	-61 Nov 19 j 11:19	30°℞♏	
inferior conj	-61 Nov 21 j 16:06	27°♏03'24	1°44'36
minimum elong	-61 Nov 21 j 13:56	27°♏10'53	1°43'47
min. Earth dist.	-61 Nov 21 j 22:48	26°♏40'18	0.67489 AU
morning rise	-61 Nov 26 j 20:16	20°♏50'11	
direct	-61 Dec 01 j 22:49	18°♏38'31	
morning max el	-61 Dec 12 j 08:01	24°♏49'18	23°24'15
	-61 Dec 16 j 23:45	0°♐	
desc. node	-61 Dec 26 j 01:54	11°♐55'25	
	-60 Jan 07 j 06:17	0°♑	

morning set	-60 Jan 16 j 09:25	14°♑48'03	
max. Earth dist.	-60 Jan 20 j 13:40	21°♑57'47	1.39216 AU
	-60 Jan 25 j 01:57	0°♒	
superior conj	-60 Jan 28 j 03:01	5°♒36'00	-1°54'18
minimum elong	-60 Jan 28 j 06:04	5°♒50'17	1°54'07
evening rise	-60 Feb 06 j 10:30	23°♒24'31	
	-60 Feb 09 j 21:07	0°♓	
asc. node	-60 Feb 12 j 08:38	4°♓35'13	
evening max el	-60 Feb 22 j 18:00	19°♓40'34	18°38'51
retrograde	-60 Mar 01 j 14:49	23°♓30'39	
evening set	-60 Mar 03 j 23:47	23°♓10'58	
inferior conj	-60 Mar 11 j 14:58	18°♓45'45	2°51'38
minimum elong	-60 Mar 11 j 19:11	18°♓37'41	2°50'39
min. Earth dist.	-60 Mar 14 j 23:58	16°♓12'19	0.57927 AU
morning rise	-60 Mar 19 j 11:44	13°♓27'29	
desc. node	-60 Mar 23 j 01:04	12°♓17'08	
direct	-60 Mar 25 j 05:36	12°♓05'03	
morning max el	-60 Apr 08 j 14:08	19°♓39'13	26°25'17
	-60 Apr 17 j 09:19	0°♈	
	-60 May 05 j 00:09	0°♉	
morning set	-60 May 07 j 12:54	5°♉13'17	
asc. node	-60 May 10 j 07:55	11°♉10'33	
superior conj	-60 May 14 j 13:17	20°♉24'11	0°43'22
minimum elong	-60 May 14 j 11:31	20°♉14'25	0°43'01
max. Earth dist.	-60 May 14 j 20:46	21°♉05'13	1.32427 AU
	-60 May 18 j 23:01	0°♊	
evening rise	-60 May 21 j 12:35	5°♊26'17	
	-60 Jun 03 j 14:42	0°♋	
desc. node	-60 Jun 19 j 00:23	20°♋55'22	
evening max el	-60 Jun 20 j 20:57	22°♋46'28	26°49'50
	-60 Jul 03 j 19:56	0°♌	
retrograde	-60 Jul 04 j 20:06	0°♌02'37	
	-60 Jul 05 j 20:06	30°℞♋	
evening set	-60 Jul 11 j 16:30	27°♋59'47	
min. Earth dist.	-60 Jul 15 j 10:40	25°♋20'41	0.60611 AU
inferior conj	-60 Jul 18 j 17:23	22°♋36'11	-4°33'29
minimum elong	-60 Jul 18 j 20:35	22°♋29'27	4°33'08
morning rise	-60 Jul 26 j 02:32	17°♋51'28	
direct	-60 Jul 28 j 13:54	17°♋27'46	
morning max el	-60 Aug 04 j 20:09	21°♋01'22	18°06'45
asc. node	-60 Aug 06 j 07:08	22°♋33'10	
	-60 Aug 11 j 15:48	0°♌	
morning set	-60 Aug 20 j 17:48	16°♌11'34	
	-60 Aug 28 j 04:43	0°♍	
superior conj	-60 Aug 30 j 13:16	4°♍14'48	1°30'34
minimum elong	-60 Aug 30 j 17:13	4°♍32'25	1°30'14
max. Earth dist.	-60 Sep 07 j 04:12	17°♍27'16	1.41539 AU
evening rise	-60 Sep 12 j 14:47	26°♍24'15	
desc. node	-60 Sep 14 j 23:44	0°♎11'41	
	-60 Sep 14 j 20:47	0°♎	
	-60 Oct 05 j 04:55	0°♏	
evening max el	-60 Oct 16 j 02:00	13°♏11'27	22°41'11
retrograde	-60 Oct 25 j 22:45	19°♏03'16	
evening set	-60 Oct 30 j 14:54	17°♏09'08	
asc. node	-60 Nov 02 j 06:20	14°♏24'24	
inferior conj	-60 Nov 04 j 23:12	10°♏48'50	0°55'17
minimum elong	-60 Nov 04 j 21:56	10°♏53'10	0°54'45
min. Earth dist.	-60 Nov 04 j 19:14	11°♏02'30	0.67668 AU
morning rise	-60 Nov 10 j 04:52	4°♏37'43	
direct	-60 Nov 14 j 16:32	2°♏48'32	
morning max el	-60 Nov 23 j 20:38	8°♏13'05	21°58'01
	-60 Dec 10 j 15:53	0°♐	
desc. node	-60 Dec 11 j 22:57	1°♐53'29	
morning set	-60 Dec 26 j 11:19	24°♐10'55	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-60 Dec 30 j 01:21	0°♉	
max. Earth dist.	-59 Jan 01 j 11:49	4°♉02'02	1.41306 AU
superior conj	-59 Jan 09 j 05:02	17°♉16'59	-2°01'49
minimum elong	-59 Jan 09 j 05:20	17°♉18'19	2°01'49
	-59 Jan 16 j 06:01	0°♒	
evening rise	-59 Jan 19 j 17:32	6°♒26'18	
asc. node	-59 Jan 29 j 05:39	23°♒22'12	
	-59 Feb 02 j 20:01	0°♓	
evening max el	-59 Feb 05 j 01:50	2°♓29'25	18°13'38
retrograde	-59 Feb 12 j 01:24	5°♓59'32	
evening set	-59 Feb 14 j 15:22	5°♓31'40	
inferior conj	-59 Feb 21 j 14:01	0°♓45'41	3°35'15
minimum elong	-59 Feb 21 j 16:29	0°♓40'13	3°34'56
	-59 Feb 22 j 10:28	30°♑℞	
min. Earth dist.	-59 Feb 24 j 22:36	27°♒48'02	0.59993 AU
morning rise	-59 Feb 28 j 15:30	25°♒04'49	
direct	-59 Mar 07 j 05:22	23°♒04'09	
desc. node	-59 Mar 09 j 22:06	23°♒23'32	
	-59 Mar 20 j 14:54	0°♓	
morning max el	-59 Mar 21 j 12:06	0°♓50'56	27°23'56
	-59 Apr 11 j 11:05	0°♈	
morning set	-59 Apr 21 j 21:12	19°♈58'50	
	-59 Apr 26 j 14:07	0°♉	
asc. node	-59 Apr 27 j 04:58	1°♉20'48	
max. Earth dist.	-59 Apr 28 j 09:22	3°♉56'02	1.32341 AU
superior conj	-59 Apr 29 j 00:54	5°♉21'15	0°19'17
minimum elong	-59 Apr 29 j 00:03	5°♉16'32	0°19'07
evening rise	-59 May 05 j 22:25	20°♉18'51	
	-59 May 10 j 16:24	0°♊	
	-59 May 29 j 18:16	0°♋	
evening max el	-59 Jun 02 j 18:06	4°♋13'33	25°46'32
desc. node	-59 Jun 05 j 21:23	6°♋57'00	
retrograde	-59 Jun 16 j 19:28	11°♋25'32	
evening set	-59 Jun 22 j 18:27	10°♋00'37	
min. Earth dist.	-59 Jun 27 j 06:32	7°♋19'56	0.58553 AU
inferior conj	-59 Jun 30 j 13:15	4°♋57'08	-4°44'47
minimum elong	-59 Jun 30 j 12:53	4°♋57'50	4°44'47
morning rise	-59 Jul 08 j 09:47	0°♋34'42	
direct	-59 Jul 10 j 22:09	0°♋14'13	
morning max el	-59 Jul 19 j 02:43	4°♋07'05	18°40'06
asc. node	-59 Jul 24 j 04:11	10°♋12'53	
morning set	-59 Aug 04 j 10:34	0°♌08'10	
	-59 Aug 04 j 08:53	0°♌	
superior conj	-59 Aug 13 j 04:39	17°♌00'47	1°43'52
minimum elong	-59 Aug 13 j 06:27	17°♌09'18	1°43'47
	-59 Aug 20 j 07:42	0°♍	
max. Earth dist.	-59 Aug 20 j 08:13	0°♍02'16	1.39561 AU
evening rise	-59 Aug 24 j 10:40	7°♍06'57	
desc. node	-59 Sep 01 j 20:45	20°♍48'14	
	-59 Sep 07 j 21:51	0°♎	
evening max el	-59 Sep 28 j 15:08	26°♎44'00	24°01'29
	-59 Oct 02 j 06:52	0°♏	
retrograde	-59 Oct 09 j 14:27	3°♏11'02	
evening set	-59 Oct 14 j 20:31	0°♏59'06	
	-59 Oct 15 j 21:47	30°♏℞	
min. Earth dist.	-59 Oct 19 j 15:34	25°♎25'27	0.67531 AU
inferior conj	-59 Oct 20 j 05:51	24°♎37'04	0°02'08
minimum elong	-59 Oct 20 j 05:47	24°♎37'15	0°02'07
transit middle	-59 Oct 20 j 05:47	24°♎37'15	0°02'07
transit begin	-59 Oct 20 j 03:05	24°♎46'24	
transit end	-59 Oct 20 j 08:29	24°♎28'06	
asc. node	-59 Oct 20 j 03:22	24°♎45'27	
morning rise	-59 Oct 25 j 15:02	18°♎30'36	
direct	-59 Oct 29 j 13:14	17°♎03'03	
morning max el	-59 Nov 06 j 15:44	21°♎45'22	20°39'54
	-59 Nov 13 j 12:54	0°♏	
desc. node	-59 Nov 28 j 19:59	22°♏10'20	
	-59 Dec 03 j 22:40	0°♐	
morning set	-59 Dec 05 j 12:58	2°♐28'24	
max. Earth dist.	-59 Dec 14 j 17:22	17°♐01'24	1.43116 AU
superior conj	-59 Dec 21 j 06:38	27°♐48'02	-1°55'19
minimum elong	-59 Dec 21 j 02:16	27°♐29'47	1°55'06
	-59 Dec 22 j 14:04	0°♑	
evening rise	-58 Jan 02 j 09:12	18°♑42'18	
	-58 Jan 08 j 19:35	0°♒	
asc. node	-58 Jan 16 j 02:41	11°♒30'59	
evening max el	-58 Jan 19 j 13:28	15°♒37'07	18°08'04
retrograde	-58 Jan 26 j 02:37	19°♒01'59	
evening set	-58 Jan 28 j 21:09	18°♒24'42	
inferior conj	-58 Feb 04 j 06:47	13°♒17'45	3°50'14
minimum elong	-58 Feb 04 j 06:59	13°♒17'15	3°50'14
min. Earth dist.	-58 Feb 07 j 04:49	10°♒20'56	0.62070 AU
morning rise	-58 Feb 10 j 15:38	7°♒22'53	
direct	-58 Feb 17 j 14:58	4°♒51'09	
desc. node	-58 Feb 24 j 19:08	7°♒09'06	
morning max el	-58 Mar 03 j 16:00	12°♒42'47	27°47'03
	-58 Mar 17 j 10:49	0°♓	
	-58 Apr 03 j 19:29	0°♈	
morning set	-58 Apr 06 j 00:47	4°♈27'21	
max. Earth dist.	-58 Apr 11 j 19:16	16°♈35'04	1.32628 AU
superior conj	-58 Apr 13 j 11:00	20°♈10'12	-0°06'38
minimum elong	-58 Apr 13 j 11:18	20°♈11'53	0°06'33
behind sun begin	-58 Apr 13 j 06:36	19°♈46'18	
behind sun end	-58 Apr 13 j 16:01	20°♈37'29	
asc. node	-58 Apr 14 j 02:00	21°♈31'48	
	-58 Apr 17 j 23:27	0°♉	
evening rise	-58 Apr 20 j 10:02	5°♉13'33	
	-58 May 03 j 15:29	0°♊	
evening max el	-58 May 15 j 09:51	15°♊03'20	24°20'22
desc. node	-58 May 23 j 18:22	20°♊53'34	
retrograde	-58 May 29 j 07:14	22°♊03'24	
evening set	-58 Jun 02 j 21:53	21°♊15'56	
min. Earth dist.	-58 Jun 08 j 21:11	18°♊17'41	0.56712 AU
inferior conj	-58 Jun 11 j 13:13	16°♊36'29	-4°21'28
minimum elong	-58 Jun 11 j 08:08	16°♊44'34	4°20'42
morning rise	-58 Jun 19 j 21:12	12°♊33'12	
direct	-58 Jun 22 j 11:57	12°♊14'45	
morning max el	-58 Jul 02 j 00:25	16°♊39'56	19°34'28
asc. node	-58 Jul 11 j 01:14	28°♊39'47	
	-58 Jul 11 j 20:04	0°♋	
morning set	-58 Jul 19 j 11:41	14°♋31'03	
	-58 Jul 27 j 04:47	0°♌	
superior conj	-58 Jul 27 j 12:05	0°♌36'01	1°47'07
minimum elong	-58 Jul 27 j 11:55	0°♌35'10	1°47'06
max. Earth dist.	-58 Aug 02 j 11:43	12°♌04'28	1.37575 AU
evening rise	-58 Aug 06 j 07:01	19°♌00'03	
	-58 Aug 12 j 16:37	0°♍	
desc. node	-58 Aug 19 j 17:46	11°♍13'27	
	-58 Sep 02 j 01:42	0°♎	
evening max el	-58 Sep 11 j 02:51	10°♎20'43	25°17'35
retrograde	-58 Sep 23 j 01:47	17°♎14'39	
evening set	-58 Sep 28 j 22:34	14°♎46'12	
min. Earth dist.	-58 Oct 03 j 09:23	9°♎47'41	0.67079 AU
inferior conj	-58 Oct 04 j 10:21	8°♎26'27	-0°53'20
minimum elong	-58 Oct 04 j 11:41	8°♎22'06	0°52'45
asc. node	-58 Oct 07 j 00:25	5°♎13'56	
morning rise	-58 Oct 10 j 00:56	2°♎27'33	
direct	-58 Oct 13 j 11:32	1°♎19'02	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	-58 Oct 20 j 18:35	5°♎28'00	19°34'33
	-58 Nov 07 j 11:48	0°♏	
morning set	-58 Nov 14 j 11:10	10°♏44'53	
desc. node	-58 Nov 15 j 17:02	12°♏40'42	
	-58 Nov 26 j 18:31	0°♐	
max. Earth dist.	-58 Nov 27 j 06:29	0°♐47'24	1.44400 AU
superior conj	-58 Dec 01 j 05:26	7°♐05'55	-1°30'56
minimum elong	-58 Nov 30 j 21:19	6°♐33'21	1°30'10
evening rise	-58 Dec 15 j 05:11	0°♑05'16	
	-58 Dec 15 j 03:56	0°♑	
asc. node	-57 Jan 02 j 23:42	28°♑50'32	
evening max el	-57 Jan 03 j 02:00	28°♑56'24	18°21'26
	-57 Jan 04 j 04:53	0°♒	
retrograde	-57 Jan 09 j 14:12	2°♒28'48	
evening set	-57 Jan 12 j 13:25	1°♒41'12	
	-57 Jan 14 j 22:27	30°℞♑	
inferior conj	-57 Jan 18 j 13:21	26°♑14'35	3°44'13
minimum elong	-57 Jan 18 j 11:49	26°♑18'57	3°44'05
min. Earth dist.	-57 Jan 20 j 20:28	23°♑38'41	0.63913 AU
morning rise	-57 Jan 24 j 09:37	20°♑11'00	
direct	-57 Jan 31 j 08:16	17°♑22'07	
desc. node	-57 Feb 11 j 16:11	23°♑00'03	
morning max el	-57 Feb 14 j 00:10	25°♑11'54	27°33'37
	-57 Feb 18 j 10:04	0°♒	
	-57 Mar 10 j 21:26	0°♓	
morning set	-57 Mar 20 j 21:08	18°♓30'28	
max. Earth dist.	-57 Mar 25 j 22:35	28°♓49'28	1.33324 AU
	-57 Mar 26 j 12:02	0°♈	
superior conj	-57 Mar 28 j 17:44	4°♈44'37	-0°33'25
minimum elong	-57 Mar 28 j 19:21	4°♈53'12	0°33'06
asc. node	-57 Mar 31 j 23:02	11°♈39'13	
evening rise	-57 Apr 04 j 21:37	20°♈03'35	
	-57 Apr 09 j 18:56	0°♉	
evening max el	-57 Apr 27 j 01:06	25°♉37'28	22°44'59
	-57 May 02 j 17:10	0°♊	
retrograde	-57 May 10 j 06:10	2°♊09'58	
desc. node	-57 May 10 j 15:24	2°♊09'38	
evening set	-57 May 13 j 11:24	1°♊47'17	
	-57 May 18 j 06:36	30°℞♉	
min. Earth dist.	-57 May 21 j 09:41	28°♉19'09	0.55428 AU
inferior conj	-57 May 22 j 18:20	27°♉32'24	-3°13'16
minimum elong	-57 May 22 j 11:05	27°♉42'48	3°11'18
morning rise	-57 May 31 j 13:03	23°♉38'52	
direct	-57 Jun 03 j 07:49	23°♉20'50	
morning max el	-57 Jun 14 j 11:14	28°♉31'20	20°49'26
	-57 Jun 15 j 23:11	0°♊	
asc. node	-57 Jun 27 j 22:18	17°♊41'49	
morning set	-57 Jul 03 j 18:23	29°♊11'48	
	-57 Jul 04 j 03:46	0°♋	
superior conj	-57 Jul 11 j 06:54	14°♋46'15	1°42'25
minimum elong	-57 Jul 11 j 05:20	14°♋38'11	1°42'20
max. Earth dist.	-57 Jul 15 j 20:05	23°♋54'45	1.35794 AU
	-57 Jul 18 j 23:47	0°♌	
evening rise	-57 Jul 19 j 23:39	1°♌52'20	
	-57 Aug 05 j 17:05	0°♍	
desc. node	-57 Aug 06 j 14:46	1°♍20'48	
evening max el	-57 Aug 24 j 14:32	23°♍57'05	26°21'53
	-57 Sep 01 j 17:30	0°♎	
retrograde	-57 Sep 06 j 08:13	1°♎08'07	
	-57 Sep 10 j 13:54	30°℞♍	
evening set	-57 Sep 12 j 19:07	28°♍27'09	
min. Earth dist.	-57 Sep 16 j 22:11	24°♍05'38	0.66286 AU
inferior conj	-57 Sep 18 j 10:50	22°♍13'31	-1°49'30
minimum elong	-57 Sep 18 j 13:37	22°♍05'00	1°48'23
asc. node	-57 Sep 23 j 21:29	16°♍42'11	
morning rise	-57 Sep 24 j 08:30	16°♍25'16	
direct	-57 Sep 27 j 09:40	15°♍32'27	
morning max el	-57 Oct 04 j 04:10	19°♍18'03	18°44'24
	-57 Oct 12 j 09:16	0°♎	
morning set	-57 Oct 25 j 05:05	20°♎04'59	
	-57 Oct 31 j 11:22	0°♏	
desc. node	-57 Nov 02 j 14:05	3°♏20'01	
superior conj	-57 Nov 10 j 08:38	15°♏33'39	-0°49'33
minimum elong	-57 Nov 10 j 02:21	15°♏08'58	0°48'45
max. Earth dist.	-57 Nov 10 j 00:15	15°♏00'41	1.44997 AU
	-57 Nov 19 j 12:08	0°♐	
evening rise	-57 Nov 26 j 02:00	10°♐29'45	
	-57 Dec 08 j 08:14	0°♑	
evening max el	-57 Dec 17 j 12:52	12°♑21'40	18°52'50
asc. node	-57 Dec 20 j 20:44	15°♑07'12	
retrograde	-57 Dec 24 j 08:07	16°♑12'21	
evening set	-57 Dec 27 j 13:01	15°♑13'20	
inferior conj	-56 Jan 02 j 06:01	9°♑29'28	3°23'09
minimum elong	-56 Jan 02 j 03:30	9°♑37'16	3°22'40
min. Earth dist.	-56 Jan 03 j 21:51	7°♑26'26	0.65398 AU
morning rise	-56 Jan 07 j 17:40	3°♑20'16	
direct	-56 Jan 14 j 08:15	0°♑28'50	
morning max el	-56 Jan 27 j 10:02	8°♑07'51	26°48'10
desc. node	-56 Jan 29 j 13:15	10°♑21'58	
	-56 Feb 13 j 11:47	0°♒	
	-56 Mar 02 j 06:05	0°♓	
morning set	-56 Mar 03 j 06:59	1°♓58'07	
max. Earth dist.	-56 Mar 07 j 15:46	10°♓30'58	1.34457 AU
superior conj	-56 Mar 11 j 19:03	18°♓58'06	-0°59'59
minimum elong	-56 Mar 11 j 21:54	19°♓12'53	0°59'29
	-56 Mar 17 j 01:14	0°♈	
asc. node	-56 Mar 17 j 20:05	1°♈38'59	
evening rise	-56 Mar 19 j 07:18	4°♈42'41	
	-56 Apr 02 j 10:56	0°♉	
evening max el	-56 Apr 07 j 22:59	6°♉26'36	21°14'45
retrograde	-56 Apr 19 j 20:29	12°♉13'16	
evening set	-56 Apr 22 j 04:18	12°♉00'46	
desc. node	-56 Apr 26 j 12:25	10°♉38'12	
inferior conj	-56 May 01 j 13:02	8°♉01'09	-1°25'55
minimum elong	-56 May 01 j 09:00	8°♉06'50	1°24'29
min. Earth dist.	-56 May 01 j 22:33	7°♉47'46	0.54991 AU
morning rise	-56 May 10 j 13:56	3°♉59'30	
direct	-56 May 13 j 18:08	3°♉37'39	
morning max el	-56 May 26 j 11:27	9°♉40'55	22°21'27
	-56 Jun 10 j 01:06	0°♊	
asc. node	-56 Jun 13 j 19:23	7°♊10'09	
morning set	-56 Jun 17 j 04:32	14°♊04'08	
superior conj	-56 Jun 24 j 09:32	29°♊20'45	1°31'31
minimum elong	-56 Jun 24 j 07:13	29°♊08'28	1°31'17
	-56 Jun 24 j 16:59	0°♋	
max. Earth dist.	-56 Jun 27 j 13:11	5°♋55'46	1.34355 AU
evening rise	-56 Jul 02 j 07:42	15°♋30'44	
	-56 Jul 10 j 03:45	0°♌	
desc. node	-56 Jul 23 j 11:46	21°♌02'23	
	-56 Jul 30 j 07:27	0°♍	
evening max el	-56 Aug 06 j 02:20	7°♍25'22	27°06'46
retrograde	-56 Aug 19 j 09:26	14°♍44'22	
evening set	-56 Aug 26 j 07:43	11°♍58'24	
min. Earth dist.	-56 Aug 30 j 03:46	8°♍13'56	0.65130 AU
inferior conj	-56 Sep 01 j 05:09	5°♍54'36	-2°44'18
minimum elong	-56 Sep 01 j 09:12	5°♍43'10	2°42'54
morning rise	-56 Sep 07 j 11:23	0°♍20'04	
	-56 Sep 08 j 06:30	30°℞♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-56 Sep 09 j 18:35	29°♌40'25	
direct	-56 Sep 10 j 05:29	29°♌39'18	
	-56 Sep 12 j 04:45	0°♍	
morning max el	-56 Sep 16 j 18:14	3°♍10'51	18°10'43
	-56 Oct 04 j 15:36	0°♎	
morning set	-56 Oct 05 j 03:35	0°♎49'40	
desc. node	-56 Oct 19 j 11:06	24°♎04'33	
superior conj	-56 Oct 19 j 12:04	24°♎08'26	-0°00'16
minimum elong	-56 Oct 19 j 12:02	24°♎08'17	0°00'16
behind sun begin	-56 Oct 19 j 01:10	23°♎25'05	
behind sun end	-56 Oct 19 j 22:54	24°♎51'26	
max. Earth dist.	-56 Oct 22 j 18:56	29°♎20'33	1.44859 AU
	-56 Oct 23 j 04:57	0°♏	
evening rise	-56 Nov 04 j 23:54	19°♏58'37	
	-56 Nov 11 j 11:11	0°♐	
greatest brilliancy	-56 Nov 17 j 13:59	9°♐20'46	-0.7m
evening max el	-56 Nov 29 j 19:54	25°♐48'52	19°40'47
	-56 Dec 06 j 03:02	0°♑	
asc. node	-56 Dec 06 j 17:49	0°♑05'21	
retrograde	-56 Dec 07 j 05:09	0°♑06'36	
	-56 Dec 08 j 06:50	30°℞♐	
evening set	-56 Dec 10 j 17:19	28°♐54'35	
inferior conj	-56 Dec 16 j 05:40	22°♐56'21	2°51'04
minimum elong	-56 Dec 16 j 02:52	23°♐05'34	2°50'17
min. Earth dist.	-56 Dec 17 j 07:28	21°♐31'32	0.66500 AU
morning rise	-56 Dec 21 j 12:11	16°♐43'53	
direct	-56 Dec 27 j 14:16	14°♐01'53	
morning max el	-55 Jan 08 j 19:14	21°♐16'54	25°38'35
desc. node	-55 Jan 15 j 10:18	28°♐47'35	
	-55 Jan 16 j 09:24	0°♑	
	-55 Feb 05 j 16:51	0°♒	
morning set	-55 Feb 14 j 01:42	14°♒35'46	
max. Earth dist.	-55 Feb 17 j 20:50	21°♒40'22	1.36037 AU
	-55 Feb 22 j 03:42	0°♓	
superior conj	-55 Feb 23 j 12:11	2°♓41'51	-1°24'45
minimum elong	-55 Feb 23 j 15:54	3°♓00'28	1°24'13
evening rise	-55 Mar 03 j 12:57	19°♓03'11	
asc. node	-55 Mar 04 j 17:08	21°♓25'44	
	-55 Mar 09 j 02:36	0°♈	
evening max el	-55 Mar 21 j 07:47	17°♈50'05	19°59'13
retrograde	-55 Mar 31 j 12:20	22°♈43'22	
evening set	-55 Apr 02 j 14:48	22°♈31'48	
inferior conj	-55 Apr 11 j 11:25	18°♈31'47	0°32'42
minimum elong	-55 Apr 11 j 12:51	18°♈29'35	0°32'12
desc. node	-55 Apr 13 j 09:28	17°♈21'56	
min. Earth dist.	-55 Apr 13 j 12:42	17°♈17'06	0.55513 AU
morning rise	-55 Apr 20 j 08:46	14°♈03'43	
direct	-55 Apr 24 j 08:56	13°♈28'21	
morning max el	-55 May 08 j 04:07	20°♈19'06	24°02'07
	-55 May 16 j 09:30	0°♉	
asc. node	-55 May 31 j 16:26	26°♉57'10	
morning set	-55 Jun 01 j 16:19	29°♉02'01	
	-55 Jun 02 j 03:19	0°♊	
superior conj	-55 Jun 08 j 17:15	14°♊10'27	1°15'45
minimum elong	-55 Jun 08 j 14:46	13°♊57'01	1°15'23
max. Earth dist.	-55 Jun 10 j 15:26	18°♊18'31	1.33306 AU
evening rise	-55 Jun 16 j 02:53	29°♊42'43	
	-55 Jun 16 j 06:19	0°♋	
	-55 Jul 03 j 05:15	0°♌	
desc. node	-55 Jul 10 j 08:48	10°♌07'18	
evening max el	-55 Jul 19 j 13:03	20°♌34'38	27°25'23
retrograde	-55 Aug 02 j 04:52	27°♌54'36	
evening set	-55 Aug 09 j 09:20	25°♌14'58	
min. Earth dist.	-55 Aug 13 j 00:17	22°♌03'52	0.63607 AU
inferior conj	-55 Aug 15 j 14:46	19°♌24'27	-3°34'47
minimum elong	-55 Aug 15 j 19:31	19°♌12'18	3°33'29
morning rise	-55 Aug 22 j 06:47	14°♌06'46	
direct	-55 Aug 24 j 20:19	13°♌34'40	
asc. node	-55 Aug 27 j 15:39	14°♌13'38	
morning max el	-55 Aug 31 j 10:01	17°♌00'23	17°54'30
	-55 Sep 09 j 16:40	0°♍	
morning set	-55 Sep 17 j 04:03	12°♍49'38	
	-55 Sep 27 j 05:20	0°♎	
superior conj	-55 Sep 29 j 11:42	3°♎45'24	0°44'29
minimum elong	-55 Sep 29 j 16:03	4°♎03'18	0°43'55
max. Earth dist.	-55 Oct 05 j 11:38	13°♎29'46	1.44016 AU
desc. node	-55 Oct 06 j 08:09	14°♎51'41	
evening rise	-55 Oct 15 j 07:50	28°♎56'31	
	-55 Oct 16 j 00:19	0°♏	
	-55 Nov 05 j 07:39	0°♐	
evening max el	-55 Nov 12 j 21:43	9°♐17'22	20°42'56
retrograde	-55 Nov 21 j 02:46	14°♐08'42	
asc. node	-55 Nov 23 j 14:52	13°♐33'06	
evening set	-55 Nov 25 j 00:15	12°♐41'42	
inferior conj	-55 Nov 30 j 09:49	6°♐32'19	2°10'45
minimum elong	-55 Nov 30 j 07:17	6°♐40'57	2°09'52
min. Earth dist.	-55 Nov 30 j 23:10	5°♐46'46	0.67232 AU
morning rise	-55 Dec 05 j 14:06	0°♐18'43	
	-55 Dec 05 j 22:46	30°℞♏	
direct	-55 Dec 11 j 01:31	27°♏54'25	
	-55 Dec 16 j 20:18	0°♐	
morning max el	-55 Dec 22 j 03:32	4°♐31'13	24°14'45
desc. node	-54 Jan 02 j 07:21	17°♐58'44	
	-54 Jan 10 j 18:04	0°♑	
morning set	-54 Jan 26 j 23:28	26°♑07'16	
	-54 Jan 29 j 04:32	0°♒	
max. Earth dist.	-54 Jan 30 j 17:02	2°♒42'53	1.37997 AU
superior conj	-54 Feb 06 j 17:46	15°♒46'59	-1°45'26
minimum elong	-54 Feb 06 j 21:29	16°♒04'49	1°45'05
	-54 Feb 14 j 00:03	0°♓	
evening rise	-54 Feb 15 j 12:11	2°♓58'36	
asc. node	-54 Feb 19 j 14:10	10°♓54'16	
evening max el	-54 Mar 04 j 03:32	29°♓51'37	19°02'29
	-54 Mar 04 j 07:03	0°♈	
retrograde	-54 Mar 12 j 17:36	3°♈59'53	
evening set	-54 Mar 14 j 23:43	3°♈43'58	
	-54 Mar 22 j 08:27	30°℞♓	
inferior conj	-54 Mar 23 j 01:43	29°♓30'06	2°10'48
minimum elong	-54 Mar 23 j 05:59	29°♓22'40	2°09'34
min. Earth dist.	-54 Mar 26 j 04:24	27°♓20'52	0.56879 AU
morning rise	-54 Mar 31 j 09:16	24°♓29'16	
desc. node	-54 Mar 31 j 06:30	24°♓32'02	
direct	-54 Apr 05 j 12:29	23°♓27'00	
	-54 Apr 18 j 21:49	0°♈	
morning max el	-54 Apr 19 j 18:46	0°♈49'17	25°38'10
	-54 May 10 j 03:28	0°♉	
morning set	-54 May 17 j 04:03	13°♉59'48	
asc. node	-54 May 18 j 13:27	16°♉57'01	
superior conj	-54 May 24 j 03:53	29°♉07'58	0°56'07
minimum elong	-54 May 24 j 01:43	28°♉56'10	0°55'43
	-54 May 24 j 13:24	0°♊	
max. Earth dist.	-54 May 25 j 00:38	1°♊01'22	1.32645 AU
evening rise	-54 May 31 j 05:47	14°♊17'27	
	-54 Jun 08 j 07:36	0°♋	
desc. node	-54 Jun 27 j 05:49	28°♋19'42	
	-54 Jun 28 j 17:29	0°♌	
evening max el	-54 Jul 01 j 20:23	3°♌11'38	27°12'26
retrograde	-54 Jul 15 j 17:27	10°♌28'44	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-54 Jul 22 j 19:53	8°♌08'56		
min. Earth dist.	-54 Jul 26 j 10:30	5°♌22'08	0.61769 AU	
inferior conj	-54 Jul 29 j 12:31	2°♌34'54	-4°16'22	
minimum elong	-54 Jul 29 j 16:48	2°♌25'09	4°15'36	
	-54 Aug 01 j 12:47	30℞♋		
morning rise	-54 Aug 05 j 15:13	27°♋37'06		
direct	-54 Aug 08 j 02:45	27°♋10'51		
	-54 Aug 14 j 07:50	0°♌		
asc. node	-54 Aug 14 j 12:41	0°♌10'55		
morning max el	-54 Aug 15 j 00:33	0°♌39'00	17°56'41	
morning set	-54 Aug 31 j 00:17	25°♌46'11		
	-54 Sep 02 j 08:06	0°♍		
superior conj	-54 Sep 10 j 14:38	14°♍42'46	1°17'30	
minimum elong	-54 Sep 10 j 19:27	15°♍03'35	1°17'00	
max. Earth dist.	-54 Sep 18 j 00:15	27°♍12'26	1.42576 AU	
	-54 Sep 19 j 17:14	0°♎		
desc. node	-54 Sep 23 j 05:10	5°♎37'26		
evening rise	-54 Sep 24 j 18:52	8°♎06'36		
	-54 Oct 09 j 06:00	0°♏		
evening max el	-54 Oct 26 j 17:48	22°♏46'31	21°56'01	
retrograde	-54 Nov 04 j 23:07	28°♏15'27		
evening set	-54 Nov 09 j 07:59	26°♏31'33		
asc. node	-54 Nov 10 j 11:54	25°♏28'23		
inferior conj	-54 Nov 14 j 16:20	20°♏14'21	1°24'14	
minimum elong	-54 Nov 14 j 14:31	20°♏20'40	1°23'30	
min. Earth dist.	-54 Nov 14 j 18:28	20°♏06'59	0.67612 AU	
morning rise	-54 Nov 19 j 20:53	14°♏01'50		
direct	-54 Nov 24 j 17:08	11°♏59'28		
morning max el	-54 Dec 04 j 13:27	17°♏49'57	22°46'52	
	-54 Dec 14 j 15:26	0°♐		
desc. node	-54 Dec 20 j 04:25	7°♐42'09		
	-53 Jan 03 j 21:12	0°♑		
morning set	-53 Jan 07 j 18:10	6°♑17'25		
max. Earth dist.	-53 Jan 12 j 12:39	14°♑17'59	1.40126 AU	
superior conj	-53 Jan 20 j 07:21	28°♑02'12	-1°58'55	
minimum elong	-53 Jan 20 j 09:31	28°♑12'03	1°58'50	
	-53 Jan 21 j 09:07	0°♒		
evening rise	-53 Jan 30 j 02:06	16°♒21'53		
asc. node	-53 Feb 06 j 11:11	29°♒58'23		
	-53 Feb 06 j 11:34	0°♓		
evening max el	-53 Feb 15 j 07:48	12°♓25'19	18°25'43	
retrograde	-53 Feb 22 j 17:55	16°♓04'44		
evening set	-53 Feb 25 j 05:16	15°♓41'35		
inferior conj	-53 Mar 04 j 12:58	11°♓07'31	3°14'08	
minimum elong	-53 Mar 04 j 16:36	11°♓00'05	3°13'27	
min. Earth dist.	-53 Mar 07 j 23:23	8°♓20'58	0.58785 AU	
morning rise	-53 Mar 12 j 01:27	5°♓38'49		
direct	-53 Mar 18 j 05:08	4°♓00'05		
desc. node	-53 Mar 18 j 03:32	4°♓00'06		
morning max el	-53 Apr 01 j 13:08	11°♓39'51	26°54'20	
	-53 Apr 15 j 20:10	0°♈		
morning set	-53 May 01 j 14:09	28°♈52'00		
	-53 May 02 j 03:07	0°♉		
asc. node	-53 May 05 j 10:29	7°♉04'58		
superior conj	-53 May 08 j 15:37	14°♉07'07	0°33'27	
minimum elong	-53 May 08 j 14:12	13°♉59'16	0°33'09	
max. Earth dist.	-53 May 08 j 13:18	13°♉54'23	1.32348 AU	
evening rise	-53 May 15 j 13:45	29°♉06'13		
	-53 May 16 j 00:01	0°♊		
	-53 Jun 01 j 15:56	0°♋		
evening max el	-53 Jun 13 j 21:42	15°♋05'44	26°26'27	
desc. node	-53 Jun 14 j 02:48	15°♋17'50		
retrograde	-53 Jun 27 j 21:46	22°♋19'33		
evening set	-53 Jul 04 j 10:52	20°♋32'08		
min. Earth dist.	-53 Jul 08 j 10:47	17°♋54'41	0.59738 AU	
inferior conj	-53 Jul 11 j 18:53	15°♋17'05	-4°41'42	
minimum elong	-53 Jul 11 j 20:50	15°♋13'15	4°41'34	
morning rise	-53 Jul 19 j 08:49	10°♋41'40		
direct	-53 Jul 21 j 20:35	10°♋19'21		
morning max el	-53 Jul 29 j 10:53	13°♋59'23	18°18'22	
asc. node	-53 Aug 01 j 09:43	17°♋17'41		
	-53 Aug 09 j 09:56	0°♌		
morning set	-53 Aug 14 j 10:50	9°♌24'29		
superior conj	-53 Aug 23 j 18:22	26°♌53'56	1°37'35	
minimum elong	-53 Aug 23 j 21:27	27°♌07'58	1°37'22	
	-53 Aug 25 j 11:24	0°♍		
max. Earth dist.	-53 Aug 31 j 07:30	10°♍15'05	1.40725 AU	
evening rise	-53 Sep 05 j 00:38	18°♍09'24		
desc. node	-53 Sep 10 j 02:11	26°♍18'25		
	-53 Sep 12 j 10:56	0°♎		
	-53 Oct 03 j 18:27	0°♏		
evening max el	-53 Oct 09 j 08:54	6°♏17'08	23°15'19	
retrograde	-53 Oct 19 j 16:48	12°♏24'03		
evening set	-53 Oct 24 j 14:51	10°♏22'07		
asc. node	-53 Oct 28 j 08:56	6°♏11'24		
inferior conj	-53 Oct 29 j 23:26	4°♏00'44	0°33'05	
minimum elong	-53 Oct 29 j 22:40	4°♏03'23	0°32'45	
min. Earth dist.	-53 Oct 29 j 15:03	4°♏29'32	0.67657 AU	
	-53 Nov 02 j 01:51	30℞♎		
morning rise	-53 Nov 04 j 06:24	27°♎51'31		
direct	-53 Nov 08 j 12:10	26°♎11'50		
	-53 Nov 15 j 20:39	0°♏		
morning max el	-53 Nov 17 j 04:35	1°♏16'56	21°23'26	
desc. node	-53 Dec 07 j 01:27	27°♏48'44		
	-53 Dec 08 j 12:33	0°♐		
morning set	-53 Dec 18 j 08:13	15°♐07'01		
max. Earth dist.	-53 Dec 25 j 14:18	26°♐47'54	1.42131 AU	
	-53 Dec 27 j 12:44	0°♑		
superior conj	-52 Jan 01 j 23:33	9°♑14'16	-2°01'02	
minimum elong	-52 Jan 01 j 22:01	9°♑07'41	2°01'01	
evening rise	-52 Jan 13 j 03:07	29°♑05'06		
	-52 Jan 13 j 15:12	0°♒		
asc. node	-52 Jan 24 j 08:13	18°♒30'02		
evening max el	-52 Jan 29 j 17:32	25°♒22'28	18°08'52	
retrograde	-52 Feb 05 j 11:28	28°♒48'55		
evening set	-52 Feb 08 j 03:23	28°♒17'08		
inferior conj	-52 Feb 14 j 20:01	23°♒21'48	3°44'39	
minimum elong	-52 Feb 14 j 21:29	23°♒18'19	3°44'33	
min. Earth dist.	-52 Feb 18 j 00:47	20°♒21'50	0.60886 AU	
morning rise	-52 Feb 21 j 13:56	17°♒34'00		
direct	-52 Feb 28 j 08:59	15°♒19'06		
desc. node	-52 Mar 04 j 00:35	16°♒17'01		
morning max el	-52 Mar 13 j 13:53	23°♒08'28	27°38'32	
	-52 Mar 19 j 17:03	0°♓		
	-52 Apr 07 j 23:18	0°♈		
morning set	-52 Apr 14 j 20:44	13°♈31'01		
max. Earth dist.	-52 Apr 21 j 01:23	26°♈42'20	1.32414 AU	
asc. node	-52 Apr 21 j 07:30	27°♈15'42		
superior conj	-52 Apr 22 j 02:46	29°♈00'56	0°08'30	
minimum elong	-52 Apr 22 j 02:23	28°♈58'48	0°08'24	
behind sun begin	-52 Apr 21 j 22:04	28°♈35'12		
behind sun end	-52 Apr 22 j 06:42	29°♈22'25		
	-52 Apr 22 j 13:34	0°♉		
evening rise	-52 Apr 29 j 00:33	14°♉00'06		
	-52 May 07 j 02:07	0°♊		
evening max el	-52 May 25 j 15:57	26°♊14'01	25°11'54	
	-52 May 30 j 05:18	0°♋		
desc. node	-52 May 30 j 23:49	0°♋30'43		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-52 Jun 08 j 16:23	3°♋22'35	
evening set	-52 Jun 14 j 02:54	2°♋14'06	
	-52 Jun 18 j 07:46	30°℞♊	
min. Earth dist.	-52 Jun 19 j 03:39	29°♊27'55	0.57727 AU
inferior conj	-52 Jun 22 j 06:24	27°♊20'27	-4°39'53
minimum elong	-52 Jun 22 j 04:01	27°♊24'34	4°39'43
morning rise	-52 Jun 30 j 07:52	23°♊07'14	
direct	-52 Jul 02 j 21:15	22°♊47'43	
morning max el	-52 Jul 11 j 14:02	26°♊52'06	19°00'42
	-52 Jul 14 j 11:24	0°♋	
asc. node	-52 Jul 18 j 06:46	5°♋18'35	
morning set	-52 Jul 28 j 07:32	23°♋33'05	
	-52 Jul 31 j 13:48	0°♌	
superior conj	-52 Aug 05 j 17:16	10°♌02'51	1°46'20
minimum elong	-52 Aug 05 j 18:11	10°♌07'14	1°46'18
max. Earth dist.	-52 Aug 12 j 10:39	22°♌33'58	1.38704 AU
evening rise	-52 Aug 16 j 07:11	29°♌22'12	
	-52 Aug 16 j 15:57	0°♍	
desc. node	-52 Aug 26 j 23:11	16°♍50'34	
	-52 Sep 04 j 20:14	0°♎	
evening max el	-52 Sep 20 j 21:00	19°♎50'52	24°34'43
retrograde	-52 Oct 02 j 06:51	26°♎30'55	
evening set	-52 Oct 07 j 19:14	24°♎11'22	
min. Earth dist.	-52 Oct 12 j 10:34	18°♎52'33	0.67379 AU
inferior conj	-52 Oct 13 j 05:25	17°♎49'38	-0°21'13
minimum elong	-52 Oct 13 j 05:56	17°♎47'54	0°21'00
asc. node	-52 Oct 14 j 05:59	16°♎28'20	
morning rise	-52 Oct 18 j 16:43	11°♎46'14	
direct	-52 Oct 22 j 09:37	10°♎27'23	
morning max el	-52 Oct 30 j 03:10	14°♎54'25	20°10'22
	-52 Nov 10 j 19:28	0°♏	
desc. node	-52 Nov 22 j 22:29	18°♏11'51	
morning set	-52 Nov 26 j 05:18	23°♏15'21	
	-52 Nov 30 j 13:20	0°♐	
max. Earth dist.	-52 Dec 06 j 23:21	10°♐09'17	1.43733 AU
superior conj	-52 Dec 12 j 13:41	19°♐13'23	-1°47'16
minimum elong	-52 Dec 12 j 07:18	18°♐47'17	1°46'50
	-52 Dec 19 j 00:56	0°♑	
evening rise	-52 Dec 25 j 11:02	10°♑59'57	
	-51 Jan 05 j 17:24	0°♒	
asc. node	-51 Jan 10 j 05:16	6°♒19'35	
evening max el	-51 Jan 12 j 05:52	8°♒35'44	18°11'28
retrograde	-51 Jan 18 j 17:45	12°♒02'46	
evening set	-51 Jan 21 j 14:05	11°♒21'22	
inferior conj	-51 Jan 27 j 19:13	6°♒05'50	3°49'51
minimum elong	-51 Jan 27 j 18:35	6°♒07'30	3°49'50
min. Earth dist.	-51 Jan 30 j 11:10	3°♒15'41	0.62886 AU
morning rise	-51 Feb 02 j 22:09	0°♒06'25	
	-51 Feb 03 j 01:33	30°℞♑	
direct	-51 Feb 09 j 22:07	27°♑25'28	
	-51 Feb 17 j 10:26	0°♒	
desc. node	-51 Feb 18 j 21:39	1°♒00'27	
morning max el	-51 Feb 23 j 20:10	5°♒18'07	27°45'40
	-51 Mar 14 j 11:53	0°♓	
morning set	-51 Mar 29 j 21:35	27°♓49'46	
	-51 Mar 30 j 23:17	0°♈	
max. Earth dist.	-51 Apr 04 j 08:56	9°♈11'50	1.32870 AU
superior conj	-51 Apr 06 j 11:39	13°♈44'03	-0°17'56
minimum elong	-51 Apr 06 j 12:31	13°♈48'40	0°17'46
asc. node	-51 Apr 08 j 04:33	17°♈25'23	
evening rise	-51 Apr 13 j 12:22	28°♈53'00	
	-51 Apr 14 j 01:05	0°♉	
	-51 May 01 j 05:50	0°♊	
evening max el	-51 May 07 j 06:26	6°♊52'20	23°39'56
desc. node	-51 May 17 j 20:51	13°♊22'01	
retrograde	-51 May 20 j 23:09	13°♊43'51	
evening set	-51 May 24 j 22:40	13°♊08'54	
min. Earth dist.	-51 May 31 j 17:07	9°♊59'09	0.56073 AU
inferior conj	-51 Jun 02 j 21:46	8°♊39'48	-3°58'12
minimum elong	-51 Jun 02 j 15:12	8°♊49'45	3°56'52
morning rise	-51 Jun 11 j 10:34	4°♊42'27	
direct	-51 Jun 14 j 02:26	4°♊24'39	
morning max el	-51 Jun 24 j 07:20	9°♊07'53	20°04'02
asc. node	-51 Jul 05 j 03:49	24°♊01'05	
	-51 Jul 08 j 09:38	0°♋	
morning set	-51 Jul 12 j 11:16	8°♋03'38	
superior conj	-51 Jul 20 j 06:02	23°♋54'08	1°45'58
minimum elong	-51 Jul 20 j 05:11	23°♋49'53	1°45'57
	-51 Jul 23 j 07:58	0°♌	
max. Earth dist.	-51 Jul 25 j 15:03	4°♌25'32	1.36776 AU
evening rise	-51 Jul 29 j 12:44	11°♌41'41	
	-51 Aug 09 j 05:59	0°♍	
desc. node	-51 Aug 13 j 20:12	7°♍08'40	
	-51 Aug 31 j 00:53	0°♎	
evening max el	-51 Sep 03 j 08:27	3°♎27'29	25°46'53
retrograde	-51 Sep 15 j 16:22	10°♎30'47	
evening set	-51 Sep 21 j 19:14	7°♎56'19	
min. Earth dist.	-51 Sep 26 j 02:38	3°♎13'15	0.66778 AU
inferior conj	-51 Sep 27 j 08:28	1°♎38'23	-1°17'12
minimum elong	-51 Sep 27 j 10:25	1°♎32'10	1°16'23
	-51 Sep 28 j 15:53	30°℞♍	
asc. node	-51 Oct 01 j 03:03	27°♍16'36	
morning rise	-51 Oct 03 j 01:52	25°♍43'32	
direct	-51 Oct 06 j 08:04	24°♍42'17	
morning max el	-51 Oct 13 j 09:07	28°♍40'34	19°11'12
	-51 Oct 14 j 14:53	0°♎	
	-51 Nov 04 j 04:50	0°♏	
morning set	-51 Nov 05 j 09:38	1°♏52'27	
desc. node	-51 Nov 09 j 19:30	8°♏46'05	
max. Earth dist.	-51 Nov 19 j 14:16	24°♏06'57	1.44739 AU
superior conj	-51 Nov 22 j 02:27	28°♏04'51	-1°15'06
minimum elong	-51 Nov 21 j 18:17	27°♏32'30	1°14'12
	-51 Nov 23 j 07:29	0°♐	
evening rise	-51 Dec 06 j 21:25	21°♐57'46	
	-51 Dec 11 j 18:28	0°♑	
evening max el	-51 Dec 26 j 18:00	21°♑57'56	18°32'43
asc. node	-51 Dec 28 j 02:21	23°♑14'02	
retrograde	-50 Jan 02 j 08:22	25°♑36'54	
evening set	-50 Jan 05 j 09:48	24°♑44'45	
inferior conj	-50 Jan 11 j 06:30	19°♑10'46	3°36'49
minimum elong	-50 Jan 11 j 04:28	19°♑16'49	3°36'32
min. Earth dist.	-50 Jan 13 j 07:10	16°♑47'30	0.64595 AU
morning rise	-50 Jan 16 j 22:38	13°♑04'26	
direct	-50 Jan 23 j 18:42	10°♑12'23	
desc. node	-50 Feb 05 j 18:42	17°♑33'20	
morning max el	-50 Feb 06 j 05:17	17°♑59'32	27°17'39
	-50 Feb 16 j 08:08	0°♒	
	-50 Mar 07 j 08:56	0°♓	
morning set	-50 Mar 13 j 13:55	11°♓38'51	
max. Earth dist.	-50 Mar 18 j 07:59	21°♓10'53	1.33747 AU
superior conj	-50 Mar 21 j 16:23	28°♓10'13	-0°44'49
minimum elong	-50 Mar 21 j 18:32	28°♓21'36	0°44'23
	-50 Mar 22 j 13:08	0°♈	
asc. node	-50 Mar 26 j 01:38	7°♈29'54	
evening rise	-50 Mar 28 j 23:21	13°♈38'36	
	-50 Apr 06 j 08:07	0°♉	
evening max el	-50 Apr 18 j 23:53	17°♉29'54	22°05'21
retrograde	-50 May 01 j 17:30	23°♉44'25	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-50 May 04 j 11:19	23°♉27'45	
desc. node	-50 May 04 j 17:52	23°♉24'20	
min. Earth dist.	-50 May 13 j 05:56	19°♉42'40	0.55123 AU
inferior conj	-50 May 13 j 21:02	19°♉21'27	-2°31'20
minimum elong	-50 May 13 j 14:32	19°♉30'36	2°29'17
morning rise	-50 May 22 j 19:10	15°♉26'27	
direct	-50 May 25 j 16:54	15°♉07'31	
morning max el	-50 Jun 06 j 13:26	20°♉40'56	21°26'52
	-50 Jun 14 j 06:45	0°♊	
asc. node	-50 Jun 22 j 00:53	13°♊15'13	
morning set	-50 Jun 26 j 19:41	22°♊50'00	
	-50 Jun 30 j 05:55	0°♋	
superior conj	-50 Jul 04 j 04:33	8°♋15'51	1°38'28
minimum elong	-50 Jul 04 j 02:35	8°♋05'37	1°38'19
max. Earth dist.	-50 Jul 08 j 02:49	16°♋18'00	1.35133 AU
evening rise	-50 Jul 12 j 12:34	24°♋55'44	
	-50 Jul 15 j 05:33	0°♌	
desc. node	-50 Jul 31 j 17:13	27°♌06'21	
	-50 Aug 02 j 17:48	0°♍	
evening max el	-50 Aug 16 j 20:29	17°♍02'42	26°43'54
retrograde	-50 Aug 29 j 20:42	24°♍18'03	
evening set	-50 Sep 05 j 12:45	21°♍34'11	
min. Earth dist.	-50 Sep 09 j 12:49	17°♍28'15	0.65835 AU
inferior conj	-50 Sep 11 j 06:39	15°♍24'11	-2°13'02
minimum elong	-50 Sep 11 j 10:00	15°♍14'13	2°11'46
morning rise	-50 Sep 17 j 07:46	9°♍41'03	
asc. node	-50 Sep 18 j 00:06	9°♍21'35	
direct	-50 Sep 20 j 05:38	8°♍53'43	
morning max el	-50 Sep 26 j 20:52	12°♍32'27	18°27'57
	-50 Oct 09 j 07:33	0°♎	
morning set	-50 Oct 16 j 15:39	11°♎49'03	
desc. node	-50 Oct 27 j 16:33	29°♎28'06	
	-50 Oct 28 j 00:37	0°♏	
superior conj	-50 Nov 01 j 03:00	6°♏28'11	-0°28'51
minimum elong	-50 Oct 31 j 23:13	6°♏13'15	0°28'21
max. Earth dist.	-50 Nov 02 j 08:46	8°♏25'13	1.45037 AU
	-50 Nov 16 j 02:18	0°♐	
evening rise	-50 Nov 17 j 08:04	1°♐57'18	
greatest brilliancy	-50 Nov 27 j 03:08	17°♐22'04	-0.8m
	-50 Dec 05 j 16:00	0°♑	
evening max el	-50 Dec 10 j 03:34	5°♑24'43	19°11'20
asc. node	-50 Dec 14 j 23:24	8°♑59'08	
retrograde	-50 Dec 17 j 03:50	9°♑25'29	
evening set	-50 Dec 20 j 11:41	8°♑21'04	
inferior conj	-50 Dec 26 j 02:28	2°♑30'54	3°10'39
minimum elong	-50 Dec 25 j 23:45	2°♑39'33	3°10'01
min. Earth dist.	-50 Dec 27 j 12:10	0°♑43'48	0.65925 AU
	-50 Dec 28 j 02:15	30°℞♐	
morning rise	-50 Dec 31 j 11:35	26°♐20'19	
direct	-49 Jan 06 j 21:24	23°♐31'30	
	-49 Jan 18 j 13:47	0°♑	
morning max el	-49 Jan 19 j 14:47	1°♑01'18	26°20'48
desc. node	-49 Jan 23 j 15:45	5°♑24'42	
	-49 Feb 10 j 08:58	0°♒	
morning set	-49 Feb 24 j 17:55	24°♒46'33	
	-49 Feb 27 j 11:45	0°♓	
max. Earth dist.	-49 Feb 28 j 19:51	2°♓36'21	1.35079 AU
superior conj	-49 Mar 05 j 14:35	12°♓12'03	-1°10'51
minimum elong	-49 Mar 05 j 17:52	12°♓28'52	1°10'18
asc. node	-49 Mar 12 j 22:42	27°♓24'41	
evening rise	-49 Mar 13 j 07:34	28°♓10'27	
	-49 Mar 14 j 04:56	0°♈	
evening max el	-49 Apr 01 j 02:15	28°♈32'19	20°40'29
	-49 Apr 02 j 17:27	0°♉	
retrograde	-49 Apr 12 j 06:21	3°♉55'37	
evening set	-49 Apr 14 j 10:29	3°♉44'13	
desc. node	-49 Apr 21 j 14:55	0°♉55'12	
	-49 Apr 23 j 06:09	30°℞♈	
inferior conj	-49 Apr 23 j 15:25	29°♈46'41	-0°34'49
minimum elong	-49 Apr 23 j 13:47	29°♈49'03	0°34'13
min. Earth dist.	-49 Apr 24 j 19:05	29°♈06'59	0.55099 AU
morning rise	-49 May 02 j 16:13	25°♈35'50	
direct	-49 May 06 j 03:57	25°♈09'33	
	-49 May 17 j 15:02	0°♉	
morning max el	-49 May 19 j 09:39	1°♉34'05	23°03'57
	-49 Jun 07 j 11:33	0°♊	
asc. node	-49 Jun 08 j 21:56	2°♊52'11	
morning set	-49 Jun 11 j 06:44	7°♊45'18	
superior conj	-49 Jun 18 j 09:37	22°♊57'25	1°25'22
minimum elong	-49 Jun 18 j 07:09	22°♊44'17	1°25'04
max. Earth dist.	-49 Jun 21 j 00:14	28°♊28'56	1.33862 AU
	-49 Jun 21 j 17:40	0°♋	
evening rise	-49 Jun 26 j 01:49	8°♋49'43	
	-49 Jul 07 j 16:30	0°♌	
desc. node	-49 Jul 18 j 14:15	16°♌33'49	
	-49 Jul 29 j 21:56	0°♍	
evening max el	-49 Jul 30 j 08:15	0°♍24'55	27°18'19
retrograde	-49 Aug 12 j 19:15	7°♍44'02	
evening set	-49 Aug 19 j 21:03	4°♍59'27	
min. Earth dist.	-49 Aug 23 j 14:42	1°♍29'50	0.64529 AU
	-49 Aug 25 j 00:01	30°℞♌	
inferior conj	-49 Aug 25 j 21:35	29°♌01'09	-3°06'26
minimum elong	-49 Aug 26 j 02:02	28°♌49'05	3°05'02
morning rise	-49 Sep 01 j 07:50	23°♌33'14	
direct	-49 Sep 03 j 23:48	22°♌56'22	
asc. node	-49 Sep 04 j 21:08	23°♌00'30	
morning max el	-49 Sep 10 j 11:57	26°♌24'10	18°01'40
	-49 Sep 13 j 14:01	0°♍	
morning set	-49 Sep 28 j 01:55	23°♍08'07	
	-49 Oct 02 j 03:55	0°♎	
superior conj	-49 Oct 11 j 13:11	15°♎24'08	0°19'52
minimum elong	-49 Oct 11 j 15:30	15°♎33'27	0°19'33
desc. node	-49 Oct 14 j 13:35	20°♎14'04	
max. Earth dist.	-49 Oct 16 j 03:32	22°♎44'51	1.44589 AU
	-49 Oct 20 j 18:05	0°♏	
evening rise	-49 Oct 27 j 22:25	11°♏09'14	
	-49 Nov 09 j 07:15	0°♐	
greatest brilliancy	-49 Nov 10 j 22:33	2°♐26'05	-0.6m
evening max el	-49 Nov 23 j 08:34	18°♐52'58	20°05'36
retrograde	-49 Dec 01 j 01:22	23°♐23'56	
asc. node	-49 Dec 01 j 20:25	23°♐20'22	
evening set	-49 Dec 04 j 17:22	22°♐05'34	
inferior conj	-49 Dec 10 j 04:18	16°♐02'05	2°34'49
minimum elong	-49 Dec 10 j 01:33	16°♐11'18	2°33'58
min. Earth dist.	-49 Dec 11 j 00:32	14°♐54'21	0.66861 AU
morning rise	-49 Dec 15 j 09:34	9°♐49'06	
direct	-49 Dec 21 j 05:34	7°♐14'09	
morning max el	-48 Jan 01 j 23:33	14°♐13'40	25°04'06
desc. node	-48 Jan 10 j 12:49	24°♐11'43	
	-48 Jan 14 j 20:48	0°♑	
	-48 Feb 03 j 04:58	0°♒	
morning set	-48 Feb 07 j 04:33	6°♒58'26	
max. Earth dist.	-48 Feb 10 j 20:55	13°♒41'09	1.36838 AU
superior conj	-48 Feb 17 j 03:19	25°♒41'05	-1°34'11
minimum elong	-48 Feb 17 j 07:11	26°♒00'06	1°33'42
	-48 Feb 19 j 07:32	0°♓	
evening rise	-48 Feb 25 j 10:52	12°♓21'52	
asc. node	-48 Feb 27 j 19:44	17°♓04'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-48 Mar 05 j 21:34	0°♈	
evening max el	-48 Mar 13 j 15:50	10°♈12'15	19°32'35
retrograde	-48 Mar 23 j 03:03	14°♈45'04	
evening set	-48 Mar 25 j 06:33	14°♈32'04	
inferior conj	-48 Apr 02 j 19:30	10°♈26'55	1°18'10
minimum elong	-48 Apr 02 j 22:37	10°♈21'55	1°17'08
min. Earth dist.	-48 Apr 05 j 09:30	8°♈47'58	0.56005 AU
desc. node	-48 Apr 07 j 11:57	7°♈33'20	
morning rise	-48 Apr 11 j 12:04	5°♈45'12	
direct	-48 Apr 15 j 23:15	5°♈00'17	
morning max el	-48 Apr 30 j 00:48	12°♈05'50	24°44'33
	-48 May 13 j 17:55	0°♉	
morning set	-48 May 25 j 18:42	22°♉44'07	
asc. node	-48 May 25 j 18:59	22°♉45'37	
	-48 May 29 j 04:09	0°♊	
superior conj	-48 Jun 01 j 18:48	7°♊51'13	1°07'50
minimum elong	-48 Jun 01 j 16:23	7°♊38'10	1°07'27
max. Earth dist.	-48 Jun 03 j 05:59	11°♊01'52	1.32980 AU
evening rise	-48 Jun 09 j 00:38	23°♊12'20	
	-48 Jun 12 j 10:28	0°♋	
	-48 Jun 30 j 10:36	0°♌	
desc. node	-48 Jul 04 j 11:14	5°♌18'23	
evening max el	-48 Jul 11 j 17:41	13°♌21'09	27°23'48
retrograde	-48 Jul 25 j 11:41	20°♌39'56	
evening set	-48 Aug 01 j 16:44	18°♌06'43	
min. Earth dist.	-48 Aug 05 j 06:38	15°♌07'45	0.62865 AU
inferior conj	-48 Aug 08 j 02:30	12°♌23'08	-3°53'53
minimum elong	-48 Aug 08 j 07:15	12°♌11'34	3°52'46
morning rise	-48 Aug 14 j 23:01	7°♌13'47	
direct	-48 Aug 17 j 11:28	6°♌44'25	
asc. node	-48 Aug 21 j 18:11	8°♌10'46	
morning max el	-48 Aug 24 j 03:33	10°♌09'44	17°53'10
	-48 Sep 06 j 08:01	0°♍	
morning set	-48 Sep 09 j 11:25	5°♍33'37	
superior conj	-48 Sep 21 j 00:14	25°♍34'45	1°00'07
minimum elong	-48 Sep 21 j 05:11	25°♍55'33	0°59'30
	-48 Sep 23 j 15:50	0°♎	
max. Earth dist.	-48 Sep 27 j 18:54	6°♎45'05	1.43464 AU
desc. node	-48 Sep 30 j 10:36	11°♎00'42	
evening rise	-48 Oct 06 j 05:17	20°♎05'50	
	-48 Oct 12 j 16:30	0°♏	
	-48 Nov 03 j 04:00	0°♐	
evening max el	-48 Nov 05 j 07:47	2°♐21'05	21°12'54
retrograde	-48 Nov 13 j 22:46	7°♐28'31	
asc. node	-48 Nov 17 j 17:26	6°♐08'13	
evening set	-48 Nov 18 j 00:51	5°♐54'23	
inferior conj	-48 Nov 23 j 09:41	29°♏40'58	1°51'41
minimum elong	-48 Nov 23 j 07:24	29°♏48'48	1°50'50
	-48 Nov 23 j 04:09	30°℞♏	
min. Earth dist.	-48 Nov 23 j 18:03	29°♏12'07	0.67429 AU
morning rise	-48 Nov 28 j 13:48	23°♏27'31	
direct	-48 Dec 03 j 18:36	21°♏12'30	
morning max el	-48 Dec 14 j 08:20	27°♏30'29	23°37'26
	-48 Dec 16 j 16:31	0°♐	
desc. node	-48 Dec 27 j 09:51	13°♐37'52	
	-47 Jan 07 j 13:15	0°♑	
morning set	-47 Jan 18 j 15:31	17°♑57'19	
max. Earth dist.	-47 Jan 22 j 16:04	24°♑54'18	1.38896 AU
	-47 Jan 25 j 12:41	0°♒	
superior conj	-47 Jan 30 j 02:40	8°♒26'22	-1°52'15
minimum elong	-47 Jan 30 j 05:58	8°♒41'51	1°52'02
evening rise	-47 Feb 08 j 06:34	26°♒04'52	
	-47 Feb 10 j 07:10	0°♓	
asc. node	-47 Feb 13 j 16:46	6°♓24'04	
evening max el	-47 Feb 24 j 15:29	22°♓28'12	18°44'21
retrograde	-47 Mar 04 j 16:30	26°♓22'32	
evening set	-47 Mar 07 j 00:39	26°♓03'58	
inferior conj	-47 Mar 14 j 18:36	21°♓41'53	2°42'00
minimum elong	-47 Mar 14 j 22:56	21°♓33'48	2°40'56
min. Earth dist.	-47 Mar 18 j 02:32	19°♓13'58	0.57641 AU
morning rise	-47 Mar 22 j 18:15	16°♓27'44	
desc. node	-47 Mar 25 j 09:00	15°♓32'46	
direct	-47 Mar 28 j 08:25	15°♓10'43	
morning max el	-47 Apr 11 j 16:44	22°♓42'29	26°13'50
	-47 Apr 18 j 04:18	0°♈	
	-47 May 06 j 11:58	0°♉	
morning set	-47 May 10 j 05:57	7°♉40'15	
asc. node	-47 May 12 j 16:02	12°♉49'32	
superior conj	-47 May 17 j 06:06	22°♉50'09	0°46'50
minimum elong	-47 May 17 j 04:13	22°♉39'47	0°46'27
max. Earth dist.	-47 May 17 j 16:57	23°♉49'34	1.32470 AU
	-47 May 20 j 12:53	0°♊	
evening rise	-47 May 24 j 05:57	7°♊53'39	
	-47 Jun 04 j 21:22	0°♋	
desc. node	-47 Jun 21 j 08:15	23°♋02'17	
evening max el	-47 Jun 23 j 22:27	25°♋39'55	26°56'45
	-47 Jun 29 j 07:27	0°♌	
retrograde	-47 Jul 07 j 21:15	2°♌56'37	
evening set	-47 Jul 14 j 19:34	0°♌48'57	
	-47 Jul 16 j 01:48	30°℞♋	
min. Earth dist.	-47 Jul 18 j 12:24	28°♋08'24	0.60914 AU
inferior conj	-47 Jul 21 j 18:09	25°♋22'28	-4°29'43
minimum elong	-47 Jul 21 j 21:42	25°♋14'50	4°29'14
morning rise	-47 Jul 29 j 01:37	20°♋34'21	
direct	-47 Jul 31 j 12:54	20°♋10'06	
morning max el	-47 Aug 07 j 16:45	23°♋42'05	18°03'29
asc. node	-47 Aug 08 j 15:14	24°♋39'34	
	-47 Aug 12 j 18:27	0°♌	
morning set	-47 Aug 23 j 14:19	18°♌49'22	
	-47 Aug 29 j 15:41	0°♍	
superior conj	-47 Sep 02 j 14:23	7°♍05'35	1°27'33
minimum elong	-47 Sep 02 j 18:36	7°♍24'15	1°27'09
max. Earth dist.	-47 Sep 10 j 04:43	20°♍10'02	1.41816 AU
evening rise	-47 Sep 15 j 22:49	29°♍34'24	
	-47 Sep 16 j 05:13	0°♎	
desc. node	-47 Sep 17 j 07:36	1°♎44'59	
	-47 Oct 06 j 06:53	0°♏	
evening max el	-47 Oct 19 j 01:29	15°♏50'33	22°29'21
retrograde	-47 Oct 28 j 18:16	21°♏36'36	
evening set	-47 Nov 02 j 08:26	19°♏45'15	
asc. node	-47 Nov 04 j 14:27	17°♏29'19	
inferior conj	-47 Nov 07 j 16:42	13°♏25'38	1°03'03
minimum elong	-47 Nov 07 j 15:17	13°♏30'32	1°02'28
min. Earth dist.	-47 Nov 07 j 14:19	13°♏33'50	0.67662 AU
morning rise	-47 Nov 12 j 21:59	7°♏13'58	
direct	-47 Nov 17 j 11:51	5°♏21'20	
morning max el	-47 Nov 26 j 20:04	10°♏52'37	22°10'26
	-47 Dec 11 j 20:06	0°♐	
desc. node	-47 Dec 14 j 06:53	3°♐32'16	
morning set	-47 Dec 29 j 21:42	27°♐31'59	
	-47 Dec 31 j 10:11	0°♑	
max. Earth dist.	-46 Jan 04 j 13:12	6°♑49'40	1.41008 AU
superior conj	-46 Jan 12 j 07:51	20°♑16'30	-2°01'28
minimum elong	-46 Jan 12 j 08:43	20°♑20'21	2°01'29
	-46 Jan 17 j 16:39	0°♒	
evening rise	-46 Jan 22 j 15:29	9°♒12'10	
asc. node	-46 Jan 31 j 13:47	25°♒15'36	
	-46 Feb 03 j 15:25	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-46 Feb 07 j 22:31	5°♓13'19	18°16'08
retrograde	-46 Feb 15 j 00:24	8°♓45'10	
evening set	-46 Feb 17 j 13:44	8°♓18'33	
inferior conj	-46 Feb 24 j 14:38	3°♓35'47	3°30'36
minimum elong	-46 Feb 24 j 17:26	3°♓29'42	3°30'13
min. Earth dist.	-46 Feb 28 j 00:08	0°♓40'07	0.59680 AU
	-46 Feb 28 j 20:06	30°℞♒	
morning rise	-46 Mar 03 j 18:55	27°♒57'47	
direct	-46 Mar 10 j 06:34	26°♒02'33	
desc. node	-46 Mar 12 j 06:03	26°♒12'56	
	-46 Mar 20 j 04:35	0°♓	
morning max el	-46 Mar 24 j 13:39	3°♓47'47	27°17'21
	-46 Apr 12 j 18:37	0°♈	
morning set	-46 Apr 24 j 14:47	22°♈27'30	
	-46 Apr 28 j 04:03	0°♉	
asc. node	-46 Apr 29 j 13:04	2°♉59'11	
max. Earth dist.	-46 May 01 j 05:39	6°♉41'04	1.32329 AU
superior conj	-46 May 01 j 17:49	7°♉47'53	0°23'06
minimum elong	-46 May 01 j 16:48	7°♉42'17	0°22'52
evening rise	-46 May 08 j 15:23	22°♉45'25	
	-46 May 12 j 03:52	0°♊	
	-46 May 30 j 09:09	0°♋	
evening max el	-46 Jun 05 j 20:46	7°♋14'12	25°57'47
desc. node	-46 Jun 08 j 05:16	9°♋19'57	
retrograde	-46 Jun 19 j 22:01	14°♋26'42	
evening set	-46 Jun 26 j 01:00	12°♋55'57	
min. Earth dist.	-46 Jun 30 j 09:26	10°♋16'36	0.58855 AU
inferior conj	-46 Jul 03 j 16:52	7°♋49'23	-4°45'05
minimum elong	-46 Jul 03 j 17:09	7°♋48'51	4°45'04
morning rise	-46 Jul 11 j 11:39	3°♋23'30	
direct	-46 Jul 13 j 23:49	3°♋02'35	
morning max el	-46 Jul 22 j 00:24	6°♋51'52	18°33'47
asc. node	-46 Jul 26 j 12:17	12°♋11'05	
	-46 Aug 05 j 20:03	0°♌	
morning set	-46 Aug 07 j 05:39	2°♌41'43	
superior conj	-46 Aug 16 j 02:57	19°♌43'02	1°42'33
minimum elong	-46 Aug 16 j 05:05	19°♌53'03	1°42'26
	-46 Aug 21 j 18:25	0°♍	
max. Earth dist.	-46 Aug 23 j 09:34	2°♍52'23	1.39867 AU
evening rise	-46 Aug 27 j 15:01	10°♍06'43	
desc. node	-46 Sep 04 j 04:36	22°♍22'47	
	-46 Sep 09 j 03:52	0°♎	
evening max el	-46 Oct 01 j 15:08	29°♎22'43	23°49'36
	-46 Oct 02 j 06:20	0°♏	
retrograde	-46 Oct 12 j 10:28	5°♏44'34	
evening set	-46 Oct 17 j 14:26	3°♏35'16	
	-46 Oct 20 j 21:38	30°℞♎	
asc. node	-46 Oct 22 j 11:30	27°♎54'17	
inferior conj	-46 Oct 22 j 23:32	27°♎13'22	0°10'23
minimum elong	-46 Oct 22 j 23:17	27°♎14'13	0°10'16
transit middle	-46 Oct 22 j 23:17	27°♎14'13	0°10'16
transit begin	-46 Oct 22 j 21:11	27°♎21'24	
transit end	-46 Oct 23 j 01:24	27°♎07'02	
min. Earth dist.	-46 Oct 22 j 10:49	27°♎56'38	0.67577 AU
morning rise	-46 Oct 28 j 08:05	21°♎06'06	
direct	-46 Nov 01 j 08:13	19°♎35'22	
morning max el	-46 Nov 09 j 14:04	24°♎23'13	20°50'46
	-46 Nov 14 j 11:06	0°♏	
desc. node	-46 Dec 01 j 03:55	23°♏46'27	
	-46 Dec 05 j 06:02	0°♐	
morning set	-46 Dec 09 j 02:00	5°♐55'47	
max. Earth dist.	-46 Dec 17 j 17:45	19°♐41'39	1.42877 AU
	-46 Dec 23 j 23:30	0°♑	
superior conj	-46 Dec 24 j 13:25	0°♑58'34	-1°57'24
minimum elong	-46 Dec 24 j 09:48	0°♑43'21	1°57'15
evening rise	-45 Jan 05 j 09:43	21°♑35'29	
	-45 Jan 10 j 03:25	0°♒	
asc. node	-45 Jan 18 j 10:49	13°♒30'52	
evening max el	-45 Jan 22 j 09:48	18°♒18'52	18°07'41
retrograde	-45 Jan 28 j 23:49	21°♒43'38	
evening set	-45 Jan 31 j 17:43	21°♒07'45	
inferior conj	-45 Feb 07 j 05:03	16°♒03'43	3°49'28
minimum elong	-45 Feb 07 j 05:34	16°♒02'25	3°49'27
min. Earth dist.	-45 Feb 10 j 04:58	13°♒05'30	0.61768 AU
morning rise	-45 Feb 13 j 16:08	10°♒10'36	
direct	-45 Feb 20 j 14:42	7°♒42'54	
desc. node	-45 Feb 27 j 03:06	9°♒36'47	
morning max el	-45 Mar 06 j 16:45	15°♒33'50	27°46'05
	-45 Mar 18 j 12:10	0°♓	
	-45 Apr 05 j 07:10	0°♈	
morning set	-45 Apr 08 j 19:16	6°♈59'27	
max. Earth dist.	-45 Apr 14 j 16:20	19°♈23'35	1.32561 AU
superior conj	-45 Apr 16 j 04:18	22°♈38'47	-0°02'35
minimum elong	-45 Apr 16 j 04:25	22°♈39'25	0°02'34
behind sun begin	-45 Apr 15 j 23:21	22°♈11'53	
behind sun end	-45 Apr 16 j 09:28	23°♈06'59	
asc. node	-45 Apr 16 j 10:08	23°♈10'34	
	-45 Apr 19 j 13:13	0°♉	
evening rise	-45 Apr 23 j 02:54	7°♉40'44	
	-45 May 04 j 19:38	0°♊	
evening max el	-45 May 18 j 13:07	18°♊08'40	24°34'08
desc. node	-45 May 26 j 02:18	23°♊38'16	
retrograde	-45 Jun 01 j 11:28	25°♊11'07	
evening set	-45 Jun 06 j 07:33	24°♊18'30	
min. Earth dist.	-45 Jun 12 j 00:31	21°♊23'51	0.56963 AU
inferior conj	-45 Jun 14 j 19:53	19°♊35'25	-4°27'46
minimum elong	-45 Jun 14 j 15:28	19°♊42'35	4°27'12
morning rise	-45 Jun 23 j 02:10	15°♊29'47	
direct	-45 Jun 25 j 16:37	15°♊11'02	
morning max el	-45 Jul 04 j 23:36	19°♊30'13	19°25'01
asc. node	-45 Jul 13 j 09:22	0°♋31'40	
	-45 Jul 13 j 01:38	0°♋	
morning set	-45 Jul 22 j 05:45	17°♋01'23	
	-45 Jul 28 j 17:22	0°♌	
superior conj	-45 Jul 30 j 08:22	3°♌12'00	1°47'09
minimum elong	-45 Jul 30 j 08:28	3°♌12'28	1°47'10
max. Earth dist.	-45 Aug 05 j 12:58	14°♌58'54	1.37867 AU
evening rise	-45 Aug 09 j 07:57	21°♌49'41	
	-45 Aug 14 j 01:49	0°♍	
desc. node	-45 Aug 22 j 01:37	12°♍49'56	
	-45 Sep 03 j 01:26	0°♎	
evening max el	-45 Sep 14 j 02:55	12°♎58'36	25°06'45
retrograde	-45 Sep 25 j 22:29	19°♎49'00	
evening set	-45 Oct 01 j 17:09	17°♎22'44	
min. Earth dist.	-45 Oct 06 j 05:07	12°♎18'58	0.67172 AU
inferior conj	-45 Oct 07 j 04:30	11°♎02'23	-0°44'50
minimum elong	-45 Oct 07 j 05:37	10°♎58'43	0°44'21
asc. node	-45 Oct 09 j 08:35	8°♎17'32	
morning rise	-45 Oct 12 j 18:11	5°♎02'20	
direct	-45 Oct 16 j 06:22	3°♎51'15	
morning max el	-45 Oct 23 j 15:51	8°♎04'20	19°43'20
	-45 Nov 08 j 18:01	0°♏	
morning set	-45 Nov 17 j 23:03	14°♏07'27	
desc. node	-45 Nov 18 j 00:56	14°♏14'44	
	-45 Nov 28 j 02:59	0°♐	
max. Earth dist.	-45 Nov 30 j 06:03	3°♐22'15	1.44247 AU
superior conj	-45 Dec 04 j 16:01	10°♐26'12	-1°35'49
minimum elong	-45 Dec 04 j 08:11	9°♐54'40	1°35'08

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-45 Dec 16 j 12:41	0°♑	
evening rise	-45 Dec 18 j 08:55	3°♑06'42	
	-44 Jan 04 j 11:07	0°♒	
asc. node	-44 Jan 05 j 07:53	0°♒58'37	
evening max el	-44 Jan 05 j 22:21	1°♒36'31	18°18'18
retrograde	-44 Jan 12 j 10:13	5°♒07'17	
evening set	-44 Jan 15 j 08:40	4°♒21'18	
	-44 Jan 20 j 11:13	30°℞♑	
inferior conj	-44 Jan 21 j 09:50	28°♑57'24	3°46'14
minimum elong	-44 Jan 21 j 08:31	29°♑01'06	3°46'07
min. Earth dist.	-44 Jan 23 j 19:14	26°♑17'25	0.63653 AU
morning rise	-44 Jan 27 j 07:41	22°♑54'45	
direct	-44 Feb 03 j 06:52	20°♑07'35	
desc. node	-44 Feb 14 j 00:10	25°♑11'07	
morning max el	-44 Feb 17 j 00:36	27°♑58'23	27°37'55
	-44 Feb 18 j 23:27	0°♒	
	-44 Mar 11 j 05:40	0°♓	
morning set	-44 Mar 22 j 16:54	21°♓06'58	
	-44 Mar 27 j 01:22	0°♈	
max. Earth dist.	-44 Mar 27 j 21:00	1°♈42'52	1.33192 AU
superior conj	-44 Mar 30 j 11:39	7°♈15'34	-0°29'20
minimum elong	-44 Mar 30 j 13:04	7°♈23'07	0°29'02
asc. node	-44 Apr 02 j 07:11	13°♈18'43	
evening rise	-44 Apr 06 j 14:36	22°♈31'45	
	-44 Apr 10 j 05:45	0°♉	
evening max el	-44 Apr 29 j 03:52	28°♉42'37	22°59'08
	-44 Apr 30 j 13:32	0°♊	
desc. node	-44 May 11 j 23:22	5°♊20'10	
retrograde	-44 May 12 j 12:26	5°♊20'51	
evening set	-44 May 15 j 22:10	4°♊55'25	
min. Earth dist.	-44 May 23 j 13:04	1°♊32'28	0.55573 AU
inferior conj	-44 May 25 j 03:27	0°♊36'55	-3°26'34
minimum elong	-44 May 24 j 20:12	0°♊47'27	3°24'43
	-44 May 26 j 05:04	30°℞♉	
morning rise	-44 Jun 02 j 20:44	26°♉43'04	
direct	-44 Jun 05 j 14:39	26°♉25'12	
	-44 Jun 14 j 18:55	0°♊	
morning max el	-44 Jun 16 j 12:09	1°♊28'07	20°37'05
asc. node	-44 Jun 29 j 06:26	19°♊28'46	
	-44 Jul 04 j 16:12	0°♋	
morning set	-44 Jul 05 j 11:46	1°♋39'42	
superior conj	-44 Jul 13 j 01:45	17°♋17'48	1°43'33
minimum elong	-44 Jul 13 j 00:20	17°♋10'39	1°43'30
max. Earth dist.	-44 Jul 17 j 20:08	26°♋48'39	1.36038 AU
	-44 Jul 19 j 11:46	0°♌	
evening rise	-44 Jul 21 j 21:51	4°♌33'47	
	-44 Aug 05 j 22:50	0°♍	
desc. node	-44 Aug 07 j 22:40	3°♍00'33	
evening max el	-44 Aug 26 j 14:29	26°♍35'16	26°13'20
	-44 Aug 30 j 12:05	0°♎	
retrograde	-44 Sep 08 j 05:47	3°♎44'45	
evening set	-44 Sep 14 j 14:41	1°♎05'07	
	-44 Sep 15 j 19:01	30°℞♍	
min. Earth dist.	-44 Sep 18 j 18:49	26°♍38'07	0.66426 AU
inferior conj	-44 Sep 20 j 05:43	24°♍50'14	-1°41'01
minimum elong	-44 Sep 20 j 08:17	24°♍42'17	1°39'59
asc. node	-44 Sep 25 j 05:39	19°♍34'25	
morning rise	-44 Sep 26 j 02:15	19°♍00'17	
direct	-44 Sep 29 j 04:37	18°♍05'27	
morning max el	-44 Oct 06 j 00:38	21°♍54'03	18°50'49
	-44 Oct 12 j 11:42	0°♎	
morning set	-44 Oct 27 j 13:04	23°♎15'41	
	-44 Oct 31 j 19:32	0°♏	
desc. node	-44 Nov 03 j 21:57	4°♏52'56	
max. Earth dist.	-44 Nov 11 j 23:14	17°♏32'25	1.44953 AU
superior conj	-44 Nov 12 j 21:08	18°♏58'38	-0°56'36
minimum elong	-44 Nov 12 j 14:10	18°♏31'10	0°55'45
	-44 Nov 19 j 20:30	0°♐	
evening rise	-44 Nov 28 j 09:18	13°♐40'03	
	-44 Dec 08 j 13:04	0°♑	
evening max el	-44 Dec 19 j 09:35	15°♑00'55	18°47'05
asc. node	-44 Dec 22 j 04:56	17°♑25'36	
retrograde	-44 Dec 26 j 03:25	18°♑48'26	
evening set	-44 Dec 29 j 07:20	17°♑51'17	
inferior conj	-43 Jan 04 j 01:13	12°♑09'53	3°27'07
minimum elong	-43 Jan 03 j 22:48	12°♑17'17	3°26'41
min. Earth dist.	-43 Jan 05 j 19:18	10°♑01'20	0.65200 AU
morning rise	-43 Jan 09 j 13:54	6°♑01'15	
direct	-43 Jan 16 j 06:01	3°♑09'13	
morning max el	-43 Jan 29 j 10:25	10°♑51'06	26°56'39
desc. node	-43 Jan 30 j 21:11	12°♑20'53	
	-43 Feb 13 j 15:43	0°♒	
	-43 Mar 03 j 17:14	0°♓	
morning set	-43 Mar 06 j 04:31	4°♓40'20	
max. Earth dist.	-43 Mar 10 j 15:43	13°♓28'27	1.34257 AU
superior conj	-43 Mar 14 j 13:53	21°♓32'12	-0°56'03
minimum elong	-43 Mar 14 j 16:33	21°♓46'08	0°55'33
	-43 Mar 18 j 14:23	0°♈	
asc. node	-43 Mar 20 j 04:14	3°♈19'44	
evening rise	-43 Mar 22 j 00:39	7°♈12'20	
	-43 Apr 03 j 09:24	0°♉	
evening max el	-43 Apr 11 j 00:22	9°♉27'35	21°27'27
retrograde	-43 Apr 23 j 03:38	15°♉21'59	
evening set	-43 Apr 25 j 13:22	15°♉08'47	
desc. node	-43 Apr 28 j 20:24	14°♉11'43	
inferior conj	-43 May 04 j 22:51	11°♉07'52	-1°43'45
minimum elong	-43 May 04 j 18:02	11°♉14'37	1°42'06
min. Earth dist.	-43 May 05 j 01:56	11°♉03'32	0.54994 AU
morning rise	-43 May 13 j 23:17	7°♉08'29	
direct	-43 May 17 j 01:24	6°♉47'40	
morning max el	-43 May 29 j 13:47	12°♉43'26	22°06'56
	-43 Jun 11 j 08:50	0°♊	
asc. node	-43 Jun 16 j 03:28	8°♊53'19	
morning set	-43 Jun 19 j 21:28	16°♊30'23	
	-43 Jun 26 j 06:40	0°♋	
superior conj	-43 Jun 27 j 03:22	1°♋49'07	1°33'31
minimum elong	-43 Jun 27 j 01:07	1°♋37'17	1°33'18
max. Earth dist.	-43 Jun 30 j 11:39	8°♋46'13	1.34542 AU
evening rise	-43 Jul 05 j 03:52	18°♋06'08	
	-43 Jul 11 j 13:36	0°♌	
desc. node	-43 Jul 25 j 19:42	22°♌46'50	
	-43 Jul 31 j 03:59	0°♍	
evening max el	-43 Aug 09 j 02:17	10°♍05'30	27°01'40
retrograde	-43 Aug 22 j 07:53	17°♍24'08	
evening set	-43 Aug 29 j 04:40	14°♍38'24	
min. Earth dist.	-43 Sep 02 j 01:41	10°♍48'24	0.65321 AU
inferior conj	-43 Sep 04 j 01:06	8°♍32'45	-2°36'13
minimum elong	-43 Sep 04 j 04:59	8°♍21'37	2°34'50
morning rise	-43 Sep 10 j 05:58	2°♍55'54	
asc. node	-43 Sep 12 j 02:41	2°♍18'18	
direct	-43 Sep 13 j 00:55	2°♍13'37	
morning max el	-43 Sep 19 j 14:10	5°♍46'53	18°14'38
	-43 Oct 05 j 23:53	0°♎	
morning set	-43 Oct 08 j 07:21	3°♎48'12	
desc. node	-43 Oct 21 j 18:58	25°♎37'04	
superior conj	-43 Oct 22 j 23:09	27°♎28'47	-0°07'44
minimum elong	-43 Oct 22 j 22:09	27°♎24'50	0°07'35
behind sun begin	-43 Oct 22 j 12:18	26°♎45'49	
behind sun end	-43 Oct 23 j 08:00	28°♎03'50	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-43 Oct 24 j 13:24	0°♏	
max. Earth dist.	-43 Oct 25 j 17:45	1°♏51'46	1.44929 AU
evening rise	-43 Nov 08 j 10:18	23°♏16'21	
	-43 Nov 12 j 18:01	0°♐	
greatest brilliancy	-43 Nov 20 j 08:47	11°♐44'20	-0.7m
evening max el	-43 Dec 02 j 17:18	28°♐28'04	19°32'39
	-43 Dec 04 j 07:51	0°♑	
asc. node	-43 Dec 09 j 01:59	2°♑36'25	
retrograde	-43 Dec 10 j 00:04	2°♑41'10	
evening set	-43 Dec 13 j 11:02	1°♑31'15	
	-43 Dec 15 j 06:47	30°℞♐	
inferior conj	-43 Dec 18 j 23:57	25°♐35'06	2°56'27
minimum elong	-43 Dec 18 j 21:10	25°♐44'13	2°55'43
min. Earth dist.	-43 Dec 20 j 03:48	24°♐04'19	0.66366 AU
morning rise	-43 Dec 24 j 07:03	19°♐23'00	
direct	-43 Dec 30 j 11:15	16°♐38'49	
morning max el	-42 Jan 11 j 19:38	23°♐58'17	25°49'58
	-42 Jan 17 j 05:40	0°♑	
desc. node	-42 Jan 17 j 18:12	0°♑38'01	
	-42 Feb 07 j 01:12	0°♒	
morning set	-42 Feb 17 j 01:47	17°♒26'03	
max. Earth dist.	-42 Feb 20 j 22:15	24°♒40'16	1.35773 AU
	-42 Feb 23 j 16:02	0°♓	
superior conj	-42 Feb 26 j 08:24	5°♓20'43	-1°21'13
minimum elong	-42 Feb 26 j 12:01	5°♓39'00	1°20'40
evening rise	-42 Mar 06 j 06:59	21°♓35'42	
asc. node	-42 Mar 07 j 01:17	23°♓08'44	
	-42 Mar 10 j 12:10	0°♈	
evening max el	-42 Mar 24 j 07:29	20°♈45'30	20°09'23
retrograde	-42 Apr 03 j 18:08	25°♈46'19	
evening set	-42 Apr 05 j 20:39	25°♈34'59	
inferior conj	-42 Apr 14 j 19:44	21°♈36'16	0°15'28
minimum elong	-42 Apr 14 j 20:26	21°♈35'13	0°15'13
transit middle	-42 Apr 14 j 20:26	21°♈35'13	0°15'13
transit begin	-42 Apr 14 j 19:15	21°♈36'58	
transit end	-42 Apr 14 j 21:36	21°♈33'28	
desc. node	-42 Apr 15 j 17:24	21°♈03'51	
min. Earth dist.	-42 Apr 16 j 15:53	20°♈30'28	0.55373 AU
morning rise	-42 Apr 23 j 18:18	17°♈12'58	
direct	-42 Apr 27 j 14:58	16°♈40'20	
morning max el	-42 May 11 j 07:09	23°♈24'56	23°47'05
	-42 May 17 j 04:45	0°♉	
asc. node	-42 Jun 03 j 00:31	28°♉38'14	
	-42 Jun 03 j 16:17	0°♊	
morning set	-42 Jun 04 j 09:06	1°♊28'02	
superior conj	-42 Jun 11 j 10:27	16°♊37'20	1°18'26
minimum elong	-42 Jun 11 j 07:57	16°♊23'53	1°18'04
max. Earth dist.	-42 Jun 13 j 12:42	21°♊06'22	1.33437 AU
	-42 Jun 17 j 19:04	0°♋	
evening rise	-42 Jun 18 j 21:38	2°♋14'17	
	-42 Jul 04 j 10:12	0°♌	
desc. node	-42 Jul 12 j 16:43	11°♌58'29	
evening max el	-42 Jul 22 j 13:26	23°♌19'10	27°24'33
	-42 Aug 01 j 10:51	0°♍	
retrograde	-42 Aug 05 j 04:11	0°♍38'56	
	-42 Aug 08 j 17:18	30°℞♌	
evening set	-42 Aug 12 j 08:07	27°♌57'43	
min. Earth dist.	-42 Aug 15 j 23:41	24°♌41'56	0.63857 AU
inferior conj	-42 Aug 18 j 12:11	22°♌05'03	-3°27'36
minimum elong	-42 Aug 18 j 16:53	21°♌52'48	3°26'16
morning rise	-42 Aug 25 j 02:40	16°♌44'27	
direct	-42 Aug 27 j 16:44	16°♌11'12	
asc. node	-42 Aug 29 j 23:42	16°♌37'37	
morning max el	-42 Sep 03 j 05:50	19°♌37'19	17°55'45
	-42 Sep 10 j 22:19	0°♍	
morning set	-42 Sep 20 j 04:20	15°♍38'28	
	-42 Sep 28 j 14:48	0°♎	
superior conj	-42 Oct 02 j 18:57	6°♎54'22	0°38'22
minimum elong	-42 Oct 02 j 22:54	7°♎10'33	0°37'50
max. Earth dist.	-42 Oct 08 j 11:04	16°♎04'23	1.44189 AU
desc. node	-42 Oct 08 j 16:02	16°♎24'12	
	-42 Oct 17 j 07:57	0°♏	
evening rise	-42 Oct 18 j 19:24	2°♏16'50	
	-42 Nov 06 j 08:52	0°♐	
evening max el	-42 Nov 15 j 20:00	11°♐56'48	20°32'51
retrograde	-42 Nov 23 j 21:40	16°♐42'28	
asc. node	-42 Nov 25 j 22:59	16°♐18'28	
evening set	-42 Nov 27 j 17:40	15°♐17'46	
inferior conj	-42 Dec 03 j 03:33	9°♐09'54	2°17'15
minimum elong	-42 Dec 03 j 00:57	9°♐18'44	2°16'23
min. Earth dist.	-42 Dec 03 j 18:40	8°♐18'36	0.67154 AU
morning rise	-42 Dec 08 j 08:02	2°♐56'27	
direct	-42 Dec 13 j 21:44	0°♐29'09	
morning max el	-42 Dec 25 j 03:54	7°♐11'55	24°27'40
desc. node	-41 Jan 04 j 15:15	19°♐43'16	
	-41 Jan 11 j 23:04	0°♑	
morning set	-41 Jan 30 j 03:03	29°♑08'24	
	-41 Jan 30 j 14:49	0°♒	
max. Earth dist.	-41 Feb 02 j 19:27	5°♒42'03	1.37690 AU
superior conj	-41 Feb 09 j 15:57	18°♒32'27	-1°42'42
minimum elong	-41 Feb 09 j 19:46	18°♒50'49	1°42'19
	-41 Feb 15 j 11:53	0°♓	
evening rise	-41 Feb 18 j 07:21	5°♓35'25	
asc. node	-41 Feb 21 j 22:19	12°♓40'29	
	-41 Mar 04 j 14:21	0°♈	
evening max el	-41 Mar 07 j 01:41	2°♈41'31	19°09'40
retrograde	-41 Mar 15 j 20:49	6°♈55'34	
evening set	-41 Mar 18 j 02:15	6°♈40'29	
inferior conj	-41 Mar 26 j 07:06	2°♈29'09	1°58'05
minimum elong	-41 Mar 26 j 11:12	2°♈22'10	1°56'52
min. Earth dist.	-41 Mar 29 j 07:05	0°♈27'21	0.56629 AU
	-41 Mar 30 j 00:05	30°℞♓	
desc. node	-41 Apr 02 j 14:26	28°♓01'07	
morning rise	-41 Apr 03 j 17:13	27°♓33'19	
direct	-41 Apr 08 j 16:21	26°♓35'58	
	-41 Apr 18 j 04:35	0°♈	
morning max el	-41 Apr 22 j 21:39	3°♈54'15	25°24'53
	-41 May 11 j 12:26	0°♉	
morning set	-41 May 19 j 20:57	16°♉26'23	
asc. node	-41 May 20 j 21:34	18°♉36'47	
	-41 May 26 j 03:32	0°♊	
superior conj	-41 May 26 j 20:45	1°♊34'05	0°59'20
minimum elong	-41 May 26 j 18:30	1°♊21'52	0°58'55
max. Earth dist.	-41 May 27 j 21:11	3°♊47'27	1.32718 AU
evening rise	-41 Jun 02 j 23:32	16°♊46'19	
	-41 Jun 09 j 17:27	0°♋	
	-41 Jun 29 j 06:56	0°♌	
desc. node	-41 Jun 29 j 13:44	0°♌20'12	
evening max el	-41 Jul 04 j 21:27	6°♌01'58	27°16'28
retrograde	-41 Jul 18 j 17:39	13°♌19'10	
evening set	-41 Jul 25 j 21:10	10°♌55'31	
min. Earth dist.	-41 Jul 29 j 11:23	8°♌05'59	0.62066 AU
inferior conj	-41 Aug 01 j 11:54	5°♌19'00	-4°10'57
minimum elong	-41 Aug 01 j 16:22	5°♌08'40	4°10'04
morning rise	-41 Aug 08 j 12:58	0°♌18'03	
	-41 Aug 09 j 14:29	30°℞♋	
direct	-41 Aug 11 j 00:43	29°♋51'00	
	-41 Aug 12 j 10:37	0°♌	
asc. node	-41 Aug 16 j 20:45	2°♌23'07	

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morning max el	-41 Aug 17 j 20:43	3°♌18'01	17°55'07	
morning set	-41 Sep 02 j 21:58	28°♌27'40		
	-41 Sep 03 j 18:24	0°♍		
superior conj	-41 Sep 13 j 17:47	17°♍39'45	1°13'22	
minimum elong	-41 Sep 13 j 22:43	18°♍00'55	1°12'48	
max. Earth dist.	-41 Sep 21 j 00:35	29°♍52'45	1.42825 AU	
	-41 Sep 21 j 02:22	0°♎		
desc. node	-41 Sep 25 j 13:03	7°♎10'25		
evening rise	-41 Sep 28 j 04:47	11°♎22'07		
	-41 Oct 10 j 11:10	0°♏		
evening max el	-41 Oct 29 j 16:55	25°♏26'03	21°44'36	
	-41 Nov 04 j 12:49	0°♐		
retrograde	-41 Nov 07 j 18:21	0°♐49'14		
	-41 Nov 10 j 18:36	30°℞♏		
evening set	-41 Nov 12 j 01:26	29°♏07'51		
asc. node	-41 Nov 12 j 19:59	28°♏27'41		
inferior conj	-41 Nov 17 j 09:52	22°♏51'31	1°31'37	
minimum elong	-41 Nov 17 j 07:55	22°♏58'16	1°30'51	
min. Earth dist.	-41 Nov 17 j 13:33	22°♏38'45	0.67576 AU	
morning rise	-41 Nov 22 j 14:14	16°♏38'49		
direct	-41 Nov 27 j 12:41	14°♏33'10		
morning max el	-41 Dec 07 j 13:28	20°♏30'38	22°59'56	
	-41 Dec 15 j 15:19	0°♐		
desc. node	-41 Dec 22 j 12:18	9°♐22'53		
	-40 Jan 05 j 05:06	0°♑		
morning set	-40 Jan 11 j 02:10	9°♑32'07		
max. Earth dist.	-40 Jan 15 j 15:01	17°♑12'17	1.39810 AU	
	-40 Jan 22 j 19:57	0°♒		
superior conj	-40 Jan 23 j 08:18	0°♒56'33	-1°57'30	
minimum elong	-40 Jan 23 j 10:50	1°♒08'10	1°57'24	
evening rise	-40 Feb 01 j 22:56	19°♒04'50		
	-40 Feb 07 j 18:50	0°♓		
asc. node	-40 Feb 08 j 19:21	1°♓49'11		
evening max el	-40 Feb 18 j 04:53	15°♓11'16	18°29'52	
retrograde	-40 Feb 25 j 18:30	18°♓54'06		
evening set	-40 Feb 28 j 05:01	18°♓32'12		
inferior conj	-40 Mar 06 j 15:16	14°♓01'09	3°06'45	
minimum elong	-40 Mar 06 j 19:09	13°♓53'24	3°05'58	
min. Earth dist.	-40 Mar 10 j 01:27	11°♓18'46	0.58481 AU	
morning rise	-40 Mar 14 j 06:40	8°♓35'56		
desc. node	-40 Mar 19 j 11:28	7°♓04'43		
direct	-40 Mar 20 j 07:03	7°♓03'00		
morning max el	-40 Apr 03 j 15:21	14°♓40'50	26°44'50	
	-40 Apr 15 j 22:27	0°♈		
	-40 May 02 j 16:07	0°♉		
morning set	-40 May 03 j 07:25	1°♉19'46		
asc. node	-40 May 06 j 18:38	8°♉43'56		
superior conj	-40 May 10 j 08:26	16°♉33'13	0°37'03	
minimum elong	-40 May 10 j 06:53	16°♉24'39	0°36'44	
max. Earth dist.	-40 May 10 j 09:34	16°♉39'25	1.32368 AU	
	-40 May 16 j 13:12	0°♊		
evening rise	-40 May 17 j 06:54	1°♊33'12		
	-40 Jun 01 j 18:33	0°♋		
desc. node	-40 Jun 15 j 10:45	17°♋31'01		
evening max el	-40 Jun 15 j 23:38	18°♋02'08	26°35'15	
retrograde	-40 Jun 29 j 23:21	25°♋16'47		
evening set	-40 Jul 06 j 15:21	23°♋23'42		
min. Earth dist.	-40 Jul 10 j 12:54	20°♋46'09	0.60046 AU	
inferior conj	-40 Jul 13 j 20:46	18°♋05'42	-4°39'22	
minimum elong	-40 Jul 13 j 23:13	18°♋00'46	4°39'10	
morning rise	-40 Jul 21 j 09:02	13°♋27'04		
direct	-40 Jul 23 j 20:39	13°♋04'16		
morning max el	-40 Jul 31 j 07:53	16°♋41'43	18°13'52	
asc. node	-40 Aug 02 j 17:49	19°♋20'21		
	-40 Aug 09 j 18:03	0°♌		
morning set	-40 Aug 16 j 06:40	12°♌00'25		
superior conj	-40 Aug 25 j 18:11	29°♌41'02	1°35'19	
minimum elong	-40 Aug 25 j 21:34	29°♌56'25	1°35'03	
	-40 Aug 25 j 22:22	0°♍		
max. Earth dist.	-40 Sep 02 j 08:32	13°♍01'37	1.41015 AU	
evening rise	-40 Sep 07 j 07:04	21°♍15'07		
desc. node	-40 Sep 11 j 10:04	27°♍52'25		
	-40 Sep 12 j 18:33	0°♎		
	-40 Oct 03 j 15:45	0°♏		
evening max el	-40 Oct 11 j 08:35	8°♏56'09	23°03'22	
retrograde	-40 Oct 21 j 12:35	14°♏57'58		
evening set	-40 Oct 26 j 08:34	12°♏58'41		
asc. node	-40 Oct 29 j 17:03	9°♏19'30		
inferior conj	-40 Oct 31 j 17:01	6°♏37'32	0°41'06	
minimum elong	-40 Oct 31 j 16:04	6°♏40'49	0°40'42	
min. Earth dist.	-40 Oct 31 j 10:08	7°♏01'13	0.67666 AU	
morning rise	-40 Nov 05 j 23:29	0°♏27'40		
	-40 Nov 06 j 14:20	30°℞♎		
direct	-40 Nov 10 j 07:15	28°♎44'46		
	-40 Nov 14 j 08:04	0°♏		
morning max el	-40 Nov 19 j 03:42	3°♏56'32	21°35'20	
desc. node	-40 Dec 08 j 09:20	29°♏26'27		
	-40 Dec 08 j 18:22	0°♐		
morning set	-40 Dec 20 j 20:12	18°♐32'47		
max. Earth dist.	-40 Dec 27 j 15:26	29°♐33'26	1.41849 AU	
	-40 Dec 27 j 21:51	0°♑		
superior conj	-39 Jan 04 j 04:02	12°♑18'53	-2°01'40	
minimum elong	-39 Jan 04 j 03:11	12°♑15'15	2°01'39	
	-39 Jan 14 j 01:04	0°♒		
evening rise	-39 Jan 15 j 02:10	1°♒54'49		
asc. node	-39 Jan 25 j 16:24	20°♒26'37		
evening max el	-39 Jan 31 j 14:01	28°♒05'42	18°10'06	
	-39 Feb 02 j 20:49	0°♓		
retrograde	-39 Feb 07 j 09:45	1°♓33'15		
evening set	-39 Feb 10 j 00:57	1°♓02'53		
	-39 Feb 12 j 02:39	30°℞♒		
inferior conj	-39 Feb 16 j 19:37	26°♒10'47	3°41'47	
minimum elong	-39 Feb 16 j 21:27	26°♒06'34	3°41'37	
min. Earth dist.	-39 Feb 20 j 01:54	23°♒11'05	0.60576 AU	
morning rise	-39 Feb 23 j 16:07	20°♒25'07		
direct	-39 Mar 02 j 09:30	18°♒15'03		
desc. node	-39 Mar 06 j 08:31	18°♒57'00		
morning max el	-39 Mar 16 j 15:14	26°♒03'47	27°34'11	
	-39 Mar 20 j 07:44	0°♓		
	-39 Apr 09 j 08:57	0°♈		
morning set	-39 Apr 17 j 14:39	16°♈01'18		
asc. node	-39 Apr 23 j 15:42	28°♈54'39		
max. Earth dist.	-39 Apr 23 j 21:56	29°♈28'37	1.32380 AU	
	-39 Apr 24 j 03:40	0°♉		
superior conj	-39 Apr 24 j 19:49	1°♉28'20	0°12'23	
minimum elong	-39 Apr 24 j 19:15	1°♉25'15	0°12'16	
behind sun begin	-39 Apr 24 j 16:03	1°♉07'42		
behind sun end	-39 Apr 24 j 22:27	1°♉42'48		
evening rise	-39 May 01 j 17:26	16°♉26'46		
	-39 May 08 j 11:29	0°♊		
evening max el	-39 May 28 j 18:50	29°♊16'42	25°24'26	
	-39 May 29 j 13:20	0°♋		
desc. node	-39 Jun 02 j 07:46	3°♋02'03		
retrograde	-39 Jun 11 j 19:47	6°♋26'52		
evening set	-39 Jun 17 j 10:53	5°♋12'38		
min. Earth dist.	-39 Jun 22 j 06:45	2°♋28'45	0.58006 AU	
inferior conj	-39 Jun 25 j 11:16	0°♋15'28	-4°42'31	
minimum elong	-39 Jun 25 j 09:37	0°♋18'23	4°42'26	

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	-39 Jun 25 j 20:07	30°℞♊	
morning rise	-39 Jul 03 j 11:00	25°♊59'13	
direct	-39 Jul 05 j 23:58	25°♊39'25	
morning max el	-39 Jul 14 j 12:21	29°♊39'32	18°53'06
	-39 Jul 14 j 20:53	0°♋	
asc. node	-39 Jul 20 j 14:54	7°♋14'16	
morning set	-39 Jul 31 j 02:07	26°♋05'26	
	-39 Aug 02 j 01:50	0°♌	
superior conj	-39 Aug 08 j 14:38	12°♌42'50	1°45'37
minimum elong	-39 Aug 08 j 15:52	12°♌48'42	1°45'36
max. Earth dist.	-39 Aug 15 j 11:55	25°♌26'20	1.39001 AU
	-39 Aug 18 j 02:02	0°♍	
evening rise	-39 Aug 19 j 10:00	2°♍18'03	
desc. node	-39 Aug 29 j 07:06	18°♍26'33	
	-39 Sep 06 j 00:12	0°♎	
evening max el	-39 Sep 23 j 21:00	22°♎29'47	24°23'10
retrograde	-39 Oct 05 j 03:18	29°♎05'38	
evening set	-39 Oct 10 j 13:26	26°♎48'42	
inferior conj	-39 Oct 15 j 23:17	20°♎26'42	-0°12'48
minimum elong	-39 Oct 15 j 23:36	20°♎25'39	0°12'40
transit middle	-39 Oct 15 j 23:36	20°♎25'39	0°12'40
transit begin	-39 Oct 15 j 21:53	20°♎31'25	
transit end	-39 Oct 16 j 01:19	20°♎19'53	
min. Earth dist.	-39 Oct 15 j 06:03	21°♎24'37	0.67440 AU
asc. node	-39 Oct 16 j 14:06	19°♎37'09	
morning rise	-39 Oct 21 j 09:49	14°♎22'08	
direct	-39 Oct 25 j 04:31	13°♎00'19	
morning max el	-39 Nov 02 j 01:06	17°♎32'36	20°20'22
	-39 Nov 11 j 22:22	0°♏	
desc. node	-39 Nov 25 j 06:22	19°♏47'29	
morning set	-39 Nov 29 j 18:22	26°♏42'47	
	-39 Dec 01 j 21:08	0°♐	
max. Earth dist.	-39 Dec 09 j 23:07	12°♐46'45	1.43530 AU
superior conj	-39 Dec 15 j 22:12	22°♐29'10	-1°50'32
minimum elong	-39 Dec 15 j 16:30	22°♐05'39	1°50'11
	-39 Dec 20 j 10:10	0°♑	
evening rise	-39 Dec 28 j 12:53	13°♑57'10	
	-38 Jan 06 j 21:23	0°♒	
asc. node	-38 Jan 12 j 13:26	8°♒23'16	
evening max el	-38 Jan 15 j 02:11	11°♒17'12	18°09'54
retrograde	-38 Jan 21 j 14:21	14°♒43'12	
evening set	-38 Jan 24 j 10:01	14°♒03'18	
inferior conj	-38 Jan 30 j 16:40	8°♒50'48	3°50'21
minimum elong	-38 Jan 30 j 16:19	8°♒51'42	3°50'20
min. Earth dist.	-38 Feb 02 j 10:50	5°♒57'51	0.62607 AU
morning rise	-38 Feb 05 j 21:35	2°♒52'50	
direct	-38 Feb 12 j 21:33	0°♒14'43	
desc. node	-38 Feb 21 j 05:34	3°♒20'31	
morning max el	-38 Feb 26 j 20:44	8°♒07'22	27°46'53
	-38 Mar 15 j 16:55	0°♓	
	-38 Apr 01 j 11:50	0°♈	
morning set	-38 Apr 01 j 16:32	0°♈23'45	
max. Earth dist.	-38 Apr 07 j 06:19	12°♈01'30	1.32776 AU
superior conj	-38 Apr 09 j 05:11	16°♈13'47	-0°13'53
minimum elong	-38 Apr 09 j 05:50	16°♈17'20	0°13'44
behind sun begin	-38 Apr 09 j 03:13	16°♈03'09	
behind sun end	-38 Apr 09 j 08:28	16°♈31'33	
asc. node	-38 Apr 10 j 12:45	19°♈04'58	
	-38 Apr 15 j 14:03	0°♉	
evening rise	-38 Apr 16 j 05:14	1°♉20'29	
	-38 May 02 j 02:06	0°♊	
evening max el	-38 May 10 j 09:38	9°♊58'30	23°54'11
desc. node	-38 May 20 j 04:49	16°♊17'19	
retrograde	-38 May 24 j 04:22	16°♊53'26	
evening set	-38 May 28 j 09:04	16°♊14'28	
min. Earth dist.	-38 Jun 03 j 20:40	13°♊08'54	0.56280 AU
inferior conj	-38 Jun 06 j 05:35	11°♊41'45	-4°07'34
minimum elong	-38 Jun 05 j 23:28	11°♊51'11	4°06'25
morning rise	-38 Jun 14 j 16:42	7°♊42'32	
direct	-38 Jun 17 j 08:06	7°♊24'33	
morning max el	-38 Jun 27 j 07:13	12°♊01'22	19°53'19
asc. node	-38 Jul 07 j 11:59	25°♊51'26	
	-38 Jul 09 j 19:18	0°♋	
morning set	-38 Jul 15 j 05:00	10°♋33'23	
superior conj	-38 Jul 23 j 01:37	26°♋28'42	1°46'31
minimum elong	-38 Jul 23 j 01:00	26°♋25'37	1°46'31
	-38 Jul 24 j 20:20	0°♌	
max. Earth dist.	-38 Jul 28 j 15:46	7°♌20'34	1.37048 AU
evening rise	-38 Aug 01 j 12:26	14°♌28'35	
	-38 Aug 10 j 13:51	0°♍	
desc. node	-38 Aug 16 j 04:08	8°♍47'25	
	-38 Aug 31 j 17:29	0°♎	
evening max el	-38 Sep 06 j 08:32	6°♎06'40	25°36'55
retrograde	-38 Sep 18 j 13:28	13°♎06'58	
evening set	-38 Sep 24 j 14:12	10°♎34'36	
min. Earth dist.	-38 Sep 28 j 22:48	5°♎46'02	0.66891 AU
inferior conj	-38 Sep 30 j 02:54	4°♎15'56	-1°08'38
minimum elong	-38 Sep 30 j 04:38	4°♎10'22	1°07'54
asc. node	-38 Oct 03 j 11:09	0°♎17'26	
	-38 Oct 03 j 18:06	30°℞♍	
morning rise	-38 Oct 05 j 19:16	28°♍19'31	
direct	-38 Oct 09 j 02:58	27°♍15'47	
	-38 Oct 14 j 21:07	0°♎	
morning max el	-38 Oct 16 j 05:58	1°♎17'36	19°19'00
	-38 Nov 05 j 11:55	0°♏	
morning set	-38 Nov 08 j 20:06	5°♏11'33	
desc. node	-38 Nov 12 j 03:24	10°♏20'27	
max. Earth dist.	-38 Nov 22 j 13:22	26°♏40'26	1.44638 AU
	-38 Nov 24 j 15:46	0°♐	
superior conj	-38 Nov 25 j 14:17	1°♐29'26	-1°21'04
minimum elong	-38 Nov 25 j 05:59	0°♐56'26	1°20'13
evening rise	-38 Dec 10 j 02:39	25°♐03'48	
	-38 Dec 13 j 02:03	0°♑	
evening max el	-38 Dec 29 j 14:31	24°♑38'39	18°28'26
asc. node	-38 Dec 30 j 10:28	25°♑27'02	
retrograde	-37 Jan 05 j 03:56	28°♑15'02	
evening set	-37 Jan 08 j 04:35	27°♑24'27	
inferior conj	-37 Jan 14 j 02:22	21°♑53'05	3°39'43
minimum elong	-37 Jan 14 j 00:29	21°♑58'34	3°39'29
min. Earth dist.	-37 Jan 16 j 05:19	19°♑25'08	0.64363 AU
morning rise	-37 Jan 19 j 19:52	15°♑47'43	
direct	-37 Jan 26 j 17:00	12°♑56'27	
desc. node	-37 Feb 08 j 02:36	19°♑39'12	
morning max el	-37 Feb 09 j 05:30	20°♑44'40	27°23'54
	-37 Feb 17 j 06:06	0°♒	
	-37 Mar 08 j 18:31	0°♓	
morning set	-37 Mar 16 j 10:22	14°♓18'23	
max. Earth dist.	-37 Mar 21 j 06:58	24°♓06'37	1.33587 AU
superior conj	-37 Mar 24 j 10:40	0°♈43'28	-0°40'45
minimum elong	-37 Mar 24 j 12:38	0°♈53'52	0°40'21
	-37 Mar 24 j 02:27	0°♈	
asc. node	-37 Mar 28 j 09:48	9°♈10'56	
evening rise	-37 Mar 31 j 16:28	16°♈08'14	
	-37 Apr 07 j 15:48	0°♉	
evening max el	-37 Apr 22 j 02:15	20°♉34'55	22°19'04
retrograde	-37 May 05 j 00:08	26°♉55'56	
desc. node	-37 May 07 j 01:50	26°♉46'24	
evening set	-37 May 07 j 21:40	26°♉37'26	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	-37 May 16 j 09:21	22°♉58'41	0.55213 AU
inferior conj	-37 May 17 j 06:45	22°♉28'28	-2°47'06
minimum elong	-37 May 16 j 23:51	22°♉38'13	2°45'01
morning rise	-37 May 26 j 03:46	18°♉34'21	
direct	-37 May 29 j 00:24	18°♉15'47	
morning max el	-37 Jun 09 j 14:56	23°♉41'02	21°13'24
	-37 Jun 15 j 04:26	0°♊	
asc. node	-37 Jun 24 j 09:02	15°♊01'36	
morning set	-37 Jun 29 j 12:50	25°♊17'56	
	-37 Jul 01 j 19:05	0°♋	
superior conj	-37 Jul 06 j 22:53	10°♋46'31	1°40'00
minimum elong	-37 Jul 06 j 21:03	10°♋36'59	1°39'52
max. Earth dist.	-37 Jul 11 j 02:19	19°♋12'00	1.35359 AU
evening rise	-37 Jul 15 j 09:49	27°♋35'14	
	-37 Jul 16 j 16:39	0°♌	
desc. node	-37 Aug 03 j 01:10	28°♌48'43	
	-37 Aug 03 j 20:46	0°♍	
evening max el	-37 Aug 19 j 20:30	19°♍42'31	26°36'38
retrograde	-37 Sep 01 j 18:29	26°♍56'18	
evening set	-37 Sep 08 j 08:47	24°♍13'21	
min. Earth dist.	-37 Sep 12 j 09:55	20°♍01'59	0.66002 AU
inferior conj	-37 Sep 14 j 01:54	18°♍02'04	-2°04'41
minimum elong	-37 Sep 14 j 05:04	17°♍52'35	2°03'28
morning rise	-37 Sep 20 j 01:47	12°♍17'03	
asc. node	-37 Sep 20 j 08:12	12°♍08'36	
direct	-37 Sep 23 j 00:47	11°♍27'50	
morning max el	-37 Sep 29 j 16:58	15°♍08'43	18°33'20
	-37 Oct 10 j 13:23	0°♎	
morning set	-37 Oct 19 j 21:45	14°♎55'07	
	-37 Oct 29 j 08:52	0°♏	
desc. node	-37 Oct 30 j 00:25	1°♏01'30	
superior conj	-37 Nov 04 j 15:15	9°♏52'49	-0°36'19
minimum elong	-37 Nov 04 j 10:30	9°♏34'09	0°35'41
max. Earth dist.	-37 Nov 05 j 07:49	10°♏57'58	1.45041 AU
	-37 Nov 17 j 10:00	0°♐	
evening rise	-37 Nov 20 j 16:47	5°♐11'53	
greatest brilliancy	-37 Nov 29 j 15:13	19°♐20'54	-0.8m
	-37 Dec 06 j 15:29	0°♑	
evening max el	-37 Dec 13 j 00:32	8°♑04'54	19°04'32
asc. node	-37 Dec 17 j 07:29	11°♑23'38	
retrograde	-37 Dec 19 j 22:52	12°♑01'52	
evening set	-37 Dec 23 j 05:41	10°♑59'19	
inferior conj	-37 Dec 28 j 21:12	5°♑11'16	3°15'16
minimum elong	-37 Dec 28 j 18:32	5°♑19'39	3°14'42
min. Earth dist.	-37 Dec 30 j 08:59	3°♑18'35	0.65750 AU
	-36 Jan 02 j 06:20	30°℞♐	
morning rise	-36 Jan 03 j 07:08	29°♐01'10	
direct	-36 Jan 09 j 18:42	26°♐11'17	
	-36 Jan 18 j 11:29	0°♑	
morning max el	-36 Jan 22 j 15:07	3°♑44'26	26°30'50
desc. node	-36 Jan 25 j 23:38	7°♑20'21	
	-36 Feb 11 j 14:55	0°♒	
morning set	-36 Feb 27 j 16:26	27°♒32'55	
	-36 Feb 28 j 23:22	0°♓	
max. Earth dist.	-36 Mar 02 j 20:42	5°♓37'25	1.34852 AU
superior conj	-36 Mar 07 j 09:57	14°♓49'11	-1°07'01
minimum elong	-36 Mar 07 j 13:05	15°♓05'21	1°06'29
asc. node	-36 Mar 14 j 06:49	29°♓07'26	
	-36 Mar 14 j 16:58	0°♈	
evening rise	-36 Mar 15 j 01:11	0°♈42'31	
	-36 Apr 01 j 14:58	0°♉	
evening max el	-36 Apr 03 j 02:55	1°♉32'02	20°52'09
retrograde	-36 Apr 14 j 13:12	7°♉03'38	
evening set	-36 Apr 16 j 18:21	6°♉51'59	
desc. node	-36 Apr 22 j 22:52	4°♉35'55	
inferior conj	-36 Apr 26 j 00:53	2°♉54'01	-0°53'03
minimum elong	-36 Apr 25 j 22:22	2°♉57'35	0°52'10
min. Earth dist.	-36 Apr 26 j 22:14	2°♉23'38	0.55042 AU
	-36 May 01 j 12:58	30°℞♈	
morning rise	-36 May 05 j 01:56	28°♈46'52	
direct	-36 May 08 j 10:50	28°♈22'20	
	-36 May 15 j 01:01	0°♉	
morning max el	-36 May 21 j 12:25	4°♉39'24	22°48'55
	-36 Jun 07 j 22:07	0°♊	
asc. node	-36 Jun 10 j 06:04	4°♊35'33	
morning set	-36 Jun 12 j 23:34	10°♊12'11	
superior conj	-36 Jun 20 j 03:07	25°♊25'34	1°27'40
minimum elong	-36 Jun 20 j 00:41	25°♊12'41	1°27'23
	-36 Jun 22 j 07:04	0°♋	
max. Earth dist.	-36 Jun 22 j 22:16	1°♋19'26	1.34028 AU
evening rise	-36 Jun 27 j 21:17	11°♋23'44	
	-36 Jul 08 j 00:35	0°♌	
desc. node	-36 Jul 19 j 22:12	18°♌21'28	
	-36 Jul 29 j 07:08	0°♍	
evening max el	-36 Aug 01 j 08:16	3°♍06'54	27°14'51
retrograde	-36 Aug 14 j 17:54	10°♍26'01	
evening set	-36 Aug 21 j 18:38	7°♍40'40	
min. Earth dist.	-36 Aug 25 j 13:05	4°♍06'01	0.64746 AU
inferior conj	-36 Aug 27 j 18:03	1°♍40'27	-2°58'42
minimum elong	-36 Aug 27 j 22:22	1°♍28'33	2°57'17
	-36 Aug 29 j 07:20	30°℞♌	
morning rise	-36 Sep 03 j 02:52	26°♌10'13	
direct	-36 Sep 05 j 19:32	25°♌32'03	
asc. node	-36 Sep 06 j 05:14	25°♌32'55	
morning max el	-36 Sep 12 j 07:44	29°♌00'55	18°04'30
	-36 Sep 13 j 06:07	0°♍	
morning set	-36 Sep 30 j 04:01	26°♍02'40	
	-36 Oct 02 j 12:45	0°♎	
superior conj	-36 Oct 13 j 22:43	18°♎40'36	0°12'51
minimum elong	-36 Oct 14 j 00:16	18°♎46'48	0°12'38
behind sun begin	-36 Oct 13 j 17:32	18°♎19'49	
behind sun end	-36 Oct 14 j 07:00	19°♎13'46	
desc. node	-36 Oct 15 j 21:28	21°♎47'15	
max. Earth dist.	-36 Oct 18 j 02:44	25°♎18'36	1.44697 AU
	-36 Oct 21 j 02:10	0°♏	
evening rise	-36 Oct 30 j 09:36	14°♏29'37	
	-36 Nov 09 j 12:19	0°♐	
greatest brilliancy	-36 Nov 13 j 00:26	5°♐15'56	-0.7m
evening max el	-36 Nov 25 j 06:16	21°♐33'00	19°56'34
retrograde	-36 Dec 02 j 20:18	25°♐59'17	
asc. node	-36 Dec 03 j 04:30	25°♐58'37	
evening set	-36 Dec 06 j 10:55	24°♐43'08	
inferior conj	-36 Dec 11 j 22:18	18°♐41'21	2°40'45
minimum elong	-36 Dec 11 j 19:32	18°♐50'36	2°39'56
min. Earth dist.	-36 Dec 12 j 20:26	17°♐27'41	0.66744 AU
morning rise	-36 Dec 17 j 03:57	12°♐28'29	
direct	-36 Dec 23 j 02:05	9°♐50'58	
morning max el	-35 Jan 04 j 00:05	16°♐56'12	25°16'24
desc. node	-35 Jan 11 j 20:39	26°♐00'12	
	-35 Jan 14 j 21:51	0°♑	
	-35 Feb 03 j 14:02	0°♒	
morning set	-35 Feb 09 j 06:00	9°♒54'07	
max. Earth dist.	-35 Feb 12 j 23:06	16°♒43'19	1.36554 AU
superior conj	-35 Feb 19 j 00:16	28°♒23'23	-1°30'55
minimum elong	-35 Feb 19 j 04:06	28°♒42'22	1°30'26
	-35 Feb 19 j 19:43	0°♓	
evening rise	-35 Feb 27 j 05:21	14°♓57'10	
asc. node	-35 Mar 01 j 03:51	18°♓49'55	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-35 Mar 07 j 02:30	0°♈		
evening max el	-35 Mar 16 j 14:46	13°♈05'44	19°41'28	
retrograde	-35 Mar 26 j 08:01	17°♈45'38		
evening set	-35 Mar 28 j 10:57	17°♈33'15		
inferior conj	-35 Apr 06 j 02:40	13°♈30'04	1°02'32	
minimum elong	-35 Apr 06 j 05:16	13°♈25'59	1°01'40	
min. Earth dist.	-35 Apr 08 j 12:32	11°♈59'26	0.55815 AU	
desc. node	-35 Apr 09 j 19:52	11°♈12'41		
morning rise	-35 Apr 14 j 21:06	8°♈53'10		
direct	-35 Apr 19 j 04:15	8°♈11'55		
morning max el	-35 May 03 j 03:58	15°♈12'40	24°29'55	
	-35 May 14 j 21:23	0°♉		
morning set	-35 May 28 j 11:29	25°♉10'41		
asc. node	-35 May 28 j 03:07	24°♉26'44		
	-35 May 30 j 17:49	0°♊		
superior conj	-35 Jun 04 j 11:49	10°♊18'02	1°10'46	
minimum elong	-35 Jun 04 j 09:22	10°♊04'47	1°10'22	
max. Earth dist.	-35 Jun 06 j 02:47	13°♊48'35	1.33085 AU	
evening rise	-35 Jun 11 j 18:52	25°♊42'40		
	-35 Jun 13 j 22:15	0°♋		
	-35 Jul 01 j 11:28	0°♌		
desc. node	-35 Jul 06 j 19:13	7°♌13'39		
evening max el	-35 Jul 14 j 18:07	16°♌07'38	27°25'01	
retrograde	-35 Jul 28 j 11:27	23°♌27'04		
evening set	-35 Aug 04 j 16:29	20°♌51'14		
min. Earth dist.	-35 Aug 08 j 06:36	17°♌48'17	0.63129 AU	
inferior conj	-35 Aug 11 j 00:39	15°♌05'08	-3°47'21	
minimum elong	-35 Aug 11 j 05:26	14°♌53'17	3°46'10	
morning rise	-35 Aug 17 j 19:35	9°♌52'53		
direct	-35 Aug 20 j 08:21	9°♌22'39		
asc. node	-35 Aug 24 j 02:18	10°♌30'03		
morning max el	-35 Aug 26 j 23:29	12°♌47'58	17°53'16	
	-35 Sep 07 j 16:30	0°♍		
morning set	-35 Sep 12 j 10:28	8°♍19'19		
superior conj	-35 Sep 24 j 05:41	28°♍39'04	0°54'49	
minimum elong	-35 Sep 24 j 10:30	28°♍59'09	0°54'12	
	-35 Sep 25 j 01:07	0°♎		
max. Earth dist.	-35 Sep 30 j 18:29	9°♎21'41	1.43666 AU	
desc. node	-35 Oct 02 j 18:30	12°♎34'05		
evening rise	-35 Oct 09 j 16:25	23°♎25'19		
	-35 Oct 13 j 23:15	0°♏		
	-35 Nov 03 j 21:34	0°♐		
evening max el	-35 Nov 08 j 06:23	5°♐01'05	21°02'12	
retrograde	-35 Nov 16 j 17:51	10°♐02'57		
asc. node	-35 Nov 20 j 01:32	9°♐00'41		
evening set	-35 Nov 20 j 18:16	8°♐31'24		
inferior conj	-35 Nov 26 j 03:19	2°♐19'17	1°58'37	
minimum elong	-35 Nov 26 j 00:56	2°♐27'26	1°57'45	
min. Earth dist.	-35 Nov 26 j 13:24	1°♐44'36	0.67367 AU	
	-35 Nov 27 j 20:22	30°℞♏		
morning rise	-35 Dec 01 j 07:26	26°♏05'40		
direct	-35 Dec 06 j 14:32	23°♏47'20		
	-35 Dec 17 j 03:48	0°♐		
morning max el	-35 Dec 17 j 08:39	0°♐12'12	23°50'31	
desc. node	-35 Dec 29 j 17:42	15°♐21'13		
	-34 Jan 08 j 19:37	0°♑		
morning set	-34 Jan 21 j 20:55	21°♑04'58		
max. Earth dist.	-34 Jan 25 j 18:24	27°♑51'52	1.38580 AU	
	-34 Jan 26 j 23:09	0°♒		
superior conj	-34 Feb 02 j 01:55	11°♒15'56	-1°50'01	
minimum elong	-34 Feb 02 j 05:25	11°♒32'25	1°49'44	
evening rise	-34 Feb 11 j 02:22	28°♒44'42		
	-34 Feb 11 j 17:48	0°♓		
asc. node	-34 Feb 16 j 00:53	8°♓12'34		
evening max el	-34 Feb 27 j 13:08	25°♓16'53	18°50'15	
retrograde	-34 Mar 07 j 18:30	29°♓15'45		
evening set	-34 Mar 10 j 01:53	28°♓58'11		
inferior conj	-34 Mar 17 j 22:39	24°♓39'10	2°31'35	
minimum elong	-34 Mar 18 j 03:01	24°♓31'13	2°30'27	
min. Earth dist.	-34 Mar 21 j 05:10	22°♓17'17	0.57363 AU	
morning rise	-34 Mar 26 j 01:07	19°♓29'28		
desc. node	-34 Mar 27 j 16:53	18°♓52'42		
direct	-34 Mar 31 j 11:33	18°♓17'44		
morning max el	-34 Apr 14 j 19:24	25°♓46'43	26°01'54	
	-34 Apr 18 j 18:25	0°♈		
	-34 May 07 j 23:03	0°♉		
morning set	-34 May 12 j 22:59	10°♉07'50		
asc. node	-34 May 15 j 00:12	14°♉29'36		
superior conj	-34 May 19 j 22:58	25°♉17'00	0°50'13	
minimum elong	-34 May 19 j 20:58	25°♉06'04	0°49'50	
max. Earth dist.	-34 May 20 j 13:13	26°♉35'02	1.32520 AU	
	-34 May 22 j 02:45	0°♊		
evening rise	-34 May 26 j 23:26	10°♊22'16		
	-34 Jun 06 j 04:57	0°♋		
desc. node	-34 Jun 23 j 16:13	25°♋08'31		
evening max el	-34 Jun 26 j 23:53	28°♋33'31	27°02'57	
	-34 Jun 28 j 13:53	0°♌		
retrograde	-34 Jul 10 j 22:12	5°♌50'28		
evening set	-34 Jul 17 j 22:11	3°♌38'17		
min. Earth dist.	-34 Jul 21 j 14:01	0°♌55'51	0.61217 AU	
	-34 Jul 22 j 16:08	30°℞♋		
inferior conj	-34 Jul 24 j 18:34	28°♋09'02	-4°25'23	
minimum elong	-34 Jul 24 j 22:26	28°♋00'34	4°24'49	
morning rise	-34 Aug 01 j 00:22	23°♋17'27		
direct	-34 Aug 03 j 11:38	22°♋52'34		
morning max el	-34 Aug 10 j 13:16	26°♋23'06	18°00'40	
asc. node	-34 Aug 10 j 23:23	26°♋48'17		
	-34 Aug 13 j 16:43	0°♌		
morning set	-34 Aug 26 j 11:11	21°♌28'50		
	-34 Aug 31 j 02:27	0°♍		
superior conj	-34 Sep 05 j 16:01	9°♍58'33	1°24'13	
minimum elong	-34 Sep 05 j 20:29	10°♍18'09	1°23'47	
max. Earth dist.	-34 Sep 13 j 05:13	22°♍52'45	1.42091 AU	
	-34 Sep 17 j 13:44	0°♎		
evening rise	-34 Sep 19 j 07:24	2°♎46'42		
desc. node	-34 Sep 19 j 15:33	3°♎19'05		
	-34 Oct 07 j 09:51	0°♏		
evening max el	-34 Oct 22 j 00:55	18°♏30'19	22°17'37	
retrograde	-34 Oct 31 j 13:42	24°♏10'25		
evening set	-34 Nov 05 j 01:57	22°♏21'45		
asc. node	-34 Nov 06 j 22:35	20°♏33'18		
inferior conj	-34 Nov 10 j 10:13	16°♏02'57	1°10'44	
minimum elong	-34 Nov 10 j 08:39	16°♏08'22	1°10'05	
min. Earth dist.	-34 Nov 10 j 09:26	16°♏05'40	0.67651 AU	
morning rise	-34 Nov 15 j 15:12	9°♏50'53		
direct	-34 Nov 20 j 07:18	7°♏54'46		
morning max el	-34 Nov 29 j 19:40	13°♏32'45	22°23'02	
	-34 Dec 12 j 23:18	0°♐		
desc. node	-34 Dec 16 j 14:46	5°♐11'46		
	-33 Jan 01 j 18:43	0°♑		
morning set	-33 Jan 02 j 07:30	0°♑51'52		
max. Earth dist.	-33 Jan 07 j 14:48	9°♑39'19	1.40703 AU	
superior conj	-33 Jan 15 j 10:11	23°♑15'13	-2°00'51	
minimum elong	-33 Jan 15 j 11:34	23°♑21'22	2°00'49	
	-33 Jan 19 j 03:17	0°♒		
evening rise	-33 Jan 25 j 13:08	11°♒57'47		
asc. node	-33 Feb 02 j 21:55	27°♒08'49		
	-33 Feb 04 j 16:01	0°♓		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	-33 Feb 10 j 19:20	7°♓58'33	18°19'06
retrograde	-33 Feb 17 j 23:48	11°♓32'35	
evening set	-33 Feb 20 j 12:29	11°♓07'12	
inferior conj	-33 Feb 27 j 15:42	6°♓27'32	3°25'20
minimum elong	-33 Feb 27 j 18:49	6°♓20'54	3°24'51
min. Earth dist.	-33 Mar 03 j 01:48	3°♓34'32	0.59364 AU
morning rise	-33 Mar 06 j 22:50	0°♓52'40	
	-33 Mar 08 j 17:53	30°℞♒	
direct	-33 Mar 13 j 07:59	29°♒03'06	
desc. node	-33 Mar 14 j 13:56	29°♒07'13	
	-33 Mar 18 j 01:21	0°♓	
morning max el	-33 Mar 27 j 15:21	6°♓46'30	27°10'01
	-33 Apr 14 j 00:47	0°♈	
morning set	-33 Apr 27 j 08:19	24°♈56'53	
	-33 Apr 29 j 17:39	0°♉	
asc. node	-33 May 01 j 21:14	4°♉38'40	
superior conj	-33 May 04 j 10:45	10°♉15'22	0°26'51
minimum elong	-33 May 04 j 09:34	10°♉08'55	0°26'36
max. Earth dist.	-33 May 04 j 01:58	9°♉27'11	1.32327 AU
evening rise	-33 May 11 j 08:25	25°♉13'10	
	-33 May 13 j 15:45	0°♊	
	-33 May 31 j 04:22	0°♋	
evening max el	-33 Jun 08 j 23:21	10°♋14'56	26°08'26
desc. node	-33 Jun 10 j 13:15	11°♋41'18	
retrograde	-33 Jun 23 j 00:15	17°♋27'49	
evening set	-33 Jun 29 j 07:03	15°♋51'13	
min. Earth dist.	-33 Jul 03 j 12:11	13°♋12'53	0.59163 AU
inferior conj	-33 Jul 06 j 20:05	10°♋41'40	-4°44'34
minimum elong	-33 Jul 06 j 21:00	10°♋39'55	4°44'33
morning rise	-33 Jul 14 j 13:10	6°♋12'23	
direct	-33 Jul 17 j 01:11	5°♋50'59	
morning max el	-33 Jul 24 j 21:56	9°♋36'48	18°27'55
asc. node	-33 Jul 28 j 20:28	14°♋11'21	
	-33 Aug 07 j 06:30	0°♌	
morning set	-33 Aug 10 j 00:57	5°♌16'42	
superior conj	-33 Aug 19 j 01:39	22°♌27'12	1°40'58
minimum elong	-33 Aug 19 j 04:08	22°♌38'41	1°40'50
	-33 Aug 23 j 05:07	0°♍	
max. Earth dist.	-33 Aug 26 j 10:56	5°♍42'29	1.40173 AU
evening rise	-33 Aug 30 j 19:57	13°♍08'43	
desc. node	-33 Sep 06 j 12:35	23°♍58'12	
	-33 Sep 10 j 10:15	0°♎	
	-33 Oct 02 j 16:18	0°♏	
evening max el	-33 Oct 04 j 15:05	2°♏02'09	23°37'40
retrograde	-33 Oct 15 j 06:25	8°♏18'44	
evening set	-33 Oct 20 j 08:19	6°♏12'00	
asc. node	-33 Oct 24 j 19:39	1°♏03'43	
inferior conj	-33 Oct 25 j 17:13	29°♎50'16	0°18'36
minimum elong	-33 Oct 25 j 16:47	29°♎51'47	0°18'23
min. Earth dist.	-33 Oct 25 j 06:02	0°♏28'28	0.67612 AU
	-33 Oct 25 j 14:22	30°℞♎	
morning rise	-33 Oct 31 j 01:10	23°♎42'18	
direct	-33 Nov 04 j 03:16	22°♎08'26	
morning max el	-33 Nov 12 j 12:38	27°♎02'00	21°01'57
	-33 Nov 15 j 05:43	0°♏	
desc. node	-33 Dec 03 j 11:49	25°♏23'29	
	-33 Dec 06 j 12:53	0°♐	
morning set	-33 Dec 12 j 14:55	9°♐23'45	
max. Earth dist.	-33 Dec 20 j 18:27	22°♐24'17	1.42622 AU
	-33 Dec 25 j 08:45	0°♑	
superior conj	-33 Dec 27 j 19:36	4°♑08'14	-1°59'05
minimum elong	-33 Dec 27 j 16:45	3°♑56'07	1°58'59
evening rise	-32 Jan 08 j 09:52	24°♑28'29	
	-32 Jan 11 j 11:53	0°♒	
asc. node	-32 Jan 20 j 18:58	15°♒30'21	
evening max el	-32 Jan 25 j 06:11	21°♒01'41	18°07'43
retrograde	-32 Jan 31 j 21:21	24°♒26'45	
evening set	-32 Feb 03 j 14:35	23°♒52'17	
inferior conj	-32 Feb 10 j 03:40	18°♒51'12	3°48'11
minimum elong	-32 Feb 10 j 04:32	18°♒49'06	3°48'08
min. Earth dist.	-32 Feb 13 j 05:23	15°♒52'00	0.61462 AU
morning rise	-32 Feb 16 j 17:06	12°♒59'51	
direct	-32 Feb 23 j 14:37	10°♒36'28	
desc. node	-32 Feb 29 j 10:58	12°♒08'10	
morning max el	-32 Mar 08 j 17:42	18°♒26'44	27°44'13
	-32 Mar 18 j 11:20	0°♓	
	-32 Apr 05 j 18:16	0°♈	
morning set	-32 Apr 10 j 13:35	9°♈31'30	
max. Earth dist.	-32 Apr 16 j 13:19	22°♈12'17	1.32506 AU
superior conj	-32 Apr 17 j 21:30	25°♈07'22	0°01'26
minimum elong	-32 Apr 17 j 21:26	25°♈07'01	0°01'25
behind sun begin	-32 Apr 17 j 16:22	24°♈39'21	
behind sun end	-32 Apr 18 j 02:30	25°♈34'42	
asc. node	-32 Apr 17 j 18:17	24°♈49'52	
	-32 Apr 20 j 03:04	0°♉	
evening rise	-32 Apr 24 j 19:46	10°♉08'13	
	-32 May 05 j 01:30	0°♊	
evening max el	-32 May 20 j 16:16	21°♊13'34	24°47'35
desc. node	-32 May 27 j 10:15	26°♊19'33	
retrograde	-32 Jun 03 j 15:26	28°♊18'15	
evening set	-32 Jun 08 j 16:46	27°♊20'14	
min. Earth dist.	-32 Jun 14 j 03:43	24°♊28'52	0.57225 AU
inferior conj	-32 Jun 17 j 02:03	22°♊33'29	-4°33'04
minimum elong	-32 Jun 16 j 22:19	22°♊39'38	4°32'40
morning rise	-32 Jun 25 j 06:39	18°♊25'21	
direct	-32 Jun 27 j 20:46	18°♊06'19	
morning max el	-32 Jul 06 j 22:31	22°♊19'56	19°16'04
	-32 Jul 13 j 04:21	0°♋	
asc. node	-32 Jul 14 j 17:32	2°♋24'53	
morning set	-32 Jul 23 j 23:55	19°♋32'28	
	-32 Jul 29 j 05:47	0°♌	
superior conj	-32 Aug 01 j 04:53	5°♌49'18	1°47'02
minimum elong	-32 Aug 01 j 05:15	5°♌51'08	1°47'02
max. Earth dist.	-32 Aug 07 j 14:15	17°♌53'18	1.38158 AU
evening rise	-32 Aug 11 j 09:18	24°♌41'05	
	-32 Aug 14 j 11:13	0°♍	
desc. node	-32 Aug 23 j 09:37	14°♍27'12	
	-32 Sep 03 j 02:31	0°♎	
evening max el	-32 Sep 16 j 02:56	15°♎37'11	24°55'43
retrograde	-32 Sep 27 j 19:08	22°♎24'05	
evening set	-32 Oct 03 j 11:38	20°♎00'01	
min. Earth dist.	-32 Oct 08 j 00:45	14°♎51'03	0.67253 AU
inferior conj	-32 Oct 08 j 22:33	13°♎39'08	-0°36'22
minimum elong	-32 Oct 08 j 23:27	13°♎36'09	0°35'58
asc. node	-32 Oct 10 j 16:43	11°♎23'18	
morning rise	-32 Oct 14 j 11:22	7°♎37'55	
direct	-32 Oct 18 j 01:10	6°♎24'13	
morning max el	-32 Oct 25 j 13:18	10°♎41'51	19°52'28
	-32 Nov 08 j 23:25	0°♏	
desc. node	-32 Nov 19 j 08:51	15°♏49'54	
morning set	-32 Nov 20 j 11:22	17°♏32'16	
	-32 Nov 28 j 11:10	0°♐	
max. Earth dist.	-32 Dec 02 j 05:45	5°♐58'33	1.44079 AU
superior conj	-32 Dec 07 j 02:07	13°♐46'03	-1°40'17
minimum elong	-32 Dec 06 j 18:43	13°♐16'02	1°39'41
	-32 Dec 16 j 21:30	0°♑	
evening rise	-32 Dec 20 j 12:09	6°♑07'40	
	-31 Jan 04 j 04:47	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	-31 Jan 06 j 16:00	3°♒05'42		
evening max el	-31 Jan 07 j 18:39	4°♒17'18	18°15'32	
retrograde	-31 Jan 14 j 06:22	7°♒46'37		
evening set	-31 Jan 17 j 04:04	7°♒02'15		
inferior conj	-31 Jan 23 j 06:32	1°♒41'11	3°47'49	
minimum elong	-31 Jan 23 j 05:27	1°♒44'11	3°47'45	
	-31 Jan 24 j 19:07	30°℞♑		
min. Earth dist.	-31 Jan 25 j 18:14	28°♑57'21	0.63388 AU	
morning rise	-31 Jan 29 j 06:05	25°♑39'31		
direct	-31 Feb 05 j 05:38	22°♑54'18		
desc. node	-31 Feb 15 j 08:00	27°♑24'34		
	-31 Feb 18 j 06:14	0°♒		
morning max el	-31 Feb 19 j 01:05	0°♒46'02	27°41'23	
	-31 Mar 12 j 13:04	0°♓		
morning set	-31 Mar 25 j 12:24	23°♓42'57		
	-31 Mar 28 j 14:29	0°♈		
max. Earth dist.	-31 Mar 30 j 19:05	4°♈35'19	1.33071 AU	
superior conj	-31 Apr 02 j 05:25	9°♈46'17	-0°25'15	
minimum elong	-31 Apr 02 j 06:37	9°♈52'47	0°24'59	
asc. node	-31 Apr 04 j 15:20	14°♈58'28		
evening rise	-31 Apr 09 j 07:31	24°♈59'47		
	-31 Apr 11 j 17:17	0°♉		
	-31 Apr 30 j 12:18	0°♊		
evening max el	-31 May 02 j 06:42	1°♊48'07	23°13'21	
desc. node	-31 May 14 j 07:14	8°♊26'41		
retrograde	-31 May 15 j 18:27	8°♊31'34		
evening set	-31 May 19 j 08:52	8°♊03'06		
min. Earth dist.	-31 May 26 j 16:28	4°♊45'00	0.55732 AU	
inferior conj	-31 May 28 j 12:12	3°♊40'55	-3°38'51	
minimum elong	-31 May 28 j 05:04	3°♊51'24	3°37'09	
	-31 Jun 05 j 05:42	30°℞♉		
morning rise	-31 Jun 06 j 03:58	29°♉46'13		
direct	-31 Jun 08 j 21:03	29°♉28'28		
	-31 Jun 12 j 09:17	0°♊		
morning max el	-31 Jun 19 j 12:44	4°♊24'11	20°25'09	
asc. node	-31 Jul 01 j 14:34	21°♊16'56		
	-31 Jul 06 j 04:01	0°♋		
morning set	-31 Jul 08 j 05:10	4°♋08'14		
superior conj	-31 Jul 15 j 20:43	19°♋50'22	1°44'34	
minimum elong	-31 Jul 15 j 19:30	19°♋44'12	1°44'30	
	-31 Jul 20 j 23:48	0°♌		
max. Earth dist.	-31 Jul 20 j 20:18	29°♋43'03	1.36288 AU	
evening rise	-31 Jul 24 j 20:22	7°♌16'54		
	-31 Aug 07 j 05:11	0°♍		
desc. node	-31 Aug 10 j 06:37	4°♍40'41		
evening max el	-31 Aug 29 j 14:23	29°♍13'55	26°04'23	
	-31 Aug 30 j 09:42	0°♎		
retrograde	-31 Sep 11 j 03:15	6°♎21'40		
evening set	-31 Sep 17 j 10:04	3°♎43'40		
	-31 Sep 20 j 23:17	30°℞♍		
min. Earth dist.	-31 Sep 21 j 15:19	29°♍11'02	0.66557 AU	
inferior conj	-31 Sep 23 j 00:26	27°♍27'34	-1°32'32	
minimum elong	-31 Sep 23 j 02:47	27°♍20'13	1°31'33	
asc. node	-31 Sep 27 j 13:45	22°♍29'19		
morning rise	-31 Sep 28 j 19:51	21°♍35'52		
direct	-31 Oct 01 j 23:29	20°♍38'55		
morning max el	-31 Oct 08 j 21:09	24°♍30'45	18°57'37	
	-31 Oct 13 j 11:26	0°♎		
morning set	-31 Oct 30 j 21:43	26°♎29'03		
	-31 Nov 02 j 03:22	0°♏		
desc. node	-31 Nov 06 j 05:54	6°♏26'58		
max. Earth dist.	-31 Nov 14 j 22:05	20°♏04'22	1.44896 AU	
superior conj	-31 Nov 16 j 09:36	22°♏24'19	-1°03'27	
minimum elong	-31 Nov 16 j 02:04	21°♏54'35	1°02'33	
	-31 Nov 21 j 04:47	0°♐		
evening rise	-31 Dec 01 j 16:05	16°♐49'34		
	-31 Dec 09 j 18:51	0°♑		
evening max el	-31 Dec 22 j 06:12	17°♑40'36	18°41'41	
asc. node	-31 Dec 24 j 13:01	19°♑42'26		
retrograde	-31 Dec 28 j 22:43	21°♑25'00		
evening set	-30 Jan 01 j 01:42	20°♑29'40		
inferior conj	-30 Jan 06 j 20:31	14°♑50'48	3°30'47	
minimum elong	-30 Jan 06 j 18:13	14°♑57'45	3°30'25	
min. Earth dist.	-30 Jan 08 j 16:55	12°♑36'50	0.64996 AU	
morning rise	-30 Jan 12 j 10:20	8°♑42'51		
direct	-30 Jan 19 j 03:56	5°♑50'27		
morning max el	-30 Feb 01 j 10:41	13°♑34'41	27°04'34	
desc. node	-30 Feb 02 j 05:03	14°♑21'27		
	-30 Feb 14 j 18:22	0°♒		
	-30 Mar 05 j 04:00	0°♓		
morning set	-30 Mar 09 j 01:43	7°♓21'44		
max. Earth dist.	-30 Mar 13 j 15:16	16°♓24'56	1.34064 AU	
superior conj	-30 Mar 17 j 08:31	24°♓05'58	-0°52'04	
minimum elong	-30 Mar 17 j 11:01	24°♓19'02	0°51'35	
	-30 Mar 20 j 03:39	0°♈		
asc. node	-30 Mar 22 j 12:21	5°♈00'24		
evening rise	-30 Mar 24 j 17:52	9°♈41'48		
	-30 Apr 04 j 11:28	0°♉		
evening max el	-30 Apr 14 j 01:59	12°♉29'48	21°40'30	
retrograde	-30 Apr 26 j 10:39	18°♉31'39		
evening set	-30 Apr 28 j 22:48	18°♉17'30		
desc. node	-30 May 01 j 04:15	17°♉42'47		
inferior conj	-30 May 08 j 08:41	14°♉15'03	-2°01'14	
minimum elong	-30 May 08 j 03:11	14°♉22'46	1°59'23	
min. Earth dist.	-30 May 08 j 05:23	14°♉19'41	0.55016 AU	
morning rise	-30 May 17 j 08:27	10°♉17'34		
direct	-30 May 20 j 08:49	9°♉57'34		
morning max el	-30 Jun 01 j 15:55	15°♉45'41	21°52'38	
	-30 Jun 12 j 14:37	0°♊		
asc. node	-30 Jun 18 j 11:36	10°♊37'50		
morning set	-30 Jun 22 j 14:25	18°♊57'17		
	-30 Jun 27 j 20:13	0°♋		
superior conj	-30 Jun 29 j 21:17	4°♋18'22	1°35'24	
minimum elong	-30 Jun 29 j 19:07	4°♋07'02	1°35'12	
max. Earth dist.	-30 Jul 03 j 10:19	11°♋37'52	1.34740 AU	
evening rise	-30 Jul 08 j 00:17	20°♋42'55		
	-30 Jul 12 j 23:45	0°♌		
desc. node	-30 Jul 28 j 03:38	24°♌31'00		
	-30 Aug 01 j 02:44	0°♍		
evening max el	-30 Aug 12 j 02:15	12°♍45'52	26°55'57	
retrograde	-30 Aug 25 j 06:10	20°♍03'40		
evening set	-30 Sep 01 j 01:19	17°♍18'26		
min. Earth dist.	-30 Sep 04 j 23:23	13°♍22'50	0.65508 AU	
inferior conj	-30 Sep 06 j 20:49	11°♍11'06	-2°28'02	
minimum elong	-30 Sep 07 j 00:32	11°♍00'21	2°26'41	
morning rise	-30 Sep 13 j 00:21	5°♍31'57		
asc. node	-30 Sep 14 j 10:47	4°♍58'44		
direct	-30 Sep 15 j 20:15	4°♍48'00		
morning max el	-30 Sep 22 j 10:06	8°♍23'06	18°18'55	
	-30 Oct 07 j 07:36	0°♎		
morning set	-30 Oct 11 j 11:42	6°♎48'55		
desc. node	-30 Oct 24 j 02:56	27°♎10'22		
	-30 Oct 25 j 21:46	0°♏		
superior conj	-30 Oct 26 j 10:38	0°♏50'47	-0°15'14	
minimum elong	-30 Oct 26 j 08:38	0°♏42'55	0°14'58	
behind sun begin	-30 Oct 26 j 04:14	0°♏25'30		
behind sun end	-30 Oct 26 j 13:03	1°♏00'21		
max. Earth dist.	-30 Oct 28 j 16:32	4°♏23'17	1.44984 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening rise	-30 Nov 11 j 20:19	26°♏33'34	
	-30 Nov 14 j 01:07	0°♐	
greatest brilliancy	-30 Nov 23 j 01:56	14°♐02'15	-0.7m
	-30 Dec 04 j 13:27	0°♑	
evening max el	-30 Dec 05 j 14:36	1°♑07'46	19°24'53
asc. node	-30 Dec 11 j 10:02	5°♑05'49	
retrograde	-30 Dec 12 j 18:57	5°♑16'19	
evening set	-30 Dec 16 j 04:48	4°♑08'23	
	-30 Dec 20 j 09:08	30°℞♐	
inferior conj	-30 Dec 21 j 18:21	28°♐14'21	3°01'42
minimum elong	-30 Dec 21 j 15:34	28°♐23'21	3°01'00
min. Earth dist.	-30 Dec 23 j 00:14	26°♐37'43	0.66222 AU
morning rise	-30 Dec 27 j 02:04	22°♐02'44	
direct	-29 Jan 02 j 08:20	19°♐16'38	
morning max el	-29 Jan 14 j 19:58	26°♐40'03	26°01'07
	-29 Jan 17 j 22:41	0°♑	
desc. node	-29 Jan 20 j 02:07	2°♑29'53	
	-29 Feb 08 j 08:57	0°♒	
morning set	-29 Feb 20 j 01:27	20°♒15'30	
max. Earth dist.	-29 Feb 23 j 23:35	27°♒40'55	1.35517 AU
	-29 Feb 25 j 04:11	0°♓	
superior conj	-29 Mar 01 j 04:24	7°♓59'27	-1°17'35
minimum elong	-29 Mar 01 j 07:55	8°♓17'17	1°17'03
evening rise	-29 Mar 09 j 00:55	24°♓08'16	
asc. node	-29 Mar 09 j 09:22	24°♓51'27	
	-29 Mar 11 j 22:39	0°♈	
evening max el	-29 Mar 27 j 07:28	23°♈42'26	20°19'59
retrograde	-29 Apr 07 j 00:16	28°♈50'57	
evening set	-29 Apr 09 j 03:06	28°♈39'44	
inferior conj	-29 Apr 18 j 04:26	24°♈41'52	-0°02'16
minimum elong	-29 Apr 18 j 04:20	24°♈42'01	0°02'13
transit middle	-29 Apr 18 j 04:20	24°♈42'01	0°02'13
transit begin	-29 Apr 18 j 00:20	24°♈47'54	
transit end	-29 Apr 18 j 08:20	24°♈36'09	
desc. node	-29 Apr 18 j 01:17	24°♈46'31	
min. Earth dist.	-29 Apr 19 j 19:05	23°♈45'10	0.55254 AU
morning rise	-29 Apr 27 j 04:00	20°♈23'13	
direct	-29 Apr 30 j 21:25	19°♈53'01	
morning max el	-29 May 14 j 10:10	26°♈30'55	23°31'56
	-29 May 17 j 18:18	0°♉	
asc. node	-29 Jun 05 j 08:40	0°♊20'07	
	-29 Jun 05 j 04:44	0°♊	
morning set	-29 Jun 07 j 01:54	3°♊54'20	
superior conj	-29 Jun 14 j 03:44	19°♊04'29	1°21'00
minimum elong	-29 Jun 14 j 01:14	18°♊51'06	1°20'40
max. Earth dist.	-29 Jun 16 j 10:13	23°♊55'12	1.33580 AU
	-29 Jun 19 j 08:04	0°♋	
evening rise	-29 Jun 21 j 16:34	4°♋46'32	
	-29 Jul 05 j 16:13	0°♌	
desc. node	-29 Jul 15 j 00:38	13°♌48'25	
evening max el	-29 Jul 25 j 13:44	26°♌02'56	27°22'57
	-29 Jul 30 j 07:22	0°♍	
retrograde	-29 Aug 08 j 03:14	3°♍22'19	
evening set	-29 Aug 15 j 06:32	0°♍39'45	
	-29 Aug 16 j 02:29	30°℞♌	
min. Earth dist.	-29 Aug 18 j 22:50	27°♌19'09	0.64104 AU
inferior conj	-29 Aug 21 j 09:20	24°♌45'02	-3°20'14
minimum elong	-29 Aug 21 j 13:58	24°♌32'48	3°18'51
morning rise	-29 Aug 27 j 22:18	19°♌21'42	
direct	-29 Aug 30 j 12:59	18°♌47'14	
asc. node	-29 Sep 01 j 07:51	19°♌03'33	
morning max el	-29 Sep 06 j 01:35	22°♌13'46	17°57'22
	-29 Sep 12 j 02:06	0°♍	
morning set	-29 Sep 23 j 05:01	18°♍28'15	
	-29 Sep 30 j 00:12	0°♎	
superior conj	-29 Oct 06 j 02:44	10°♎04'44	0°32'01
minimum elong	-29 Oct 06 j 06:12	10°♎18'48	0°31'32
desc. node	-29 Oct 10 j 23:58	17°♎56'48	
max. Earth dist.	-29 Oct 11 j 10:26	18°♎38'28	1.44346 AU
	-29 Oct 18 j 15:49	0°♏	
evening rise	-29 Oct 22 j 06:54	5°♏36'53	
	-29 Nov 07 j 11:38	0°♐	
evening max el	-29 Nov 18 j 18:09	14°♐36'20	20°23'06
retrograde	-29 Nov 26 j 16:35	19°♐16'38	
asc. node	-29 Nov 28 j 07:05	19°♐01'59	
evening set	-29 Nov 30 j 11:10	17°♐54'09	
inferior conj	-29 Dec 05 j 21:23	11°♐47'47	2°23'41
minimum elong	-29 Dec 05 j 18:43	11°♐56'47	2°22'48
min. Earth dist.	-29 Dec 06 j 14:14	10°♐50'47	0.67060 AU
morning rise	-29 Dec 11 j 02:05	5°♐34'33	
direct	-29 Dec 16 j 18:03	3°♐04'26	
morning max el	-29 Dec 28 j 04:20	9°♐53'06	24°40'33
desc. node	-28 Jan 06 j 23:10	21°♐28'52	
	-28 Jan 13 j 03:11	0°♑	
	-28 Feb 01 j 00:50	0°♒	
morning set	-28 Feb 02 j 06:07	2°♒08'16	
max. Earth dist.	-28 Feb 05 j 22:01	8°♒42'54	1.37388 AU
superior conj	-28 Feb 12 j 13:52	21°♒17'19	-1°39'48
minimum elong	-28 Feb 12 j 17:43	21°♒36'03	1°39'23
	-28 Feb 16 j 23:53	0°♓	
evening rise	-28 Feb 21 j 02:23	8°♓12'08	
asc. node	-28 Feb 24 j 06:25	14°♓26'08	
	-28 Mar 04 j 08:20	0°♈	
evening max el	-28 Mar 09 j 00:06	5°♈32'29	19°17'16
retrograde	-28 Mar 18 j 00:37	9°♈52'47	
evening set	-28 Mar 20 j 05:20	9°♈38'29	
inferior conj	-28 Mar 28 j 13:02	5°♈29'24	1°44'33
minimum elong	-28 Mar 28 j 16:52	5°♈23'02	1°43'21
min. Earth dist.	-28 Mar 31 j 09:53	3°♈35'24	0.56396 AU
desc. node	-28 Apr 03 j 22:20	1°♈33'32	
morning rise	-28 Apr 06 j 01:34	0°♈38'35	
	-28 Apr 08 j 09:26	30°℞♓	
direct	-28 Apr 10 j 20:32	29°♓45'52	
	-28 Apr 13 j 07:37	0°♈	
morning max el	-28 Apr 25 j 00:42	6°♈59'49	25°11'09
	-28 May 11 j 20:18	0°♉	
morning set	-28 May 21 j 13:51	18°♉52'45	
asc. node	-28 May 22 j 05:43	20°♉16'37	
	-28 May 26 j 17:43	0°♊	
superior conj	-28 May 28 j 13:41	4°♊00'04	1°02'26
minimum elong	-28 May 28 j 11:23	3°♊47'30	1°02'03
max. Earth dist.	-28 May 29 j 17:52	6°♊33'27	1.32802 AU
evening rise	-28 Jun 04 j 17:28	19°♊15'14	
	-28 Jun 10 j 04:03	0°♋	
	-28 Jun 29 j 01:03	0°♌	
desc. node	-28 Jun 30 j 21:39	2°♌18'32	
evening max el	-28 Jul 06 j 22:21	8°♌50'44	27°19'43
retrograde	-28 Jul 20 j 17:42	16°♌08'18	
evening set	-28 Jul 27 j 22:03	13°♌41'01	
min. Earth dist.	-28 Jul 31 j 12:01	10°♌48'30	0.62353 AU
inferior conj	-28 Aug 03 j 10:58	8°♌02'04	-4°05'10
minimum elong	-28 Aug 03 j 15:35	7°♌51'13	4°04'13
morning rise	-28 Aug 10 j 10:26	2°♌58'06	
direct	-28 Aug 12 j 22:25	2°♌30'17	
asc. node	-28 Aug 18 j 04:56	4°♌36'55	
morning max el	-28 Aug 19 j 16:49	5°♌56'24	17°54'01
	-28 Sep 04 j 04:27	0°♍	
morning set	-28 Sep 04 j 20:00	1°♍09'48	
superior conj	-28 Sep 15 j 21:32	20°♍38'15	1°08'54

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-28 Sep 16 j 02:32	20°♍59'32	1°08'20
	-28 Sep 21 j 11:41	0°♎	
max. Earth dist.	-28 Sep 23 j 00:49	2°♎32'02	1.43061 AU
desc. node	-28 Sep 26 j 21:00	8°♎43'16	
evening rise	-28 Sep 30 j 15:05	14°♎38'27	
	-28 Oct 10 j 16:57	0°♏	
evening max el	-28 Oct 31 j 15:54	28°♏05'15	21°33'20
	-28 Nov 02 j 16:10	0°♐	
retrograde	-28 Nov 09 j 13:33	3°♐22'52	
evening set	-28 Nov 13 j 18:53	1°♐43'59	
asc. node	-28 Nov 14 j 04:09	1°♐24'53	
	-28 Nov 15 j 14:44	30°℞♏	
inferior conj	-28 Nov 19 j 03:26	25°♏28'35	1°38'55
minimum elong	-28 Nov 19 j 01:21	25°♏35'45	1°38'06
min. Earth dist.	-28 Nov 19 j 08:43	25°♏10'18	0.67533 AU
morning rise	-28 Nov 24 j 07:40	19°♏15'36	
direct	-28 Nov 29 j 08:18	17°♏06'44	
morning max el	-28 Dec 09 j 13:37	23°♏11'18	23°13'00
	-28 Dec 15 j 13:15	0°♐	
desc. node	-28 Dec 23 j 20:14	11°♐03'53	
	-27 Jan 05 j 12:45	0°♑	
morning set	-27 Jan 13 j 09:30	12°♑44'34	
max. Earth dist.	-27 Jan 17 j 17:27	20°♑07'16	1.39494 AU
	-27 Jan 23 j 06:51	0°♒	
superior conj	-27 Jan 25 j 08:47	3°♒49'04	-1°55'51
minimum elong	-27 Jan 25 j 11:38	4°♒02'16	1°55'42
evening rise	-27 Feb 03 j 19:31	21°♒46'34	
	-27 Feb 08 j 03:29	0°♓	
asc. node	-27 Feb 10 j 03:28	3°♓38'45	
evening max el	-27 Feb 20 j 02:06	17°♓57'17	18°34'27
retrograde	-27 Feb 27 j 19:29	21°♓43'54	
evening set	-27 Mar 02 j 05:08	21°♓23'13	
inferior conj	-27 Mar 09 j 18:01	16°♓55'15	2°58'39
minimum elong	-27 Mar 09 j 22:06	16°♓47'17	2°57'44
min. Earth dist.	-27 Mar 13 j 03:43	14°♓17'26	0.58182 AU
morning rise	-27 Mar 17 j 12:19	11°♓33'37	
desc. node	-27 Mar 21 j 19:23	10°♓12'44	
direct	-27 Mar 23 j 09:14	10°♓06'24	
morning max el	-27 Apr 06 j 17:45	17°♓42'19	26°34'40
	-27 Apr 16 j 22:41	0°♈	
	-27 May 04 j 04:49	0°♉	
morning set	-27 May 06 j 00:39	3°♉46'56	
asc. node	-27 May 09 j 02:47	10°♉22'21	
superior conj	-27 May 13 j 01:18	18°♉58'56	0°40'36
minimum elong	-27 May 12 j 23:37	18°♉49'40	0°40'16
max. Earth dist.	-27 May 13 j 05:50	19°♉23'49	1.32393 AU
	-27 May 18 j 02:49	0°♊	
evening rise	-27 May 20 j 00:10	3°♊59'55	
	-27 Jun 02 j 23:03	0°♋	
desc. node	-27 Jun 17 j 18:40	19°♋41'30	
evening max el	-27 Jun 19 j 01:25	20°♋57'09	26°43'26
retrograde	-27 Jul 03 j 00:50	28°♋12'39	
evening set	-27 Jul 09 j 19:22	26°♋14'09	
min. Earth dist.	-27 Jul 13 j 14:54	23°♋36'02	0.60348 AU
inferior conj	-27 Jul 16 j 22:16	20°♋53'11	-4°36'29
minimum elong	-27 Jul 17 j 01:10	20°♋47'13	4°36'12
morning rise	-27 Jul 24 j 08:53	16°♋11'19	
direct	-27 Jul 26 j 20:20	15°♋48'03	
morning max el	-27 Aug 03 j 04:48	19°♋23'20	18°09'51
asc. node	-27 Aug 05 j 02:01	21°♋24'19	
	-27 Aug 11 j 00:43	0°♌	
morning set	-27 Aug 19 j 02:47	14°♌36'54	
	-27 Aug 27 j 09:26	0°♍	
superior conj	-27 Aug 28 j 18:29	2°♍29'22	1°32'46
minimum elong	-27 Aug 28 j 22:11	2°♍46'01	1°32'28
max. Earth dist.	-27 Sep 05 j 09:28	15°♍46'54	1.41300 AU
evening rise	-27 Sep 10 j 14:08	24°♍22'22	
desc. node	-27 Sep 13 j 18:01	29°♍26'07	
	-27 Sep 14 j 02:36	0°♎	
	-27 Oct 04 j 15:16	0°♏	
evening max el	-27 Oct 14 j 08:12	11°♏34'53	22°51'23
retrograde	-27 Oct 24 j 08:19	17°♏31'24	
evening set	-27 Oct 29 j 02:13	15°♏34'52	
asc. node	-27 Nov 01 j 01:13	12°♏26'15	
inferior conj	-27 Nov 03 j 10:34	9°♏14'05	0°49'01
minimum elong	-27 Nov 03 j 09:27	9°♏17'58	0°48'33
min. Earth dist.	-27 Nov 03 j 05:15	9°♏32'29	0.67673 AU
morning rise	-27 Nov 08 j 16:35	3°♏03'32	
direct	-27 Nov 13 j 02:27	1°♏17'17	
morning max el	-27 Nov 22 j 02:58	6°♏35'53	21°47'22
	-27 Dec 09 j 23:49	0°♐	
desc. node	-27 Dec 10 j 17:16	1°♐04'08	
morning set	-27 Dec 24 j 07:39	21°♐56'28	
	-27 Dec 29 j 07:00	0°♑	
max. Earth dist.	-27 Dec 30 j 16:34	2°♑18'51	1.41562 AU
superior conj	-26 Jan 07 j 07:53	15°♑21'03	-2°01'55
minimum elong	-26 Jan 07 j 07:42	15°♑20'14	2°01'55
	-26 Jan 15 j 11:24	0°♒	
evening rise	-26 Jan 18 j 00:48	4°♒42'33	
asc. node	-26 Jan 28 j 00:31	22°♒21'24	
	-26 Feb 02 j 15:40	0°♓	
evening max el	-26 Feb 03 j 10:33	0°♓48'35	18°11'49
retrograde	-26 Feb 10 j 08:15	4°♓17'22	
evening set	-26 Feb 12 j 22:47	3°♓48'23	
	-26 Feb 18 j 16:29	30°℞♒	
inferior conj	-26 Feb 19 j 19:34	28°♒59'35	3°38'19
minimum elong	-26 Feb 19 j 21:44	28°♒54'40	3°38'05
min. Earth dist.	-26 Feb 23 j 03:10	26°♒00'41	0.60261 AU
morning rise	-26 Feb 26 j 18:42	23°♒16'21	
direct	-26 Mar 05 j 10:17	21°♒11'15	
desc. node	-26 Mar 08 j 16:25	21°♒39'35	
morning max el	-26 Mar 19 j 16:39	28°♒59'11	27°29'06
	-26 Mar 20 j 16:48	0°♓	
	-26 Apr 10 j 17:59	0°♈	
morning set	-26 Apr 20 j 08:29	18°♈30'49	
asc. node	-26 Apr 25 j 23:50	0°♉32'55	
	-26 Apr 25 j 17:48	0°♉	
max. Earth dist.	-26 Apr 26 j 18:21	2°♉14'05	1.32349 AU
superior conj	-26 Apr 27 j 12:50	3°♉55'17	0°16'16
minimum elong	-26 Apr 27 j 12:06	3°♉51'17	0°16'07
evening rise	-26 May 04 j 10:21	18°♉53'08	
	-26 May 09 j 21:49	0°♊	
	-26 May 29 j 15:07	0°♋	
evening max el	-26 May 31 j 21:41	2°♋18'40	25°36'38
desc. node	-26 Jun 04 j 15:41	5°♋30'07	
retrograde	-26 Jun 14 j 22:56	9°♋30'01	
evening set	-26 Jun 20 j 18:26	8°♋09'59	
min. Earth dist.	-26 Jun 25 j 09:53	5°♋28'01	0.58294 AU
inferior conj	-26 Jun 28 j 15:44	3°♋09'25	-4°44'18
minimum elong	-26 Jun 28 j 14:48	3°♋11'06	4°44'16
	-26 Jul 03 j 14:12	30°℞♊	
morning rise	-26 Jul 06 j 13:44	28°♊49'53	
direct	-26 Jul 09 j 02:20	28°♊29'46	
	-26 Jul 14 j 06:19	0°♋	
morning max el	-26 Jul 17 j 10:28	2°♋25'53	18°45'55
asc. node	-26 Jul 22 j 23:04	9°♋10'41	
morning set	-26 Aug 02 j 20:53	28°♋37'52	
	-26 Aug 03 j 13:42	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-26 Aug 11 j 12:19	15°♌23'17	1°44'43
minimum elong	-26 Aug 11 j 13:52	15°♌30'37	1°44'39
max. Earth dist.	-26 Aug 18 j 13:10	28°♌17'20	1.39304 AU
	-26 Aug 19 j 12:28	0°♍	
evening rise	-26 Aug 22 j 13:21	5°♍14'57	
desc. node	-26 Aug 31 j 15:03	20°♍01'51	
	-26 Sep 07 j 05:10	0°♎	
evening max el	-26 Sep 26 j 21:00	25°♎08'09	24°11'29
	-26 Oct 02 j 20:09	0°♏	
retrograde	-26 Oct 07 j 23:35	1°♏39'23	
	-26 Oct 12 j 14:01	30°℞♎	
evening set	-26 Oct 13 j 07:31	29°♎25'09	
min. Earth dist.	-26 Oct 18 j 01:27	23°♎55'51	0.67498 AU
inferior conj	-26 Oct 18 j 17:06	23°♎03'02	-0°04'28
minimum elong	-26 Oct 18 j 17:12	23°♎02'40	0°04'25
transit middle	-26 Oct 18 j 17:12	23°♎02'40	0°04'25
transit begin	-26 Oct 18 j 14:34	23°♎11'33	
transit end	-26 Oct 18 j 19:49	22°♎53'48	
asc. node	-26 Oct 18 j 22:16	22°♎45'35	
morning rise	-26 Oct 24 j 02:53	16°♎57'23	
direct	-26 Oct 27 j 23:26	15°♎32'30	
morning max el	-26 Nov 04 j 23:08	20°♎10'04	20°30'38
	-26 Nov 12 j 23:59	0°♏	
desc. node	-26 Nov 27 j 14:18	21°♏22'54	
morning set	-26 Dec 03 j 07:25	0°♐09'41	
	-26 Dec 03 j 04:56	0°♐	
max. Earth dist.	-26 Dec 12 j 22:56	15°♐24'03	1.43315 AU
superior conj	-26 Dec 19 j 06:03	25°♐42'24	-1°53'23
minimum elong	-26 Dec 19 j 01:05	25°♐21'42	1°53'06
	-26 Dec 21 j 19:35	0°♑	
evening rise	-26 Dec 31 j 14:11	16°♑52'08	
	-25 Jan 08 j 03:19	0°♒	
asc. node	-25 Jan 14 j 21:33	10°♒24'55	
evening max el	-25 Jan 17 j 22:27	13°♒58'05	18°08'46
retrograde	-25 Jan 24 j 11:04	17°♒23'20	
evening set	-25 Jan 27 j 06:07	16°♒44'51	
inferior conj	-25 Feb 02 j 14:20	11°♒35'23	3°50'22
minimum elong	-25 Feb 02 j 14:17	11°♒35'30	3°50'23
min. Earth dist.	-25 Feb 05 j 10:38	8°♒40'07	0.62319 AU
morning rise	-25 Feb 08 j 21:20	5°♒39'02	
direct	-25 Feb 15 j 21:03	3°♒04'11	
desc. node	-25 Feb 23 j 13:27	5°♒42'28	
morning max el	-25 Mar 01 j 21:15	10°♒56'27	27°47'22
	-25 Mar 16 j 20:50	0°♓	
	-25 Apr 03 j 00:08	0°♈	
morning set	-25 Apr 04 j 11:16	2°♈56'34	
max. Earth dist.	-25 Apr 10 j 03:33	14°♈50'19	1.32690 AU
superior conj	-25 Apr 11 j 22:35	18°♈42'41	-0°09'49
minimum elong	-25 Apr 11 j 23:02	18°♈45'12	0°09'43
behind sun begin	-25 Apr 11 j 18:56	18°♈22'55	
behind sun end	-25 Apr 12 j 03:09	19°♈07'30	
asc. node	-25 Apr 12 j 20:51	20°♈43'37	
	-25 Apr 17 j 03:25	0°♉	
evening rise	-25 Apr 18 j 22:03	3°♉47'27	
	-25 May 03 j 02:09	0°♊	
evening max el	-25 May 13 j 12:54	13°♊04'20	24°08'23
desc. node	-25 May 22 j 12:42	19°♊08'30	
retrograde	-25 May 27 j 09:12	20°♊02'11	
evening set	-25 May 31 j 19:17	19°♊18'48	
min. Earth dist.	-25 Jun 07 j 00:09	16°♊17'18	0.56506 AU
inferior conj	-25 Jun 09 j 13:02	14°♊42'29	-4°15'48
minimum elong	-25 Jun 09 j 07:27	14°♊51'13	4°14'53
morning rise	-25 Jun 17 j 22:27	10°♊41'09	
direct	-25 Jun 20 j 13:31	10°♊22'54	
morning max el	-25 Jun 30 j 06:50	14°♊53'25	19°42'59
asc. node	-25 Jul 09 j 20:06	27°♊41'55	
	-25 Jul 11 j 03:46	0°♋	
morning set	-25 Jul 17 j 22:48	13°♋02'52	
superior conj	-25 Jul 25 j 21:24	29°♋03'12	1°46'55
minimum elong	-25 Jul 25 j 21:02	29°♋01'21	1°46'54
	-25 Jul 26 j 08:53	0°♌	
max. Earth dist.	-25 Jul 31 j 16:40	10°♌15'03	1.37330 AU
evening rise	-25 Aug 04 j 12:31	17°♌15'56	
	-25 Aug 11 j 22:21	0°♍	
desc. node	-25 Aug 18 j 12:04	10°♍25'02	
	-25 Sep 01 j 13:36	0°♎	
evening max el	-25 Sep 09 j 08:38	8°♎45'01	25°26'37
retrograde	-25 Sep 21 j 10:24	15°♎41'56	
evening set	-25 Sep 27 j 08:59	13°♎11'42	
min. Earth dist.	-25 Oct 01 j 18:47	8°♎17'44	0.66997 AU
inferior conj	-25 Oct 02 j 21:12	6°♎52'23	-1°00'07
minimum elong	-25 Oct 02 j 22:42	6°♎47'30	0°59'28
asc. node	-25 Oct 05 j 19:17	3°♎18'52	
morning rise	-25 Oct 08 j 12:35	0°♎54'35	
	-25 Oct 10 j 11:32	30°℞♍	
direct	-25 Oct 11 j 21:50	29°♍48'18	
	-25 Oct 13 j 08:53	0°♎	
morning max el	-25 Oct 19 j 02:54	3°♎53'49	19°27'11
	-25 Nov 06 j 18:49	0°♏	
morning set	-25 Nov 12 j 07:06	8°♏31'40	
desc. node	-25 Nov 14 j 11:21	11°♏54'40	
max. Earth dist.	-25 Nov 25 j 12:42	29°♏14'23	1.44517 AU
	-25 Nov 26 j 00:13	0°♐	
superior conj	-25 Nov 29 j 01:45	4°♐52'25	-1°26'42
minimum elong	-25 Nov 28 j 17:28	4°♐19'24	1°25'53
evening rise	-25 Dec 13 j 07:22	28°♐08'00	
	-25 Dec 14 j 10:11	0°♑	
evening max el	-24 Jan 01 j 10:56	27°♑18'48	18°24'30
asc. node	-24 Jan 01 j 18:34	27°♑37'50	
	-24 Jan 04 j 20:04	0°♒	
retrograde	-24 Jan 07 j 23:35	0°♒52'52	
evening set	-24 Jan 10 j 23:29	0°♒03'53	
	-24 Jan 11 j 02:19	30°℞♑	
inferior conj	-24 Jan 16 j 22:23	24°♑35'05	3°42'17
minimum elong	-24 Jan 16 j 20:41	24°♑39'57	3°42'06
min. Earth dist.	-24 Jan 19 j 03:36	22°♑02'43	0.64125 AU
morning rise	-24 Jan 22 j 17:21	18°♑30'40	
direct	-24 Jan 29 j 15:21	15°♑40'33	
desc. node	-24 Feb 10 j 10:29	21°♑46'19	
morning max el	-24 Feb 12 j 05:43	23°♑29'41	27°29'26
	-24 Feb 18 j 01:44	0°♒	
	-24 Mar 09 j 03:43	0°♓	
morning set	-24 Mar 18 j 06:28	16°♓55'54	
max. Earth dist.	-24 Mar 23 j 05:41	27°♓00'45	1.33443 AU
	-24 Mar 24 j 15:54	0°♈	
superior conj	-24 Mar 26 j 04:44	3°♈15'02	-0°36'40
minimum elong	-24 Mar 26 j 06:30	3°♈24'26	0°36'18
asc. node	-24 Mar 29 j 17:53	10°♈50'33	
evening rise	-24 Apr 02 j 09:28	18°♈36'33	
	-24 Apr 08 j 00:59	0°♉	
evening max el	-24 Apr 24 j 04:41	23°♉39'07	22°32'55
	-24 May 05 j 14:22	0°♊	
retrograde	-24 May 07 j 06:34	0°♊06'23	
desc. node	-24 May 08 j 09:41	0°♊03'32	
	-24 May 08 j 23:13	30°℞♉	
evening set	-24 May 10 j 08:08	29°♉45'46	
min. Earth dist.	-24 May 18 j 12:38	26°♉12'53	0.55324 AU
inferior conj	-24 May 19 j 16:11	25°♉33'42	-3°01'59
minimum elong	-24 May 19 j 09:02	25°♉43'53	2°59'56

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	-24 May 28 j 11:59	21°♉40'05	
direct	-24 May 31 j 07:38	21°♉21'48	
morning max el	-24 Jun 11 j 16:09	26°♉38'58	21°00'21
	-24 Jun 14 j 20:41	0°♊	
asc. node	-24 Jun 25 j 17:08	16°♊47'26	
morning set	-24 Jul 01 j 06:00	27°♊45'05	
	-24 Jul 02 j 08:07	0°♋	
superior conj	-24 Jul 08 j 17:20	13°♋16'38	1°41'23
minimum elong	-24 Jul 08 j 15:38	13°♋07'54	1°41'17
max. Earth dist.	-24 Jul 13 j 02:00	22°♋05'26	1.35589 AU
evening rise	-24 Jul 17 j 07:20	0°♌14'34	
	-24 Jul 17 j 04:15	0°♌	
desc. node	-24 Aug 04 j 09:04	0°♍29'34	
	-24 Aug 04 j 01:04	0°♍	
evening max el	-24 Aug 21 j 20:27	22°♍21'08	26°28'56
retrograde	-24 Sep 03 j 16:08	29°♍33'27	
evening set	-24 Sep 10 j 04:38	26°♍51'32	
min. Earth dist.	-24 Sep 14 j 06:49	22°♍34'43	0.66156 AU
inferior conj	-24 Sep 15 j 21:00	20°♍38'59	-1°56'16
minimum elong	-24 Sep 15 j 23:57	20°♍30'01	1°55'07
morning rise	-24 Sep 21 j 19:39	14°♍52'12	
asc. node	-24 Sep 21 j 16:20	14°♍56'59	
direct	-24 Sep 24 j 19:49	14°♍01'04	
morning max el	-24 Oct 01 j 13:10	17°♍44'22	18°39'09
	-24 Oct 10 j 18:21	0°♎	
morning set	-24 Oct 22 j 04:33	18°♎02'39	
	-24 Oct 29 j 17:11	0°♏	
desc. node	-24 Oct 31 j 08:24	2°♏34'51	
superior conj	-24 Nov 07 j 03:43	13°♏17'42	-0°43'41
minimum elong	-24 Nov 06 j 22:05	12°♏55'33	0°42'58
max. Earth dist.	-24 Nov 07 j 06:57	13°♏30'25	1.45025 AU
	-24 Nov 17 j 18:01	0°♐	
evening rise	-24 Nov 23 j 01:06	8°♐25'02	
greatest brilliancy	-24 Nov 30 j 23:53	21°♐05'36	-0.8m
	-24 Dec 06 j 17:37	0°♑	
evening max el	-24 Dec 14 j 21:26	10°♑44'33	18°58'02
asc. node	-24 Dec 18 j 15:36	13°♑45'45	
retrograde	-24 Dec 21 j 18:01	14°♑38'01	
evening set	-24 Dec 24 j 23:47	13°♑37'21	
inferior conj	-24 Dec 30 j 16:04	7°♑51'30	3°19'43
minimum elong	-24 Dec 30 j 13:29	7°♑59'34	3°19'11
min. Earth dist.	-23 Jan 01 j 06:01	5°♑53'14	0.65567 AU
morning rise	-23 Jan 05 j 02:55	1°♑41'51	
	-23 Jan 07 j 11:19	30°℞♐	
direct	-23 Jan 11 j 16:09	28°♐51'04	
	-23 Jan 16 j 05:57	0°♑	
morning max el	-23 Jan 24 j 15:30	6°♑27'27	26°40'21
desc. node	-23 Jan 27 j 07:33	9°♑16'58	
	-23 Feb 11 j 20:15	0°♒	
	-23 Mar 01 j 10:56	0°♓	
morning set	-23 Mar 01 j 14:35	0°♓17'18	
max. Earth dist.	-23 Mar 05 j 21:15	8°♓36'52	1.34637 AU
superior conj	-23 Mar 10 j 05:06	17°♓24'40	-1°03'09
minimum elong	-23 Mar 10 j 08:05	17°♓40'06	1°02'37
	-23 Mar 16 j 05:35	0°♈	
asc. node	-23 Mar 16 j 14:54	0°♈48'43	
evening rise	-23 Mar 17 j 18:42	3°♈13'12	
	-23 Apr 02 j 02:52	0°♉	
evening max el	-23 Apr 06 j 03:46	4°♉31'22	21°04'08
retrograde	-23 Apr 17 j 20:11	10°♉11'12	
evening set	-23 Apr 20 j 02:35	9°♉59'10	
desc. node	-23 Apr 25 j 06:42	8°♉13'47	
inferior conj	-23 Apr 29 j 10:26	6°♉00'27	-1°11'19
minimum elong	-23 Apr 29 j 07:04	6°♉05'13	1°10'06
min. Earth dist.	-23 Apr 30 j 01:27	5°♉39'14	0.55005 AU
morning rise	-23 May 08 j 11:29	1°♉56'28	
direct	-23 May 11 j 17:45	1°♉33'29	
morning max el	-23 May 24 j 15:02	7°♉43'07	22°34'07
	-23 Jun 09 j 07:52	0°♊	
asc. node	-23 Jun 12 j 14:12	6°♊18'23	
morning set	-23 Jun 15 j 16:26	12°♊38'26	
superior conj	-23 Jun 22 j 20:43	27°♊53'25	1°29'51
minimum elong	-23 Jun 22 j 18:21	27°♊40'51	1°29'36
	-23 Jun 23 j 20:41	0°♋	
max. Earth dist.	-23 Jun 25 j 20:25	4°♋09'27	1.34197 AU
evening rise	-23 Jun 30 j 16:59	13°♋57'48	
	-23 Jul 09 j 09:30	0°♌	
desc. node	-23 Jul 22 j 06:04	20°♌07'27	
	-23 Jul 29 j 22:03	0°♍	
evening max el	-23 Aug 04 j 08:14	5°♍47'55	27°10'49
retrograde	-23 Aug 17 j 16:32	13°♍07'06	
evening set	-23 Aug 24 j 16:02	10°♍21'18	
min. Earth dist.	-23 Aug 28 j 11:18	6°♍41'27	0.64952 AU
inferior conj	-23 Aug 30 j 14:21	4°♍19'08	-2°50'47
minimum elong	-23 Aug 30 j 18:32	4°♍07'28	2°49'22
	-23 Sep 03 j 23:10	30°℞♌	
morning rise	-23 Sep 05 j 21:46	28°♌46'36	
direct	-23 Sep 08 j 15:11	28°♌07'05	
asc. node	-23 Sep 08 j 13:24	28°♌07'07	
	-23 Sep 13 j 07:55	0°♍	
morning max el	-23 Sep 15 j 03:37	1°♍37'18	18°07'43
morning set	-23 Oct 03 j 06:43	28°♍58'22	
	-23 Oct 03 j 21:31	0°♎	
superior conj	-23 Oct 17 j 08:53	21°♎58'25	0°05'40
minimum elong	-23 Oct 17 j 09:35	22°♎01'13	0°05'33
behind sun begin	-23 Oct 16 j 23:23	21°♎20'29	
behind sun end	-23 Oct 17 j 19:48	22°♎41'53	
desc. node	-23 Oct 18 j 05:25	23°♎20'12	
max. Earth dist.	-23 Oct 21 j 01:47	27°♎51'03	1.44791 AU
	-23 Oct 22 j 10:30	0°♏	
evening rise	-23 Nov 02 j 20:37	17°♏48'58	
	-23 Nov 10 j 18:13	0°♐	
greatest brilliancy	-23 Nov 15 j 22:54	7°♐52'54	-0.7m
evening max el	-23 Nov 28 j 03:53	24°♐12'29	19°47'53
retrograde	-23 Dec 05 j 15:17	28°♐34'09	
asc. node	-23 Dec 05 j 12:39	28°♐34'05	
evening set	-23 Dec 09 j 04:35	27°♐20'12	
inferior conj	-23 Dec 14 j 16:28	21°♐20'17	2°46'34
minimum elong	-23 Dec 14 j 13:40	21°♐29'31	2°45'45
min. Earth dist.	-23 Dec 15 j 16:33	20°♐00'36	0.66620 AU
morning rise	-23 Dec 19 j 22:33	15°♐07'34	
direct	-23 Dec 25 j 22:48	12°♐27'34	
morning max el	-22 Jan 07 j 00:38	19°♐38'11	25°28'24
desc. node	-22 Jan 14 j 04:38	27°♐49'24	
	-22 Jan 15 j 21:32	0°♑	
	-22 Feb 04 j 22:55	0°♒	
morning set	-22 Feb 12 j 07:00	12°♒47'43	
max. Earth dist.	-22 Feb 16 j 01:05	19°♒44'36	1.36275 AU
	-22 Feb 21 j 08:05	0°♓	
superior conj	-22 Feb 21 j 21:00	1°♓04'12	-1°27'34
minimum elong	-22 Feb 22 j 00:47	1°♓23'03	1°27'02
evening rise	-22 Mar 01 j 23:42	17°♓31'11	
asc. node	-22 Mar 03 j 11:57	20°♓33'41	
	-22 Mar 08 j 09:42	0°♈	
evening max el	-22 Mar 19 j 13:59	15°♈59'35	19°50'48
retrograde	-22 Mar 29 j 13:18	20°♈46'41	
evening set	-22 Mar 31 j 15:52	20°♈34'48	
inferior conj	-22 Apr 09 j 10:18	16°♈33'28	0°46'17

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	-22 Apr 09 j 12:17	16°♈30'24	0°45'35
min. Earth dist.	-22 Apr 11 j 15:42	15°♈11'19	0.55642 AU
desc. node	-22 Apr 12 j 03:46	14°♈53'15	
morning rise	-22 Apr 18 j 06:22	12°♈01'22	
direct	-22 Apr 22 j 09:41	11°♈23'26	
morning max el	-22 May 06 j 07:10	18°♈19'05	24°15'06
	-22 May 15 j 22:31	0°♉	
asc. node	-22 May 30 j 11:15	26°♉07'28	
morning set	-22 May 31 j 04:18	27°♉36'52	
	-22 Jun 01 j 07:20	0°♊	
superior conj	-22 Jun 07 j 04:55	12°♊44'43	1°13'34
minimum elong	-22 Jun 07 j 02:27	12°♊31'20	1°13'12
max. Earth dist.	-22 Jun 08 j 23:45	16°♊35'24	1.33197 AU
evening rise	-22 Jun 14 j 13:19	28°♊13'16	
	-22 Jun 15 j 10:31	0°♋	
	-22 Jul 02 j 14:11	0°♌	
desc. node	-22 Jul 09 j 03:05	9°♌07'00	
evening max el	-22 Jul 17 j 18:34	18°♌53'24	27°25'32
retrograde	-22 Jul 31 j 11:09	26°♌13'13	
evening set	-22 Aug 07 j 15:57	23°♌35'11	
min. Earth dist.	-22 Aug 11 j 06:27	20°♌27'57	0.63389 AU
inferior conj	-22 Aug 13 j 22:36	17°♌46'40	-3°40'33
minimum elong	-22 Aug 14 j 03:24	17°♌34'36	3°39'18
morning rise	-22 Aug 20 j 15:59	12°♌31'28	
direct	-22 Aug 23 j 05:06	12°♌00'17	
asc. node	-22 Aug 26 j 10:29	12°♌51'03	
morning max el	-22 Aug 29 j 19:25	15°♌25'48	17°53'44
	-22 Sep 09 j 00:12	0°♍	
morning set	-22 Sep 15 j 09:58	11°♍05'57	
	-22 Sep 26 j 10:34	0°♎	
superior conj	-22 Sep 27 j 11:48	1°♎44'53	0°49'12
minimum elong	-22 Sep 27 j 16:23	2°♎03'54	0°48'37
max. Earth dist.	-22 Oct 03 j 17:59	11°♎57'12	1.43860 AU
desc. node	-22 Oct 05 j 02:27	14°♎07'03	
evening rise	-22 Oct 13 j 03:47	26°♎45'02	
	-22 Oct 15 j 06:28	0°♏	
	-22 Nov 04 j 19:01	0°♐	
evening max el	-22 Nov 11 j 04:56	7°♐40'45	20°51'45
retrograde	-22 Nov 19 j 12:57	12°♐36'58	
asc. node	-22 Nov 22 j 09:43	11°♐50'26	
evening set	-22 Nov 23 j 11:44	11°♐07'54	
inferior conj	-22 Nov 28 j 21:02	4°♐57'13	2°05'26
minimum elong	-22 Nov 28 j 18:34	5°♐05'39	2°04'33
min. Earth dist.	-22 Nov 29 j 08:53	4°♐16'41	0.67298 AU
	-22 Dec 02 j 18:19	30°℞♏	
morning rise	-22 Dec 04 j 01:13	28°♏43'34	
direct	-22 Dec 09 j 10:39	26°♏21'57	
	-22 Dec 17 j 05:54	0°♐	
morning max el	-22 Dec 20 j 09:04	2°♐53'27	24°03'35
desc. node	-21 Jan 01 j 01:42	17°♐05'13	
	-21 Jan 10 j 01:35	0°♑	
morning set	-21 Jan 25 j 01:45	24°♑10'30	
	-21 Jan 28 j 09:35	0°♒	
max. Earth dist.	-21 Jan 28 j 20:49	0°♒50'00	1.38262 AU
superior conj	-21 Feb 05 j 00:52	14°♒04'17	-1°47'34
minimum elong	-21 Feb 05 j 04:31	14°♒21'37	1°47'15
	-21 Feb 13 j 05:00	0°♓	
evening rise	-21 Feb 13 j 22:01	1°♓23'43	
asc. node	-21 Feb 18 j 09:01	10°♓00'12	
evening max el	-21 Mar 02 j 11:03	28°♓06'29	18°56'39
	-21 Mar 04 j 17:17	0°♈	
retrograde	-21 Mar 10 j 21:00	2°♈10'13	
evening set	-21 Mar 13 j 03:40	1°♈53'36	
	-21 Mar 17 j 13:28	30°℞♓	

inferior conj	-21 Mar 21 j 03:16	27°♓37'28	2°20'21
minimum elong	-21 Mar 21 j 07:36	27°♓29'44	2°19'09
min. Earth dist.	-21 Mar 24 j 07:54	25°♓22'13	0.57095 AU
morning rise	-21 Mar 29 j 08:31	22°♓32'29	
desc. node	-21 Mar 30 j 00:49	22°♓16'40	
direct	-21 Apr 03 j 15:08	21°♓25'54	
morning max el	-21 Apr 17 j 22:12	28°♓51'30	25°49'21
	-21 Apr 19 j 01:43	0°♈	
	-21 May 09 j 09:27	0°♉	
morning set	-21 May 15 j 16:00	12°♉34'55	
asc. node	-21 May 17 j 08:18	16°♉09'06	
superior conj	-21 May 22 j 15:51	27°♉43'30	0°53'33
minimum elong	-21 May 22 j 13:46	27°♉32'04	0°53'10
max. Earth dist.	-21 May 23 j 09:35	29°♉20'28	1.32584 AU
	-21 May 23 j 16:49	0°♊	
evening rise	-21 May 29 j 17:03	12°♊50'52	
	-21 Jun 07 j 13:35	0°♋	
desc. node	-21 Jun 26 j 00:06	27°♋12'04	
	-21 Jun 28 j 14:26	0°♌	
evening max el	-21 Jun 30 j 01:13	1°♌25'40	27°08'21
retrograde	-21 Jul 13 j 22:53	8°♌42'39	
evening set	-21 Jul 21 j 00:18	6°♌26'16	
min. Earth dist.	-21 Jul 24 j 15:25	3°♌41'34	0.61520 AU
inferior conj	-21 Jul 27 j 18:37	0°♌54'24	-4°20'41
minimum elong	-21 Jul 27 j 22:45	0°♌45'11	4°19'59
	-21 Jul 28 j 19:14	30°℞♋	
morning rise	-21 Aug 03 j 22:46	25°♋59'23	
direct	-21 Aug 06 j 10:08	25°♋33'49	
asc. node	-21 Aug 13 j 07:33	28°♋57'56	
morning max el	-21 Aug 13 j 09:38	29°♋02'59	17°58'16
	-21 Aug 14 j 07:47	0°♌	
morning set	-21 Aug 29 j 08:18	24°♌08'39	
	-21 Sep 01 j 13:10	0°♍	
superior conj	-21 Sep 08 j 18:10	12°♍52'28	1°20'36
minimum elong	-21 Sep 08 j 22:50	13°♍12'47	1°20'07
max. Earth dist.	-21 Sep 16 j 05:37	25°♍34'10	1.42359 AU
	-21 Sep 18 j 22:36	0°♎	
desc. node	-21 Sep 21 j 23:27	4°♎52'22	
evening rise	-21 Sep 22 j 16:29	5°♎59'52	
	-21 Oct 08 j 13:54	0°♏	
evening max el	-21 Oct 25 j 00:16	21°♏09'49	22°06'01
retrograde	-21 Nov 03 j 09:02	26°♏43'57	
evening set	-21 Nov 07 j 19:27	24°♏57'52	
asc. node	-21 Nov 09 j 06:47	23°♏35'12	
inferior conj	-21 Nov 13 j 03:45	18°♏39'56	1°18'16
minimum elong	-21 Nov 13 j 02:03	18°♏45'52	1°17'35
min. Earth dist.	-21 Nov 13 j 04:32	18°♏37'14	0.67632 AU
morning rise	-21 Nov 18 j 08:28	12°♏27'38	
direct	-21 Nov 23 j 02:48	10°♏28'05	
morning max el	-21 Dec 02 j 19:24	16°♏12'47	22°35'49
	-21 Dec 14 j 01:31	0°♐	
desc. node	-21 Dec 18 j 22:44	6°♐51'51	
	-20 Jan 03 j 03:05	0°♑	
morning set	-20 Jan 05 j 16:43	4°♑09'57	
max. Earth dist.	-20 Jan 10 j 16:42	12°♑30'35	1.40391 AU
superior conj	-20 Jan 18 j 12:03	26°♑12'24	-1°59'55
minimum elong	-20 Jan 18 j 13:53	26°♑20'43	1°59'53
	-20 Jan 20 j 14:01	0°♒	
evening rise	-20 Jan 28 j 10:31	14°♒42'29	
asc. node	-20 Feb 05 j 06:05	29°♒01'08	
	-20 Feb 05 j 19:59	0°♓	
evening max el	-20 Feb 13 j 16:16	10°♓44'08	18°22'28
retrograde	-20 Feb 20 j 23:38	14°♓20'53	
evening set	-20 Feb 23 j 11:37	13°♓56'42	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	-20 Mar 01 j 17:13	9°♓20'02	3°19'19
minimum elong	-20 Mar 01 j 20:37	9°♓12'56	3°18'43
min. Earth dist.	-20 Mar 05 j 03:36	6°♓30'19	0.59052 AU
morning rise	-20 Mar 09 j 03:14	3°♓48'26	
direct	-20 Mar 15 j 09:32	2°♓04'42	
desc. node	-20 Mar 15 j 21:53	2°♓05'24	
morning max el	-20 Mar 29 j 17:14	9°♓46'05	27°01'53
	-20 Apr 14 j 05:40	0°♈	
morning set	-20 Apr 29 j 01:44	27°♈25'35	
	-20 Apr 30 j 07:06	0°♉	
asc. node	-20 May 03 j 05:20	6°♉17'30	
superior conj	-20 May 06 j 03:38	12°♉42'14	0°30'34
minimum elong	-20 May 06 j 02:19	12°♉34'59	0°30'17
max. Earth dist.	-20 May 05 j 22:18	12°♉12'57	1.32338 AU
evening rise	-20 May 13 j 01:30	27°♉40'35	
	-20 May 14 j 04:13	0°♊	
	-20 May 31 j 03:07	0°♋	
evening max el	-20 Jun 11 j 01:40	13°♋13'45	26°18'20
desc. node	-20 Jun 11 j 21:07	13°♋59'03	
retrograde	-20 Jun 25 j 02:07	20°♋27'01	
evening set	-20 Jul 01 j 12:28	18°♋44'35	
min. Earth dist.	-20 Jul 05 j 14:38	16°♋06'54	0.59473 AU
inferior conj	-20 Jul 08 j 22:44	13°♋32'07	-4°43'24
minimum elong	-20 Jul 09 j 00:15	13°♋29'11	4°43'19
morning rise	-20 Jul 16 j 14:08	8°♋59'31	
direct	-20 Jul 19 j 02:01	8°♋37'37	
morning max el	-20 Jul 26 j 19:12	12°♋20'15	18°22'34
asc. node	-20 Jul 30 j 04:35	16°♋11'58	
	-20 Aug 07 j 16:17	0°♌	
morning set	-20 Aug 11 j 20:24	7°♌51'42	
superior conj	-20 Aug 21 j 00:41	25°♌12'03	1°39'11
minimum elong	-20 Aug 21 j 03:29	25°♌24'58	1°38'59
	-20 Aug 23 j 16:00	0°♍	
max. Earth dist.	-20 Aug 28 j 12:15	8°♍31'29	1.40472 AU
evening rise	-20 Sep 02 j 01:21	16°♍11'45	
desc. node	-20 Sep 07 j 20:27	25°♍32'45	
	-20 Sep 10 j 17:09	0°♎	
	-20 Oct 02 j 08:10	0°♏	
evening max el	-20 Oct 06 j 14:56	4°♏41'20	23°25'40
retrograde	-20 Oct 17 j 02:16	10°♏52'42	
evening set	-20 Oct 22 j 02:05	8°♏48'33	
asc. node	-20 Oct 26 j 03:49	4°♏12'24	
inferior conj	-20 Oct 27 j 10:49	2°♏26'58	0°26'40
minimum elong	-20 Oct 27 j 10:11	2°♏29'08	0°26'25
min. Earth dist.	-20 Oct 27 j 01:07	3°♏00'11	0.67640 AU
	-20 Oct 29 j 06:41	30°℞♎	
morning rise	-20 Nov 01 j 18:12	26°♎18'23	
direct	-20 Nov 05 j 22:17	24°♎41'23	
morning max el	-20 Nov 14 j 11:21	29°♎40'59	21°13'24
	-20 Nov 14 j 18:48	0°♏	
desc. node	-20 Dec 04 j 19:45	27°♏00'49	
	-20 Dec 06 j 19:25	0°♐	
morning set	-20 Dec 15 j 03:31	12°♐50'51	
max. Earth dist.	-20 Dec 22 j 19:20	25°♐07'53	1.42361 AU
	-20 Dec 25 j 18:02	0°♑	
superior conj	-20 Dec 30 j 01:07	7°♑15'41	-2°00'22
minimum elong	-20 Dec 29 j 23:01	7°♑06'38	2°00'18
evening rise	-19 Jan 10 j 09:33	27°♑19'54	
	-19 Jan 11 j 21:01	0°♒	
asc. node	-19 Jan 22 j 03:07	17°♒28'25	
evening max el	-19 Jan 27 j 02:32	23°♒44'03	18°08'09
retrograde	-19 Feb 02 j 19:04	27°♒09'44	
evening set	-19 Feb 05 j 11:36	26°♒36'43	
inferior conj	-19 Feb 12 j 02:33	21°♒38'40	3°46'20
minimum elong	-19 Feb 12 j 03:45	21°♒35'47	3°46'16
min. Earth dist.	-19 Feb 15 j 05:57	18°♒38'52	0.61153 AU
morning rise	-19 Feb 18 j 18:23	15°♒49'08	
direct	-19 Feb 25 j 14:38	13°♒30'18	
desc. node	-19 Mar 02 j 18:55	14°♒42'11	
morning max el	-19 Mar 11 j 18:44	21°♒20'05	27°41'31
	-19 Mar 19 j 08:07	0°♓	
	-19 Apr 07 j 04:52	0°♈	
morning set	-19 Apr 13 j 07:43	12°♈02'37	
max. Earth dist.	-19 Apr 19 j 10:07	24°♈59'54	1.32455 AU
asc. node	-19 Apr 20 j 02:22	26°♈28'30	
superior conj	-19 Apr 20 j 14:36	27°♈35'14	0°05'24
minimum elong	-19 Apr 20 j 14:21	27°♈33'51	0°05'20
behind sun begin	-19 Apr 20 j 09:33	27°♈07'37	
behind sun end	-19 Apr 20 j 19:09	28°♈00'06	
	-19 Apr 21 j 17:04	0°♉	
evening rise	-19 Apr 27 j 12:34	12°♉35'04	
	-19 May 06 j 08:54	0°♊	
evening max el	-19 May 23 j 19:16	24°♊17'27	25°00'46
desc. node	-19 May 29 j 18:08	28°♊56'56	
	-19 May 31 j 18:04	0°♋	
retrograde	-19 Jun 06 j 19:08	1°♋24'15	
evening set	-19 Jun 12 j 01:32	0°♋20'37	
	-19 Jun 12 j 21:12	30°℞♊	
min. Earth dist.	-19 Jun 17 j 06:48	27°♊32'13	0.57492 AU
inferior conj	-19 Jun 20 j 07:41	25°♊30'11	-4°37'20
minimum elong	-19 Jun 20 j 04:41	25°♊35'15	4°37'05
morning rise	-19 Jun 28 j 10:35	21°♊19'25	
direct	-19 Jul 01 j 00:19	21°♊00'07	
morning max el	-19 Jul 09 j 21:09	25°♊08'37	19°07'37
	-19 Jul 14 j 03:02	0°♋	
asc. node	-19 Jul 17 j 01:36	4°♋18'33	
morning set	-19 Jul 26 j 18:09	22°♋03'46	
	-19 Jul 30 j 18:05	0°♌	
superior conj	-19 Aug 04 j 01:37	8°♌27'19	1°46'43
minimum elong	-19 Aug 04 j 02:17	8°♌30'34	1°46'42
max. Earth dist.	-19 Aug 10 j 15:29	20°♌46'53	1.38449 AU
evening rise	-19 Aug 14 j 11:04	27°♌33'44	
	-19 Aug 15 j 20:55	0°♍	
desc. node	-19 Aug 25 j 17:28	16°♍03'41	
	-19 Sep 04 j 04:49	0°♎	
evening max el	-19 Sep 19 j 02:51	18°♎15'39	24°44'29
retrograde	-19 Sep 30 j 15:39	24°♎59'00	
evening set	-19 Oct 06 j 05:57	22°♎37'18	
min. Earth dist.	-19 Oct 10 j 20:15	17°♎23'05	0.67326 AU
inferior conj	-19 Oct 11 j 16:28	16°♎15'55	-0°27'56
minimum elong	-19 Oct 11 j 17:10	16°♎13'37	0°27'38
asc. node	-19 Oct 13 j 00:50	14°♎30'03	
morning rise	-19 Oct 17 j 04:28	10°♎13'32	
direct	-19 Oct 20 j 19:54	8°♎57'06	
morning max el	-19 Oct 28 j 10:53	13°♎19'40	20°01'55
	-19 Nov 10 j 04:01	0°♏	
desc. node	-19 Nov 21 j 16:45	17°♏25'22	
morning set	-19 Nov 23 j 23:59	20°♏58'13	
	-19 Nov 29 j 19:10	0°♐	
max. Earth dist.	-19 Dec 05 j 05:22	8°♐35'04	1.43901 AU
superior conj	-19 Dec 10 j 11:38	17°♐04'26	-1°44'21
minimum elong	-19 Dec 10 j 04:45	16°♐36'24	1°43'49
	-19 Dec 18 j 06:29	0°♑	
evening rise	-19 Dec 23 j 14:50	9°♑07'10	
	-18 Jan 05 j 04:00	0°♒	
asc. node	-18 Jan 09 j 00:09	5°♒11'28	
evening max el	-18 Jan 10 j 14:53	6°♒58'00	18°13'11
retrograde	-18 Jan 17 j 02:38	10°♒26'01	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-18 Jan 19 j 23:34	9°♒43'16	
inferior conj	-18 Jan 26 j 03:26	4°♒25'10	3°49'02
minimum elong	-18 Jan 26 j 02:36	4°♒27'26	3°49'00
min. Earth dist.	-18 Jan 28 j 17:27	1°♒37'44	0.63119 AU
	-18 Jan 30 j 08:35	30°℞♑	
morning rise	-18 Feb 01 j 04:46	28°♑24'36	
direct	-18 Feb 08 j 04:36	25°♑41'33	
desc. node	-18 Feb 17 j 15:57	29°♑40'18	
	-18 Feb 18 j 02:04	0°♒	
morning max el	-18 Feb 22 j 01:33	3°♒34'03	27°44'06
	-18 Mar 13 j 19:41	0°♓	
morning set	-18 Mar 28 j 07:39	26°♓18'15	
	-18 Mar 30 j 03:22	0°♈	
max. Earth dist.	-18 Apr 02 j 16:51	7°♈26'38	1.32952 AU
superior conj	-18 Apr 04 j 23:02	12°♈16'37	-0°21'10
minimum elong	-18 Apr 05 j 00:03	12°♈22'04	0°20'57
asc. node	-18 Apr 06 j 23:26	16°♈38'02	
evening rise	-18 Apr 12 j 00:21	27°♈27'36	
	-18 Apr 13 j 05:25	0°♉	
	-18 Apr 30 j 22:31	0°♊	
evening max el	-18 May 05 j 09:41	4°♊54'23	23°27'46
desc. node	-18 May 16 j 15:09	11°♊29'38	
retrograde	-18 May 19 j 00:17	11°♊42'33	
evening set	-18 May 22 j 19:35	11°♊10'41	
min. Earth dist.	-18 May 29 j 19:59	7°♊57'14	0.55907 AU
inferior conj	-18 May 31 j 20:42	6°♊44'47	-3°50'07
minimum elong	-18 May 31 j 13:50	6°♊55'03	3°48'37
morning rise	-18 Jun 09 j 10:52	2°♊48'50	
direct	-18 Jun 12 j 03:15	2°♊31'05	
morning max el	-18 Jun 22 j 13:07	7°♊19'57	20°13'34
asc. node	-18 Jul 03 j 22:38	23°♊05'51	
	-18 Jul 07 j 15:04	0°♋	
morning set	-18 Jul 10 j 22:39	6°♋37'23	
superior conj	-18 Jul 18 j 15:52	22°♋23'51	1°45'24
minimum elong	-18 Jul 18 j 14:52	22°♋18'44	1°45'22
	-18 Jul 22 j 11:55	0°♌	
max. Earth dist.	-18 Jul 23 j 20:34	2°♌37'41	1.36549 AU
evening rise	-18 Jul 27 j 19:16	10°♌01'30	
	-18 Aug 08 j 12:09	0°♍	
desc. node	-18 Aug 12 j 14:30	6°♍20'12	
	-18 Aug 30 j 17:48	0°♎	
evening max el	-18 Sep 01 j 14:18	1°♎52'41	25°55'03
retrograde	-18 Sep 14 j 00:35	8°♎58'13	
evening set	-18 Sep 20 j 05:16	6°♎22'06	
min. Earth dist.	-18 Sep 24 j 11:39	1°♎43'48	0.66682 AU
inferior conj	-18 Sep 25 j 19:01	0°♎04'53	-1°23'59
minimum elong	-18 Sep 25 j 21:09	29°♍58'10	1°23'07
	-18 Sep 25 j 20:34	30°℞♍	
asc. node	-18 Sep 29 j 21:51	25°♍26'15	
morning rise	-18 Oct 01 j 13:20	24°♍11'29	
direct	-18 Oct 04 j 18:19	23°♍12'17	
morning max el	-18 Oct 11 j 17:44	27°♍07'29	19°04'44
	-18 Oct 14 j 07:17	0°♎	
morning set	-18 Nov 03 j 06:57	29°♎44'20	
	-18 Nov 03 j 10:57	0°♏	
desc. node	-18 Nov 08 j 13:48	8°♏01'11	
max. Earth dist.	-18 Nov 17 j 20:53	22°♏36'33	1.44822 AU
superior conj	-18 Nov 19 j 21:52	25°♏49'47	-1°10'00
minimum elong	-18 Nov 19 j 13:55	25°♏18'22	1°09'06
	-18 Nov 22 j 13:02	0°♐	
evening rise	-18 Dec 04 j 22:16	19°♐57'54	
	-18 Dec 11 j 01:22	0°♑	
evening max el	-18 Dec 25 j 02:45	20°♑20'52	18°36'41
asc. node	-18 Dec 26 j 21:10	21°♑58'13	
retrograde	-18 Dec 31 j 18:03	24°♑02'15	
evening set	-17 Jan 03 j 20:11	23°♑08'39	
inferior conj	-17 Jan 09 j 16:00	17°♑32'26	3°34'13
minimum elong	-17 Jan 09 j 13:50	17°♑38'54	3°33'53
min. Earth dist.	-17 Jan 11 j 14:43	15°♑13'16	0.64784 AU
morning rise	-17 Jan 15 j 07:01	11°♑25'17	
direct	-17 Jan 22 j 01:59	8°♑32'54	
morning max el	-17 Feb 04 j 10:54	16°♑18'58	27°11'53
desc. node	-17 Feb 04 j 13:00	16°♑24'15	
	-17 Feb 15 j 19:25	0°♒	
	-17 Mar 06 j 14:17	0°♓	
morning set	-17 Mar 11 j 22:37	10°♓02'43	
max. Earth dist.	-17 Mar 16 j 14:35	19°♓21'18	1.33884 AU
superior conj	-17 Mar 20 j 03:02	26°♓39'52	-0°48'03
minimum elong	-17 Mar 20 j 05:20	26°♓52'01	0°47'36
	-17 Mar 21 j 16:55	0°♈	
asc. node	-17 Mar 24 j 20:29	6°♈41'31	
evening rise	-17 Mar 27 j 11:04	12°♈11'36	
	-17 Apr 05 j 16:08	0°♉	
evening max el	-17 Apr 17 j 03:55	15°♉33'36	21°53'51
retrograde	-17 Apr 29 j 17:36	21°♉42'30	
evening set	-17 May 02 j 08:37	21°♉27'07	
desc. node	-17 May 03 j 12:11	21°♉11'13	
inferior conj	-17 May 11 j 18:34	17°♉22'46	-2°18'15
minimum elong	-17 May 11 j 12:28	17°♉31'21	2°16'15
min. Earth dist.	-17 May 11 j 08:51	17°♉36'25	0.55062 AU
morning rise	-17 May 20 j 17:29	13°♉26'50	
direct	-17 May 23 j 16:23	13°♉07'27	
morning max el	-17 Jun 04 j 17:51	18°♉47'43	21°38'37
	-17 Jun 13 j 17:55	0°♊	
asc. node	-17 Jun 20 j 19:43	12°♊23'09	
morning set	-17 Jun 25 j 07:29	21°♊25'03	
	-17 Jun 29 j 09:37	0°♋	
superior conj	-17 Jul 02 j 15:23	6°♋48'37	1°37'09
minimum elong	-17 Jul 02 j 13:19	6°♋37'53	1°36'59
max. Earth dist.	-17 Jul 06 j 09:22	14°♋31'05	1.34951 AU
evening rise	-17 Jul 10 j 21:01	23°♋21'14	
	-17 Jul 14 j 10:13	0°♌	
desc. node	-17 Jul 30 j 11:31	26°♌14'38	
	-17 Aug 02 j 03:19	0°♍	
evening max el	-17 Aug 15 j 02:18	15°♍26'30	26°49'38
retrograde	-17 Aug 28 j 04:17	22°♍42'59	
evening set	-17 Sep 03 j 21:46	19°♍58'27	
min. Earth dist.	-17 Sep 07 j 20:55	15°♍57'15	0.65690 AU
inferior conj	-17 Sep 09 j 16:24	13°♍49'37	-2°19'44
minimum elong	-17 Sep 09 j 19:55	13°♍39'16	2°18'26
morning rise	-17 Sep 15 j 18:37	8°♍08'14	
asc. node	-17 Sep 16 j 18:54	7°♍41'46	
direct	-17 Sep 18 j 15:32	7°♍22'31	
morning max el	-17 Sep 25 j 06:04	10°♍59'31	18°23'34
	-17 Oct 08 j 14:40	0°♎	
morning set	-17 Oct 14 j 16:38	9°♎51'39	
desc. node	-17 Oct 26 j 10:52	28°♎43'53	
	-17 Oct 27 j 06:05	0°♏	
superior conj	-17 Oct 29 j 22:26	4°♏14'05	-0°22'45
minimum elong	-17 Oct 29 j 19:26	4°♏02'18	0°22'22
max. Earth dist.	-17 Oct 31 j 15:25	6°♏55'27	1.45019 AU
evening rise	-17 Nov 15 j 05:56	29°♏50'20	
	-17 Nov 15 j 08:24	0°♐	
greatest brilliancy	-17 Nov 25 j 17:38	16°♐15'14	-0.8m
	-17 Dec 05 j 05:24	0°♑	
evening max el	-17 Dec 08 j 11:51	3°♑48'21	19°17'27
asc. node	-17 Dec 13 j 18:12	7°♑34'10	
retrograde	-17 Dec 15 j 13:55	7°♑52'34	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	-17 Dec 18 j 22:41	6°♑46'32		
inferior conj	-17 Dec 24 j 12:52	0°♑54'37	3°06'45	
minimum elong	-17 Dec 24 j 10:07	1°♑03'26	3°06'04	
	-17 Dec 25 j 05:52	30°℞♐		
min. Earth dist.	-17 Dec 25 j 20:48	29°♐12'18	0.66066 AU	
morning rise	-17 Dec 29 j 21:19	24°♐43'32		
direct	-16 Jan 05 j 05:33	21°♐55'52		
morning max el	-16 Jan 17 j 20:19	29°♐22'53	26°11'54	
	-16 Jan 18 j 10:54	0°♑		
desc. node	-16 Jan 22 j 10:05	4°♑23'48		
	-16 Feb 09 j 15:58	0°♒		
morning set	-16 Feb 23 j 00:43	23°♒04'19		
	-16 Feb 26 j 16:06	0°♓		
max. Earth dist.	-16 Feb 27 j 00:48	0°♓42'19	1.35278 AU	
superior conj	-16 Mar 03 j 00:13	10°♓38'09	-1°13'53	
minimum elong	-16 Mar 03 j 03:37	10°♓55'28	1°13'19	
evening rise	-16 Mar 10 j 18:48	26°♓41'12		
asc. node	-16 Mar 10 j 17:33	26°♓34'48		
	-16 Mar 12 j 09:48	0°♈		
evening max el	-16 Mar 29 j 07:43	26°♈40'30	20°30'50	
	-16 Apr 02 j 14:23	0°♉		
retrograde	-16 Apr 09 j 06:36	1°♉56'54		
evening set	-16 Apr 11 j 10:00	1°♉45'40		
	-16 Apr 16 j 12:53	30°℞♈		
desc. node	-16 Apr 19 j 09:13	28°♈28'43		
inferior conj	-16 Apr 20 j 13:24	27°♈48'09	-0°20'13	
minimum elong	-16 Apr 20 j 12:27	27°♈49'31	0°19'52	
min. Earth dist.	-16 Apr 21 j 22:13	27°♈00'36	0.55162 AU	
morning rise	-16 Apr 29 j 13:42	23°♈33'53		
direct	-16 May 03 j 04:02	23°♈05'51		
morning max el	-16 May 16 j 13:04	29°♈36'36	23°16'52	
	-16 May 16 j 22:52	0°♉		
	-16 Jun 05 j 16:35	0°♊		
asc. node	-16 Jun 06 j 16:48	2°♊02'32		
morning set	-16 Jun 08 j 18:45	6°♊21'03		
superior conj	-16 Jun 15 j 21:06	21°♊32'08	1°23'28	
minimum elong	-16 Jun 15 j 18:38	21°♊18'52	1°23'09	
max. Earth dist.	-16 Jun 18 j 07:56	26°♊44'45	1.33729 AU	
	-16 Jun 19 j 21:16	0°♋		
evening rise	-16 Jun 23 j 11:42	7°♋19'35		
	-16 Jul 05 j 23:04	0°♌		
desc. node	-16 Jul 16 j 08:32	15°♌37'37		
evening max el	-16 Jul 27 j 13:58	28°♌46'32	27°20'45	
	-16 Jul 28 j 21:47	0°♍		
retrograde	-16 Aug 10 j 02:08	6°♍05'41		
evening set	-16 Aug 17 j 04:42	3°♍21'58		
	-16 Aug 20 j 20:24	30°℞♌		
min. Earth dist.	-16 Aug 20 j 21:44	29°♌56'32	0.64336 AU	
inferior conj	-16 Aug 23 j 06:16	27°♌25'19	-3°12'42	
minimum elong	-16 Aug 23 j 10:49	27°♌13'08	3°11'18	
morning rise	-16 Aug 29 j 17:47	21°♌59'27		
direct	-16 Sep 01 j 09:08	21°♌23'43		
asc. node	-16 Sep 02 j 16:00	21°♌32'17		
morning max el	-16 Sep 07 j 21:23	24°♌50'48	17°59'28	
	-16 Sep 12 j 02:58	0°♍		
morning set	-16 Sep 25 j 06:14	21°♍20'19		
	-16 Sep 30 j 09:20	0°♎		
superior conj	-16 Oct 08 j 11:12	13°♎17'53	0°25'23	
minimum elong	-16 Oct 08 j 14:04	13°♎29'28	0°25'00	
desc. node	-16 Oct 12 j 07:52	19°♎29'56		
max. Earth dist.	-16 Oct 13 j 09:51	21°♎13'17	1.44484 AU	
	-16 Oct 18 j 23:41	0°♏		
evening rise	-16 Oct 24 j 18:23	8°♏57'51		
greatest brilliancy	-16 Nov 07 j 02:44	29°♏13'22	-0.6m	
	-16 Nov 07 j 15:20	0°♐		
evening max el	-16 Nov 20 j 16:11	17°♐16'41	20°13'34	
retrograde	-16 Nov 28 j 11:32	21°♐51'54		
asc. node	-16 Nov 29 j 15:16	21°♐44'18		
evening set	-16 Dec 02 j 04:43	20°♐31'36		
inferior conj	-16 Dec 07 j 15:18	14°♐26'46	2°29'55	
minimum elong	-16 Dec 07 j 12:35	14°♐35'53	2°29'03	
min. Earth dist.	-16 Dec 08 j 09:57	13°♐24'01	0.66957 AU	
morning rise	-16 Dec 12 j 20:16	8°♐13'41		
direct	-16 Dec 18 j 14:25	5°♐40'55		
morning max el	-16 Dec 30 j 04:52	12°♐35'26	24°53'18	
desc. node	-15 Jan 08 j 07:07	23°♐16'08		
	-15 Jan 13 j 06:10	0°♑		
	-15 Feb 01 j 10:23	0°♒		
morning set	-15 Feb 04 j 08:38	5°♒07'19		
max. Earth dist.	-15 Feb 08 j 00:37	11°♒45'31	1.37093 AU	
superior conj	-15 Feb 14 j 11:28	24°♒01'54	-1°36'45	
minimum elong	-15 Feb 14 j 15:20	24°♒20'52	1°36'18	
	-15 Feb 17 j 11:54	0°♓		
evening rise	-15 Feb 22 j 21:16	10°♓49'02		
asc. node	-15 Feb 25 j 14:36	16°♓12'25		
	-15 Mar 05 j 07:57	0°♈		
evening max el	-15 Mar 11 j 22:41	8°♈24'44	19°25'16	
retrograde	-15 Mar 21 j 04:52	12°♈51'40		
evening set	-15 Mar 23 j 08:52	12°♈38'06		
inferior conj	-15 Mar 31 j 19:26	8°♈31'10	1°30'14	
minimum elong	-15 Mar 31 j 22:54	8°♈25'30	1°29'07	
min. Earth dist.	-15 Apr 03 j 12:46	6°♈45'08	0.56180 AU	
desc. node	-15 Apr 06 j 06:17	5°♈09'04		
morning rise	-15 Apr 09 j 10:12	3°♈45'15		
direct	-15 Apr 14 j 00:57	2°♈56'52		
morning max el	-15 Apr 28 j 03:51	10°♈06'22	24°57'03	
	-15 May 13 j 02:41	0°♉		
morning set	-15 May 24 j 06:44	21°♉19'35		
asc. node	-15 May 24 j 13:53	21°♉57'14		
	-15 May 28 j 07:42	0°♊		
superior conj	-15 May 31 j 06:40	6°♊26'42	1°05'30	
minimum elong	-15 May 31 j 04:19	6°♊13'50	1°05'06	
max. Earth dist.	-15 Jun 01 j 14:35	9°♊20'03	1.32890 AU	
evening rise	-15 Jun 07 j 11:30	21°♊44'56		
	-15 Jun 11 j 15:06	0°♋		
	-15 Jun 29 j 22:10	0°♌		
desc. node	-15 Jul 03 j 05:33	4°♌16'05		
evening max el	-15 Jul 09 j 23:06	11°♌39'19	27°22'18	
retrograde	-15 Jul 23 j 17:43	18°♌57'31		
evening set	-15 Jul 30 j 22:34	16°♌26'52		
min. Earth dist.	-15 Aug 03 j 12:24	13°♌31'06	0.62629 AU	
inferior conj	-15 Aug 06 j 09:45	10°♌45'28	-3°59'09	
minimum elong	-15 Aug 06 j 14:28	10°♌34'11	3°58'05	
morning rise	-15 Aug 13 j 07:38	5°♌38'36		
direct	-15 Aug 15 j 19:50	5°♌09'58		
asc. node	-15 Aug 20 j 13:04	6°♌53'20		
morning max el	-15 Aug 22 j 12:54	8°♌35'33	17°53'22	
	-15 Sep 05 j 13:53	0°♍		
morning set	-15 Sep 07 j 18:24	3°♍53'57		
superior conj	-15 Sep 19 j 01:55	23°♍39'39	1°04'08	
minimum elong	-15 Sep 19 j 06:54	24°♍00'46	1°03'32	
	-15 Sep 22 j 20:52	0°♎		
max. Earth dist.	-15 Sep 26 j 00:57	5°♎11'27	1.43285 AU	
desc. node	-15 Sep 29 j 04:52	10°♎16'39		
evening rise	-15 Oct 04 j 01:47	17°♎56'49		
	-15 Oct 11 j 23:00	0°♏		
	-15 Nov 02 j 21:26	0°♐		
evening max el	-15 Nov 03 j 14:45	0°♐45'16	21°22'13	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	-15 Nov 12 j 08:46	5°♐57'22	
evening set	-15 Nov 16 j 12:21	4°♐21'01	
asc. node	-15 Nov 16 j 12:18	4°♐21'06	
	-15 Nov 20 j 11:43	30°℞♏	
inferior conj	-15 Nov 21 j 21:01	28°♏06'36	1°46'03
minimum elong	-15 Nov 21 j 18:50	28°♏14'09	1°45'14
min. Earth dist.	-15 Nov 22 j 03:57	27°♏42'43	0.67485 AU
morning rise	-15 Nov 27 j 01:10	21°♏53'21	
direct	-15 Dec 02 j 04:02	19°♏41'11	
morning max el	-15 Dec 12 j 13:53	25°♏52'57	23°26'04
	-15 Dec 16 j 08:09	0°♐	
desc. node	-15 Dec 26 j 04:09	12°♐46'08	
	-14 Jan 06 j 19:50	0°♑	
morning set	-14 Jan 16 j 16:07	15°♑55'39	
max. Earth dist.	-14 Jan 20 j 19:50	23°♑03'30	1.39174 AU
	-14 Jan 24 j 17:31	0°♒	
superior conj	-14 Jan 28 j 08:47	6°♒40'48	-1°53'58
minimum elong	-14 Jan 28 j 11:55	6°♒55'21	1°53'47
evening rise	-14 Feb 06 j 15:47	24°♒27'57	
	-14 Feb 09 j 12:57	0°♓	
asc. node	-14 Feb 12 j 11:38	5°♓28'38	
evening max el	-14 Feb 22 j 23:26	20°♓44'41	18°39'33
retrograde	-14 Mar 02 j 20:49	24°♓35'20	
evening set	-14 Mar 05 j 05:38	24°♓15'49	
inferior conj	-14 Mar 12 j 21:14	19°♓51'02	2°49'41
minimum elong	-14 Mar 13 j 01:28	19°♓42'58	2°48'42
min. Earth dist.	-14 Mar 16 j 06:07	17°♓18'19	0.57886 AU
morning rise	-14 Mar 20 j 18:25	14°♓33'17	
desc. node	-14 Mar 24 j 03:20	13°♓25'32	
direct	-14 Mar 26 j 11:45	13°♓11'37	
morning max el	-14 Apr 09 j 20:17	20°♓45'30	26°23'48
	-14 Apr 17 j 19:48	0°♈	
	-14 May 05 j 16:50	0°♉	
morning set	-14 May 08 j 17:46	6°♉14'47	
asc. node	-14 May 11 j 10:54	12°♉01'54	
superior conj	-14 May 15 j 18:07	21°♉25'33	0°44'07
minimum elong	-14 May 15 j 16:19	21°♉15'39	0°43'45
max. Earth dist.	-14 May 16 j 02:03	22°♉09'03	1.32428 AU
	-14 May 19 j 16:27	0°♊	
evening rise	-14 May 22 j 17:28	6°♊27'46	
	-14 Jun 04 j 04:47	0°♋	
desc. node	-14 Jun 20 j 02:35	21°♋50'53	
evening max el	-14 Jun 22 j 03:03	23°♋52'10	26°50'57
	-14 Jun 30 j 20:12	0°♌	
retrograde	-14 Jul 06 j 02:10	1°♌08'25	
	-14 Jul 11 j 04:18	30°℞♋	
evening set	-14 Jul 12 j 22:53	29°♋04'49	
min. Earth dist.	-14 Jul 16 j 16:48	26°♋25'37	0.60652 AU
inferior conj	-14 Jul 19 j 23:23	23°♋40'53	-4°33'05
minimum elong	-14 Jul 20 j 02:41	23°♋33'57	4°32'41
morning rise	-14 Jul 27 j 08:19	18°♋55'41	
direct	-14 Jul 29 j 19:38	18°♋31'56	
morning max el	-14 Aug 06 j 01:34	22°♋05'21	18°06'15
asc. node	-14 Aug 07 j 10:07	23°♋30'20	
	-14 Aug 12 j 04:58	0°♌	
morning set	-14 Aug 21 j 23:08	17°♌14'55	
	-14 Aug 28 j 20:19	0°♍	
superior conj	-14 Aug 31 j 19:15	5°♍19'55	1°29'58
minimum elong	-14 Aug 31 j 23:15	5°♍37'43	1°29'36
max. Earth dist.	-14 Sep 08 j 10:11	18°♍31'35	1.41582 AU
evening rise	-14 Sep 13 j 21:46	27°♍32'06	
	-14 Sep 15 j 10:43	0°♎	
desc. node	-14 Sep 16 j 01:53	1°♎00'13	
	-14 Oct 05 j 16:11	0°♏	
evening max el	-14 Oct 17 j 07:45	14°♏14'31	22°39'27
retrograde	-14 Oct 27 j 03:56	20°♏05'30	
evening set	-14 Oct 31 j 19:48	18°♏11'46	
asc. node	-14 Nov 03 j 09:20	15°♏32'55	
inferior conj	-14 Nov 06 j 04:06	11°♏51'30	0°56'51
minimum elong	-14 Nov 06 j 02:49	11°♏55'58	0°56'20
min. Earth dist.	-14 Nov 06 j 00:22	12°♏04'27	0.67674 AU
morning rise	-14 Nov 11 j 09:43	5°♏40'18	
direct	-14 Nov 15 j 21:42	3°♏50'37	
morning max el	-14 Nov 25 j 02:20	9°♏16'02	21°59'38
	-14 Dec 11 j 04:23	0°♐	
desc. node	-14 Dec 13 j 01:10	2°♐42'56	
morning set	-14 Dec 27 j 18:34	25°♐19'33	
	-14 Dec 30 j 15:47	0°♑	
max. Earth dist.	-13 Jan 02 j 17:43	5°♑05'36	1.41265 AU
superior conj	-13 Jan 10 j 11:12	18°♑22'33	-2°01'51
minimum elong	-13 Jan 10 j 11:37	18°♑24'22	2°01'51
	-13 Jan 16 j 21:45	0°♒	
evening rise	-13 Jan 20 j 23:03	7°♒30'04	
asc. node	-13 Jan 30 j 08:39	24°♒16'21	
	-13 Feb 03 j 05:26	0°♓	
evening max el	-13 Feb 06 j 07:10	3°♓32'58	18°14'00
retrograde	-13 Feb 13 j 07:03	7°♓03'16	
evening set	-13 Feb 15 j 20:54	6°♓35'36	
inferior conj	-13 Feb 22 j 19:52	1°♓50'06	3°34'14
minimum elong	-13 Feb 22 j 22:23	1°♓44'31	3°33'55
	-13 Feb 24 j 21:21	30°℞♒	
min. Earth dist.	-13 Feb 26 j 04:36	28°♒52'40	0.59943 AU
morning rise	-13 Mar 01 j 21:45	26°♒09'36	
direct	-13 Mar 08 j 11:19	24°♒09'43	
desc. node	-13 Mar 11 j 00:21	24°♒26'59	
	-13 Mar 20 j 16:02	0°♓	
morning max el	-13 Mar 22 j 18:07	1°♓56'25	27°23'10
	-13 Apr 12 j 01:52	0°♈	
morning set	-13 Apr 23 j 02:09	21°♈00'49	
	-13 Apr 27 j 07:36	0°♉	
asc. node	-13 Apr 28 j 07:56	2°♉12'13	
max. Earth dist.	-13 Apr 29 j 14:41	5°♉00'18	1.32334 AU
superior conj	-13 Apr 30 j 05:46	6°♉23'02	0°20'07
minimum elong	-13 Apr 30 j 04:53	6°♉18'07	0°19'55
evening rise	-13 May 07 j 03:16	21°♉20'33	
	-13 May 11 j 08:44	0°♊	
	-13 May 30 j 01:49	0°♋	
evening max el	-13 Jun 04 j 00:23	5°♋20'30	25°48'15
desc. node	-13 Jun 06 j 23:36	7°♋55'58	
retrograde	-13 Jun 18 j 01:43	12°♋32'33	
evening set	-13 Jun 24 j 01:23	11°♋06'44	
min. Earth dist.	-13 Jun 28 j 12:53	8°♋26'17	0.58596 AU
inferior conj	-13 Jul 01 j 19:41	6°♋02'52	-4°45'11
minimum elong	-13 Jul 01 j 19:27	6°♋03'19	4°45'11
morning rise	-13 Jul 09 j 15:58	1°♋39'55	
direct	-13 Jul 12 j 04:19	1°♋19'23	
morning max el	-13 Jul 20 j 08:18	5°♋11'45	18°39'10
asc. node	-13 Jul 25 j 07:09	11°♋08'24	
	-13 Aug 05 j 01:05	0°♌	
morning set	-13 Aug 05 j 15:46	1°♌11'07	
superior conj	-13 Aug 14 j 10:17	18°♌04'52	1°43'34
minimum elong	-13 Aug 14 j 12:10	18°♌13'42	1°43'30
	-13 Aug 20 j 23:00	0°♍	
max. Earth dist.	-13 Aug 21 j 14:20	1°♍07'37	1.39610 AU
evening rise	-13 Aug 25 j 17:11	8°♍13'36	
desc. node	-13 Sep 02 j 22:55	21°♍36'59	
	-13 Sep 08 j 10:44	0°♎	
evening max el	-13 Sep 29 j 20:58	27°♎47'04	23°59'44

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-13 Oct 02 j 06:02	0°♏	
retrograde	-13 Oct 10 j 19:43	4°♏13'19	
evening set	-13 Oct 16 j 01:29	2°♏01'47	
	-13 Oct 18 j 01:57	30°℞♎	
inferior conj	-13 Oct 21 j 10:48	25°♎39'43	0°03'50
minimum elong	-13 Oct 21 j 10:42	25°♎40'02	0°03'48
transit middle	-13 Oct 21 j 10:42	25°♎40'02	0°03'48
transit begin	-13 Oct 21 j 08:04	25°♎49'01	
transit end	-13 Oct 21 j 13:21	25°♎31'04	
min. Earth dist.	-13 Oct 20 j 20:44	26°♎27'24	0.67545 AU
asc. node	-13 Oct 21 j 06:22	25°♎54'46	
morning rise	-13 Oct 26 j 19:54	19°♎33'08	
direct	-13 Oct 30 j 18:22	18°♎05'07	
morning max el	-13 Nov 07 j 21:18	22°♎48'04	20°41'18
	-13 Nov 13 j 23:34	0°♏	
desc. node	-13 Nov 29 j 22:11	22°♏59'05	
	-13 Dec 04 j 12:19	0°♐	
morning set	-13 Dec 06 j 20:34	3°♐37'43	
max. Earth dist.	-13 Dec 15 j 23:06	18°♐03'45	1.43084 AU
superior conj	-13 Dec 22 j 13:22	28°♐55'00	-1°55'49
minimum elong	-13 Dec 22 j 09:08	28°♐37'17	1°55'36
	-13 Dec 23 j 04:52	0°♑	
evening rise	-12 Jan 03 j 15:04	19°♑46'53	
	-12 Jan 09 j 10:22	0°♒	
asc. node	-12 Jan 17 j 05:41	12°♒26'16	
evening max el	-12 Jan 20 j 18:45	16°♒40'10	18°08'01
retrograde	-12 Jan 27 j 08:00	20°♒05'00	
evening set	-12 Jan 30 j 02:28	19°♒27'54	
inferior conj	-12 Feb 05 j 12:18	14°♒21'23	3°50'00
minimum elong	-12 Feb 05 j 12:34	14°♒20'43	3°49'59
min. Earth dist.	-12 Feb 08 j 10:38	11°♒24'17	0.62023 AU
morning rise	-12 Feb 11 j 21:29	8°♒26'44	
direct	-12 Feb 18 j 20:40	5°♒55'36	
desc. node	-12 Feb 25 j 21:24	8°♒08'12	
morning max el	-12 Mar 03 j 21:53	13°♒47'12	27°47'03
	-12 Mar 16 j 23:05	0°♓	
	-12 Apr 03 j 11:57	0°♈	
morning set	-12 Apr 06 j 05:50	5°♈29'29	
max. Earth dist.	-12 Apr 12 j 00:42	17°♈39'35	1.32617 AU
superior conj	-12 Apr 13 j 15:53	21°♈11'53	-0°05'47
minimum elong	-12 Apr 13 j 16:09	21°♈13'21	0°05'43
behind sun begin	-12 Apr 13 j 11:20	20°♈47'10	
behind sun end	-12 Apr 13 j 20:59	21°♈39'33	
asc. node	-12 Apr 14 j 04:58	22°♈23'01	
	-12 Apr 17 j 16:55	0°♉	
evening rise	-12 Apr 20 j 14:51	6°♉14'59	
	-12 May 03 j 04:50	0°♊	
evening max el	-12 May 15 j 16:08	16°♊10'13	24°22'19
desc. node	-12 May 23 j 20:38	21°♊56'19	
retrograde	-12 May 29 j 13:39	23°♊10'34	
evening set	-12 Jun 03 j 05:09	22°♊22'20	
min. Earth dist.	-12 Jun 09 j 03:29	19°♊24'37	0.56750 AU
inferior conj	-12 Jun 11 j 20:01	17°♊42'23	-4°22'58
minimum elong	-12 Jun 11 j 15:03	17°♊50'19	4°22'15
morning rise	-12 Jun 20 j 03:44	13°♊38'46	
direct	-12 Jun 22 j 18:29	13°♊20'15	
morning max el	-12 Jul 02 j 06:09	17°♊44'33	19°33'07
asc. node	-12 Jul 11 j 04:11	29°♊33'22	
	-12 Jul 11 j 10:31	0°♋	
morning set	-12 Jul 19 j 16:42	15°♋32'52	
	-12 Jul 26 j 21:26	0°♌	
superior conj	-12 Jul 27 j 17:24	1°♌38'33	1°47'06
minimum elong	-12 Jul 27 j 17:16	1°♌37'58	1°47'06
max. Earth dist.	-12 Aug 02 j 17:44	13°♌09'42	1.37617 AU
evening rise	-12 Aug 06 j 12:59	20°♌04'34	
	-12 Aug 12 j 07:13	0°♍	
desc. node	-12 Aug 19 j 19:57	12°♍02'20	
	-12 Sep 01 j 12:02	0°♎	
evening max el	-12 Sep 11 j 08:43	11°♎23'33	25°16'05
retrograde	-12 Sep 23 j 07:11	18°♎17'00	
evening set	-12 Sep 29 j 03:39	15°♎48'54	
min. Earth dist.	-12 Oct 03 j 14:37	10°♎49'40	0.67093 AU
inferior conj	-12 Oct 04 j 15:23	9°♎29'01	-0°51'35
minimum elong	-12 Oct 04 j 16:41	9°♎24'48	0°51'02
asc. node	-12 Oct 07 j 03:24	6°♎22'10	
morning rise	-12 Oct 10 j 05:50	3°♎30'00	
direct	-12 Oct 13 j 16:40	2°♎21'07	
morning max el	-12 Oct 21 j 00:02	6°♎30'36	19°35'45
	-12 Nov 07 j 01:11	0°♏	
morning set	-12 Nov 14 j 18:39	11°♏53'52	
desc. node	-12 Nov 15 j 19:13	13°♏29'03	
	-12 Nov 26 j 08:34	0°♐	
max. Earth dist.	-12 Nov 27 j 12:17	1°♐49'44	1.44380 AU
superior conj	-12 Dec 01 j 12:47	8°♐14'40	-1°31'56
minimum elong	-12 Dec 01 j 04:42	7°♐42'12	1°31'11
	-12 Dec 14 j 18:35	0°♑	
evening rise	-12 Dec 15 j 11:34	1°♑11'18	
asc. node	-11 Jan 03 j 02:43	29°♑47'32	
	-11 Jan 03 j 07:35	0°♒	
evening max el	-11 Jan 03 j 07:20	29°♑59'21	18°20'57
retrograde	-11 Jan 09 j 19:26	3°♒31'27	
evening set	-11 Jan 12 j 18:34	2°♒44'04	
	-11 Jan 16 j 06:35	30°℞♑	
inferior conj	-11 Jan 18 j 18:39	27°♑17'51	3°44'33
minimum elong	-11 Jan 18 j 17:10	27°♑22'04	3°44'24
min. Earth dist.	-11 Jan 21 j 02:07	24°♑41'17	0.63877 AU
morning rise	-11 Jan 24 j 15:09	21°♑14'20	
direct	-11 Jan 31 j 13:53	18°♑25'43	
desc. node	-11 Feb 11 j 18:26	23°♑55'52	
morning max el	-11 Feb 14 j 06:04	26°♑15'43	27°34'17
	-11 Feb 17 j 17:53	0°♒	
	-11 Mar 10 j 12:17	0°♓	
morning set	-11 Mar 21 j 02:22	19°♓32'54	
max. Earth dist.	-11 Mar 26 j 04:12	29°♓54'21	1.33304 AU
	-11 Mar 26 j 05:16	0°♈	
superior conj	-11 Mar 28 j 22:43	5°♈46'19	-0°32'36
minimum elong	-11 Mar 29 j 00:17	5°♈54'42	0°32'16
asc. node	-11 Apr 01 j 02:01	12°♈30'24	
evening rise	-11 Apr 05 j 02:26	21°♈04'50	
	-11 Apr 09 j 11:14	0°♉	
evening max el	-11 Apr 27 j 07:18	26°♉43'56	22°46'58
	-11 May 01 j 05:25	0°♊	
retrograde	-11 May 10 j 12:52	3°♊17'16	
desc. node	-11 May 10 j 17:40	3°♊17'10	
evening set	-11 May 13 j 18:46	2°♊54'10	
	-11 May 20 j 16:20	30°℞♉	
min. Earth dist.	-11 May 21 j 15:57	29°♉26'48	0.55450 AU
inferior conj	-11 May 23 j 01:27	28°♉38'46	-3°16'03
minimum elong	-11 May 22 j 18:11	28°♉49'12	3°14'04
morning rise	-11 May 31 j 19:55	24°♉45'13	
direct	-11 Jun 03 j 14:38	24°♉27'10	
morning max el	-11 Jun 14 j 17:11	29°♉36'30	20°47'41
	-11 Jun 15 j 03:09	0°♊	
asc. node	-11 Jun 28 j 01:15	18°♊34'11	
morning set	-11 Jul 03 j 23:16	0°♋12'55	
	-11 Jul 03 j 20:45	0°♋	
superior conj	-11 Jul 11 j 11:58	15°♋47'47	1°42'39
minimum elong	-11 Jul 11 j 10:26	15°♋39'55	1°42'34

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	-11 Jul 16 j 01:55	24°♋59'35	1.35827 AU
	-11 Jul 18 j 16:03	0°♌	
evening rise	-11 Jul 20 j 05:12	2°♌55'17	
	-11 Aug 05 j 06:13	0°♍	
desc. node	-11 Aug 06 j 16:59	2°♍10'14	
evening max el	-11 Aug 24 j 20:22	24°♍59'45	26°20'45
	-11 Aug 31 j 01:08	0°♎	
retrograde	-11 Sep 06 j 13:43	2°♎10'39	
	-11 Sep 12 j 09:21	30°℞♍	
evening set	-11 Sep 13 j 00:20	29°♍29'54	
min. Earth dist.	-11 Sep 17 j 03:34	25°♍07'38	0.66304 AU
inferior conj	-11 Sep 18 j 15:59	23°♍16'04	-1°47'49
minimum elong	-11 Sep 18 j 18:43	23°♍07'40	1°46'44
asc. node	-11 Sep 24 j 00:28	17°♍47'54	
morning rise	-11 Sep 24 j 13:29	17°♍27'35	
direct	-11 Sep 27 j 14:48	16°♍34'31	
morning max el	-11 Oct 04 j 09:30	20°♍20'31	18°45'17
	-11 Oct 11 j 21:51	0°♎	
morning set	-11 Oct 25 j 12:00	21°♎12'07	
	-11 Oct 31 j 01:22	0°♏	
desc. node	-11 Nov 02 j 16:15	4°♏07'59	
max. Earth dist.	-11 Nov 10 j 05:58	16°♏02'34	1.44995 AU
superior conj	-11 Nov 10 j 16:15	16°♏42'57	-0°50'54
minimum elong	-11 Nov 10 j 09:49	16°♏17'41	0°50'06
	-11 Nov 19 j 02:13	0°♐	
evening rise	-11 Nov 26 j 08:53	11°♐36'55	
	-11 Dec 07 j 21:30	0°♑	
evening max el	-11 Dec 17 j 18:14	13°♑24'11	18°51'56
asc. node	-11 Dec 20 j 23:46	16°♑06'00	
retrograde	-11 Dec 24 j 13:16	17°♑14'23	
evening set	-11 Dec 27 j 18:02	16°♑15'35	
inferior conj	-10 Jan 02 j 11:09	10°♑32'04	3°23'52
minimum elong	-10 Jan 02 j 08:39	10°♑39'46	3°23'23
min. Earth dist.	-10 Jan 04 j 03:18	8°♑28'12	0.65377 AU
morning rise	-10 Jan 07 j 22:57	4°♑22'53	
direct	-10 Jan 14 j 13:45	1°♑31'20	
morning max el	-10 Jan 27 j 15:55	9°♑10'47	26°49'19
desc. node	-10 Jan 29 j 15:28	11°♑14'58	
	-10 Feb 13 j 00:44	0°♒	
	-10 Mar 02 j 22:14	0°♓	
morning set	-10 Mar 04 j 12:26	3°♓00'47	
max. Earth dist.	-10 Mar 08 j 21:31	11°♓35'30	1.34427 AU
superior conj	-10 Mar 13 j 00:08	19°♓59'39	-0°59'14
minimum elong	-10 Mar 13 j 02:57	20°♓14'18	0°58'43
	-10 Mar 17 j 18:32	0°♈	
asc. node	-10 Mar 18 j 23:06	2°♈30'08	
evening rise	-10 Mar 20 j 12:10	5°♈43'37	
	-10 Apr 02 j 22:07	0°♉	
evening max el	-10 Apr 09 j 04:57	7°♉32'03	21°16'34
retrograde	-10 Apr 21 j 03:21	13°♉19'59	
evening set	-10 Apr 23 j 11:22	13°♉07'25	
desc. node	-10 Apr 27 j 14:41	11°♉50'02	
inferior conj	-10 May 02 j 20:14	9°♉07'41	-1°29'24
minimum elong	-10 May 02 j 16:03	9°♉13'35	1°27'56
min. Earth dist.	-10 May 03 j 04:49	8°♉55'36	0.54984 AU
morning rise	-10 May 11 j 21:01	5°♉06'26	
direct	-10 May 15 j 00:56	4°♉44'44	
morning max el	-10 May 27 j 17:36	10°♉46'58	22°19'27
	-10 Jun 10 j 16:22	0°♊	
asc. node	-10 Jun 14 j 22:20	8°♊01'58	
morning set	-10 Jun 18 j 09:23	15°♊05'20	
	-10 Jun 25 j 10:18	0°♋	
superior conj	-10 Jun 25 j 14:30	0°♋22'11	1°31'57
minimum elong	-10 Jun 25 j 12:11	0°♋10'00	1°31'43
max. Earth dist.	-10 Jun 28 j 18:49	7°♋00'30	1.34377 AU
evening rise	-10 Jul 03 j 12:59	16°♋33'10	
	-10 Jul 10 j 18:56	0°♌	
desc. node	-10 Jul 24 j 14:01	21°♌53'05	
	-10 Jul 30 j 16:40	0°♍	
evening max el	-10 Aug 07 j 08:12	8°♍28'40	27°06'06
retrograde	-10 Aug 20 j 15:06	15°♍47'39	
evening set	-10 Aug 27 j 13:10	13°♍01'44	
min. Earth dist.	-10 Aug 31 j 09:21	9°♍16'28	0.65157 AU
inferior conj	-10 Sep 02 j 10:28	6°♍57'38	-2°42'46
minimum elong	-10 Sep 02 j 14:29	6°♍46'14	2°41'22
morning rise	-10 Sep 08 j 16:31	1°♍22'46	
asc. node	-10 Sep 10 j 21:31	0°♍43'27	
direct	-10 Sep 11 j 10:43	0°♍41'48	
morning max el	-10 Sep 17 j 23:32	4°♍13'35	18°11'14
	-10 Oct 05 j 06:04	0°♎	
morning set	-10 Oct 06 j 09:56	1°♎55'17	
superior conj	-10 Oct 20 j 19:30	25°♎17'18	-0°01'43
minimum elong	-10 Oct 20 j 19:18	25°♎16'26	0°01'41
behind sun begin	-10 Oct 20 j 08:25	24°♎33'13	
behind sun end	-10 Oct 21 j 06:10	25°♎59'37	
desc. node	-10 Oct 20 j 13:18	24°♎52'38	
	-10 Oct 23 j 18:57	0°♏	
max. Earth dist.	-10 Oct 24 j 00:38	0°♏22'25	1.44874 AU
evening rise	-10 Nov 06 j 07:15	21°♏07'03	
	-10 Nov 12 j 00:45	0°♐	
greatest brilliancy	-10 Nov 18 j 19:21	10°♐22'18	-0.7m
evening max el	-10 Dec 01 j 01:24	26°♐51'37	19°39'32
	-10 Dec 04 j 19:37	0°♑	
asc. node	-10 Dec 07 j 20:49	1°♑06'52	
retrograde	-10 Dec 08 j 10:16	1°♑08'38	
evening set	-10 Dec 11 j 22:17	29°♐56'53	
	-10 Dec 11 j 20:26	30°℞♐	
inferior conj	-10 Dec 17 j 10:42	23°♐58'57	2°52'06
minimum elong	-10 Dec 17 j 07:54	24°♐08'09	2°51'20
min. Earth dist.	-10 Dec 18 j 12:48	22°♐33'15	0.66488 AU
morning rise	-10 Dec 22 j 17:17	17°♐46'30	
direct	-10 Dec 28 j 19:41	15°♐04'09	
morning max el	-9 Jan 10 j 01:08	22°♐19'48	25°40'08
desc. node	-9 Jan 16 j 12:31	29°♐39'03	
	-9 Jan 16 j 19:17	0°♑	
	-9 Feb 06 j 07:28	0°♒	
morning set	-9 Feb 15 j 07:34	15°♒39'50	
max. Earth dist.	-9 Feb 19 j 02:49	22°♒45'29	1.36000 AU
	-9 Feb 22 j 20:25	0°♓	
superior conj	-9 Feb 24 j 17:30	3°♓44'17	-1°24'05
minimum elong	-9 Feb 24 j 21:12	4°♓02'53	1°23'34
evening rise	-9 Mar 04 j 17:57	20°♓04'44	
asc. node	-9 Mar 05 j 20:09	22°♓17'22	
	-9 Mar 09 j 18:28	0°♈	
evening max el	-9 Mar 22 j 13:31	18°♈54'43	20°00'36
retrograde	-9 Apr 01 j 18:57	23°♈49'08	
evening set	-9 Apr 03 j 21:21	23°♈37'38	
inferior conj	-9 Apr 12 j 18:22	19°♈37'52	0°29'25
minimum elong	-9 Apr 12 j 19:40	19°♈35'54	0°28'56
desc. node	-9 Apr 14 j 11:44	18°♈35'14	
min. Earth dist.	-9 Apr 14 j 18:56	18°♈24'27	0.55486 AU
morning rise	-9 Apr 21 j 15:51	15°♈10'34	
direct	-9 Apr 25 j 15:33	14°♈35'35	
morning max el	-9 May 09 j 10:21	21°♈25'33	24°00'07
	-9 May 16 j 20:22	0°♉	
asc. node	-9 Jun 01 j 19:24	27°♉48'38	
morning set	-9 Jun 02 j 21:09	0°♊03'12	
	-9 Jun 02 j 20:33	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-9 Jun 09 j 22:08	15°♊11'44	1°16'20
minimum elong	-9 Jun 09 j 19:38	14°♊58'18	1°15'57
max. Earth dist.	-9 Jun 11 j 20:55	19°♊22'59	1.33320 AU
	-9 Jun 16 j 23:07	0°♋	
evening rise	-9 Jun 17 j 07:57	0°♋44'37	
	-9 Jul 03 j 18:22	0°♌	
desc. node	-9 Jul 11 j 11:03	10°♌59'18	
evening max el	-9 Jul 20 j 18:58	21°♌38'26	27°25'17
retrograde	-9 Aug 03 j 10:37	28°♌58'17	
evening set	-9 Aug 10 j 15:01	26°♌18'24	
min. Earth dist.	-9 Aug 14 j 06:04	23°♌06'36	0.63647 AU
inferior conj	-9 Aug 16 j 20:16	20°♌27'34	-3°33'32
minimum elong	-9 Aug 17 j 01:01	20°♌15'22	3°32'13
morning rise	-9 Aug 23 j 12:05	15°♌09'25	
direct	-9 Aug 26 j 01:40	14°♌37'11	
asc. node	-9 Aug 28 j 18:35	15°♌13'30	
morning max el	-9 Sep 01 j 15:16	18°♌02'57	17°54'35
	-9 Sep 10 j 06:48	0°♍	
morning set	-9 Sep 18 j 09:51	13°♍53'24	
	-9 Sep 27 j 20:06	0°♎	
superior conj	-9 Sep 30 j 18:29	4°♎52'00	0°43'19
minimum elong	-9 Sep 30 j 22:45	5°♎09'35	0°42'45
max. Earth dist.	-9 Oct 06 j 17:19	14°♎31'30	1.44044 AU
desc. node	-9 Oct 07 j 10:20	15°♎39'29	
evening rise	-9 Oct 16 j 15:14	0°♏04'42	
	-9 Oct 16 j 14:01	0°♏	
	-9 Nov 05 j 19:04	0°♐	
evening max el	-9 Nov 14 j 03:19	10°♐20'03	20°41'32
retrograde	-9 Nov 22 j 07:54	15°♐10'37	
asc. node	-9 Nov 24 j 17:50	14°♐37'32	
evening set	-9 Nov 26 j 05:10	13°♐43'55	
inferior conj	-9 Dec 01 j 14:46	7°♐34'46	2°12'04
minimum elong	-9 Dec 01 j 12:13	7°♐43'26	2°11'12
min. Earth dist.	-9 Dec 02 j 04:21	6°♐48'25	0.67221 AU
morning rise	-9 Dec 06 j 19:04	1°♐21'13	
	-9 Dec 08 j 14:42	30°℞♏	
direct	-9 Dec 12 j 06:49	28°♏56'26	
	-9 Dec 16 j 07:11	0°♐	
morning max el	-9 Dec 23 j 09:26	5°♐34'11	24°16'38
desc. node	-8 Jan 03 j 09:33	18°♐49'09	
	-8 Jan 11 j 07:00	0°♑	
morning set	-8 Jan 28 j 05:55	27°♑13'37	
	-8 Jan 29 j 19:56	0°♒	
max. Earth dist.	-8 Jan 31 j 23:15	3°♒48'42	1.37951 AU
superior conj	-8 Feb 07 j 23:25	16°♒51'03	-1°44'57
minimum elong	-8 Feb 08 j 03:10	17°♒09'02	1°44'36
	-8 Feb 14 j 16:37	0°♓	
evening rise	-8 Feb 16 j 17:25	4°♓01'28	
asc. node	-8 Feb 20 j 17:11	11°♓47'00	
	-8 Mar 03 j 10:55	0°♈	
evening max el	-8 Mar 04 j 09:07	0°♈56'08	19°03'27
retrograde	-8 Mar 12 j 23:54	5°♈05'13	
evening set	-8 Mar 15 j 05:52	4°♈49'27	
inferior conj	-8 Mar 23 j 08:19	0°♈35'57	2°08'14
minimum elong	-8 Mar 23 j 12:32	0°♈28'36	2°07'01
	-8 Mar 24 j 04:55	30°℞♓	
min. Earth dist.	-8 Mar 26 j 10:37	28°♓27'48	0.56841 AU
desc. node	-8 Mar 31 j 08:45	25°♓43'26	
morning rise	-8 Mar 31 j 16:14	25°♓35'52	
direct	-8 Apr 05 j 18:53	24°♓34'19	
	-8 Apr 17 j 21:47	0°♈	
morning max el	-8 Apr 20 j 01:01	1°♈56'00	25°36'20
	-8 May 09 j 19:06	0°♉	
morning set	-8 May 17 j 08:55	15°♉01'08	
asc. node	-8 May 18 j 16:27	17°♉48'26	
superior conj	-8 May 24 j 08:43	0°♊09'13	0°56'49
minimum elong	-8 May 24 j 06:33	29°♉57'19	0°56'24
	-8 May 24 j 07:02	0°♊	
max. Earth dist.	-8 May 25 j 06:00	2°♊05'24	1.32654 AU
evening rise	-8 May 31 j 10:44	15°♊19'01	
	-8 Jun 07 j 23:08	0°♋	
desc. node	-8 Jun 27 j 08:03	29°♋13'29	
	-8 Jun 28 j 00:16	0°♌	
evening max el	-8 Jul 02 j 02:23	4°♌16'15	27°13'02
retrograde	-8 Jul 15 j 23:18	11°♌33'16	
evening set	-8 Jul 23 j 01:56	9°♌12'54	
min. Earth dist.	-8 Jul 26 j 16:30	6°♌25'43	0.61815 AU
inferior conj	-8 Jul 29 j 18:17	3°♌38'32	-4°15'33
minimum elong	-8 Jul 29 j 22:37	3°♌28'39	4°14'46
	-8 Aug 03 j 05:49	30°℞♋	
morning rise	-8 Aug 05 j 20:47	28°♋40'15	
direct	-8 Aug 08 j 08:20	28°♋13'55	
	-8 Aug 13 j 05:50	0°♌	
asc. node	-8 Aug 14 j 15:38	1°♌08'27	
morning max el	-8 Aug 15 j 05:51	1°♌41'52	17°56'22
morning set	-8 Aug 31 j 05:43	26°♌49'03	
	-8 Sep 01 j 23:44	0°♍	
superior conj	-8 Sep 10 j 20:49	15°♍47'41	1°16'42
minimum elong	-8 Sep 11 j 01:39	16°♍08'34	1°16'10
max. Earth dist.	-8 Sep 18 j 06:02	28°♍14'57	1.42615 AU
	-8 Sep 19 j 07:42	0°♎	
desc. node	-8 Sep 23 j 07:21	6°♎25'18	
evening rise	-8 Sep 25 j 02:00	9°♎14'05	
	-8 Oct 08 j 18:43	0°♏	
evening max el	-8 Oct 26 j 23:29	23°♏49'03	21°54'27
retrograde	-8 Nov 05 j 04:15	29°♏17'14	
evening set	-8 Nov 09 j 12:53	27°♏33'40	
asc. node	-8 Nov 10 j 14:51	26°♏35'23	
inferior conj	-8 Nov 14 j 21:15	21°♏16'36	1°25'45
minimum elong	-8 Nov 14 j 19:24	21°♏23'00	1°25'01
min. Earth dist.	-8 Nov 14 j 23:35	21°♏08'30	0.67606 AU
morning rise	-8 Nov 20 j 01:45	15°♏04'05	
direct	-8 Nov 24 j 22:18	13°♏01'14	
morning max el	-8 Dec 04 j 19:14	18°♏52'41	22°48'43
	-8 Dec 14 j 02:31	0°♐	
desc. node	-8 Dec 20 j 06:34	8°♐31'34	
	-7 Jan 03 j 11:17	0°♑	
morning set	-7 Jan 08 j 01:11	7°♑25'26	
max. Earth dist.	-7 Jan 12 j 18:51	15°♑23'04	1.40080 AU
superior conj	-7 Jan 20 j 13:20	29°♑07'16	-1°58'44
minimum elong	-7 Jan 20 j 15:35	29°♑17'30	1°58'38
	-7 Jan 21 j 00:53	0°♒	
evening rise	-7 Jan 30 j 07:32	17°♒25'26	
	-7 Feb 06 j 02:20	0°♓	
asc. node	-7 Feb 06 j 14:13	0°♓51'57	
evening max el	-7 Feb 15 j 13:13	13°♓29'09	18°26'16
retrograde	-7 Feb 22 j 23:50	17°♓09'02	
evening set	-7 Feb 25 j 11:02	16°♓46'05	
inferior conj	-7 Mar 04 j 19:07	12°♓12'25	3°12'34
minimum elong	-7 Mar 04 j 22:48	12°♓04'56	3°11'52
min. Earth dist.	-7 Mar 08 j 05:30	9°♓26'28	0.58743 AU
morning rise	-7 Mar 12 j 08:02	6°♓44'10	
direct	-7 Mar 18 j 11:12	5°♓06'19	
desc. node	-7 Mar 18 j 05:46	5°♓06'27	
morning max el	-7 Apr 01 j 19:17	12°♓45'46	26°53'01
	-7 Apr 15 j 09:11	0°♈	
morning set	-7 May 01 j 19:03	29°♈53'08	
	-7 May 01 j 20:22	0°♉	
asc. node	-7 May 05 j 13:30	7°♉56'01	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	-7 May 08 j 20:27	15°♉08'00	0°34'12
minimum elong	-7 May 08 j 19:00	15°♉00'00	0°33'55
max. Earth dist.	-7 May 08 j 18:35	14°♉57'47	1.32351 AU
evening rise	-7 May 15 j 18:36	0°♊07'09	
	-7 May 15 j 17:15	0°♊	
	-7 Jun 01 j 04:33	0°♋	
evening max el	-7 Jun 14 j 03:49	16°♋11'01	26°27'45
desc. node	-7 Jun 14 j 05:04	16°♋13'58	
retrograde	-7 Jun 28 j 03:51	23°♋24'56	
evening set	-7 Jul 04 j 17:24	21°♋36'39	
min. Earth dist.	-7 Jul 08 j 16:56	18°♋59'16	0.59779 AU
inferior conj	-7 Jul 12 j 01:00	16°♋21'17	-4°41'33
minimum elong	-7 Jul 12 j 03:03	16°♋17'13	4°41'25
morning rise	-7 Jul 19 j 14:42	11°♋45'26	
direct	-7 Jul 22 j 02:26	11°♋23'04	
morning max el	-7 Jul 29 j 16:19	15°♋02'48	18°17'43
asc. node	-7 Aug 01 j 12:41	18°♋13'22	
	-7 Aug 09 j 01:11	0°♌	
morning set	-7 Aug 14 j 16:04	10°♌27'02	
superior conj	-7 Aug 24 j 00:09	27°♌58'01	1°37'07
minimum elong	-7 Aug 24 j 03:17	28°♌12'19	1°36'54
	-7 Aug 25 j 03:01	0°♍	
max. Earth dist.	-7 Aug 31 j 13:33	11°♍19'31	1.40765 AU
evening rise	-7 Sep 05 j 07:22	19°♍16'13	
desc. node	-7 Sep 10 j 04:23	27°♍06'55	
	-7 Sep 12 j 00:35	0°♎	
	-7 Oct 03 j 03:51	0°♏	
evening max el	-7 Oct 09 j 14:41	7°♏20'07	23°13'36
retrograde	-7 Oct 19 j 22:02	13°♏26'19	
evening set	-7 Oct 24 j 19:48	11°♏24'46	
asc. node	-7 Oct 28 j 11:52	7°♏20'39	
inferior conj	-7 Oct 30 j 04:22	5°♏03'21	0°34'46
minimum elong	-7 Oct 30 j 03:33	5°♏06'09	0°34'25
min. Earth dist.	-7 Oct 29 j 20:10	5°♏31'32	0.67662 AU
	-7 Nov 03 j 05:58	30°℞♎	
morning rise	-7 Nov 04 j 11:15	28°♎54'05	
direct	-7 Nov 08 j 17:18	27°♎13'56	
	-7 Nov 14 j 21:12	0°♏	
morning max el	-7 Nov 17 j 10:16	2°♏19'54	21°25'03
desc. node	-7 Dec 07 j 03:37	28°♏37'43	
	-7 Dec 08 j 01:40	0°♐	
morning set	-7 Dec 18 j 15:44	16°♐16'27	
max. Earth dist.	-7 Dec 25 j 20:17	27°♐51'36	1.42093 AU
	-7 Dec 27 j 03:22	0°♑	
superior conj	-6 Jan 02 j 06:00	10°♑20'36	-2°01'16
minimum elong	-6 Jan 02 j 04:36	10°♑14'34	2°01'14
evening rise	-6 Jan 13 j 08:49	0°♒09'24	
	-6 Jan 13 j 06:45	0°♒	
asc. node	-6 Jan 24 j 11:13	19°♒24'35	
evening max el	-6 Jan 29 j 22:52	26°♒25'48	18°09'02
retrograde	-6 Feb 05 j 17:02	29°♒52'22	
evening set	-6 Feb 08 j 08:51	29°♒20'48	
inferior conj	-6 Feb 15 j 01:46	24°♒25'56	3°43'59
minimum elong	-6 Feb 15 j 03:18	24°♒22'17	3°43'51
min. Earth dist.	-6 Feb 18 j 06:46	21°♒25'57	0.60841 AU
morning rise	-6 Feb 21 j 20:05	18°♒38'21	
direct	-6 Feb 28 j 14:51	16°♒24'12	
desc. node	-6 Mar 05 j 02:48	17°♒18'24	
morning max el	-6 Mar 14 j 19:55	24°♒13'34	27°38'00
	-6 Mar 20 j 01:49	0°♓	
	-6 Apr 08 j 15:00	0°♈	
morning set	-6 Apr 16 j 01:43	14°♈32'40	
asc. node	-6 Apr 22 j 10:32	28°♈06'56	
max. Earth dist.	-6 Apr 22 j 06:44	27°♈46'13	1.32408 AU

superior conj	-6 Apr 23 j 07:39	0°♉02'15	0°09'19
minimum elong	-6 Apr 23 j 07:13	29°♈59'55	0°09'14
behind sun begin	-6 Apr 23 j 03:05	29°♈37'17	
behind sun end	-6 Apr 23 j 11:21	0°♉22'33	
	-6 Apr 23 j 07:14	0°♉	
evening rise	-6 Apr 30 j 05:24	15°♉01'15	
	-6 May 07 j 17:40	0°♊	
evening max el	-6 May 26 j 22:14	27°♊20'27	25°13'43
	-6 May 29 j 23:27	0°♋	
desc. node	-6 Jun 01 j 02:05	1°♋30'42	
retrograde	-6 Jun 09 j 22:43	4°♋29'14	
evening set	-6 Jun 15 j 09:58	3°♋19'52	
min. Earth dist.	-6 Jun 20 j 09:57	0°♋34'04	0.57766 AU
	-6 Jun 21 j 06:17	30°℞♊	
inferior conj	-6 Jun 23 j 12:58	28°♊25'47	-4°40'44
minimum elong	-6 Jun 23 j 10:42	28°♊29'41	4°40'36
morning rise	-6 Jul 01 j 14:10	24°♊12'10	
direct	-6 Jul 04 j 03:29	23°♊52'37	
morning max el	-6 Jul 12 j 19:40	27°♊56'25	18°59'36
	-6 Jul 14 j 19:14	0°♋	
asc. node	-6 Jul 19 j 09:44	6°♋13'04	
morning set	-6 Jul 29 j 12:36	24°♋35'17	
	-6 Aug 01 j 06:20	0°♌	
superior conj	-6 Aug 06 j 22:43	11°♌06'05	1°46'10
minimum elong	-6 Aug 06 j 23:42	11°♌10'46	1°46'09
max. Earth dist.	-6 Aug 13 j 16:44	23°♌39'16	1.38746 AU
	-6 Aug 17 j 07:01	0°♍	
evening rise	-6 Aug 17 j 13:26	0°♍27'46	
desc. node	-6 Aug 28 j 01:26	17°♍39'38	
	-6 Sep 05 j 08:21	0°♎	
evening max el	-6 Sep 22 j 02:49	20°♎53'51	24°33'03
retrograde	-6 Oct 03 j 12:11	27°♎33'22	
evening set	-6 Oct 09 j 00:14	25°♎14'12	
min. Earth dist.	-6 Oct 13 j 15:45	19°♎54'39	0.67393 AU
inferior conj	-6 Oct 14 j 10:23	18°♎52'23	-0°19'28
minimum elong	-6 Oct 14 j 10:52	18°♎50'47	0°19'16
asc. node	-6 Oct 15 j 08:55	17°♎37'41	
morning rise	-6 Oct 19 j 21:34	12°♎48'49	
direct	-6 Oct 23 j 14:44	11°♎29'33	
morning max el	-6 Oct 31 j 08:40	15°♎57'14	20°11'41
	-6 Nov 11 j 07:47	0°♏	
desc. node	-6 Nov 24 j 00:41	19°♏00'29	
morning set	-6 Nov 27 j 12:55	24°♏24'44	
	-6 Dec 01 j 03:11	0°♐	
max. Earth dist.	-6 Dec 08 j 05:01	11°♐11'18	1.43708 AU
superior conj	-6 Dec 13 j 20:40	20°♐21'06	-1°47'58
minimum elong	-6 Dec 13 j 14:24	19°♐55'25	1°47'33
	-6 Dec 19 j 15:44	0°♑	
evening rise	-6 Dec 26 j 17:05	12°♑05'03	
	-5 Jan 06 j 06:38	0°♒	
asc. node	-5 Jan 11 j 08:14	7°♒15'24	
evening max el	-5 Jan 13 j 11:09	9°♒38'38	18°11'15
retrograde	-5 Jan 19 j 23:04	13°♒05'31	
evening set	-5 Jan 22 j 19:18	12°♒24'19	
inferior conj	-5 Jan 29 j 00:37	7°♒09'15	3°49'53
minimum elong	-5 Jan 29 j 00:03	7°♒10'45	3°49'51
min. Earth dist.	-5 Jan 31 j 16:56	4°♒18'35	0.62843 AU
morning rise	-5 Feb 04 j 03:51	1°♒10'01	
	-5 Feb 05 j 21:28	30°℞♑	
direct	-5 Feb 11 j 03:48	28°♑29'27	
	-5 Feb 16 j 19:37	0°♒	
desc. node	-5 Feb 19 j 23:51	1°♒57'55	
morning max el	-5 Feb 25 j 02:04	6°♒22'18	27°46'01
	-5 Mar 15 j 01:30	0°♓	
morning set	-5 Mar 31 j 02:46	28°♓52'30	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-5 Mar 31 j 16:07	0°♈	
max. Earth dist.	-5 Apr 05 j 14:27	10°♈16'47	1.32848 AU
superior conj	-5 Apr 07 j 16:38	14°♈46'15	-0°17'06
minimum elong	-5 Apr 07 j 17:27	14°♈50'38	0°16'54
asc. node	-5 Apr 09 j 07:36	18°♈17'10	
evening rise	-5 Apr 14 j 17:13	29°♈54'51	
	-5 Apr 14 j 18:12	0°♉	
	-5 May 01 j 15:50	0°♊	
evening max el	-5 May 08 j 12:48	8°♊00'09	23°42'05
desc. node	-5 May 18 j 23:06	14°♊27'43	
retrograde	-5 May 22 j 05:51	14°♊52'14	
evening set	-5 May 26 j 06:11	14°♊16'42	
min. Earth dist.	-5 Jun 01 j 23:32	11°♊07'38	0.56103 AU
inferior conj	-5 Jun 04 j 04:52	9°♊47'06	-4°00'22
minimum elong	-5 Jun 03 j 22:21	9°♊56'58	3°59'03
morning rise	-5 Jun 12 j 17:23	5°♊49'31	
direct	-5 Jun 15 j 09:13	5°♊31'39	
morning max el	-5 Jun 25 j 13:16	10°♊13'56	20°02'25
asc. node	-5 Jul 06 j 06:50	24°♊55'10	
	-5 Jul 09 j 01:30	0°♋	
morning set	-5 Jul 13 j 16:16	9°♋06'04	
superior conj	-5 Jul 21 j 11:16	24°♋57'08	1°46'04
minimum elong	-5 Jul 21 j 10:29	24°♋53'08	1°46'03
	-5 Jul 24 j 00:23	0°♌	
max. Earth dist.	-5 Jul 26 j 21:03	5°♌31'33	1.36820 AU
evening rise	-5 Jul 30 j 18:35	12°♌46'30	
	-5 Aug 09 j 19:57	0°♍	
desc. node	-5 Aug 14 j 22:27	7°♍58'30	
	-5 Aug 31 j 08:12	0°♎	
evening max el	-5 Sep 04 j 14:20	4°♎30'46	25°45'25
retrograde	-5 Sep 16 j 21:49	11°♎33'35	
evening set	-5 Sep 23 j 00:21	8°♎59'29	
min. Earth dist.	-5 Sep 27 j 07:56	4°♎15'36	0.66799 AU
inferior conj	-5 Sep 28 j 13:32	2°♎41'23	-1°15'28
minimum elong	-5 Sep 28 j 15:27	2°♎35'18	1°14'40
	-5 Sep 30 j 18:05	30°℞♍	
asc. node	-5 Oct 02 j 06:00	28°♍24'22	
morning rise	-5 Oct 04 j 06:47	26°♍46'19	
direct	-5 Oct 07 j 13:11	25°♍44'44	
morning max el	-5 Oct 14 j 14:29	29°♍43'26	19°12'13
	-5 Oct 14 j 20:57	0°♎	
	-5 Nov 04 j 18:29	0°♏	
morning set	-5 Nov 06 j 16:52	3°♏00'52	
desc. node	-5 Nov 10 j 21:43	9°♏34'44	
max. Earth dist.	-5 Nov 20 j 19:54	25°♏08'53	1.44728 AU
superior conj	-5 Nov 23 j 09:57	29°♏14'13	-1°16'16
minimum elong	-5 Nov 23 j 01:43	28°♏41'38	1°15'23
	-5 Nov 23 j 21:29	0°♐	
evening rise	-5 Dec 08 j 03:59	23°♐04'26	
	-5 Dec 12 j 08:44	0°♑	
evening max el	-5 Dec 27 j 23:19	23°♑01'01	18°32'05
asc. node	-5 Dec 29 j 05:17	24°♑11'56	
retrograde	-4 Jan 03 j 13:31	26°♑39'33	
evening set	-4 Jan 06 j 14:52	25°♑47'35	
inferior conj	-4 Jan 12 j 11:42	20°♑14'02	3°37'20
minimum elong	-4 Jan 12 j 09:41	20°♑19'57	3°37'03
min. Earth dist.	-4 Jan 14 j 12:42	17°♑49'58	0.64561 AU
morning rise	-4 Jan 18 j 04:01	14°♑07'47	
direct	-4 Jan 25 j 00:14	11°♑15'49	
desc. node	-4 Feb 06 j 20:55	18°♑28'11	
morning max el	-4 Feb 07 j 11:07	19°♑03'14	27°18'38
	-4 Feb 16 j 18:50	0°♒	
	-4 Mar 07 j 00:17	0°♓	
morning set	-4 Mar 13 j 19:17	12°♓42'13	
max. Earth dist.	-4 Mar 18 j 13:42	22°♓16'33	1.33719 AU
superior conj	-4 Mar 21 j 21:26	29°♓12'45	-0°43'59
minimum elong	-4 Mar 21 j 23:33	29°♓23'57	0°43'34
	-4 Mar 22 j 06:22	0°♈	
asc. node	-4 Mar 26 j 04:38	8°♈21'48	
evening rise	-4 Mar 29 j 04:13	14°♈40'35	
	-4 Apr 05 j 23:01	0°♉	
evening max el	-4 Apr 19 j 06:04	18°♉37'08	22°07'20
retrograde	-4 May 02 j 00:20	24°♉52'40	
evening set	-4 May 04 j 18:41	24°♉35'46	
desc. node	-4 May 04 j 20:08	24°♉35'01	
min. Earth dist.	-4 May 13 j 12:16	20°♉51'42	0.55135 AU
inferior conj	-4 May 14 j 04:19	20°♉29'06	-2°34'32
minimum elong	-4 May 13 j 21:44	20°♉38'24	2°32'29
morning rise	-4 May 23 j 02:15	16°♉34'19	
direct	-4 May 25 j 23:53	16°♉15'24	
morning max el	-4 Jun 06 j 19:32	21°♉47'36	21°24'54
	-4 Jun 13 j 18:22	0°♊	
asc. node	-4 Jun 22 j 03:55	14°♊08'26	
morning set	-4 Jun 27 j 00:35	23°♊51'56	
	-4 Jun 29 j 23:04	0°♋	
superior conj	-4 Jul 04 j 09:36	9°♋18'04	1°38'47
minimum elong	-4 Jul 04 j 07:39	9°♋07'59	1°38'38
max. Earth dist.	-4 Jul 08 j 08:37	17°♋23'41	1.35168 AU
evening rise	-4 Jul 12 j 18:01	25°♋59'11	
	-4 Jul 14 j 21:18	0°♌	
desc. node	-4 Jul 31 j 19:29	27°♌56'51	
	-4 Aug 02 j 05:42	0°♍	
evening max el	-4 Aug 17 j 02:20	18°♍06'01	26°42'53
retrograde	-4 Aug 30 j 02:14	25°♍21'05	
evening set	-4 Sep 05 j 18:01	22°♍37'23	
min. Earth dist.	-4 Sep 09 j 18:16	18°♍30'40	0.65861 AU
inferior conj	-4 Sep 11 j 11:50	16°♍27'12	-2°11'27
minimum elong	-4 Sep 11 j 15:10	16°♍17'19	2°10'10
morning rise	-4 Sep 17 j 12:47	10°♍43'48	
asc. node	-4 Sep 18 j 03:05	10°♍26'25	
direct	-4 Sep 20 j 10:47	9°♍56'14	
morning max el	-4 Sep 27 j 02:08	13°♍35'13	18°28'37
	-4 Oct 08 j 21:13	0°♎	
morning set	-4 Oct 16 j 22:13	12°♎55'38	
desc. node	-4 Oct 27 j 18:45	0°♏16'41	
	-4 Oct 27 j 14:32	0°♏	
superior conj	-4 Nov 01 j 10:30	7°♏37'36	-0°30'16
minimum elong	-4 Nov 01 j 06:32	7°♏21'56	0°29'44
max. Earth dist.	-4 Nov 02 j 14:25	9°♏27'24	1.45038 AU
	-4 Nov 15 j 16:05	0°♐	
evening rise	-4 Nov 17 j 15:05	3°♐05'23	
greatest brilliancy	-4 Nov 27 j 07:37	18°♐20'57	-0.8m
	-4 Dec 05 j 02:54	0°♑	
evening max el	-4 Dec 10 j 08:58	6°♑28'09	19°10'21
asc. node	-4 Dec 15 j 02:20	9°♑59'49	
retrograde	-4 Dec 17 j 08:57	10°♑28'21	
evening set	-4 Dec 20 j 16:40	9°♑24'10	
inferior conj	-4 Dec 26 j 07:32	3°♑34'19	3°11'31
minimum elong	-4 Dec 26 j 04:50	3°♑42'54	3°10'55
min. Earth dist.	-4 Dec 27 j 17:31	1°♑46'25	0.65902 AU
	-4 Dec 29 j 04:31	30°℞♐	
morning rise	-4 Dec 31 j 16:45	27°♐23'47	
direct	-3 Jan 07 j 02:49	24°♐34'48	
	-3 Jan 17 j 16:08	0°♑	
morning max el	-3 Jan 19 j 20:39	2°♑05'08	26°22'16
desc. node	-3 Jan 23 j 17:57	6°♑17'51	
	-3 Feb 09 j 22:29	0°♒	
morning set	-3 Feb 24 j 23:33	25°♒50'56	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-3 Feb 27 j 03:58	0°♓	
max. Earth dist.	-3 Mar 01 j 01:47	3°♓42'42	1.35047 AU
superior conj	-3 Mar 05 j 19:46	13°♓15'08	-1°10'05
minimum elong	-3 Mar 05 j 23:02	13°♓31'51	1°09'34
asc. node	-3 Mar 13 j 01:40	28°♓16'53	
evening rise	-3 Mar 13 j 12:30	29°♓12'48	
	-3 Mar 13 j 21:41	0°♈	
evening max el	-3 Apr 01 j 08:08	29°♈38'26	20°42'05
	-3 Apr 01 j 17:14	0°♉	
retrograde	-3 Apr 12 j 13:08	5°♉02'58	
evening set	-3 Apr 14 j 17:21	4°♉51'33	
desc. node	-3 Apr 21 j 17:09	2°♉09'05	
inferior conj	-3 Apr 23 j 22:34	0°♉53'58	-0°38'20
minimum elong	-3 Apr 23 j 20:45	0°♉56'34	0°37'41
min. Earth dist.	-3 Apr 25 j 01:19	0°♉15'37	0.55089 AU
	-3 Apr 25 j 12:19	30°℞♈	
morning rise	-3 May 02 j 23:21	26°♈43'43	
direct	-3 May 06 j 10:43	26°♈17'40	
	-3 May 16 j 10:43	0°♉	
morning max el	-3 May 19 j 15:51	2°♉41'05	23°01'52
	-3 Jun 07 j 03:49	0°♊	
asc. node	-3 Jun 09 j 00:57	3°♊44'46	
morning set	-3 Jun 11 j 11:35	8°♊47'04	
superior conj	-3 Jun 18 j 14:32	23°♊59'17	1°25'51
minimum elong	-3 Jun 18 j 12:05	23°♊46'12	1°25'33
max. Earth dist.	-3 Jun 21 j 05:48	29°♊34'02	1.33884 AU
	-3 Jun 21 j 10:45	0°♋	
evening rise	-3 Jun 26 j 07:00	9°♋52'24	
	-3 Jul 07 j 06:52	0°♌	
desc. node	-3 Jul 18 j 16:30	17°♌25'33	
	-3 Jul 29 j 02:12	0°♍	
evening max el	-3 Jul 30 j 14:06	1°♍28'46	27°17'52
retrograde	-3 Aug 13 j 00:55	8°♍47'53	
evening set	-3 Aug 20 j 02:34	6°♍03'12	
min. Earth dist.	-3 Aug 23 j 20:20	2°♍32'54	0.64561 AU
inferior conj	-3 Aug 26 j 02:58	0°♍04'38	-3°05'03
minimum elong	-3 Aug 26 j 07:24	29°♌52'34	3°03'37
	-3 Aug 26 j 04:40	30°℞♌	
morning rise	-3 Sep 01 j 13:01	24°♌36'24	
direct	-3 Sep 04 j 05:04	23°♌59'23	
asc. node	-3 Sep 05 j 00:09	24°♌02'42	
morning max el	-3 Sep 10 j 17:11	27°♌27'17	18°01'58
	-3 Sep 12 j 23:28	0°♍	
morning set	-3 Sep 28 j 07:56	24°♍13'19	
	-3 Oct 01 j 18:26	0°♎	
superior conj	-3 Oct 11 j 20:16	16°♎32'26	0°18'33
minimum elong	-3 Oct 11 j 22:26	16°♎41'10	0°18'14
desc. node	-3 Oct 14 j 15:47	21°♎02'40	
max. Earth dist.	-3 Oct 16 j 09:13	23°♎47'17	1.44608 AU
	-3 Oct 20 j 07:50	0°♏	
evening rise	-3 Oct 28 j 05:46	12°♏18'06	
	-3 Nov 08 j 20:05	0°♐	
greatest brilliancy	-3 Nov 11 j 05:16	3°♐33'07	-0.6m
evening max el	-3 Nov 23 j 14:02	19°♐56'13	20°04'17
retrograde	-3 Dec 01 j 06:27	24°♐26'32	
asc. node	-3 Dec 01 j 23:23	24°♐23'42	
evening set	-3 Dec 04 j 22:16	23°♐08'26	
inferior conj	-3 Dec 10 j 09:15	17°♐05'11	2°35'58
minimum elong	-3 Dec 10 j 06:30	17°♐14'24	2°35'08
min. Earth dist.	-3 Dec 11 j 05:45	15°♐56'36	0.66849 AU
morning rise	-3 Dec 15 j 14:33	10°♐52'12	
direct	-3 Dec 21 j 10:50	8°♐16'52	
morning max el	-2 Jan 02 j 05:24	15°♐17'12	25°05'46
desc. node	-2 Jan 10 j 14:58	25°♐03'13	
	-2 Jan 14 j 08:13	0°♑	
	-2 Feb 02 j 19:47	0°♒	
morning set	-2 Feb 07 j 10:32	8°♒03'47	
max. Earth dist.	-2 Feb 11 j 02:59	14°♒47'15	1.36800 AU
superior conj	-2 Feb 17 j 08:41	26°♒44'34	-1°33'35
minimum elong	-2 Feb 17 j 12:33	27°♒03'37	1°33'07
	-2 Feb 19 j 00:08	0°♓	
evening rise	-2 Feb 25 j 15:54	13°♓24'24	
asc. node	-2 Feb 27 j 22:42	17°♓57'22	
	-2 Mar 06 j 11:22	0°♈	
evening max el	-2 Mar 14 j 21:25	11°♈17'07	19°33'47
retrograde	-2 Mar 24 j 09:30	15°♈51'00	
evening set	-2 Mar 26 j 12:51	15°♈38'08	
inferior conj	-2 Apr 04 j 02:14	11°♈33'17	1°15'10
minimum elong	-2 Apr 04 j 05:15	11°♈28'27	1°14'10
min. Earth dist.	-2 Apr 06 j 15:41	9°♈55'27	0.55972 AU
desc. node	-2 Apr 08 j 14:09	8°♈46'30	
morning rise	-2 Apr 12 j 19:02	6°♈52'15	
direct	-2 Apr 17 j 05:38	6°♈07'53	
morning max el	-2 May 01 j 07:00	13°♈12'51	24°42'40
	-2 May 14 j 07:26	0°♉	
morning set	-2 May 26 j 23:33	23°♉46'05	
asc. node	-2 May 26 j 21:59	23°♉37'53	
	-2 May 29 j 21:32	0°♊	
superior conj	-2 Jun 02 j 23:39	8°♊53'14	1°08'28
minimum elong	-2 Jun 02 j 21:14	8°♊40'08	1°08'05
max. Earth dist.	-2 Jun 04 j 11:22	12°♊06'44	1.32986 AU
evening rise	-2 Jun 10 j 05:38	24°♊14'48	
	-2 Jun 13 j 02:41	0°♋	
	-2 Jun 30 j 21:49	0°♌	
desc. node	-2 Jul 05 j 13:31	6°♌12'11	
evening max el	-2 Jul 12 j 23:38	14°♌26'24	27°24'05
retrograde	-2 Jul 26 j 17:33	21°♌45'18	
evening set	-2 Aug 02 j 22:37	19°♌11'39	
min. Earth dist.	-2 Aug 06 j 12:32	16°♌12'11	0.62903 AU
inferior conj	-2 Aug 09 j 08:09	13°♌27'44	-3°52'46
minimum elong	-2 Aug 09 j 12:55	13°♌16'07	3°51'38
morning rise	-2 Aug 16 j 04:27	8°♌17'58	
direct	-2 Aug 18 j 16:55	7°♌48'31	
asc. node	-2 Aug 22 j 21:11	9°♌11'02	
morning max el	-2 Aug 25 j 08:53	11°♌13'51	17°53'07
	-2 Sep 06 j 22:52	0°♍	
morning set	-2 Sep 10 j 17:07	6°♍38'27	
superior conj	-2 Sep 22 j 06:51	26°♍42'11	0°59'04
minimum elong	-2 Sep 22 j 11:46	27°♍02'50	0°58'28
	-2 Sep 24 j 06:14	0°♎	
max. Earth dist.	-2 Sep 29 j 00:44	7°♎48'45	1.43501 AU
desc. node	-2 Oct 01 j 12:49	11°♎49'49	
evening rise	-2 Oct 07 j 12:43	21°♎15'18	
	-2 Oct 13 j 05:37	0°♏	
	-2 Nov 03 j 11:57	0°♐	
evening max el	-2 Nov 06 j 13:24	3°♐24'32	21°11'19
retrograde	-2 Nov 15 j 03:53	8°♐31'09	
asc. node	-2 Nov 18 j 20:24	7°♐14'35	
evening set	-2 Nov 19 j 05:44	6°♐57'23	
inferior conj	-2 Nov 24 j 14:36	0°♐44'06	1°53'05
minimum elong	-2 Nov 24 j 12:18	0°♐52'01	1°52'14
min. Earth dist.	-2 Nov 24 j 23:13	0°♐14'28	0.67429 AU
	-2 Nov 25 j 03:25	30°℞♏	
morning rise	-2 Nov 29 j 18:42	24°♏30'38	
direct	-2 Dec 04 j 23:51	22°♏15'07	
morning max el	-2 Dec 15 j 14:10	28°♏34'02	23°39'09
	-2 Dec 16 j 23:09	0°♐	
desc. node	-2 Dec 28 j 12:00	14°♐28'25	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	-1 Jan 08 j 02:37	0°♑	
morning set	-1 Jan 19 j 22:04	19°♑04'25	
max. Earth dist.	-1 Jan 23 j 22:07	25°♑59'40	1.38851 AU
	-1 Jan 26 j 04:09	0°♒	
superior conj	-1 Jan 31 j 08:21	9°♒30'53	-1°51'54
minimum elong	-1 Jan 31 j 11:42	9°♒46'37	1°51'39
evening rise	-1 Feb 09 j 11:47	27°♒08'08	
	-1 Feb 10 j 23:14	0°♓	
asc. node	-1 Feb 14 j 19:43	7°♓17'23	
evening max el	-1 Feb 25 j 20:55	23°♓32'37	18°45'09
retrograde	-1 Mar 05 j 22:32	27°♓27'36	
evening set	-1 Mar 08 j 06:32	27°♓09'11	
inferior conj	-1 Mar 16 j 00:54	22°♓47'35	2°39'57
minimum elong	-1 Mar 16 j 05:14	22°♓39'31	2°38'52
min. Earth dist.	-1 Mar 19 j 08:40	20°♓20'28	0.57595 AU
morning rise	-1 Mar 24 j 00:56	17°♓34'03	
desc. node	-1 Mar 26 j 11:10	16°♓42'19	
direct	-1 Mar 29 j 14:36	16°♓17'47	
morning max el	-1 Apr 12 j 22:52	23°♓49'16	26°12'20
	-1 Apr 18 j 13:05	0°♈	
	-1 May 07 j 04:16	0°♉	
morning set	-1 May 11 j 10:49	8°♉42'25	
asc. node	-1 May 13 j 19:01	13°♉41'38	
superior conj	-1 May 18 j 10:56	23°♉52'14	0°47'33
minimum elong	-1 May 18 j 09:01	23°♉41'44	0°47'11
max. Earth dist.	-1 May 18 j 22:15	24°♉54'16	1.32471 AU
	-1 May 21 j 06:15	0°♊	
evening rise	-1 May 25 j 10:50	8°♊55'56	
	-1 Jun 05 j 11:44	0°♋	
desc. node	-1 Jun 22 j 10:31	23°♋58'18	
evening max el	-1 Jun 25 j 04:31	26°♋46'06	26°57'44
	-1 Jun 28 j 23:38	0°♌	
retrograde	-1 Jul 09 j 03:15	4°♌02'50	
evening set	-1 Jul 16 j 01:51	1°♌54'28	
	-1 Jul 18 j 19:26	30°℞♋	
min. Earth dist.	-1 Jul 19 j 18:32	29°♋13'41	0.60957 AU
inferior conj	-1 Jul 23 j 00:05	26°♋27'38	-4°29'07
minimum elong	-1 Jul 23 j 03:43	26°♋19'49	4°28'38
morning rise	-1 Jul 30 j 07:20	21°♋39'00	
direct	-1 Aug 01 j 18:36	21°♋14'41	
morning max el	-1 Aug 08 j 22:09	24°♋46'29	18°03'03
asc. node	-1 Aug 09 j 18:13	25°♋37'36	
	-1 Aug 13 j 06:02	0°♌	
morning set	-1 Aug 24 j 19:43	19°♌53'20	
	-1 Aug 30 j 07:12	0°♍	
superior conj	-1 Sep 03 j 20:27	8°♍11'24	1°26'52
minimum elong	-1 Sep 04 j 00:42	8°♍30'14	1°26'28
max. Earth dist.	-1 Sep 11 j 10:38	21°♍14'23	1.41861 AU
	-1 Sep 16 j 19:10	0°♎	
evening rise	-1 Sep 17 j 05:53	0°♎42'55	
desc. node	-1 Sep 18 j 09:52	2°♎34'23	
	-1 Oct 06 j 18:28	0°♏	
evening max el	-1 Oct 20 j 07:13	16°♏54'08	22°27'40
retrograde	-1 Oct 29 j 23:27	22°♏39'22	
evening set	-1 Nov 03 j 13:21	20°♏48'24	
asc. node	-1 Nov 05 j 17:26	18°♏38'14	
inferior conj	-1 Nov 08 j 21:37	14°♏28'53	1°04'39
minimum elong	-1 Nov 08 j 20:11	14°♏33'53	1°04'02
min. Earth dist.	-1 Nov 08 j 19:28	14°♏36'20	0.67665 AU
morning rise	-1 Nov 14 j 02:52	8°♏17'11	
direct	-1 Nov 18 j 17:03	6°♏24'01	
morning max el	-1 Nov 28 j 01:50	11°♏56'11	22°12'08
	-1 Dec 12 j 08:08	0°♐	
desc. node	-1 Dec 15 j 09:04	4°♐22'19	
morning set	-1 Dec 31 j 04:56	28°♐41'15	
	00 Jan 01 j 00:22	0°♑	
max. Earth dist.	00 Jan 05 j 19:08	7°♑54'12	1.40964 AU
superior conj	00 Jan 13 j 14:00	21°♑22'45	-2°01'28
minimum elong	00 Jan 13 j 14:58	21°♑27'04	2°01'26
	00 Jan 18 j 08:16	0°♒	
evening rise	00 Jan 23 j 21:00	10°♒16'41	
asc. node	00 Feb 01 j 16:45	26°♒10'14	
	00 Feb 04 j 03:05	0°♓	
evening max el	00 Feb 09 j 03:54	6°♓17'51	18°16'35
retrograde	00 Feb 16 j 06:09	9°♓50'00	
evening set	00 Feb 18 j 19:22	9°♓23'35	
inferior conj	00 Feb 25 j 20:36	4°♓41'16	3°29'29
minimum elong	00 Feb 25 j 23:27	4°♓35'04	3°29'04
min. Earth dist.	00 Feb 29 j 06:12	1°♓45'57	0.59630 AU
	00 Mar 02 j 13:56	30°℞♒	
morning rise	00 Mar 04 j 01:18	29°♒03'43	
direct	00 Mar 10 j 12:34	27°♒09'20	
desc. node	00 Mar 12 j 08:12	27°♒18'06	
	00 Mar 18 j 20:22	0°♓	
morning max el	00 Mar 24 j 19:42	4°♓54'21	27°16'25
	00 Apr 12 j 08:48	0°♈	
morning set	00 Apr 24 j 19:43	23°♈30'09	
	00 Apr 27 j 21:20	0°♉	
asc. node	00 Apr 29 j 16:04	3°♉51'26	
superior conj	00 May 01 j 22:41	8°♉50'18	0°23'54
minimum elong	00 May 01 j 21:38	8°♉44'31	0°23'41
max. Earth dist.	00 May 01 j 10:59	7°♉46'06	1.32327 AU
evening rise	00 May 08 j 20:14	23°♉47'48	
	00 May 11 j 20:19	0°♊	
	00 May 29 j 18:27	0°♋	
evening max el	00 Jun 06 j 03:01	8°♋21'25	25°59'20
desc. node	00 Jun 08 j 07:31	10°♋18'51	
retrograde	00 Jun 20 j 04:11	15°♋33'51	
evening set	00 Jun 26 j 07:48	14°♋02'13	
min. Earth dist.	00 Jun 30 j 15:42	11°♋23'02	0.58901 AU
inferior conj	00 Jul 03 j 23:12	8°♋55'16	-4°45'19
minimum elong	00 Jul 03 j 23:37	8°♋54'30	4°45'18
morning rise	00 Jul 11 j 17:45	4°♋28'52	
direct	00 Jul 14 j 05:54	4°♋07'53	
morning max el	00 Jul 22 j 05:55	7°♋56'42	18°32'54
asc. node	00 Jul 26 j 15:17	13°♋07'20	
	00 Aug 05 j 11:57	0°♌	
morning set	00 Aug 07 j 10:49	3°♌45'01	
superior conj	00 Aug 16 j 08:35	20°♌47'34	1°42'13
minimum elong	00 Aug 16 j 10:47	20°♌57'52	1°42'06
	00 Aug 21 j 09:40	0°♍	
max. Earth dist.	00 Aug 23 j 15:36	3°♍57'50	1.39913 AU
evening rise	00 Aug 27 j 21:33	11°♍13'51	
desc. node	00 Sep 04 j 06:54	23°♍12'35	
	00 Sep 08 j 16:50	0°♎	
	00 Oct 01 j 10:26	0°♏	
evening max el	00 Oct 01 j 20:58	0°♏26'34	23°47'55
retrograde	00 Oct 12 j 15:45	6°♏47'39	
evening set	00 Oct 17 j 19:25	4°♏38'44	
	00 Oct 21 j 22:01	30°℞♎	
min. Earth dist.	00 Oct 22 j 15:59	28°♎59'27	0.67584 AU
asc. node	00 Oct 22 j 14:29	29°♎04'31	
inferior conj	00 Oct 23 j 04:30	28°♎16'49	0°12'06
minimum elong	00 Oct 23 j 04:13	28°♎17'49	0°11'58
transit middle	00 Oct 23 j 04:13	28°♎17'49	0°11'58
transit begin	00 Oct 23 j 02:22	28°♎24'06	
transit end	00 Oct 23 j 06:03	28°♎11'32	
morning rise	00 Oct 28 j 12:58	22°♎09'29	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	00 Nov 01 j 13:23	20°♎38'18		
morning max el	00 Nov 09 j 19:41	25°♎26'51	20°52'17	
	00 Nov 13 j 20:21	0°♏		
desc. node	00 Dec 01 j 06:08	24°♏36'14		
	00 Dec 04 j 19:20	0°♐		
morning set	00 Dec 09 j 09:40	7°♐06'16		
max. Earth dist.	00 Dec 17 j 23:41	20°♐45'44	1.42844 AU	
	00 Dec 23 j 14:04	0°♑		
superior conj	00 Dec 24 j 20:07	2°♑06'25	-1°57'48	
minimum elong	00 Dec 24 j 16:39	1°♑51'46	1°57'41	
evening rise	01 Jan 05 j 15:36	22°♑41'02		
	01 Jan 09 j 18:19	0°♒		
asc. node	01 Jan 18 j 13:48	14°♒26'38		
evening max el	01 Jan 22 j 15:07	19°♒22'48	18°07'38	
retrograde	01 Jan 29 j 05:16	22°♒47'34		
evening set	01 Jan 31 j 23:05	22°♒11'51		
inferior conj	01 Feb 07 j 10:38	17°♒08'15	3°49'05	
minimum elong	01 Feb 07 j 11:14	17°♒06'47	3°49'04	
min. Earth dist.	01 Feb 10 j 10:50	14°♒09'49	0.61726 AU	
morning rise	01 Feb 13 j 22:05	11°♒15'19		
direct	01 Feb 20 j 20:29	8°♒48'16		
desc. node	01 Feb 27 j 05:16	10°♒37'02		
morning max el	01 Mar 06 j 22:42	16°♒39'09	27°45'52	
	01 Mar 17 j 23:35	0°♓		
	01 Apr 04 j 23:21	0°♈		
morning set	01 Apr 09 j 00:17	8°♈01'50		
max. Earth dist.	01 Apr 14 j 21:43	20°♈28'17	1.32553 AU	
superior conj	01 Apr 16 j 09:09	23°♈40'43	-0°01'46	
minimum elong	01 Apr 16 j 09:14	23°♈41'10	0°01'44	
behind sun begin	01 Apr 16 j 04:09	23°♈13'28		
behind sun end	01 Apr 16 j 14:19	24°♈08'52		
asc. node	01 Apr 16 j 13:08	24°♈02'22		
	01 Apr 19 j 06:41	0°♉		
evening rise	01 Apr 23 j 07:42	8°♉42'28		
	01 May 04 j 09:37	0°♊		
evening max el	01 May 18 j 19:23	19°♊15'51	24°36'04	
desc. node	01 May 26 j 04:31	24°♊40'39		
retrograde	01 Jun 01 j 17:50	26°♊18'36		
evening set	01 Jun 06 j 14:44	25°♊25'10		
min. Earth dist.	01 Jun 12 j 06:47	22°♊31'04	0.56998 AU	
inferior conj	01 Jun 15 j 02:35	20°♊41'39	-4°29'09	
minimum elong	01 Jun 14 j 22:17	20°♊48'39	4°28'36	
morning rise	01 Jun 23 j 08:36	16°♊35'41		
direct	01 Jun 25 j 23:02	16°♊16'53		
morning max el	01 Jul 05 j 05:16	20°♊35'17	19°23'46	
	01 Jul 12 j 14:56	0°♋		
asc. node	01 Jul 13 j 12:22	1°♋26'21		
morning set	01 Jul 22 j 10:46	18°♋04'00		
	01 Jul 28 j 09:51	0°♌		
superior conj	01 Jul 30 j 13:41	4°♌15'26	1°47'08	
minimum elong	01 Jul 30 j 13:50	4°♌16'11	1°47'08	
max. Earth dist.	01 Aug 05 j 19:01	16°♌05'08	1.37904 AU	
evening rise	01 Aug 09 j 13:57	22°♌55'13		
	01 Aug 13 j 16:21	0°♍		
desc. node	01 Aug 22 j 03:55	13°♍40'10		
	01 Sep 02 j 12:06	0°♎		
evening max el	01 Sep 14 j 08:47	14°♎02'37	25°05'13	
retrograde	01 Sep 26 j 03:53	20°♎52'36		
evening set	01 Oct 01 j 22:14	18°♎26'39		
min. Earth dist.	01 Oct 06 j 10:21	13°♎22'11	0.67183 AU	
inferior conj	01 Oct 07 j 09:31	12°♎06'12	-0°43'05	
minimum elong	01 Oct 07 j 10:36	12°♎02'41	0°42'38	
asc. node	01 Oct 09 j 11:33	9°♎27'22		
morning rise	01 Oct 12 j 23:05	6°♎06'01		
direct	01 Oct 16 j 11:30	4°♎54'33		
morning max el	01 Oct 23 j 21:20	9°♎08'15	19°44'37	
	01 Nov 08 j 06:54	0°♏		
morning set	01 Nov 18 j 06:41	15°♏18'01		
desc. node	01 Nov 18 j 03:12	15°♏04'36		
	01 Nov 27 j 16:43	0°♐		
max. Earth dist.	01 Nov 30 j 11:56	4°♐26'01	1.44228 AU	
superior conj	01 Dec 04 j 23:22	11°♐36'06	-1°36'45	
minimum elong	01 Dec 04 j 15:36	11°♐04'45	1°36'05	
	01 Dec 16 j 03:10	0°♑		
evening rise	01 Dec 18 j 15:17	4°♑13'48		
	02 Jan 03 j 19:26	0°♒		
asc. node	02 Jan 05 j 10:51	1°♒56'01		
evening max el	02 Jan 06 j 03:41	2°♒40'20	18°17'48	
retrograde	02 Jan 12 j 15:29	6°♒10'48		
evening set	02 Jan 15 j 13:50	5°♒25'02		
inferior conj	02 Jan 21 j 15:10	0°♒01'31	3°46'25	
minimum elong	02 Jan 21 j 13:54	0°♒05'04	3°46'19	
	02 Jan 21 j 15:43	30°℞♑		
min. Earth dist.	02 Jan 24 j 00:55	27°♑20'54	0.63622 AU	
morning rise	02 Jan 27 j 13:17	23°♑58'56		
direct	02 Feb 03 j 12:31	21°♑12'02		
desc. node	02 Feb 14 j 02:20	26°♑07'55		
morning max el	02 Feb 17 j 06:30	29°♑02'59	27°38'25	
	02 Feb 18 j 04:56	0°♒		
	02 Mar 11 j 20:05	0°♓		
morning set	02 Mar 23 j 22:05	22°♓09'49		
	02 Mar 27 j 18:27	0°♈		
max. Earth dist.	02 Mar 29 j 02:31	2°♈47'48	1.33174 AU	
superior conj	02 Mar 31 j 16:37	8°♈17'44	-0°28'30	
minimum elong	02 Mar 31 j 17:59	8°♈25'05	0°28'13	
asc. node	02 Apr 03 j 10:11	14°♈10'28		
evening rise	02 Apr 07 j 19:25	23°♈33'29		
	02 Apr 10 j 22:15	0°♉		
evening max el	02 Apr 30 j 10:04	29°♉49'43	23°01'08	
	02 Apr 30 j 14:21	0°♊		
desc. node	02 May 13 j 01:32	6°♊27'36		
retrograde	02 May 13 j 19:07	6°♊28'49		
evening set	02 May 17 j 05:31	6°♊02'57		
min. Earth dist.	02 May 24 j 19:21	2°♊40'46	0.55591 AU	
inferior conj	02 May 26 j 10:31	1°♊43'59	-3°29'10	
minimum elong	02 May 26 j 03:15	1°♊54'32	3°27'19	
	02 May 29 j 12:50	30°℞♉		
morning rise	02 Jun 04 j 03:32	27°♉50'05		
direct	02 Jun 06 j 21:22	27°♉32'13		
	02 Jun 14 j 12:00	0°♊		
morning max el	02 Jun 17 j 18:03	2°♊34'06	20°35'25	
asc. node	02 Jun 30 j 09:26	20°♊22'32		
	02 Jul 05 j 08:48	0°♋		
morning set	02 Jul 06 j 16:40	2°♋41'58		
superior conj	02 Jul 14 j 06:50	18°♋20'32	1°43'46	
minimum elong	02 Jul 14 j 05:28	18°♋13'35	1°43'42	
max. Earth dist.	02 Jul 19 j 02:00	27°♋54'44	1.36070 AU	
	02 Jul 20 j 03:54	0°♌		
evening rise	02 Jul 23 j 03:26	5°♌38'02		
	02 Aug 06 j 12:00	0°♍		
desc. node	02 Aug 09 j 00:55	3°♍51'10		
evening max el	02 Aug 27 j 20:18	27°♍38'58	26°12'06	
	02 Aug 30 j 10:18	0°♎		
retrograde	02 Sep 09 j 11:16	4°♎48'16		
evening set	02 Sep 15 j 19:52	2°♎08'55		
	02 Sep 18 j 00:37	30°℞♍		
min. Earth dist.	02 Sep 20 j 00:10	27°♍41'06	0.66445 AU	
inferior conj	02 Sep 21 j 10:49	25°♍53'47	-1°39'21	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	02 Sep 21 j 13:21	25°♍45'57	1°38'19	
asc. node	02 Sep 26 j 08:37	20°♍41'30		
morning rise	02 Sep 27 j 07:11	20°♍03'36		
direct	02 Sep 30 j 09:44	19°♍08'30		
morning max el	02 Oct 07 j 05:57	22°♍57'29	18°51'44	
	02 Oct 12 j 23:08	0°♎		
morning set	02 Oct 28 j 20:04	24°♎24'03		
	02 Nov 01 j 09:14	0°♏		
desc. node	02 Nov 05 j 00:14	5°♏42'21		
max. Earth dist.	02 Nov 13 j 04:52	18°♏34'55	1.44948 AU	
superior conj	02 Nov 14 j 04:45	20°♏08'54	-0°57'56	
minimum elong	02 Nov 13 j 21:39	19°♏40'58	0°57'04	
	02 Nov 20 j 10:21	0°♐		
evening rise	02 Nov 29 j 16:07	14°♐47'58		
	02 Dec 09 j 02:30	0°♑		
evening max el	02 Dec 20 j 14:57	16°♑04'31	18°46'16	
asc. node	02 Dec 23 j 07:53	18°♑24'59		
retrograde	02 Dec 27 j 08:34	19°♑51'33		
evening set	02 Dec 30 j 12:22	18°♑54'38		
inferior conj	03 Jan 05 j 06:21	13°♑13'36	3°27'47	
minimum elong	03 Jan 05 j 03:58	13°♑20'54	3°27'22	
min. Earth dist.	03 Jan 07 j 00:48	11°♑04'12	0.65173 AU	
morning rise	03 Jan 10 j 19:12	7°♑05'01		
direct	03 Jan 17 j 11:31	4°♑12'55		
morning max el	03 Jan 30 j 16:18	11°♑55'13	26°57'49	
desc. node	03 Jan 31 j 23:24	13°♑15'19		
	03 Feb 14 j 03:55	0°♒		
	03 Mar 04 j 08:59	0°♓		
morning set	03 Mar 07 j 10:00	5°♓44'20		
max. Earth dist.	03 Mar 11 j 21:31	14°♓34'28	1.34226 AU	
superior conj	03 Mar 15 j 19:00	22°♓35'09	-0°55'15	
minimum elong	03 Mar 15 j 21:38	22°♓48'56	0°54'46	
	03 Mar 19 j 07:32	0°♈		
asc. node	03 Mar 21 j 07:13	4°♈11'47		
evening rise	03 Mar 23 j 05:33	8°♈14'39		
	03 Apr 03 j 21:49	0°♉		
evening max el	03 Apr 12 j 06:25	10°♉34'36	21°29'18	
retrograde	03 Apr 24 j 10:32	16°♉30'12		
evening set	03 Apr 26 j 20:33	16°♉16'54		
desc. node	03 Apr 29 j 22:34	15°♉24'35		
inferior conj	03 May 06 j 06:07	12°♉15'50	-1°47'15	
minimum elong	03 May 06 j 01:10	12°♉22'47	1°45'33	
min. Earth dist.	03 May 06 j 08:16	12°♉12'50	0.54992 AU	
morning rise	03 May 15 j 06:25	8°♉16'50		
direct	03 May 18 j 08:20	7°♉56'07		
morning max el	03 May 30 j 19:58	13°♉50'49	22°04'54	
	03 Jun 11 j 23:10	0°♊		
asc. node	03 Jun 17 j 06:29	9°♊46'39		
morning set	03 Jun 21 j 02:21	17°♊32'45		
	03 Jun 26 j 23:48	0°♋		
superior conj	03 Jun 28 j 08:21	2°♋51'45	1°33'55	
minimum elong	03 Jun 28 j 06:07	2°♋40'02	1°33'42	
max. Earth dist.	03 Jul 01 j 17:21	9°♋52'17	1.34570 AU	
evening rise	03 Jul 06 j 09:12	19°♋09'48		
	03 Jul 12 j 04:46	0°♌		
desc. node	03 Jul 26 j 21:54	23°♌38'08		
	03 Jul 31 j 13:56	0°♍		
evening max el	03 Aug 10 j 08:08	11°♍09'27	27°00'50	
retrograde	03 Aug 23 j 13:29	18°♍27'54		
evening set	03 Aug 30 j 10:01	15°♍42'14		
min. Earth dist.	03 Sep 03 j 07:13	11°♍51'24	0.65352 AU	
inferior conj	03 Sep 05 j 06:21	9°♍36'18	-2°34'40	
minimum elong	03 Sep 05 j 10:12	9°♍25'14	2°33'17	
morning rise	03 Sep 11 j 11:02	3°♍59'06		
asc. node	03 Sep 13 j 05:41	3°♍22'16		
direct	03 Sep 14 j 06:06	3°♍16'36		
morning max el	03 Sep 20 j 19:25	6°♍50'05	18°15'07	
	03 Oct 06 j 14:03	0°♎		
morning set	03 Oct 09 j 13:40	4°♎54'18		
desc. node	03 Oct 22 j 21:14	26°♎26'02		
superior conj	03 Oct 24 j 06:31	28°♎37'59	-0°09'08	
minimum elong	03 Oct 24 j 05:20	28°♎33'18	0°08'59	
behind sun begin	03 Oct 23 j 20:02	27°♎56'27		
behind sun end	03 Oct 24 j 14:38	29°♎10'07		
	03 Oct 25 j 03:15	0°♏		
max. Earth dist.	03 Oct 26 j 23:19	2°♏53'47	1.44939 AU	
evening rise	03 Nov 09 j 17:28	24°♏24'50		
	03 Nov 13 j 07:31	0°♐		
greatest brilliancy	03 Nov 21 j 13:54	12°♐45'46	-0.7m	
evening max el	03 Dec 03 j 22:45	29°♐31'33	19°31'35	
	03 Dec 04 j 10:01	0°♑		
asc. node	03 Dec 10 j 04:55	3°♑38'16		
retrograde	03 Dec 11 j 05:10	3°♑44'00		
evening set	03 Dec 14 j 15:59	2°♑34'19		
	03 Dec 17 j 11:45	30°℞♐		
inferior conj	03 Dec 20 j 04:59	26°♐38'29	2°57'31	
minimum elong	03 Dec 20 j 02:11	26°♐47'35	2°56'46	
min. Earth dist.	03 Dec 21 j 09:07	25°♐06'51	0.66345 AU	
morning rise	03 Dec 25 j 12:08	20°♐26'28		
direct	03 Dec 31 j 16:39	17°♐41'58		
morning max el	04 Jan 13 j 01:31	25°♐02'06	25°51'37	
	04 Jan 17 j 14:08	0°♑		
desc. node	04 Jan 18 j 20:26	1°♑30'42		
	04 Feb 07 j 15:20	0°♒		
morning set	04 Feb 18 j 07:37	18°♒31'17		
max. Earth dist.	04 Feb 22 j 04:19	25°♒47'04	1.35735 AU	
	04 Feb 24 j 08:27	0°♓		
superior conj	04 Feb 27 j 13:43	6°♓24'25	-1°20'31	
minimum elong	04 Feb 27 j 17:19	6°♓42'39	1°19'59	
evening rise	04 Mar 06 j 12:00	22°♓38'31		
asc. node	04 Mar 07 j 04:14	24°♓01'04		
	04 Mar 10 j 04:12	0°♈		
evening max el	04 Mar 24 j 13:18	21°♈51'38	20°10'50	
retrograde	04 Apr 04 j 00:51	26°♈53'32		
evening set	04 Apr 06 j 03:21	26°♈42'15		
inferior conj	04 Apr 15 j 02:48	22°♈43'39	0°12'00	
minimum elong	04 Apr 15 j 03:21	22°♈42'51	0°11'49	
transit middle	04 Apr 15 j 03:21	22°♈42'51	0°11'49	
transit begin	04 Apr 15 j 00:39	22°♈46'51		
transit end	04 Apr 15 j 06:02	22°♈38'50		
desc. node	04 Apr 15 j 19:36	22°♈18'35		
min. Earth dist.	04 Apr 16 j 22:10	21°♈39'12	0.55356 AU	
morning rise	04 Apr 24 j 01:29	18°♈21'05		
direct	04 Apr 27 j 21:45	17°♈48'45		
morning max el	04 May 11 j 13:25	24°♈32'20	23°44'56	
	04 May 16 j 13:33	0°♉		
asc. node	04 Jun 03 j 03:31	29°♉30'30		
	04 Jun 03 j 09:13	0°♊		
morning set	04 Jun 04 j 13:56	2°♊29'47		
superior conj	04 Jun 11 j 15:21	17°♊39'08	1°18'58	
minimum elong	04 Jun 11 j 12:51	17°♊25'42	1°18'37	
max. Earth dist.	04 Jun 13 j 18:11	22°♊11'14	1.33458 AU	
	04 Jun 17 j 11:55	0°♋		
evening rise	04 Jun 19 j 02:44	3°♋16'46		
	04 Jul 03 j 23:40	0°♌		
desc. node	04 Jul 12 j 18:56	12°♌50'31		
evening max el	04 Jul 22 j 19:18	24°♌23'11	27°24'21	
	04 Jul 30 j 05:45	0°♍		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	04 Aug 05 j 09:52	1°♍42'50	
	04 Aug 11 j 03:11	30°℞♌	
evening set	04 Aug 12 j 13:43	29°♌01'27	
min. Earth dist.	04 Aug 16 j 05:26	25°♌44'57	0.63894 AU
inferior conj	04 Aug 18 j 17:37	23°♌08'29	-3°26'18
minimum elong	04 Aug 18 j 22:19	22°♌56'14	3°24'57
morning rise	04 Aug 25 j 07:55	17°♌47'30	
direct	04 Aug 27 j 22:03	17°♌14'07	
asc. node	04 Aug 30 j 02:44	17°♌38'26	
morning max el	04 Sep 03 j 11:03	20°♌40'15	17°55'54
	04 Sep 10 j 11:39	0°♍	
morning set	04 Sep 20 j 10:09	16°♍42'52	
	04 Sep 28 j 05:25	0°♎	
superior conj	04 Oct 03 j 01:46	8°♎01'39	0°37'09
minimum elong	04 Oct 03 j 05:38	8°♎17'26	0°36'39
max. Earth dist.	04 Oct 08 j 16:42	17°♎06'32	1.44213 AU
desc. node	04 Oct 08 j 18:15	17°♎12'46	
	04 Oct 16 j 21:34	0°♏	
evening rise	04 Oct 19 j 02:45	3°♏25'28	
	04 Nov 05 j 20:44	0°♐	
evening max el	04 Nov 16 j 01:33	13°♐00'04	20°31'31
retrograde	04 Nov 24 j 02:45	17°♐45'02	
asc. node	04 Nov 26 j 01:58	17°♐23'03	
evening set	04 Nov 27 j 22:35	16°♐20'36	
inferior conj	04 Dec 03 j 08:30	10°♐12'57	2°18'35
minimum elong	04 Dec 03 j 05:53	10°♐21'50	2°17'42
min. Earth dist.	04 Dec 03 j 23:51	9°♐20'51	0.67139 AU
morning rise	04 Dec 08 j 12:59	3°♐59'34	
direct	04 Dec 14 j 03:01	1°♐31'50	
morning max el	04 Dec 25 j 09:46	8°♐15'28	24°29'33
desc. node	05 Jan 04 j 17:27	20°♐34'34	
	05 Jan 11 j 11:30	0°♑	
morning set	05 Jan 30 j 09:22	0°♒15'04	
	05 Jan 30 j 05:56	0°♒	
max. Earth dist.	05 Feb 03 j 01:42	6°♒48'51	1.37646 AU
superior conj	05 Feb 09 j 21:32	19°♒36'55	-1°42'11
minimum elong	05 Feb 10 j 01:21	19°♒55'24	1°41'47
	05 Feb 15 j 04:22	0°♓	
evening rise	05 Feb 18 j 12:31	6°♓38'47	
asc. node	05 Feb 22 j 01:16	13°♓33'22	
	05 Mar 03 j 23:07	0°♈	
evening max el	05 Mar 07 j 07:18	3°♈46'43	19°10'42
retrograde	05 Mar 16 j 03:11	8°♈01'40	
evening set	05 Mar 18 j 08:29	7°♈46'43	
inferior conj	05 Mar 26 j 13:47	3°♈35'39	1°55'25
minimum elong	05 Mar 26 j 17:49	3°♈28'47	1°54'11
min. Earth dist.	05 Mar 29 j 13:19	1°♈34'59	0.56597 AU
	05 Apr 01 j 04:02	30°℞♓	
desc. node	05 Apr 02 j 16:38	29°♓13'39	
morning rise	05 Apr 04 j 00:15	28°♓40'32	
direct	05 Apr 08 j 22:48	27°♓43'50	
	05 Apr 16 j 16:05	0°♈	
morning max el	05 Apr 23 j 03:55	5°♈01'23	25°22'57
	05 May 11 j 03:34	0°♉	
morning set	05 May 20 j 01:48	17°♉27'51	
asc. node	05 May 21 j 00:33	19°♉28'17	
	05 May 25 j 21:09	0°♊	
superior conj	05 May 27 j 01:36	2°♊35'30	0°59'59
minimum elong	05 May 26 j 23:21	2°♊23'12	0°59'35
max. Earth dist.	05 May 28 j 02:33	4°♊51'31	1.32732 AU
evening rise	05 Jun 03 j 04:31	17°♊48'04	
	05 Jun 09 j 09:15	0°♋	
	05 Jun 28 j 15:35	0°♌	
desc. node	05 Jun 29 j 15:57	1°♌13'37	
evening max el	05 Jul 05 j 03:26	7°♌06'30	27°16'57
retrograde	05 Jul 18 j 23:29	14°♌23'40	
evening set	05 Jul 26 j 03:09	11°♌59'29	
min. Earth dist.	05 Jul 29 j 17:19	9°♌09'34	0.62106 AU
inferior conj	05 Aug 01 j 17:37	6°♌22'41	-4°10'02
minimum elong	05 Aug 01 j 22:07	6°♌12'14	4°09'10
morning rise	05 Aug 08 j 18:29	1°♌21'18	
direct	05 Aug 11 j 06:14	0°♌54'10	
asc. node	05 Aug 16 j 23:46	3°♌21'23	
morning max el	05 Aug 18 j 02:00	4°♌21'05	17°54'56
morning set	05 Sep 03 j 03:29	29°♌31'08	
	05 Sep 03 j 09:52	0°♍	
superior conj	05 Sep 14 j 00:06	18°♍45'29	1°12'29
minimum elong	05 Sep 14 j 05:02	19°♍06'40	1°11'56
	05 Sep 20 j 16:48	0°♎	
max. Earth dist.	05 Sep 21 j 06:29	0°♎56'03	1.42861 AU
desc. node	05 Sep 25 j 15:17	7°♎58'53	
evening rise	05 Sep 28 j 12:02	12°♎30'22	
	05 Oct 09 j 23:59	0°♏	
evening max el	05 Oct 29 j 22:34	26°♏28'55	21°42'59
	05 Nov 02 j 23:53	0°♐	
retrograde	05 Nov 07 j 23:28	1°♐51'19	
evening set	05 Nov 12 j 06:19	0°♐10'15	
	05 Nov 12 j 11:21	30°℞♏	
asc. node	05 Nov 12 j 23:00	29°♏34'27	
inferior conj	05 Nov 17 j 14:46	23°♏54'01	1°33'06
minimum elong	05 Nov 17 j 12:47	24°♏00'52	1°32'20
min. Earth dist.	05 Nov 17 j 18:40	23°♏40'31	0.67575 AU
morning rise	05 Nov 22 j 19:06	17°♏41'17	
direct	05 Nov 27 j 17:53	15°♏35'10	
morning max el	05 Dec 07 j 19:16	21°♏33'34	23°01'41
	05 Dec 15 j 01:39	0°♐	
desc. node	05 Dec 22 j 14:31	10°♐12'42	
	06 Jan 04 j 19:02	0°♑	
morning set	06 Jan 11 j 09:00	10°♑39'29	
max. Earth dist.	06 Jan 15 j 21:07	18°♑17'03	1.39766 AU
	06 Jan 22 j 11:41	0°♒	
superior conj	06 Jan 23 j 14:09	2°♒01'02	-1°57'17
minimum elong	06 Jan 23 j 16:45	2°♒13'00	1°57'09
evening rise	06 Feb 02 j 04:15	20°♒07'55	
	06 Feb 07 j 10:08	0°♓	
asc. node	06 Feb 08 j 22:18	2°♓42'18	
evening max el	06 Feb 18 j 10:17	16°♓14'56	18°30'31
retrograde	06 Feb 26 j 00:25	19°♓58'20	
evening set	06 Feb 28 j 10:47	19°♓36'37	
inferior conj	06 Mar 07 j 21:25	15°♓06'01	3°05'07
minimum elong	06 Mar 08 j 01:20	14°♓58'13	3°04'18
min. Earth dist.	06 Mar 11 j 07:33	12°♓24'15	0.58432 AU
morning rise	06 Mar 15 j 13:14	9°♓41'16	
desc. node	06 Mar 20 j 13:39	8°♓11'40	
direct	06 Mar 21 j 13:06	8°♓09'12	
morning max el	06 Apr 04 j 21:30	15°♓46'53	26°43'34
	06 Apr 16 j 10:39	0°♈	
	06 May 03 j 09:08	0°♉	
morning set	06 May 04 j 12:20	2°♉21'23	
asc. node	06 May 07 j 21:36	9°♉35'04	
superior conj	06 May 11 j 13:18	17°♉34'40	0°37'49
minimum elong	06 May 11 j 11:43	17°♉25'56	0°37'30
max. Earth dist.	06 May 11 j 14:55	17°♉43'32	1.32367 AU
	06 May 17 j 06:29	0°♊	
evening rise	06 May 18 j 11:48	2°♊34'44	
	06 Jun 02 j 07:44	0°♋	
desc. node	06 Jun 16 j 12:57	18°♋27'12	
evening max el	06 Jun 17 j 05:48	19°♋08'03	26°36'30

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

retrograde	06 Jul	01 j 05:27	26°♋22'46	
evening set	06 Jul	07 j 21:53	24°♋28'49	
min. Earth dist.	06 Jul	11 j 19:06	21°♋51'15	0.60088 AU
inferior conj	06 Jul	15 j 02:54	19°♋10'28	-4°39'07
minimum elong	06 Jul	15 j 05:26	19°♋05'19	4°38'54
morning rise	06 Jul	22 j 14:56	14°♋31'22	
direct	06 Jul	25 j 02:31	14°♋08'31	
morning max el	06 Aug	01 j 13:22	17°♋45'41	18°13'16
asc. node	06 Aug	03 j 20:50	20°♋16'55	
	06 Aug	10 j 08:41	0°♌	
morning set	06 Aug	17 j 11:59	13°♌03'33	
	06 Aug	26 j 13:59	0°♍	
superior conj	06 Aug	27 j 00:05	0°♍45'49	1°34'48
minimum elong	06 Aug	27 j 03:32	1°♍01'26	1°34'31
max. Earth dist.	06 Sep	03 j 14:37	14°♍06'16	1.41059 AU
evening rise	06 Sep	08 j 13:58	22°♍22'39	
desc. node	06 Sep	12 j 12:20	28°♍41'15	
	06 Sep	13 j 08:19	0°♎	
	06 Oct	04 j 02:01	0°♏	
evening max el	06 Oct	12 j 14:22	9°♏59'10	23°01'35
retrograde	06 Oct	22 j 17:49	16°♏00'14	
evening set	06 Oct	27 j 13:30	14°♏01'21	
asc. node	06 Oct	30 j 20:03	10°♏28'24	
inferior conj	06 Nov	01 j 21:57	7°♏40'12	0°42'44
minimum elong	06 Nov	01 j 20:57	7°♏43'37	0°42'19
min. Earth dist.	06 Nov	01 j 15:16	8°♏03'11	0.67675 AU
morning rise	06 Nov	07 j 04:20	1°♏30'14	
	06 Nov	09 j 22:39	30°℞♎	
direct	06 Nov	11 j 12:25	29°♎46'50	
	06 Nov	13 j 03:36	0°♏	
morning max el	06 Nov	20 j 09:24	4°♏59'28	21°36'55
desc. node	06 Dec	09 j 11:35	0°♐15'40	
	06 Dec	09 j 07:21	0°♐	
morning set	06 Dec	22 j 03:36	19°♐41'35	
	06 Dec	28 j 12:29	0°♑	
max. Earth dist.	06 Dec	28 j 21:18	0°♑36'26	1.41812 AU
superior conj	07 Jan	05 j 10:21	13°♑24'31	-2°01'48
minimum elong	07 Jan	05 j 09:38	13°♑21'24	2°01'48
	07 Jan	14 j 16:47	0°♒	
evening rise	07 Jan	16 j 07:46	2°♒58'29	
asc. node	07 Jan	26 j 19:21	21°♒20'32	
evening max el	07 Feb	01 j 19:19	29°♒08'36	18°10'21
	07 Feb	02 j 17:33	0°♓	
retrograde	07 Feb	08 j 15:19	2°♓36'18	
evening set	07 Feb	11 j 06:25	2°♓06'09	
	07 Feb	14 j 20:32	30°℞♒	
inferior conj	07 Feb	18 j 01:22	27°♒14'33	3°41'00
minimum elong	07 Feb	18 j 03:15	27°♒10'11	3°40'50
min. Earth dist.	07 Feb	21 j 07:52	24°♒14'51	0.60525 AU
morning rise	07 Feb	24 j 22:15	21°♒29'11	
direct	07 Mar	03 j 15:21	19°♒19'48	
desc. node	07 Mar	07 j 10:43	19°♒58'38	
morning max el	07 Mar	17 j 21:13	27°♒08'37	27°33'40
	07 Mar	20 j 14:42	0°♓	
	07 Apr	10 j 00:22	0°♈	
morning set	07 Apr	18 j 19:39	17°♈03'06	
asc. node	07 Apr	24 j 18:39	29°♈45'37	
	07 Apr	24 j 21:17	0°♉	
max. Earth dist.	07 Apr	25 j 03:17	0°♉32'43	1.32368 AU
superior conj	07 Apr	26 j 00:41	2°♉29'50	0°13'14
minimum elong	07 Apr	26 j 00:05	2°♉26'33	0°13'05
behind sun begin	07 Apr	25 j 21:14	2°♉10'56	
behind sun end	07 Apr	26 j 02:56	2°♉42'10	
evening rise	07 May	02 j 22:16	17°♉28'07	
	07 May	09 j 03:21	0°♊	
	07 May	29 j 15:24	0°♋	
evening max el	07 May	30 j 01:09	0°♋23'34	25°26'18
desc. node	07 Jun	03 j 09:59	4°♋01'49	
retrograde	07 Jun	13 j 02:09	7°♋33'56	
evening set	07 Jun	18 j 17:59	6°♋18'47	
min. Earth dist.	07 Jun	23 j 13:07	3°♋35'15	0.58049 AU
inferior conj	07 Jun	26 j 17:51	1°♋21'09	-4°43'13
minimum elong	07 Jun	26 j 16:20	1°♋23'50	4°43'09
	07 Jun	28 j 17:09	30°℞♊	
morning rise	07 Jul	04 j 17:20	27°♊04'25	
direct	07 Jul	07 j 06:15	26°♊44'34	
	07 Jul	14 j 22:19	0°♋	
morning max el	07 Jul	15 j 18:00	0°♋44'06	18°51'59
asc. node	07 Jul	21 j 17:54	8°♋09'07	
morning set	07 Aug	01 j 07:14	27°♋07'42	
	07 Aug	02 j 18:19	0°♌	
superior conj	07 Aug	09 j 20:08	13°♌46'07	1°45'26
minimum elong	07 Aug	09 j 21:26	13°♌52'16	1°45'23
max. Earth dist.	07 Aug	16 j 17:56	26°♌31'05	1.39049 AU
	07 Aug	18 j 17:16	0°♍	
evening rise	07 Aug	20 j 16:20	3°♍23'39	
desc. node	07 Aug	30 j 09:21	19°♍15'22	
	07 Sep	06 j 12:46	0°♎	
evening max el	07 Sep	25 j 02:50	23°♎32'26	24°21'30
	07 Oct	04 j 23:55	0°♏	
retrograde	07 Oct	06 j 08:38	0°♏07'39	
	07 Oct	07 j 16:19	30°℞♎	
evening set	07 Oct	11 j 18:26	27°♎51'09	
min. Earth dist.	07 Oct	16 j 11:14	22°♎26'19	0.67452 AU
inferior conj	07 Oct	17 j 04:16	21°♎29'04	-0°11'06
minimum elong	07 Oct	17 j 04:32	21°♎28'10	0°10'59
transit middle	07 Oct	17 j 04:32	21°♎28'10	0°10'59
transit begin	07 Oct	17 j 02:31	21°♎34'57	
transit end	07 Oct	17 j 06:33	21°♎21'23	
asc. node	07 Oct	17 j 17:07	20°♎46'02	
morning rise	07 Oct	22 j 14:40	15°♎24'22	
direct	07 Oct	26 j 09:38	14°♎02'08	
morning max el	07 Nov	03 j 06:37	18°♎35'04	20°21'44
	07 Nov	12 j 10:16	0°♏	
desc. node	07 Nov	26 j 08:39	20°♏36'18	
morning set	07 Dec	01 j 02:00	27°♏52'08	
	07 Dec	02 j 10:57	0°♐	
max. Earth dist.	07 Dec	11 j 04:50	13°♐48'53	1.43500 AU
superior conj	07 Dec	17 j 05:09	23°♐36'40	-1°51'10
minimum elong	07 Dec	16 j 23:34	23°♐13'37	1°50'50
	07 Dec	21 j 01:00	0°♑	
evening rise	07 Dec	29 j 18:54	15°♑02'07	
	08 Jan	07 j 11:24	0°♒	
asc. node	08 Jan	13 j 16:24	9°♒18'45	
evening max el	08 Jan	16 j 07:28	12°♒20'05	18°09'42
retrograde	08 Jan	22 j 19:40	15°♒45'56	
evening set	08 Jan	25 j 15:16	15°♒06'12	
inferior conj	08 Jan	31 j 22:06	9°♒54'11	3°50'14
minimum elong	08 Jan	31 j 21:49	9°♒54'55	3°50'14
min. Earth dist.	08 Feb	03 j 16:37	7°♒00'47	0.62564 AU
morning rise	08 Feb	07 j 03:20	3°♒56'24	
direct	08 Feb	14 j 03:15	1°♒18'45	
desc. node	08 Feb	22 j 07:47	4°♒18'21	
morning max el	08 Feb	28 j 02:37	9°♒11'28	27°47'05
	08 Mar	15 j 06:08	0°♓	
	08 Apr	01 j 04:35	0°♈	
morning set	08 Apr	01 j 21:39	1°♈25'58	
max. Earth dist.	08 Apr	07 j 11:48	13°♈06'00	1.32758 AU

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	08 Apr 09 j 10:06	17°♈15'29	-0°13'01	
minimum elong	08 Apr 09 j 10:43	17°♈18'49	0°12'53	
behind sun begin	08 Apr 09 j 07:40	17°♈02'19		
behind sun end	08 Apr 09 j 13:46	17°♈35'20		
asc. node	08 Apr 10 j 15:42	19°♈56'01		
	08 Apr 15 j 07:22	0°♉		
evening rise	08 Apr 16 j 10:03	2°♉21'50		
	08 May 01 j 13:45	0°♊		
evening max el	08 May 10 j 15:59	11°♊05'43	23°56'17	
desc. node	08 May 20 j 06:59	17°♊21'33		
retrograde	08 May 24 j 10:59	18°♊01'05		
evening set	08 May 28 j 16:30	17°♊21'28		
min. Earth dist.	08 Jun 04 j 03:02	14°♊16'34	0.56314 AU	
inferior conj	08 Jun 06 j 12:34	12°♊48'15	-4°09'28	
minimum elong	08 Jun 06 j 06:32	12°♊57'34	4°08'22	
morning rise	08 Jun 14 j 23:24	8°♊48'43		
direct	08 Jun 17 j 14:49	8°♊30'40		
morning max el	08 Jun 27 j 13:04	13°♊06'33	19°51'46	
asc. node	08 Jul 07 j 14:58	26°♊44'57		
	08 Jul 09 j 10:48	0°♋		
morning set	08 Jul 15 j 09:58	11°♋35'06		
superior conj	08 Jul 23 j 06:51	27°♋31'01	1°46'35	
minimum elong	08 Jul 23 j 06:17	27°♋28'12	1°46'35	
	08 Jul 24 j 12:55	0°♌		
max. Earth dist.	08 Jul 28 j 21:46	8°♌25'53	1.37093 AU	
evening rise	08 Aug 01 j 18:17	15°♌32'44		
	08 Aug 10 j 04:10	0°♍		
desc. node	08 Aug 16 j 06:21	9°♍36'27		
	08 Aug 31 j 02:24	0°♎		
evening max el	08 Sep 06 j 14:24	7°♎09'15	25°35'27	
retrograde	08 Sep 18 j 18:53	14°♎09'02		
evening set	08 Sep 24 j 19:18	11°♎37'00		
min. Earth dist.	08 Sep 29 j 04:05	6°♎47'39	0.66909 AU	
inferior conj	08 Sep 30 j 07:57	5°♎18'11	-1°06'56	
minimum elong	08 Sep 30 j 09:38	5°♎12'46	1°06'13	
asc. node	08 Oct 03 j 14:10	1°♎24'40		
	08 Oct 05 j 02:52	30°℞♍		
morning rise	08 Oct 06 j 00:11	29°♍21'35		
direct	08 Oct 09 j 08:05	28°♍17'30		
	08 Oct 13 j 19:22	0°♎		
morning max el	08 Oct 16 j 11:20	2°♎19'47	19°20'03	
	08 Nov 05 j 01:37	0°♏		
morning set	08 Nov 09 j 03:23	6°♏19'35		
desc. node	08 Nov 12 j 05:40	11°♏08'52		
max. Earth dist.	08 Nov 22 j 19:05	27°♏42'14	1.44622 AU	
	08 Nov 24 j 05:54	0°♐		
superior conj	08 Nov 25 j 21:44	2°♐38'10	-1°22'12	
minimum elong	08 Nov 25 j 13:24	2°♐05'04	1°21'20	
evening rise	08 Dec 10 j 09:10	26°♐09'56		
	08 Dec 12 j 16:34	0°♑		
evening max el	08 Dec 29 j 19:50	25°♑41'19	18°27'49	
asc. node	08 Dec 30 j 13:27	26°♑24'17		
retrograde	09 Jan 05 j 09:06	29°♑17'17		
evening set	09 Jan 08 j 09:40	28°♑26'55		
inferior conj	09 Jan 14 j 07:35	22°♑55'55	3°40'08	
minimum elong	09 Jan 14 j 05:44	23°♑01'16	3°39'55	
min. Earth dist.	09 Jan 16 j 10:51	20°♑27'17	0.64333 AU	
morning rise	09 Jan 20 j 01:17	16°♑50'38		
direct	09 Jan 26 j 22:33	13°♑59'31		
desc. node	09 Feb 08 j 04:50	20°♑33'58		
morning max el	09 Feb 09 j 11:19	21°♑47'54	27°24'42	
	09 Feb 16 j 16:05	0°♒		
	09 Mar 08 j 09:49	0°♓		
morning set	09 Mar 16 j 15:37	15°♓20'30		
max. Earth dist.	09 Mar 21 j 12:33	25°♓10'52	1.33567 AU	
	09 Mar 23 j 19:50	0°♈		
superior conj	09 Mar 24 j 15:39	1°♈44'49	-0°39'56	
minimum elong	09 Mar 24 j 17:34	1°♈55'01	0°39'32	
asc. node	09 Mar 28 j 12:45	10°♈01'39		
evening rise	09 Mar 31 j 21:17	17°♈09'04		
	09 Apr 07 j 07:29	0°♉		
evening max el	09 Apr 22 j 08:21	21°♉40'46	22°20'59	
retrograde	09 May 05 j 06:50	28°♉02'44		
desc. node	09 May 07 j 04:00	27°♉54'51		
evening set	09 May 08 j 04:55	27°♉43'57		
min. Earth dist.	09 May 16 j 15:35	24°♉06'05	0.55225 AU	
inferior conj	09 May 17 j 13:52	23°♉34'37	-2°50'07	
minimum elong	09 May 17 j 06:54	23°♉44'28	2°48'02	
morning rise	09 May 26 j 10:39	19°♉40'38		
direct	09 May 29 j 07:12	19°♉22'05		
morning max el	09 Jun 09 j 20:54	24°♉46'11	21°11'38	
	09 Jun 14 j 14:25	0°♊		
asc. node	09 Jun 24 j 12:00	15°♊53'50		
morning set	09 Jun 29 j 17:43	26°♊19'06		
	09 Jul 01 j 12:16	0°♋		
superior conj	09 Jul 07 j 03:55	11°♋48'00	1°40'16	
minimum elong	09 Jul 07 j 02:07	11°♋38'39	1°40'10	
max. Earth dist.	09 Jul 11 j 08:08	20°♋17'03	1.35387 AU	
evening rise	09 Jul 15 j 15:17	28°♋38'04		
	09 Jul 16 j 08:41	0°♌		
desc. node	09 Aug 03 j 03:20	29°♌38'21		
	09 Aug 03 j 09:15	0°♍		
evening max el	09 Aug 20 j 02:20	20°♍45'26	26°35'36	
retrograde	09 Sep 02 j 00:01	27°♍59'02		
evening set	09 Sep 08 j 14:03	25°♍16'16		
min. Earth dist.	09 Sep 12 j 15:21	21°♍04'07	0.66024 AU	
inferior conj	09 Sep 14 j 07:05	19°♍04'46	-2°03'02	
minimum elong	09 Sep 14 j 10:12	18°♍55'23	2°01'49	
morning rise	09 Sep 20 j 06:48	13°♍19'31		
asc. node	09 Sep 20 j 11:13	13°♍13'36		
direct	09 Sep 23 j 05:57	12°♍30'03		
morning max el	09 Sep 29 j 22:16	16°♍11'11	18°34'06	
	09 Oct 10 j 02:49	0°♎		
morning set	09 Oct 20 j 04:29	16°♎01'47		
	09 Oct 28 j 22:55	0°♏		
desc. node	09 Oct 30 j 02:41	1°♏49'50		
superior conj	09 Nov 04 j 22:51	11°♏02'04	-0°37'43	
minimum elong	09 Nov 04 j 17:56	10°♏42'43	0°37'05	
max. Earth dist.	09 Nov 05 j 13:32	11°♏59'47	1.45043 AU	
	09 Nov 16 j 23:59	0°♐		
evening rise	09 Nov 20 j 23:49	6°♐19'26		
greatest brilliancy	09 Nov 29 j 19:20	20°♐17'40	-0.8m	
	09 Dec 06 j 03:40	0°♑		
evening max el	09 Dec 13 j 05:56	9°♑07'36	19°03'32	
asc. node	09 Dec 17 j 10:29	12°♑23'15		
retrograde	09 Dec 20 j 04:00	13°♑04'02		
evening set	09 Dec 23 j 10:41	12°♑01'43		
inferior conj	09 Dec 29 j 02:17	6°♑13'58	3°16'08	
minimum elong	09 Dec 28 j 23:38	6°♑22'17	3°15'33	
min. Earth dist.	09 Dec 30 j 14:23	4°♑20'27	0.65730 AU	
morning rise	10 Jan 03 j 12:20	0°♑03'54		
	10 Jan 03 j 14:07	30°℞♐		
direct	10 Jan 10 j 00:09	27°♐13'52		
	10 Jan 17 j 07:16	0°♑		
morning max el	10 Jan 22 j 20:59	4°♑47'28	26°32'09	
desc. node	10 Jan 26 j 01:53	8°♑13'09		
	10 Feb 11 j 04:21	0°♒		
morning set	10 Feb 27 j 21:59	28°♒36'00		
	10 Feb 28 j 15:42	0°♓		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	10 Mar 04 j 02:34	6°♓42'28	1.34823 AU	
superior conj	10 Mar 08 j 15:05	15°♓51'02	-1°06'17	
minimum elong	10 Mar 08 j 18:12	16°♓07'04	1°05'44	
asc. node	10 Mar 15 j 09:46	29°♓58'25		
	10 Mar 15 j 10:05	0°♈		
evening rise	10 Mar 16 j 06:06	1°♈43'41		
	10 Apr 01 j 21:39	0°♉		
evening max el	10 Apr 04 j 08:46	2°♉36'57	20°53'45	
retrograde	10 Apr 15 j 19:56	8°♉09'47		
evening set	10 Apr 18 j 01:12	7°♉58'07		
desc. node	10 Apr 24 j 01:02	5°♉48'11		
inferior conj	10 Apr 27 j 07:58	4°♉00'04	-0°56'36	
minimum elong	10 Apr 27 j 05:17	4°♉03'53	0°55'37	
min. Earth dist.	10 Apr 28 j 04:26	3°♉30'58	0.55032 AU	
	10 May 05 j 22:30	30°℞♈		
morning rise	10 May 06 j 08:58	29°♈53'26		
direct	10 May 09 j 17:32	29°♈29'08		
	10 May 13 j 10:28	0°♉		
morning max el	10 May 22 j 18:33	5°♉45'10	22°46'58	
	10 Jun 08 j 14:10	0°♊		
asc. node	10 Jun 11 j 09:02	5°♊27'05		
morning set	10 Jun 14 j 04:24	11°♊13'10		
superior conj	10 Jun 21 j 08:01	26°♊26'44	1°28'07	
minimum elong	10 Jun 21 j 05:37	26°♊13'55	1°27'51	
	10 Jun 23 j 00:21	0°♋		
max. Earth dist.	10 Jun 24 j 03:50	2°♋23'52	1.34044 AU	
evening rise	10 Jun 29 j 02:29	12°♋25'46		
	10 Jul 08 j 15:23	0°♌		
desc. node	10 Jul 21 j 00:21	19°♌12'10		
	10 Jul 29 j 14:00	0°♍		
evening max el	10 Aug 02 j 14:07	4°♍10'16	27°14'21	
retrograde	10 Aug 15 j 23:34	11°♍29'25		
evening set	10 Aug 23 j 00:08	8°♍43'59		
min. Earth dist.	10 Aug 26 j 18:41	5°♍08'38	0.64776 AU	
inferior conj	10 Aug 28 j 23:24	2°♍43'29	-2°57'12	
minimum elong	10 Aug 29 j 03:42	2°♍31'37	2°55'47	
	10 Aug 31 j 13:39	30°℞♌		
morning rise	10 Sep 04 j 08:03	27°♌12'55		
direct	10 Sep 07 j 00:48	26°♌34'36		
asc. node	10 Sep 07 j 08:15	26°♌35'06		
	10 Sep 13 j 11:34	0°♍		
morning max el	10 Sep 13 j 13:01	0°♍03'37	18°04'54	
morning set	10 Oct 01 j 10:10	27°♍07'40		
	10 Oct 03 j 03:23	0°♎		
superior conj	10 Oct 15 j 05:57	19°♎48'42	0°11'29	
minimum elong	10 Oct 15 j 07:21	19°♎54'15	0°11'17	
behind sun begin	10 Oct 14 j 23:37	19°♎23'19		
behind sun end	10 Oct 15 j 15:04	20°♎25'10		
desc. node	10 Oct 16 j 23:41	22°♎35'18		
max. Earth dist.	10 Oct 19 j 08:26	26°♎20'25	1.44717 AU	
	10 Oct 21 j 16:09	0°♏		
evening rise	10 Oct 31 j 16:57	15°♏37'45		
	10 Nov 10 j 01:36	0°♐		
greatest brilliancy	10 Nov 14 j 06:08	6°♐18'26	-0.7m	
evening max el	10 Nov 26 j 11:45	22°♐35'26	19°55'20	
retrograde	10 Dec 04 j 01:25	27°♐01'02		
asc. node	10 Dec 04 j 07:31	27°♐00'40		
evening set	10 Dec 07 j 15:52	25°♐45'10		
inferior conj	10 Dec 13 j 03:18	19°♐43'39	2°41'55	
minimum elong	10 Dec 13 j 00:31	19°♐52'53	2°41'05	
min. Earth dist.	10 Dec 14 j 01:42	18°♐29'07	0.66730 AU	
morning rise	10 Dec 18 j 09:00	13°♐30'47		
direct	10 Dec 24 j 07:25	10°♐52'54		
morning max el	11 Jan 05 j 05:59	17°♐58'58	25°18'03	
desc. node	11 Jan 12 j 22:56	26°♐51'25		
	11 Jan 15 j 08:59	0°♑		
	11 Feb 04 j 04:53	0°♒		
morning set	11 Feb 10 j 11:59	10°♒58'44		
max. Earth dist.	11 Feb 14 j 05:11	17°♒48'52	1.36511 AU	
superior conj	11 Feb 20 j 05:39	29°♒26'13	-1°30'19	
minimum elong	11 Feb 20 j 09:29	29°♒45'13	1°29'48	
	11 Feb 20 j 12:27	0°♓		
evening rise	11 Feb 28 j 10:24	15°♓59'06		
asc. node	11 Mar 02 j 06:49	19°♓41'41		
	11 Mar 07 j 17:20	0°♈		
evening max el	11 Mar 17 j 20:28	14°♈10'29	19°42'47	
retrograde	11 Mar 27 j 14:36	18°♈51'28		
evening set	11 Mar 29 j 17:25	18°♈39'12		
inferior conj	11 Apr 07 j 09:34	14°♈36'19	0°59'24	
minimum elong	11 Apr 07 j 12:03	14°♈32'26	0°58'32	
min. Earth dist.	11 Apr 09 j 18:47	13°♈06'56	0.55785 AU	
desc. node	11 Apr 10 j 22:05	12°♈26'08		
morning rise	11 Apr 16 j 04:13	10°♈00'10		
direct	11 Apr 20 j 10:50	9°♈19'24		
morning max el	11 May 04 j 10:15	16°♈19'29	24°27'54	
	11 May 15 j 10:10	0°♉		
asc. node	11 May 29 j 06:04	25°♉18'09		
morning set	11 May 29 j 16:21	26°♉12'04		
	11 May 31 j 11:14	0°♊		
superior conj	11 Jun 05 j 16:42	11°♊19'27	1°11'22	
minimum elong	11 Jun 05 j 14:15	11°♊06'10	1°10'59	
max. Earth dist.	11 Jun 07 j 08:13	14°♊52'59	1.33097 AU	
evening rise	11 Jun 12 j 23:55	26°♊44'36		
	11 Jun 14 j 14:49	0°♋		
	11 Jul 01 j 23:38	0°♌		
desc. node	11 Jul 07 j 21:22	8°♌05'58		
evening max el	11 Jul 16 j 00:03	17°♌11'52	27°25'08	
retrograde	11 Jul 29 j 17:16	24°♌31'20		
evening set	11 Aug 05 j 22:17	21°♌55'09		
min. Earth dist.	11 Aug 09 j 12:28	18°♌51'35	0.63168 AU	
inferior conj	11 Aug 12 j 06:15	16°♌08'42	-3°46'11	
minimum elong	11 Aug 12 j 11:02	15°♌56'48	3°44'59	
morning rise	11 Aug 19 j 00:59	10°♌56'02		
direct	11 Aug 21 j 13:46	10°♌25'42		
asc. node	11 Aug 25 j 05:18	11°♌29'41		
morning max el	11 Aug 28 j 04:46	13°♌51'02	17°53'16	
	11 Sep 08 j 07:17	0°♍		
morning set	11 Sep 13 j 16:12	9°♍23'14		
superior conj	11 Sep 25 j 12:22	29°♍45'41	0°53'43	
minimum elong	11 Sep 25 j 17:08	0°♎05'34	0°53'07	
	11 Sep 25 j 15:48	0°♎		
max. Earth dist.	11 Oct 02 j 00:13	10°♎23'58	1.43700 AU	
desc. node	11 Oct 03 j 20:43	13°♎22'09		
evening rise	11 Oct 10 j 23:50	24°♎33'46		
	11 Oct 14 j 12:45	0°♏		
	11 Nov 04 j 07:25	0°♐		
evening max el	11 Nov 09 j 11:59	6°♐03'41	21°00'43	
retrograde	11 Nov 17 j 23:00	11°♐04'47		
asc. node	11 Nov 21 j 04:34	10°♐05'45		
evening set	11 Nov 21 j 23:11	9°♐33'34		
inferior conj	11 Nov 27 j 08:16	3°♐21'37	2°00'00	
minimum elong	11 Nov 27 j 05:52	3°♐29'50	1°59'08	
min. Earth dist.	11 Nov 27 j 18:36	2°♐46'07	0.67361 AU	
	11 Nov 29 j 20:45	30°℞♏		
morning rise	11 Dec 02 j 12:22	27°♏08'01		
direct	11 Dec 07 j 19:49	24°♏49'10		
	11 Dec 17 j 07:48	0°♐		
morning max el	11 Dec 18 j 14:32	1°♐14'58	23°52'18	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	11 Dec 30 j 19:59	16°♐11'29	
	12 Jan 09 j 08:59	0°♑	
morning set	12 Jan 23 j 03:27	22°♑11'19	
max. Earth dist.	12 Jan 27 j 00:30	28°♑56'50	1.38533 AU
	12 Jan 27 j 14:42	0°♒	
superior conj	12 Feb 03 j 07:37	12°♒19'50	-1°49'36
minimum elong	12 Feb 03 j 11:08	12°♒36'33	1°49'20
evening rise	12 Feb 12 j 07:37	29°♒47'26	
	12 Feb 12 j 10:11	0°♓	
asc. node	12 Feb 17 j 03:53	9°♓05'14	
evening max el	12 Feb 28 j 18:40	26°♓21'07	18°51'10
	12 Mar 05 j 14:03	0°♈	
retrograde	12 Mar 08 j 00:42	0°♈20'42	
evening set	12 Mar 10 j 07:56	0°♈03'18	
	12 Mar 10 j 13:02	30°℞♓	
inferior conj	12 Mar 18 j 05:07	25°♓44'42	2°29'21
minimum elong	12 Mar 18 j 09:29	25°♓36'47	2°28'12
min. Earth dist.	12 Mar 21 j 11:22	23°♓23'46	0.57321 AU
morning rise	12 Mar 26 j 07:59	20°♓35'41	
desc. node	12 Mar 27 j 19:08	20°♓02'46	
direct	12 Mar 31 j 17:52	19°♓24'42	
morning max el	12 Apr 15 j 01:36	26°♓53'11	26°00'10
	12 Apr 18 j 01:16	0°♈	
	12 May 07 j 15:14	0°♉	
morning set	12 May 13 j 03:51	11°♉09'02	
asc. node	12 May 15 j 03:08	15°♉20'33	
superior conj	12 May 20 j 03:48	26°♉18'08	0°50'56
minimum elong	12 May 20 j 01:47	26°♉07'05	0°50'33
max. Earth dist.	12 May 20 j 18:31	27°♉38'43	1.32530 AU
	12 May 21 j 20:23	0°♊	
evening rise	12 May 27 j 04:21	11°♊23'36	
	12 Jun 05 j 20:00	0°♋	
desc. node	12 Jun 23 j 18:24	26°♋02'35	
evening max el	12 Jun 27 j 05:55	29°♋38'11	27°03'44
	12 Jun 27 j 15:12	0°♌	
retrograde	12 Jul 11 j 04:08	6°♌55'04	
evening set	12 Jul 18 j 04:21	4°♌42'17	
min. Earth dist.	12 Jul 21 j 20:04	1°♌59'31	0.61260 AU
	12 Jul 24 j 03:01	30°℞♋	
inferior conj	12 Jul 25 j 00:24	29°♋12'43	-4°24'46
minimum elong	12 Jul 25 j 04:20	29°♋04'05	4°24'10
morning rise	12 Aug 01 j 06:00	24°♋20'37	
direct	12 Aug 03 j 17:15	23°♋55'40	
morning max el	12 Aug 10 j 18:35	27°♋26'03	18°00'18
asc. node	12 Aug 11 j 02:21	27°♋45'17	
	12 Aug 13 j 02:15	0°♌	
morning set	12 Aug 26 j 16:35	22°♌31'44	
	12 Aug 30 j 18:10	0°♍	
superior conj	12 Sep 05 j 22:07	11°♍03'26	1°23'30
minimum elong	12 Sep 06 j 02:37	11°♍23'09	1°23'03
max. Earth dist.	12 Sep 13 j 11:05	23°♍55'55	1.42129 AU
	12 Sep 17 j 04:01	0°♎	
evening rise	12 Sep 19 j 14:30	3°♎54'24	
desc. node	12 Sep 19 j 17:45	4°♎07'17	
	12 Oct 06 j 22:02	0°♏	
evening max el	12 Oct 22 j 06:40	19°♏33'22	22°15'59
retrograde	12 Oct 31 j 18:53	25°♏12'39	
evening set	12 Nov 05 j 06:52	23°♏24'22	
asc. node	12 Nov 07 j 01:36	21°♏41'18	
inferior conj	12 Nov 10 j 15:09	17°♏05'40	1°12'17
minimum elong	12 Nov 10 j 13:33	17°♏11'12	1°11'38
min. Earth dist.	12 Nov 10 j 14:35	17°♏07'40	0.67650 AU
morning rise	12 Nov 15 j 20:05	10°♏53'36	
direct	12 Nov 20 j 12:30	8°♏56'57	
morning max el	12 Nov 30 j 01:27	14°♏35'50	22°24'49
	12 Dec 12 j 11:07	0°♐	
desc. node	12 Dec 16 j 17:02	6°♐01'38	
	13 Jan 01 j 08:57	0°♑	
morning set	13 Jan 02 j 14:43	2°♑00'33	
max. Earth dist.	13 Jan 07 j 20:55	10°♑44'00	1.40660 AU
superior conj	13 Jan 15 j 16:19	24°♑20'47	-2°00'45
minimum elong	13 Jan 15 j 17:48	24°♑27'24	2°00'44
	13 Jan 18 j 19:03	0°♒	
evening rise	13 Jan 25 j 18:39	13°♒01'38	
asc. node	13 Feb 03 j 00:56	28°♒02'38	
	13 Feb 04 j 05:23	0°♓	
evening max el	13 Feb 11 j 00:44	9°♓02'17	18°19'31
retrograde	13 Feb 18 j 05:35	12°♓36'41	
evening set	13 Feb 20 j 18:09	12°♓11'28	
inferior conj	13 Feb 27 j 21:43	7°♓32'13	3°24'01
minimum elong	13 Feb 28 j 00:53	7°♓25'30	3°23'31
min. Earth dist.	13 Mar 03 j 07:52	4°♓39'39	0.59320 AU
morning rise	13 Mar 07 j 05:17	1°♓57'46	
direct	13 Mar 13 j 14:00	0°♓09'05	
desc. node	13 Mar 14 j 16:12	0°♓12'14	
morning max el	13 Mar 27 j 21:26	7°♓52'12	27°08'56
	13 Apr 13 j 14:45	0°♈	
morning set	13 Apr 27 j 13:14	25°♈58'15	
	13 Apr 29 j 11:04	0°♉	
asc. node	13 May 02 j 00:12	5°♉29'33	
superior conj	13 May 04 j 15:35	11°♉16'29	0°27'39
minimum elong	13 May 04 j 14:23	11°♉09'53	0°27'23
max. Earth dist.	13 May 04 j 07:17	10°♉30'54	1.32329 AU
evening rise	13 May 11 j 13:16	26°♉14'17	
	13 May 13 j 08:40	0°♊	
	13 May 30 j 15:25	0°♋	
evening max el	13 Jun 09 j 05:31	11°♋20'31	26°09'50
desc. node	13 Jun 10 j 15:26	12°♋38'12	
retrograde	13 Jun 23 j 06:19	18°♋33'20	
evening set	13 Jun 29 j 13:41	16°♋55'51	
min. Earth dist.	13 Jul 03 j 18:21	14°♋17'39	0.59207 AU
inferior conj	13 Jul 07 j 02:16	11°♋45'58	-4°44'42
minimum elong	13 Jul 07 j 03:18	11°♋43'59	4°44'39
morning rise	13 Jul 14 j 19:07	7°♋16'13	
direct	13 Jul 17 j 07:06	6°♋54'44	
morning max el	13 Jul 25 j 03:22	10°♋40'09	18°27'08
asc. node	13 Jul 28 j 23:25	15°♋06'29	
	13 Aug 06 j 22:22	0°♌	
morning set	13 Aug 10 j 06:06	6°♌18'51	
superior conj	13 Aug 19 j 07:16	23°♌30'40	1°40'37
minimum elong	13 Aug 19 j 09:49	23°♌42'25	1°40'27
	13 Aug 22 j 20:40	0°♍	
max. Earth dist.	13 Aug 26 j 16:57	6°♍46'53	1.40214 AU
evening rise	13 Aug 31 j 02:29	14°♍14'50	
desc. node	13 Sep 06 j 14:45	24°♍46'38	
	13 Sep 09 j 23:38	0°♎	
	13 Oct 01 j 23:21	0°♏	
evening max el	13 Oct 04 j 20:53	3°♏05'07	23°36'00
retrograde	13 Oct 15 j 11:40	9°♏21'01	
evening set	13 Oct 20 j 13:15	7°♏14'40	
asc. node	13 Oct 24 j 22:39	2°♏12'53	
inferior conj	13 Oct 25 j 22:08	0°♏52'55	0°20'14
minimum elong	13 Oct 25 j 21:39	0°♏54'34	0°20'02
min. Earth dist.	13 Oct 25 j 11:08	1°♏30'30	0.67618 AU
	13 Oct 26 j 13:41	30°℞♎	
morning rise	13 Oct 31 j 06:00	24°♎44'55	
direct	13 Nov 04 j 08:23	23°♎10'35	
morning max el	13 Nov 12 j 18:15	28°♎04'56	21°03'31

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	13 Nov 14 j 13:21	0°♏		
desc. node	13 Dec 03 j 14:03	26°♏12'43		
	13 Dec 06 j 02:14	0°♐		
morning set	13 Dec 12 j 22:32	10°♐33'26		
max. Earth dist.	13 Dec 21 j 00:24	23°♐27'48	1.42591 AU	
	13 Dec 24 j 23:27	0°♑		
superior conj	13 Dec 28 j 02:12	5°♑15'00	-1°59'25	
minimum elong	13 Dec 27 j 23:29	5°♑03'26	1°59'20	
evening rise	14 Jan 08 j 15:39	25°♑33'00		
	14 Jan 11 j 03:11	0°♒		
asc. node	14 Jan 20 j 21:58	16°♒25'09		
evening max el	14 Jan 25 j 11:28	22°♒04'37	18°07'43	
retrograde	14 Feb 01 j 02:47	25°♒29'43		
evening set	14 Feb 03 j 19:55	24°♒55'26		
inferior conj	14 Feb 10 j 09:15	19°♒54'47	3°47'41	
minimum elong	14 Feb 10 j 10:11	19°♒52'31	3°47'39	
min. Earth dist.	14 Feb 13 j 11:14	16°♒55'24	0.61420 AU	
morning rise	14 Feb 16 j 23:02	14°♒03'37		
direct	14 Feb 23 j 20:23	11°♒40'54		
desc. node	14 Mar 01 j 13:15	13°♒08'11		
morning max el	14 Mar 09 j 23:38	19°♒31'12	27°43'58	
	14 Mar 18 j 22:09	0°♓		
	14 Apr 06 j 10:22	0°♈		
morning set	14 Apr 11 j 18:36	10°♈33'13		
max. Earth dist.	14 Apr 17 j 18:40	23°♈16'11	1.32492 AU	
asc. node	14 Apr 18 j 21:16	25°♈40'53		
superior conj	14 Apr 19 j 02:22	26°♈08'44	0°02'16	
minimum elong	14 Apr 19 j 02:16	26°♈08'08	0°02'14	
behind sun begin	14 Apr 18 j 21:13	25°♈40'36		
behind sun end	14 Apr 19 j 07:18	26°♈35'41		
	14 Apr 20 j 20:42	0°♉		
evening rise	14 Apr 26 j 00:33	11°♉09'20		
	14 May 05 j 16:13	0°♊		
evening max el	14 May 21 j 22:33	22°♊20'26	24°49'34	
desc. node	14 May 28 j 12:27	27°♊21'01		
retrograde	14 Jun 04 j 21:50	29°♊25'31		
evening set	14 Jun 09 j 23:59	28°♊26'39		
min. Earth dist.	14 Jun 15 j 10:00	25°♊35'49	0.57259 AU	
inferior conj	14 Jun 18 j 08:44	23°♊39'26	-4°34'14	
minimum elong	14 Jun 18 j 05:09	23°♊45'24	4°33'52	
morning rise	14 Jun 26 j 13:05	19°♊31'00		
direct	14 Jun 29 j 03:09	19°♊11'55		
morning max el	14 Jul 08 j 04:12	23°♊24'48	19°14'49	
	14 Jul 13 j 16:19	0°♋		
asc. node	14 Jul 15 j 20:29	3°♋19'15		
morning set	14 Jul 25 j 04:56	20°♋34'49		
	14 Jul 29 j 22:19	0°♌		
superior conj	14 Aug 02 j 10:13	6°♌52'29	1°46'57	
minimum elong	14 Aug 02 j 10:39	6°♌54'37	1°46'57	
max. Earth dist.	14 Aug 08 j 20:18	18°♌59'03	1.38200 AU	
evening rise	14 Aug 12 j 15:22	25°♌46'24		
	14 Aug 15 j 02:01	0°♍		
desc. node	14 Aug 24 j 11:46	15°♍16'24		
	14 Sep 03 j 13:52	0°♎		
evening max el	14 Sep 17 j 08:45	16°♎40'24	24°54'07	
retrograde	14 Sep 29 j 00:28	23°♎26'51		
evening set	14 Oct 04 j 16:39	21°♎03'10		
min. Earth dist.	14 Oct 09 j 05:56	15°♎53'28	0.67266 AU	
inferior conj	14 Oct 10 j 03:32	14°♎42'09	-0°34'38	
minimum elong	14 Oct 10 j 04:24	14°♎39'19	0°34'16	
asc. node	14 Oct 11 j 19:41	12°♎32'24		
morning rise	14 Oct 15 j 16:14	8°♎40'48		
direct	14 Oct 19 j 06:15	7°♎26'43		
morning max el	14 Oct 26 j 18:46	11°♎44'58	19°53'44	

	14 Nov 09 j 12:13	0°♏		
desc. node	14 Nov 20 j 11:04	16°♏38'59		
morning set	14 Nov 21 j 18:56	18°♏42'00		
	14 Nov 29 j 00:59	0°♐		
max. Earth dist.	14 Dec 03 j 11:28	7°♐01'12	1.44058 AU	
superior conj	14 Dec 08 j 09:18	14°♐54'47	-1°41'09	
minimum elong	14 Dec 08 j 01:58	14°♐25'04	1°40'33	
	14 Dec 17 j 12:09	0°♑		
evening rise	14 Dec 21 j 18:22	7°♑13'43		
	15 Jan 04 j 15:50	0°♒		
asc. node	15 Jan 07 j 19:00	4°♒02'26		
evening max el	15 Jan 08 j 23:56	5°♒20'31	18°15'09	
retrograde	15 Jan 15 j 11:38	8°♒49'36		
evening set	15 Jan 18 j 09:13	8°♒05'27		
inferior conj	15 Jan 24 j 11:52	2°♒44'49	3°47'59	
minimum elong	15 Jan 24 j 10:50	2°♒47'40	3°47'55	
min. Earth dist.	15 Jan 26 j 23:56	0°♒00'21	0.63351 AU	
	15 Jan 27 j 00:04	30°℞♑		
morning rise	15 Jan 30 j 11:41	26°♑43'14		
direct	15 Feb 06 j 11:15	23°♑58'18		
desc. node	15 Feb 16 j 10:17	28°♑21'35		
	15 Feb 18 j 08:30	0°♒		
morning max el	15 Feb 20 j 06:57	1°♒50'15	27°41'52	
	15 Mar 13 j 03:15	0°♓		
morning set	15 Mar 26 j 17:34	24°♓45'38		
	15 Mar 29 j 07:29	0°♈		
max. Earth dist.	15 Apr 01 j 00:36	5°♈40'10	1.33049 AU	
superior conj	15 Apr 03 j 10:22	10°♈48'19	-0°24'25	
minimum elong	15 Apr 03 j 11:32	10°♈54'36	0°24'09	
asc. node	15 Apr 05 j 18:18	15°♈49'57		
evening rise	15 Apr 10 j 12:20	26°♈01'25		
	15 Apr 12 j 10:04	0°♉		
	15 Apr 30 j 18:10	0°♊		
evening max el	15 May 03 j 12:58	2°♊55'30	23°15'27	
desc. node	15 May 15 j 09:30	9°♊33'34		
retrograde	15 May 17 j 01:11	9°♊39'47		
evening set	15 May 20 j 16:19	9°♊10'50		
min. Earth dist.	15 May 27 j 22:49	5°♊53'30	0.55754 AU	
inferior conj	15 May 29 j 19:18	4°♊48'09	-3°41'18	
minimum elong	15 May 29 j 12:12	4°♊58'37	3°39'38	
morning rise	15 Jun 07 j 10:48	0°♊53'22		
direct	15 Jun 10 j 03:50	0°♊35'36		
morning max el	15 Jun 20 j 18:41	5°♊30'21	20°23'28	
asc. node	15 Jul 02 j 17:31	22°♊10'30		
	15 Jul 06 j 20:23	0°♋		
morning set	15 Jul 09 j 10:06	5°♋10'30		
superior conj	15 Jul 17 j 01:51	20°♋53'08	1°44'43	
minimum elong	15 Jul 17 j 00:41	20°♋47'12	1°44'41	
	15 Jul 21 j 16:04	0°♌		
max. Earth dist.	15 Jul 22 j 02:12	0°♌49'05	1.36327 AU	
evening rise	15 Jul 26 j 02:02	8°♌21'14		
	15 Aug 07 j 18:44	0°♍		
desc. node	15 Aug 11 j 08:48	5°♍30'33		
	15 Aug 30 j 13:12	0°♎		
evening max el	15 Aug 30 j 20:11	0°♎17'06	26°03'03	
retrograde	15 Sep 12 j 08:43	7°♎24'31		
evening set	15 Sep 18 j 15:12	4°♎46'49		
min. Earth dist.	15 Sep 22 j 20:37	0°♎13'22	0.66578 AU	
	15 Sep 23 j 00:56	30°℞♍		
inferior conj	15 Sep 24 j 05:31	28°♍30'30	-1°30'49	
minimum elong	15 Sep 24 j 07:49	28°♍23'16	1°29'52	
asc. node	15 Sep 28 j 16:43	23°♍36'12		
morning rise	15 Sep 30 j 00:46	22°♍38'34		
direct	15 Oct 03 j 04:34	21°♍41'19		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning max el	15 Oct 10 j 02:28	25°♍33'35	18°58'30	
	15 Oct 13 j 21:43	0°♎		
morning set	15 Nov 01 j 04:43	27°♎36'54		
	15 Nov 02 j 17:08	0°♏		
desc. node	15 Nov 07 j 08:05	7°♏15'42		
max. Earth dist.	15 Nov 16 j 03:39	21°♏06'20	1.44884 AU	
superior conj	15 Nov 17 j 17:06	23°♏33'54	-1°04'42	
minimum elong	15 Nov 17 j 09:28	23°♏03'47	1°03'49	
	15 Nov 21 j 18:43	0°♐		
evening rise	15 Dec 02 j 22:45	17°♐56'50		
	15 Dec 10 j 08:37	0°♑		
evening max el	15 Dec 23 j 11:33	18°♑44'12	18°40'59	
asc. node	15 Dec 25 j 16:01	20°♑41'35		
retrograde	15 Dec 30 j 03:53	22°♑28'10		
evening set	16 Jan 02 j 06:45	21°♑33'03		
inferior conj	16 Jan 08 j 01:41	15°♑54'38	3°31'26	
minimum elong	16 Jan 07 j 23:25	16°♑01'28	3°31'04	
min. Earth dist.	16 Jan 09 j 22:25	13°♑39'50	0.64964 AU	
morning rise	16 Jan 13 j 15:39	9°♑46'45		
direct	16 Jan 20 j 09:27	6°♑54'21		
morning max el	16 Feb 02 j 16:33	14°♑39'00	27°05'42	
desc. node	16 Feb 03 j 07:18	15°♑16'26		
	16 Feb 15 j 05:58	0°♒		
	16 Mar 04 j 19:32	0°♓		
morning set	16 Mar 09 j 07:09	8°♓25'52		
max. Earth dist.	16 Mar 13 j 21:04	17°♓31'19	1.34038 AU	
superior conj	16 Mar 17 j 13:37	25°♓09'08	-0°51'15	
minimum elong	16 Mar 17 j 16:05	25°♓22'01	0°50'46	
	16 Mar 19 j 20:47	0°♈		
asc. node	16 Mar 22 j 15:21	5°♈52'45		
evening rise	16 Mar 24 j 22:47	10°♈44'21		
	16 Apr 04 j 01:01	0°♉		
evening max el	16 Apr 14 j 08:06	13°♉37'06	21°42'22	
retrograde	16 Apr 26 j 17:32	19°♉39'58		
evening set	16 Apr 29 j 06:02	19°♉25'40		
desc. node	16 May 01 j 06:30	18°♉54'54		
inferior conj	16 May 08 j 15:58	15°♉22'57	-2°04'39	
minimum elong	16 May 08 j 10:19	15°♉30'51	2°02'46	
min. Earth dist.	16 May 08 j 11:42	15°♉28'55	0.55023 AU	
morning rise	16 May 17 j 15:33	11°♉25'43		
direct	16 May 20 j 15:46	11°♉05'46		
morning max el	16 Jun 01 j 22:03	16°♉52'43	21°50'39	
	16 Jun 12 j 04:09	0°♊		
asc. node	16 Jun 18 j 14:34	11°♊30'46		
morning set	16 Jun 22 j 19:19	19°♊59'29		
	16 Jun 27 j 13:23	0°♋		
superior conj	16 Jun 30 j 02:18	5°♋20'50	1°35'46	
minimum elong	16 Jun 30 j 00:10	5°♋09'38	1°35'35	
max. Earth dist.	16 Jul 03 j 16:03	12°♋43'41	1.34771 AU	
evening rise	16 Jul 08 j 05:40	21°♋46'31		
	16 Jul 12 j 15:10	0°♌		
desc. node	16 Jul 28 j 05:49	25°♌21'50		
	16 Jul 31 j 13:34	0°♍		
evening max el	16 Aug 12 j 08:05	13°♍49'34	26°55'03	
retrograde	16 Aug 25 j 11:44	21°♍07'08		
evening set	16 Sep 01 j 06:39	18°♍22'03		
min. Earth dist.	16 Sep 05 j 04:53	14°♍25'37	0.65537 AU	
inferior conj	16 Sep 07 j 02:03	12°♍14'28	-2°26'26	
minimum elong	16 Sep 07 j 05:44	12°♍03'47	2°25'06	
morning rise	16 Sep 13 j 05:24	6°♍34'59		
asc. node	16 Sep 14 j 13:46	6°♍03'01		
direct	16 Sep 16 j 01:25	5°♍50'49		
morning max el	16 Sep 22 j 15:21	9°♍26'07	18°19'28	
	16 Oct 06 j 21:38	0°♎		
morning set	16 Oct 11 j 18:05	7°♎55'08		
desc. node	16 Oct 24 j 05:07	27°♎58'56		
	16 Oct 25 j 11:40	0°♏		
superior conj	16 Oct 26 j 18:01	1°♏59'59	-0°16'39	
minimum elong	16 Oct 26 j 15:51	1°♏51'23	0°16'21	
max. Earth dist.	16 Oct 28 j 22:06	5°♏25'12	1.44990 AU	
evening rise	16 Nov 12 j 03:25	27°♏41'52		
	16 Nov 13 j 14:43	0°♐		
greatest brilliancy	16 Nov 23 j 06:51	15°♐02'55	-0.7m	
	16 Dec 03 j 20:54	0°♑		
evening max el	16 Dec 05 j 20:02	2°♑11'19	19°23'51	
asc. node	16 Dec 11 j 13:04	6°♑07'25		
retrograde	16 Dec 13 j 00:04	6°♑19'16		
evening set	16 Dec 16 j 09:46	5°♑11'34		
	16 Dec 21 j 10:17	30°℞♐		
inferior conj	16 Dec 21 j 23:22	29°♐17'52	3°02'40	
minimum elong	16 Dec 21 j 20:36	29°♐26'49	3°01'59	
min. Earth dist.	16 Dec 23 j 05:33	27°♐40'24	0.66199 AU	
morning rise	16 Dec 27 j 07:11	23°♐06'20		
direct	17 Jan 02 j 13:44	20°♐19'59		
morning max el	17 Jan 15 j 01:50	27°♐43'59	26°02'41	
	17 Jan 17 j 05:33	0°♑		
desc. node	17 Jan 20 j 04:20	3°♑22'56		
	17 Feb 07 j 22:49	0°♒		
morning set	17 Feb 20 j 07:11	21°♒20'33		
max. Earth dist.	17 Feb 24 j 05:36	28°♒47'46	1.35484 AU	
	17 Feb 24 j 20:29	0°♓		
superior conj	17 Mar 01 j 09:39	9°♓03'05	-1°16'53	
minimum elong	17 Mar 01 j 13:09	9°♓20'51	1°16'19	
evening rise	17 Mar 09 j 05:54	25°♓11'06		
asc. node	17 Mar 09 j 12:23	25°♓44'14		
	17 Mar 11 j 14:58	0°♈		
evening max el	17 Mar 27 j 13:18	24°♈48'36	20°21'27	
retrograde	17 Apr 07 j 06:57	29°♈58'14		
evening set	17 Apr 09 j 09:49	29°♈47'02		
inferior conj	17 Apr 18 j 11:30	25°♈49'13	-0°05'43	
minimum elong	17 Apr 18 j 11:14	25°♈49'36	0°05'37	
transit middle	17 Apr 18 j 11:14	25°♈49'36	0°05'37	
transit begin	17 Apr 18 j 07:28	25°♈55'08		
transit end	17 Apr 18 j 15:01	25°♈44'03		
desc. node	17 Apr 18 j 03:32	26°♈00'53		
min. Earth dist.	17 Apr 20 j 01:19	24°♈53'49	0.55242 AU	
morning rise	17 Apr 27 j 11:08	21°♈31'13		
direct	17 May 01 j 04:10	21°♈01'17		
morning max el	17 May 14 j 16:23	27°♈38'05	23°29'52	
	17 May 17 j 00:21	0°♉		
	17 Jun 04 j 21:27	0°♊		
asc. node	17 Jun 05 j 11:38	1°♊12'24		
morning set	17 Jun 07 j 06:45	4°♊56'13		
superior conj	17 Jun 14 j 08:39	20°♊06'29	1°21'32	
minimum elong	17 Jun 14 j 06:09	19°♊53'07	1°21'11	
max. Earth dist.	17 Jun 16 j 15:43	25°♊00'07	1.33599 AU	
	17 Jun 19 j 01:01	0°♋		
evening rise	17 Jun 21 j 21:42	5°♋49'15		
	17 Jul 05 j 06:01	0°♌		
desc. node	17 Jul 15 j 02:50	14°♌40'35		
evening max el	17 Jul 25 j 19:38	27°♌07'27	27°22'44	
	17 Jul 29 j 02:40	0°♍		
retrograde	17 Aug 08 j 08:58	4°♍26'49		
evening set	17 Aug 15 j 12:10	1°♍44'07		
	17 Aug 17 j 13:07	30°℞♌		
min. Earth dist.	17 Aug 19 j 04:34	28°♌22'51	0.64133 AU	
inferior conj	17 Aug 21 j 14:47	25°♌49'10	-3°18'54	
minimum elong	17 Aug 21 j 19:24	25°♌36'55	3°17'30	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	17 Aug 28 j 03:34	20°♌25'29		
direct	17 Aug 30 j 18:19	19°♌50'51		
asc. node	17 Sep 01 j 10:49	20°♌05'27		
morning max el	17 Sep 06 j 06:52	23°♌17'29	17°57'40	
	17 Sep 11 j 14:20	0°♍		
morning set	17 Sep 23 j 11:01	19°♍33'57		
	17 Sep 29 j 14:41	0°♎		
superior conj	17 Oct 06 j 09:47	11°♎13'27	0°30'43	
minimum elong	17 Oct 06 j 13:08	11°♎27'02	0°30'16	
desc. node	17 Oct 11 j 02:09	18°♎45'47		
max. Earth dist.	17 Oct 11 j 16:14	19°♎41'53	1.44369 AU	
	17 Oct 18 j 05:22	0°♏		
evening rise	17 Oct 22 j 14:23	6°♏46'39		
	17 Nov 06 j 23:48	0°♐		
evening max el	17 Nov 18 j 23:43	15°♐40'11	20°21'41	
retrograde	17 Nov 26 j 21:41	20°♐19'43		
asc. node	17 Nov 28 j 10:06	20°♐06'38		
evening set	17 Nov 30 j 16:05	18°♐57'31		
inferior conj	17 Dec 06 j 02:21	12°♐51'21	2°24'55	
minimum elong	17 Dec 05 j 23:40	13°♐00'23	2°24'03	
min. Earth dist.	17 Dec 06 j 19:28	11°♐53'32	0.67051 AU	
morning rise	17 Dec 11 j 07:05	6°♐38'08		
direct	17 Dec 16 j 23:22	4°♐07'37		
morning max el	17 Dec 28 j 10:14	10°♐57'05	24°42'18	
desc. node	18 Jan 07 j 01:23	22°♐20'37		
	18 Jan 12 j 15:13	0°♑		
	18 Jan 31 j 15:46	0°♒		
morning set	18 Feb 02 j 12:18	3°♒14'37		
max. Earth dist.	18 Feb 06 j 04:12	9°♒49'41	1.37346 AU	
superior conj	18 Feb 12 j 19:21	22°♒21'35	-1°39'15	
minimum elong	18 Feb 12 j 23:13	22°♒40'25	1°38'50	
	18 Feb 16 j 16:23	0°♓		
evening rise	18 Feb 21 j 07:30	9°♓15'23		
asc. node	18 Feb 24 j 09:26	15°♓19'28		
	18 Mar 04 j 19:42	0°♈		
evening max el	18 Mar 10 j 05:42	6°♈37'48	19°18'23	
retrograde	18 Mar 19 j 07:01	10°♈59'07		
evening set	18 Mar 21 j 11:35	10°♈44'56		
inferior conj	18 Mar 29 j 19:44	6°♈36'10	1°41'45	
minimum elong	18 Mar 29 j 23:30	6°♈29'55	1°40'34	
min. Earth dist.	18 Apr 01 j 16:05	4°♈43'19	0.56361 AU	
desc. node	18 Apr 05 j 00:35	2°♈46'36		
morning rise	18 Apr 07 j 08:35	1°♈46'03		
direct	18 Apr 12 j 02:57	0°♈53'59		
morning max el	18 Apr 26 j 06:57	8°♈07'18	25°09'14	
	18 May 12 j 10:48	0°♉		
morning set	18 May 22 j 18:42	19°♉54'50		
asc. node	18 May 23 j 08:42	21°♉08'48		
	18 May 27 j 11:11	0°♊		
superior conj	18 May 29 j 18:32	5°♊02'06	1°03'06	
minimum elong	18 May 29 j 16:13	4°♊49'28	1°02'42	
max. Earth dist.	18 May 30 j 23:15	7°♊38'23	1.32811 AU	
evening rise	18 Jun 05 j 22:27	20°♊17'40		
	18 Jun 10 j 19:56	0°♋		
	18 Jun 29 j 10:45	0°♌		
desc. node	18 Jul 01 j 23:53	3°♌12'37		
evening max el	18 Jul 08 j 04:21	9°♌56'09	27°20'10	
retrograde	18 Jul 21 j 23:34	17°♌13'46		
evening set	18 Jul 29 j 04:01	14°♌45'57		
min. Earth dist.	18 Aug 01 j 17:58	11°♌53'00	0.62392 AU	
inferior conj	18 Aug 04 j 16:41	9°♌06'42	-4°04'13	
minimum elong	18 Aug 04 j 21:20	8°♌55'45	4°03'14	
morning rise	18 Aug 11 j 15:57	4°♌02'19		
direct	18 Aug 14 j 03:56	3°♌34'24		
asc. node	18 Aug 19 j 07:54	5°♌36'20		
morning max el	18 Aug 20 j 22:09	7°♌00'27	17°53'54	
	18 Sep 04 j 19:38	0°♍		
morning set	18 Sep 06 j 01:36	2°♍14'23		
superior conj	18 Sep 17 j 03:59	21°♍45'16	1°07'58	
minimum elong	18 Sep 17 j 08:59	22°♍06'31	1°07'22	
	18 Sep 22 j 02:00	0°♎		
max. Earth dist.	18 Sep 24 j 06:46	3°♎36'16	1.43097 AU	
desc. node	18 Sep 27 j 23:12	9°♎32'20		
evening rise	18 Oct 01 j 22:27	15°♎47'52		
	18 Oct 11 j 05:46	0°♏		
evening max el	18 Nov 01 j 21:34	29°♏08'58	21°31'42	
	18 Nov 02 j 18:08	0°♐		
retrograde	18 Nov 10 j 18:43	4°♐25'48		
evening set	18 Nov 14 j 23:48	2°♐47'15		
asc. node	18 Nov 15 j 07:08	2°♐32'16		
	18 Nov 17 j 17:31	30°℞♏		
inferior conj	18 Nov 20 j 08:21	26°♏31'56	1°40'21	
minimum elong	18 Nov 20 j 06:15	26°♏39'11	1°39'33	
min. Earth dist.	18 Nov 20 j 13:52	26°♏12'55	0.67533 AU	
morning rise	18 Nov 25 j 12:34	20°♏18'56		
direct	18 Nov 30 j 13:32	18°♏09'34		
morning max el	18 Dec 10 j 19:28	24°♏15'07	23°14'45	
	18 Dec 15 j 22:24	0°♐		
desc. node	18 Dec 24 j 22:27	11°♐54'33		
	19 Jan 06 j 02:21	0°♑		
morning set	19 Jan 14 j 16:16	13°♑52'30		
max. Earth dist.	19 Jan 18 j 23:31	21°♑12'40	1.39447 AU	
	19 Jan 23 j 22:22	0°♒		
superior conj	19 Jan 26 j 14:36	4°♒54'14	-1°55'34	
minimum elong	19 Jan 26 j 17:31	5°♒07'44	1°55'25	
evening rise	19 Feb 05 j 00:49	22°♒50'22		
	19 Feb 08 j 19:01	0°♓		
asc. node	19 Feb 11 j 06:29	4°♓32'48		
evening max el	19 Feb 21 j 07:32	19°♓02'02	18°35'12	
retrograde	19 Mar 01 j 01:30	22°♓49'16		
evening set	19 Mar 03 j 11:00	22°♓28'47		
inferior conj	19 Mar 11 j 00:16	18°♓01'20	2°56'48	
minimum elong	19 Mar 11 j 04:23	17°♓53'20	2°55'54	
min. Earth dist.	19 Mar 14 j 09:52	15°♓24'13	0.58130 AU	
morning rise	19 Mar 18 j 18:59	12°♓40'16		
desc. node	19 Mar 22 j 21:38	11°♓21'35		
direct	19 Mar 24 j 15:22	11°♓13'53		
morning max el	19 Apr 07 j 23:56	18°♓49'40	26°33'17	
	19 Apr 17 j 09:36	0°♈		
	19 May 04 j 21:24	0°♉		
morning set	19 May 07 j 05:33	4°♉49'43		
asc. node	19 May 10 j 05:46	11°♉14'50		
superior conj	19 May 14 j 06:09	20°♉01'33	0°41'22	
minimum elong	19 May 14 j 04:26	19°♉52'09	0°41'02	
max. Earth dist.	19 May 14 j 11:11	20°♉29'14	1.32394 AU	
	19 May 18 j 19:59	0°♊		
evening rise	19 May 21 j 05:04	5°♊02'39		
	19 Jun 03 j 12:34	0°♋		
desc. node	19 Jun 18 j 20:54	20°♋38'23		
evening max el	19 Jun 20 j 07:34	22°♋03'58	26°44'34	
retrograde	19 Jul 04 j 06:55	29°♋19'31		
evening set	19 Jul 11 j 01:49	27°♋20'12		
min. Earth dist.	19 Jul 14 j 21:06	24°♋41'57	0.60397 AU	
inferior conj	19 Jul 18 j 04:21	21°♋58'48	-4°36'06	
minimum elong	19 Jul 18 j 07:20	21°♋52'38	4°35'47	
morning rise	19 Jul 25 j 14:44	17°♋16'26		
direct	19 Jul 28 j 02:10	16°♋53'07		
morning max el	19 Aug 04 j 10:15	20°♋28'06	18°09'14	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	19 Aug 06 j 04:58	22°♋21'51		
	19 Aug 11 j 14:23	0°♌		
morning set	19 Aug 20 j 08:06	15°♌40'42		
	19 Aug 28 j 00:55	0°♍		
superior conj	19 Aug 30 j 00:25	3°♍34'52	1°32'12	
minimum elong	19 Aug 30 j 04:10	3°♍51'44	1°31'53	
max. Earth dist.	19 Sep 06 j 15:23	16°♍51'27	1.41346 AU	
evening rise	19 Sep 11 j 21:04	25°♍30'34		
desc. node	19 Sep 14 j 20:13	0°♎15'20		
	19 Sep 14 j 16:21	0°♎		
	19 Oct 05 j 02:01	0°♏		
evening max el	19 Oct 15 j 13:58	12°♏38'32	22°49'40	
retrograde	19 Oct 25 j 13:32	18°♏34'19		
evening set	19 Oct 30 j 07:09	16°♏38'11		
asc. node	19 Nov 02 j 04:11	13°♏35'47		
inferior conj	19 Nov 04 j 15:30	10°♏17'26	0°50'39	
minimum elong	19 Nov 04 j 14:21	10°♏21'26	0°50'09	
min. Earth dist.	19 Nov 04 j 10:23	10°♏35'05	0.67677 AU	
morning rise	19 Nov 09 j 21:26	4°♏06'48		
direct	19 Nov 14 j 07:36	2°♏20'02		
morning max el	19 Nov 23 j 08:41	7°♏39'32	21°49'02	
	19 Dec 10 j 12:19	0°♐		
desc. node	19 Dec 11 j 19:29	1°♐54'12		
morning set	19 Dec 25 j 15:03	23°♐06'18		
	19 Dec 29 j 21:18	0°♑		
max. Earth dist.	19 Dec 31 j 22:29	3°♑23'06	1.41520 AU	
superior conj	20 Jan 08 j 14:12	16°♑27'46	-2°02'00	
minimum elong	20 Jan 08 j 14:08	16°♑27'27	2°02'00	
	20 Jan 16 j 02:56	0°♒		
evening rise	20 Jan 19 j 06:24	5°♒47'22		
asc. node	20 Jan 29 j 03:31	23°♒16'25		
	20 Feb 02 j 22:16	0°♓		
evening max el	20 Feb 04 j 15:53	1°♓52'48	18°12'05	
retrograde	20 Feb 11 j 13:52	5°♓21'47		
evening set	20 Feb 14 j 04:17	4°♓53'00		
inferior conj	20 Feb 21 j 01:22	0°♓04'42	3°37'26	
minimum elong	20 Feb 21 j 03:36	29°♒59'38	3°37'10	
	20 Feb 21 j 03:27	30°℞♒		
min. Earth dist.	20 Feb 24 j 09:11	27°♒05'55	0.60212 AU	
morning rise	20 Feb 28 j 00:55	24°♒21'48		
direct	20 Mar 05 j 16:11	22°♒17'29		
desc. node	20 Mar 08 j 18:40	22°♒43'14		
	20 Mar 19 j 20:28	0°♓		
morning max el	20 Mar 19 j 22:39	0°♓05'21	27°28'24	
	20 Apr 10 j 08:49	0°♈		
morning set	20 Apr 20 j 13:26	19°♈33'28		
	20 Apr 25 j 11:11	0°♉		
asc. node	20 Apr 26 j 02:48	1°♉25'03		
max. Earth dist.	20 Apr 26 j 23:41	3°♉19'05	1.32344 AU	
superior conj	20 Apr 27 j 17:41	4°♉57'39	0°17'05	
minimum elong	20 Apr 27 j 16:55	4°♉53'27	0°16'55	
evening rise	20 May 04 j 15:10	19°♉55'22		
	20 May 09 j 13:51	0°♊		
	20 May 28 j 20:53	0°♋		
evening max el	20 Jun 01 j 03:55	3°♋25'55	25°38'19	
desc. node	20 Jun 04 j 17:55	6°♋29'54		
retrograde	20 Jun 15 j 05:11	10°♋37'18		
evening set	20 Jun 21 j 01:20	9°♋16'23		
min. Earth dist.	20 Jun 25 j 16:09	6°♋34'41	0.58341 AU	
inferior conj	20 Jun 28 j 22:10	4°♋15'22	-4°44'47	
minimum elong	20 Jun 28 j 21:21	4°♋16'49	4°44'46	
morning rise	20 Jul 06 j 19:55	29°♊55'20		
	20 Jul 06 j 13:07	30°℞♊		
direct	20 Jul 09 j 08:29	29°♊35'09		
	20 Jul 12 j 01:47	0°♋		
morning max el	20 Jul 17 j 16:01	3°♋30'45	18°44'53	
asc. node	20 Jul 23 j 02:01	10°♋06'15		
morning set	20 Aug 03 j 01:57	29°♋40'41		
	20 Aug 03 j 05:55	0°♌		
superior conj	20 Aug 11 j 17:49	16°♌27'10	1°44'28	
minimum elong	20 Aug 11 j 19:25	16°♌34'48	1°44'25	
max. Earth dist.	20 Aug 18 j 19:07	29°♌22'28	1.39350 AU	
	20 Aug 19 j 03:37	0°♍		
evening rise	20 Aug 22 j 19:41	6°♍21'16		
desc. node	20 Aug 31 j 17:14	20°♍51'07		
	20 Sep 06 j 17:48	0°♎		
evening max el	20 Sep 27 j 02:49	26°♎11'38	24°09'52	
	20 Oct 01 j 11:45	0°♏		
retrograde	20 Oct 08 j 04:54	2°♏42'12		
evening set	20 Oct 13 j 12:29	0°♏28'23		
	20 Oct 14 j 01:09	30°℞♎		
inferior conj	20 Oct 18 j 22:02	24°♎06'14	-0°02'45	
minimum elong	20 Oct 18 j 22:06	24°♎06'01	0°02'44	
transit middle	20 Oct 18 j 22:06	24°♎06'01	0°02'44	
transit begin	20 Oct 18 j 19:25	24°♎15'06		
transit end	20 Oct 19 j 00:48	23°♎56'56		
min. Earth dist.	20 Oct 18 j 06:36	24°♎58'22	0.67504 AU	
asc. node	20 Oct 19 j 01:13	23°♎55'29		
morning rise	20 Oct 24 j 07:43	18°♎00'28		
direct	20 Oct 28 j 04:33	16°♎35'08		
morning max el	20 Nov 05 j 04:40	21°♎13'26	20°32'06	
	20 Nov 12 j 10:58	0°♏		
desc. node	20 Nov 27 j 16:29	22°♏12'24		
	20 Dec 02 j 18:24	0°♐		
morning set	20 Dec 03 j 15:08	1°♐20'18		
max. Earth dist.	20 Dec 13 j 04:48	16°♐27'50	1.43282 AU	
superior conj	20 Dec 19 j 12:58	26°♐50'56	-1°53'56	
minimum elong	20 Dec 19 j 08:07	26°♐30'45	1°53'40	
	20 Dec 21 j 10:10	0°♑		
evening rise	20 Dec 31 j 20:11	17°♑58'10		
	21 Jan 07 j 17:37	0°♒		
asc. node	21 Jan 15 j 00:32	11°♒21'18		
evening max el	21 Jan 18 j 03:46	15°♒02'10	18°08'36	
retrograde	21 Jan 24 j 16:26	18°♒27'16		
evening set	21 Jan 27 j 11:24	17°♒48'58		
inferior conj	21 Feb 02 j 19:50	12°♒39'55	3°50'13	
minimum elong	21 Feb 02 j 19:51	12°♒39'53	3°50'12	
min. Earth dist.	21 Feb 05 j 16:27	9°♒44'19	0.62278 AU	
morning rise	21 Feb 09 j 03:10	6°♒43'45		
direct	21 Feb 16 j 02:48	4°♒09'27		
desc. node	21 Feb 23 j 15:42	6°♒41'55		
morning max el	21 Mar 02 j 03:09	12°♒01'39	27°47'23	
	21 Mar 16 j 09:18	0°♓		
	21 Apr 02 j 16:35	0°♈		
morning set	21 Apr 04 j 16:21	3°♈59'17		
max. Earth dist.	21 Apr 10 j 08:57	15°♈55'10	1.32678 AU	
superior conj	21 Apr 12 j 03:29	19°♈44'56	-0°08'59	
minimum elong	21 Apr 12 j 03:54	19°♈47'13	0°08'53	
behind sun begin	21 Apr 11 j 23:36	19°♈23'52		
behind sun end	21 Apr 12 j 08:12	20°♈10'35		
asc. node	21 Apr 12 j 23:50	21°♈35'33		
	21 Apr 16 j 20:44	0°♉		
evening rise	21 Apr 19 j 02:51	4°♉49'20		
	21 May 02 j 14:48	0°♊		
evening max el	21 May 13 j 19:10	14°♊11'44	24°10'21	
desc. node	21 May 22 j 14:57	20°♊12'18		
retrograde	21 May 27 j 15:39	21°♊09'55		
evening set	21 Jun 01 j 02:33	20°♊25'48		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	21 Jun 07 j 06:26	17°♊24'54	0.56540 AU
inferior conj	21 Jun 09 j 19:51	15°♊49'03	-4°17'31
minimum elong	21 Jun 09 j 14:22	15°♊57'40	4°16'38
morning rise	21 Jun 18 j 05:00	11°♊47'25	
direct	21 Jun 20 j 20:03	11°♊29'07	
morning max el	21 Jun 30 j 12:34	15°♊58'43	19°41'33
asc. node	21 Jul 09 j 23:03	28°♊36'10	
	21 Jul 10 j 18:31	0°♋	
morning set	21 Jul 18 j 03:45	14°♋05'12	
superior conj	21 Jul 26 j 02:37	0°♌06'10	1°46'55
minimum elong	21 Jul 26 j 02:18	0°♌04'34	1°46'56
	21 Jul 26 j 01:22	0°♌	
max. Earth dist.	21 Jul 31 j 22:40	11°♌21'01	1.37371 AU
evening rise	21 Aug 04 j 18:22	18°♌20'49	
	21 Aug 11 j 12:39	0°♍	
desc. node	21 Aug 18 j 14:15	11°♍14'43	
	21 Aug 31 j 23:14	0°♎	
evening max el	21 Sep 09 j 14:27	9°♎48'23	25°25'09
retrograde	21 Sep 21 j 15:45	16°♎44'49	
evening set	21 Sep 27 j 14:03	14°♎14'55	
min. Earth dist.	21 Oct 02 j 00:01	9°♎20'13	0.67013 AU
inferior conj	21 Oct 03 j 02:12	7°♎55'29	-0°58'23
minimum elong	21 Oct 03 j 03:41	7°♎50'44	0°57'46
asc. node	21 Oct 05 j 22:16	4°♎27'20	
morning rise	21 Oct 08 j 17:28	1°♎57'31	
direct	21 Oct 12 j 02:56	0°♎50'53	
morning max el	21 Oct 19 j 08:17	4°♎56'51	19°28'18
	21 Nov 06 j 08:09	0°♏	
morning set	21 Nov 12 j 14:26	9°♏40'40	
desc. node	21 Nov 14 j 13:30	12°♏43'24	
	21 Nov 25 j 14:07	0°♐	
max. Earth dist.	21 Nov 25 j 18:24	0°♐16'54	1.44502 AU
superior conj	21 Nov 29 j 09:04	6°♐01'32	-1°27'44
minimum elong	21 Nov 29 j 00:48	5°♐28'32	1°26'56
evening rise	21 Dec 13 j 13:44	29°♐14'28	
	21 Dec 14 j 00:38	0°♑	
evening max el	22 Jan 01 j 16:14	28°♑22'04	18°23'59
asc. node	22 Jan 01 j 21:34	28°♑35'28	
	22 Jan 03 j 11:34	0°♒	
retrograde	22 Jan 08 j 04:47	1°♒55'50	
evening set	22 Jan 11 j 04:36	1°♒07'02	
	22 Jan 12 j 20:39	30°℞♑	
inferior conj	22 Jan 17 j 03:38	25°♑38'34	3°42'38
minimum elong	22 Jan 17 j 01:59	25°♑43'18	3°42'28
min. Earth dist.	22 Jan 19 j 09:10	23°♑05'34	0.64092 AU
morning rise	22 Jan 22 j 22:49	19°♑34'14	
direct	22 Jan 29 j 20:56	16°♑44'20	
desc. node	22 Feb 10 j 12:43	22°♑42'04	
morning max el	22 Feb 12 j 11:33	24°♑33'37	27°30'10
	22 Feb 17 j 10:21	0°♒	
	22 Mar 09 j 18:37	0°♓	
morning set	22 Mar 19 j 11:43	17°♓58'47	
max. Earth dist.	22 Mar 24 j 11:15	28°♓05'45	1.33419 AU
	22 Mar 25 j 09:06	0°♈	
superior conj	22 Mar 27 j 09:43	4°♈17'12	-0°35'51
minimum elong	22 Mar 27 j 11:27	4°♈26'24	0°35'29
asc. node	22 Mar 30 j 20:54	11°♈42'22	
evening rise	22 Apr 03 j 14:17	19°♈38'15	
	22 Apr 08 j 16:57	0°♉	
evening max el	22 Apr 25 j 10:52	24°♉46'11	22°34'56
	22 May 02 j 20:36	0°♊	
retrograde	22 May 08 j 13:18	1°♊14'29	
desc. node	22 May 09 j 11:58	1°♊12'29	
evening set	22 May 11 j 15:29	0°♊53'31	
	22 May 14 j 12:06	30°℞♉	
min. Earth dist.	22 May 19 j 18:55	27°♉21'31	0.55335 AU
inferior conj	22 May 20 j 23:21	26°♉41'03	-3°04'55
minimum elong	22 May 20 j 16:09	26°♉51'19	3°02'52
morning rise	22 May 29 j 18:54	22°♉47'33	
direct	22 Jun 01 j 14:28	22°♉29'17	
morning max el	22 Jun 12 j 22:09	27°♉45'21	20°58'36
	22 Jun 15 j 03:17	0°♊	
asc. node	22 Jun 26 j 20:07	17°♊40'56	
morning set	22 Jul 02 j 10:56	28°♊47'32	
	22 Jul 03 j 00:59	0°♋	
superior conj	22 Jul 09 j 22:25	14°♋19'29	1°41'39
minimum elong	22 Jul 09 j 20:46	14°♋10'56	1°41'33
max. Earth dist.	22 Jul 14 j 07:55	23°♋11'55	1.35620 AU
	22 Jul 17 j 20:11	0°♌	
evening rise	22 Jul 18 j 12:53	1°♌18'49	
	22 Aug 04 j 13:40	0°♍	
desc. node	22 Aug 05 j 11:18	1°♍20'20	
evening max el	22 Aug 23 j 02:18	23°♍25'01	26°27'44
	22 Sep 01 j 12:41	0°♎	
retrograde	22 Sep 04 j 21:39	0°♎37'06	
	22 Sep 08 j 01:40	30°℞♍	
evening set	22 Sep 11 j 09:52	27°♍55'22	
min. Earth dist.	22 Sep 15 j 12:12	23°♍37'47	0.66183 AU
inferior conj	22 Sep 17 j 02:09	21°♍42'35	-1°54'36
minimum elong	22 Sep 17 j 05:04	21°♍33'43	1°53'27
asc. node	22 Sep 22 j 19:17	16°♍03'26	
morning rise	22 Sep 23 j 00:40	15°♍55'34	
direct	22 Sep 26 j 00:59	15°♍04'11	
morning max el	22 Oct 02 j 18:29	18°♍47'45	18°39'54
	22 Oct 11 j 07:06	0°♎	
morning set	22 Oct 23 j 11:20	19°♎10'04	
	22 Oct 30 j 07:02	0°♏	
desc. node	22 Nov 01 j 10:33	3°♏23'25	
superior conj	22 Nov 08 j 11:15	14°♏27'19	-0°45'04
minimum elong	22 Nov 08 j 05:28	14°♏04'33	0°44'19
max. Earth dist.	22 Nov 08 j 12:35	14°♏32'33	1.45029 AU
	22 Nov 18 j 07:55	0°♐	
evening rise	22 Nov 24 j 07:58	9°♐32'37	
greatest brilliancy	22 Dec 02 j 03:07	21°♐59'18	-0.8m
	22 Dec 07 j 06:24	0°♑	
evening max el	22 Dec 16 j 02:47	11°♑47'34	18°57'10
asc. node	22 Dec 19 j 18:36	14°♑45'20	
retrograde	22 Dec 22 j 23:08	15°♑40'31	
evening set	22 Dec 26 j 04:48	14°♑40'05	
inferior conj	22 Dec 31 j 21:11	8°♑54'33	3°20'27
minimum elong	22 Dec 31 j 18:37	9°♑02'32	3°19'57
min. Earth dist.	23 Jan 02 j 11:27	6°♑55'26	0.65543 AU
morning rise	23 Jan 06 j 08:09	2°♑44'55	
	23 Jan 11 j 15:11	30°℞♐	
direct	23 Jan 12 j 21:35	29°♐54'01	
	23 Jan 14 j 04:47	0°♑	
morning max el	23 Jan 25 j 21:22	7°♑30'55	26°41'38
desc. node	23 Jan 28 j 09:45	10°♑10'15	
	23 Feb 12 j 09:14	0°♒	
	23 Mar 02 j 02:59	0°♓	
morning set	23 Mar 02 j 20:07	1°♓21'01	
max. Earth dist.	23 Mar 07 j 03:07	9°♓42'41	1.34603 AU
superior conj	23 Mar 11 j 10:15	18°♓27'17	-1°02'23
minimum elong	23 Mar 11 j 13:12	18°♓42'34	1°01'51
	23 Mar 16 j 22:41	0°♈	
asc. node	23 Mar 17 j 17:57	1°♈40'47	
evening rise	23 Mar 18 j 23:37	4°♈15'11	
	23 Apr 02 j 12:28	0°♉	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	23 Apr 07 j 09:45	5°♉37'45	21°05'54
retrograde	23 Apr 19 j 03:04	11°♉18'51	
evening set	23 Apr 21 j 09:39	11°♉06'46	
desc. node	23 Apr 26 j 08:59	9°♉27'03	
inferior conj	23 Apr 30 j 17:40	7°♉07'55	-1°14'50
minimum elong	23 Apr 30 j 14:08	7°♉12'55	1°13'35
min. Earth dist.	23 May 01 j 07:44	6°♉48'04	0.54996 AU
morning rise	23 May 09 j 18:37	3°♉04'26	
direct	23 May 13 j 00:36	2°♉41'36	
morning max el	23 May 25 j 21:14	8°♉50'12	22°32'07
	23 Jun 09 j 23:17	0°♊	
asc. node	23 Jun 13 j 17:11	7°♊11'01	
morning set	23 Jun 16 j 21:19	13°♊40'31	
superior conj	23 Jun 24 j 01:42	28°♊55'42	1°30'19
minimum elong	23 Jun 23 j 23:21	28°♊43'13	1°30'03
	23 Jun 24 j 13:52	0°♋	
max. Earth dist.	23 Jun 27 j 02:06	5°♋15'09	1.34220 AU
evening rise	23 Jul 01 j 22:17	15°♋01'00	
	23 Jul 10 j 00:23	0°♌	
desc. node	23 Jul 23 j 08:21	20°♌59'03	
	23 Jul 30 j 06:19	0°♍	
evening max el	23 Aug 05 j 14:05	6°♍51'46	27°10'07
retrograde	23 Aug 18 j 22:11	14°♍10'54	
evening set	23 Aug 25 j 21:28	11°♍25'05	
min. Earth dist.	23 Aug 29 j 16:53	7°♍44'27	0.64986 AU
inferior conj	23 Aug 31 j 19:40	5°♍22'37	-2°49'17
minimum elong	23 Aug 31 j 23:49	5°♍10'59	2°47'52
	23 Sep 06 j 18:49	30°℞♌	
morning rise	23 Sep 07 j 02:54	29°♌49'44	
direct	23 Sep 09 j 20:24	29°♌10'03	
asc. node	23 Sep 09 j 16:21	29°♌10'12	
	23 Sep 12 j 22:29	0°♍	
morning max el	23 Sep 16 j 08:53	2°♍40'27	18°08'08
	23 Oct 04 j 11:59	0°♎	
morning set	23 Oct 04 j 12:55	0°♎03'56	
superior conj	23 Oct 18 j 16:11	23°♎07'09	0°04'16
minimum elong	23 Oct 18 j 16:42	23°♎09'14	0°04'12
behind sun begin	23 Oct 18 j 06:13	22°♎27'22	
behind sun end	23 Oct 19 j 03:12	23°♎51'02	
desc. node	23 Oct 19 j 07:37	24°♎08'37	
max. Earth dist.	23 Oct 22 j 07:25	28°♎53'01	1.44808 AU
	23 Oct 23 j 00:24	0°♏	
evening rise	23 Nov 04 j 03:54	18°♏57'24	
	23 Nov 11 j 07:34	0°♐	
greatest brilliancy	23 Nov 17 j 04:17	8°♐54'46	-0.7m
evening max el	23 Nov 29 j 09:21	25°♐15'26	19°46'41
retrograde	23 Dec 06 j 20:24	29°♐36'25	
asc. node	23 Dec 06 j 15:37	29°♐36'12	
evening set	23 Dec 10 j 09:31	28°♐22'47	
inferior conj	23 Dec 15 j 21:27	22°♐23'07	2°47'38
minimum elong	23 Dec 15 j 18:40	22°♐32'21	2°46'51
min. Earth dist.	23 Dec 16 j 21:50	21°♐02'34	0.66603 AU
morning rise	23 Dec 21 j 03:36	16°♐10'27	
direct	23 Dec 27 j 04:10	13°♐30'04	
morning max el	24 Jan 08 j 06:32	20°♐41'30	25°30'05
desc. node	24 Jan 15 j 06:48	28°♐41'02	
	24 Jan 16 j 07:46	0°♑	
	24 Feb 05 j 13:28	0°♒	
morning set	24 Feb 13 j 12:57	13°♒52'50	
max. Earth dist.	24 Feb 17 j 07:09	20°♒50'47	1.36232 AU
	24 Feb 22 j 00:40	0°♓	
superior conj	24 Feb 23 j 02:22	2°♓07'38	-1°26'55
minimum elong	24 Feb 23 j 06:09	2°♓26'28	1°26'23
evening rise	24 Mar 02 j 04:46	18°♓33'46	
asc. node	24 Mar 03 j 15:00	21°♓26'17	
	24 Mar 08 j 01:04	0°♈	
evening max el	24 Mar 19 j 19:46	17°♈05'14	19°52'12
retrograde	24 Mar 29 j 19:59	21°♈53'26	
evening set	24 Mar 31 j 22:27	21°♈41'38	
inferior conj	24 Apr 09 j 17:18	17°♈40'32	0°42'57
minimum elong	24 Apr 09 j 19:09	17°♈37'40	0°42'19
min. Earth dist.	24 Apr 11 j 22:00	16°♈19'41	0.55616 AU
desc. node	24 Apr 12 j 06:00	16°♈07'41	
morning rise	24 Apr 18 j 13:33	13°♈09'09	
direct	24 Apr 22 j 16:21	12°♈31'38	
morning max el	24 May 06 j 13:28	19°♈26'25	24°13'00
	24 May 15 j 10:05	0°♉	
asc. node	24 May 30 j 14:16	26°♉59'33	
morning set	24 May 31 j 09:10	28°♉38'34	
	24 Jun 01 j 00:35	0°♊	
superior conj	24 Jun 07 j 09:50	13°♊46'28	1°14'10
minimum elong	24 Jun 07 j 07:21	13°♊33'05	1°13'48
max. Earth dist.	24 Jun 09 j 05:12	17°♊40'01	1.33214 AU
evening rise	24 Jun 14 j 18:24	29°♊15'34	
	24 Jun 15 j 03:13	0°♋	
	24 Jul 02 j 02:55	0°♌	
desc. node	24 Jul 09 j 05:22	9°♌59'34	
evening max el	24 Jul 18 j 00:29	19°♌57'34	27°25'32
retrograde	24 Jul 31 j 16:55	27°♌17'20	
evening set	24 Aug 07 j 21:40	24°♌39'02	
min. Earth dist.	24 Aug 11 j 12:15	21°♌31'08	0.63426 AU
inferior conj	24 Aug 14 j 04:08	18°♌50'11	-3°39'21
minimum elong	24 Aug 14 j 08:55	18°♌38'04	3°38'05
morning rise	24 Aug 20 j 21:18	13°♌34'33	
direct	24 Aug 23 j 10:28	13°♌03'15	
asc. node	24 Aug 26 j 13:25	13°♌51'00	
morning max el	24 Aug 30 j 00:41	16°♌28'48	17°53'48
	24 Sep 08 j 14:33	0°♍	
morning set	24 Sep 15 j 15:44	12°♍10'09	
	24 Sep 26 j 01:14	0°♎	
superior conj	24 Sep 27 j 18:32	2°♎51'54	0°48'05
minimum elong	24 Sep 27 j 23:04	3°♎10'38	0°47'28
max. Earth dist.	24 Oct 03 j 23:40	12°♎59'29	1.43889 AU
desc. node	24 Oct 05 j 04:40	14°♎55'27	
evening rise	24 Oct 13 j 11:13	27°♎53'49	
	24 Oct 14 j 19:59	0°♏	
	24 Nov 04 j 05:49	0°♐	
evening max el	24 Nov 11 j 10:30	8°♐43'45	20°50'16
retrograde	24 Nov 19 j 18:02	13°♐39'09	
asc. node	24 Nov 22 j 12:40	12°♐55'29	
evening set	24 Nov 23 j 16:37	12°♐10'25	
inferior conj	24 Nov 29 j 01:58	5°♐59'57	2°06'47
minimum elong	24 Nov 28 j 23:29	6°♐08'26	2°05'55
min. Earth dist.	24 Nov 29 j 14:03	5°♐18'35	0.67291 AU
morning rise	24 Dec 04 j 06:09	29°♏46'19	
	24 Dec 04 j 00:08	30°℞♏	
direct	24 Dec 09 j 15:55	27°♏24'12	
	24 Dec 16 j 03:20	0°♐	
morning max el	24 Dec 20 j 14:55	3°♐56'32	24°05'23
desc. node	25 Jan 01 j 03:51	17°♐55'34	
	25 Jan 09 j 14:38	0°♑	
morning set	25 Jan 25 j 08:10	25°♑16'41	
	25 Jan 28 j 01:00	0°♒	
max. Earth dist.	25 Jan 29 j 02:56	1°♒55'23	1.38221 AU
superior conj	25 Feb 05 j 06:28	15°♒08'04	-1°47'08
minimum elong	25 Feb 05 j 10:09	15°♒25'34	1°46'48
	25 Feb 12 j 21:29	0°♓	
evening rise	25 Feb 14 j 03:11	2°♓26'16	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	25 Feb	18 j 12:02	10°♓52'51		evening rise	26 Jan	28 j 15:56	15°♒45'45	
evening max el	25 Mar	02 j 16:33	29°♓10'30	18°57'33	asc. node	26 Feb	05 j 09:02	29°♒54'17	
	25 Mar	03 j 14:14	0°♈			26 Feb	05 j 10:22	0°♓	
retrograde	25 Mar	11 j 03:10	3°♈14'59		evening max el	26 Feb	13 j 21:36	11°♓47'18	18°22'55
evening set	25 Mar	13 j 09:42	2°♈58'30		retrograde	26 Feb	21 j 05:24	15°♓24'24	
	25 Mar	19 j 13:03	30°℞♓		evening set	26 Feb	23 j 17:15	15°♓00'25	
inferior conj	25 Mar	21 j 09:44	28°♓42'44	2°17'56	inferior conj	26 Mar	02 j 23:12	10°♓24'09	3°17'55
minimum elong	25 Mar	21 j 14:03	28°♓35'05	2°16'45	minimum elong	26 Mar	03 j 02:40	10°♓16'58	3°17'18
min. Earth dist.	25 Mar	24 j 14:04	26°♓28'28	0.57058 AU	min. Earth dist.	26 Mar	06 j 09:37	7°♓34'54	0.59009 AU
morning rise	25 Mar	29 j 15:22	23°♓38'26		morning rise	26 Mar	10 j 09:39	4°♓52'58	
desc. node	25 Mar	30 j 03:02	23°♓27'00		direct	26 Mar	16 j 15:31	3°♓10'05	
direct	25 Apr	03 j 21:25	22°♓32'35		desc. node	26 Mar	17 j 00:04	3°♓10'25	
morning max el	25 Apr	18 j 04:22	29°♓57'38	25°47'37	morning max el	26 Mar	30 j 23:17	10°♓51'14	27°00'46
	25 Apr	18 j 05:21	0°♈			26 Apr	14 j 19:10	0°♈	
	25 May	09 j 01:21	0°♉		morning set	26 Apr	30 j 06:37	28°♈26'31	
morning set	25 May	15 j 20:50	13°♉35'55			26 May	01 j 00:26	0°♉	
asc. node	25 May	17 j 11:20	17°♉00'25		asc. node	26 May	04 j 08:22	7°♉08'28	
superior conj	25 May	22 j 20:41	28°♉44'26	0°54'14	superior conj	26 May	07 j 08:26	13°♉42'58	0°31'20
minimum elong	25 May	22 j 18:34	28°♉32'53	0°53'51	minimum elong	26 May	07 j 07:05	13°♉35'33	0°31'03
	25 May	23 j 10:29	0°♊		max. Earth dist.	26 May	07 j 03:34	13°♉16'13	1.32334 AU
max. Earth dist.	25 May	23 j 14:53	0°♊23'59	1.32589 AU	evening rise	26 May	14 j 06:19	28°♉41'22	
evening rise	25 May	29 j 21:58	13°♊52'03			26 May	14 j 21:21	0°♊	
	25 Jun	07 j 04:58	0°♋			26 May	31 j 15:11	0°♋	
desc. node	25 Jun	26 j 02:22	28°♋06'09		evening max el	26 Jun	12 j 07:51	14°♋19'25	26°19'49
	25 Jun	27 j 19:37	0°♌		desc. node	26 Jun	12 j 23:22	14°♋55'45	
evening max el	25 Jun	30 j 07:15	2°♌30'27	27°09'09	retrograde	26 Jun	26 j 08:13	21°♋32'46	
retrograde	25 Jul	14 j 04:50	9°♌47'25		evening set	26 Jul	02 j 19:07	19°♋49'24	
evening set	25 Jul	21 j 06:27	7°♌30'25		min. Earth dist.	26 Jul	06 j 20:51	17°♋11'51	0.59514 AU
min. Earth dist.	25 Jul	24 j 21:27	4°♌45'25	0.61558 AU	inferior conj	26 Jul	10 j 04:57	14°♋36'37	-4°43'22
inferior conj	25 Jul	28 j 00:27	1°♌58'16	-4°19'56	minimum elong	26 Jul	10 j 06:34	14°♋33'27	4°43'18
minimum elong	25 Jul	28 j 04:38	1°♌48'53	4°19'14	morning rise	26 Jul	17 j 20:07	10°♋03'33	
	25 Jul	30 j 07:13	30°℞♋		direct	26 Jul	20 j 07:57	9°♋41'36	
morning rise	25 Aug	04 j 04:22	27°♋02'46		morning max el	26 Jul	28 j 00:39	13°♋23'48	18°21'50
direct	25 Aug	06 j 15:44	26°♋37'07		asc. node	26 Jul	31 j 07:34	17°♋07'37	
asc. node	25 Aug	13 j 10:30	29°♋55'27			26 Aug	08 j 07:48	0°♌	
morning max el	25 Aug	13 j 14:57	0°♌06'10	17°57'59	morning set	26 Aug	13 j 01:36	8°♌54'07	
	25 Aug	13 j 12:25	0°♌						
morning set	25 Aug	29 j 13:45	25°♌12'00		superior conj	26 Aug	22 j 06:24	26°♌15'53	1°38'45
	25 Sep	01 j 04:47	0°♍		minimum elong	26 Aug	22 j 09:16	26°♌29'04	1°38'34
						26 Aug	24 j 07:37	0°♍	
superior conj	25 Sep	09 j 00:21	13°♍57'56	1°19'50	max. Earth dist.	26 Aug	29 j 18:19	9°♍36'00	1.40515 AU
minimum elong	25 Sep	09 j 05:03	14°♍18'22	1°19'20	evening rise	26 Sep	03 j 08:01	17°♍18'16	
max. Earth dist.	25 Sep	16 j 11:36	26°♍38'00	1.42395 AU	desc. node	26 Sep	08 j 22:42	26°♍21'22	
	25 Sep	18 j 12:53	0°♎			26 Sep	11 j 06:45	0°♎	
desc. node	25 Sep	22 j 01:42	5°♎41'02			26 Oct	02 j 16:53	0°♏	
evening rise	25 Sep	22 j 23:41	7°♎08'11		evening max el	26 Oct	07 j 20:43	5°♏44'07	23°23'57
	25 Oct	08 j 02:17	0°♏		retrograde	26 Oct	18 j 07:30	11°♏54'48	
evening max el	25 Oct	25 j 06:01	22°♏13'10	22°04'19	evening set	26 Oct	23 j 07:01	9°♏51'02	
retrograde	25 Nov	03 j 14:12	27°♏46'26		asc. node	26 Oct	27 j 06:45	5°♏21'34	
evening set	25 Nov	08 j 00:21	26°♏00'42		inferior conj	26 Oct	28 j 15:44	3°♏29'25	0°28'23
asc. node	25 Nov	09 j 09:42	24°♏43'20		minimum elong	26 Oct	28 j 15:04	3°♏31'43	0°28'05
inferior conj	25 Nov	13 j 08:40	19°♏42'52	1°19'52	min. Earth dist.	26 Oct	28 j 06:14	4°♏01'59	0.67647 AU
minimum elong	25 Nov	13 j 06:56	19°♏48'53	1°19'09		26 Oct	31 j 07:40	30°℞♎	
min. Earth dist.	25 Nov	13 j 09:39	19°♏39'27	0.67634 AU	morning rise	26 Nov	02 j 23:02	27°♎20'45	
morning rise	25 Nov	18 j 13:21	13°♏30'33		direct	26 Nov	07 j 03:24	25°♎43'18	
direct	25 Nov	23 j 08:01	11°♏30'30			26 Nov	14 j 23:13	0°♏	
morning max el	25 Dec	03 j 01:12	17°♏16'04	22°37'34	morning max el	26 Nov	15 j 16:59	0°♏43'43	21°14'58
	25 Dec	13 j 12:50	0°♐		desc. node	26 Dec	05 j 21:56	27°♏49'45	
desc. node	25 Dec	19 j 00:54	7°♐41'34			26 Dec	07 j 08:40	0°♐	
	26 Jan	02 j 17:13	0°♑		morning set	26 Dec	16 j 11:05	14°♐00'13	
morning set	26 Jan	05 j 23:45	5°♑18'02		max. Earth dist.	26 Dec	24 j 01:14	26°♐11'03	1.42325 AU
max. Earth dist.	26 Jan	10 j 22:50	13°♑35'18	1.40354 AU		26 Dec	26 j 08:43	0°♑	
superior conj	26 Jan	18 j 18:03	27°♑17'22	-1°59'47	superior conj	26 Dec	31 j 07:39	8°♑22'04	-2°00'38
minimum elong	26 Jan	18 j 19:58	27°♑26'04	1°59'43	minimum elong	26 Dec	31 j 05:40	8°♑13'36	2°00'35
	26 Jan	20 j 05:47	0°♒		evening rise	27 Jan	11 j 15:18	28°♑24'11	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	27 Jan 12 j 12:30	0°♒		
asc. node	27 Jan 23 j 06:03	18°♒22'42		
evening max el	27 Jan 28 j 07:49	24°♒47'00	18°08'13	
retrograde	27 Feb 04 j 00:34	28°♒12'48		
evening set	27 Feb 06 j 16:59	27°♒39'59		
inferior conj	27 Feb 13 j 08:12	22°♒42'24	3°45'48	
minimum elong	27 Feb 13 j 09:28	22°♒39'22	3°45'42	
min. Earth dist.	27 Feb 16 j 11:52	19°♒42'29	0.61107 AU	
morning rise	27 Feb 20 j 00:24	16°♒53'05		
direct	27 Feb 26 j 20:25	14°♒34'56		
desc. node	27 Mar 03 j 21:06	15°♒42'46		
morning max el	27 Mar 13 j 00:42	22°♒24'45	27°41'09	
	27 Mar 19 j 17:48	0°♓		
	27 Apr 07 j 20:44	0°♈		
morning set	27 Apr 14 j 12:43	13°♈04'20		
max. Earth dist.	27 Apr 20 j 15:29	26°♈03'52	1.32444 AU	
asc. node	27 Apr 21 j 05:23	27°♈19'38		
superior conj	27 Apr 21 j 19:28	28°♈36'33	0°06'14	
minimum elong	27 Apr 21 j 19:11	28°♈34'59	0°06'10	
behind sun begin	27 Apr 21 j 14:29	28°♈09'19		
behind sun end	27 Apr 21 j 23:53	29°♈00'40		
	27 Apr 22 j 10:44	0°♉		
evening rise	27 Apr 28 j 17:23	13°♉36'14		
	27 May 07 j 00:10	0°♊		
evening max el	27 May 25 j 01:34	25°♊24'12	25°02'41	
desc. node	27 May 30 j 20:22	29°♊57'40		
	27 May 30 j 21:55	0°♋		
retrograde	27 Jun 08 j 01:33	2°♋31'20		
evening set	27 Jun 13 j 08:43	1°♋26'50		
	27 Jun 16 j 08:07	30°℞♊		
min. Earth dist.	27 Jun 18 j 13:07	28°♊38'53	0.57531 AU	
inferior conj	27 Jun 21 j 14:21	26°♊35'55	-4°38'23	
minimum elong	27 Jun 21 j 11:30	26°♊40'45	4°38'08	
morning rise	27 Jun 29 j 17:01	22°♊24'46		
direct	27 Jul 02 j 06:42	22°♊05'25		
morning max el	27 Jul 11 j 02:51	26°♊13'14	19°06'25	
	27 Jul 14 j 12:54	0°♋		
asc. node	27 Jul 18 j 04:38	5°♋13'06		
morning set	27 Jul 27 j 23:14	23°♋05'53		
	27 Jul 31 j 10:42	0°♌		
superior conj	27 Aug 05 j 07:02	9°♌30'20	1°46'34	
minimum elong	27 Aug 05 j 07:46	9°♌33'52	1°46'34	
max. Earth dist.	27 Aug 11 j 21:32	21°♌51'59	1.38495 AU	
evening rise	27 Aug 15 j 17:15	28°♌38'54		
	27 Aug 16 j 11:59	0°♍		
desc. node	27 Aug 26 j 19:43	16°♍52'31		
	27 Sep 04 j 16:48	0°♎		
evening max el	27 Sep 20 j 08:41	19°♎18'13	24°42'51	
retrograde	27 Oct 01 j 21:01	26°♎01'01		
evening set	27 Oct 07 j 10:59	23°♎39'42		
min. Earth dist.	27 Oct 12 j 01:26	18°♎24'44	0.67338 AU	
inferior conj	27 Oct 12 j 21:28	17°♎18'11	-0°26'12	
minimum elong	27 Oct 12 j 22:07	17°♎16'02	0°25'55	
asc. node	27 Oct 14 j 03:49	15°♎38'39		
morning rise	27 Oct 18 j 09:20	11°♎15'40		
direct	27 Oct 22 j 01:01	9°♎58'50		
morning max el	27 Oct 29 j 16:23	14°♎22'03	20°03'13	
	27 Nov 10 j 16:41	0°♏		
desc. node	27 Nov 22 j 18:58	18°♏13'46		
morning set	27 Nov 25 j 07:35	22°♏07'22		
	27 Nov 30 j 09:06	0°♐		
max. Earth dist.	27 Dec 06 j 11:06	9°♐37'06	1.43873 AU	
superior conj	27 Dec 11 j 18:44	18°♐12'23	-1°45'06	
minimum elong	27 Dec 11 j 11:57	17°♐44'43	1°44'37	
	27 Dec 18 j 21:18	0°♑		
evening rise	27 Dec 24 j 21:00	10°♑12'34		
	28 Jan 05 j 16:37	0°♒		
asc. node	28 Jan 10 j 03:05	6°♒07'25		
evening max el	28 Jan 11 j 20:11	8°♒00'59	18°12'54	
retrograde	28 Jan 18 j 07:56	11°♒28'49		
evening set	28 Jan 21 j 04:47	10°♒46'16		
inferior conj	28 Jan 27 j 08:50	5°♒28'38	3°49'07	
minimum elong	28 Jan 27 j 08:03	5°♒30'45	3°49'05	
min. Earth dist.	28 Jan 29 j 23:12	2°♒40'39	0.63078 AU	
	28 Feb 01 j 18:41	30°℞♑		
morning rise	28 Feb 02 j 10:27	29°♑28'13		
direct	28 Feb 09 j 10:16	26°♑45'32		
	28 Feb 17 j 21:41	0°♒		
desc. node	28 Feb 18 j 18:08	0°♒37'24		
morning max el	28 Feb 23 j 07:27	4°♒38'12	27°44'27	
	28 Mar 13 j 09:35	0°♓		
morning set	28 Mar 28 j 12:49	27°♓20'29		
	28 Mar 29 j 20:20	0°♈		
max. Earth dist.	28 Apr 02 j 22:22	8°♈31'10	1.32939 AU	
superior conj	28 Apr 05 j 03:59	13°♈18'13	-0°20'19	
minimum elong	28 Apr 05 j 04:58	13°♈23'27	0°20'07	
asc. node	28 Apr 07 j 02:24	17°♈29'02		
evening rise	28 Apr 12 j 05:11	28°♈28'47		
	28 Apr 12 j 22:32	0°♉		
	28 Apr 30 j 07:32	0°♊		
evening max el	28 May 05 j 15:56	6°♊00'51	23°29'43	
desc. node	28 May 16 j 17:24	12°♊34'35		
retrograde	28 May 19 j 06:54	12°♊49'33		
evening set	28 May 23 j 02:55	12°♊17'10		
min. Earth dist.	28 May 30 j 02:18	9°♊04'21	0.55937 AU	
inferior conj	28 Jun 01 j 03:40	7°♊50'45	-3°52'21	
minimum elong	28 May 31 j 20:51	8°♊00'58	3°50'52	
morning rise	28 Jun 09 j 17:34	3°♊54'35		
direct	28 Jun 12 j 09:55	3°♊36'47		
morning max el	28 Jun 22 j 18:58	8°♊24'43	20°12'00	
asc. node	28 Jul 04 j 01:41	23°♊58'53		
	28 Jul 07 j 07:22	0°♋		
morning set	28 Jul 11 j 03:35	7°♋38'36		
superior conj	28 Jul 18 j 21:03	23°♋25'38	1°45'32	
minimum elong	28 Jul 18 j 20:05	23°♋20'45	1°45'30	
	28 Jul 22 j 04:29	0°♌		
max. Earth dist.	28 Jul 24 j 02:28	3°♌42'25	1.36587 AU	
evening rise	28 Jul 28 j 00:59	11°♌04'56		
	28 Aug 08 j 02:12	0°♍		
desc. node	28 Aug 12 j 16:45	7°♍09'17		
	28 Aug 30 j 00:17	0°♎		
evening max el	28 Sep 01 j 20:07	2°♎55'05	25°53'45	
retrograde	28 Sep 14 j 06:03	10°♎00'17		
evening set	28 Sep 20 j 10:24	7°♎24'29		
min. Earth dist.	28 Sep 24 j 16:59	2°♎45'24	0.66698 AU	
inferior conj	28 Sep 26 j 00:06	1°♎07'07	-1°22'19	
minimum elong	28 Sep 26 j 02:11	1°♎00'30	1°21'26	
	28 Sep 26 j 21:31	30°℞♍		
asc. node	28 Sep 30 j 00:52	26°♍32'46		
morning rise	28 Oct 01 j 18:16	25°♍13'28		
direct	28 Oct 04 j 23:26	24°♍13'57		
morning max el	28 Oct 11 j 23:06	28°♍09'36	19°05'43	
	28 Oct 13 j 15:45	0°♎		
	28 Nov 03 j 00:51	0°♏		
morning set	28 Nov 03 j 14:06	0°♏51'53		
desc. node	28 Nov 08 j 16:00	8°♏49'10		
max. Earth dist.	28 Nov 18 j 02:32	23°♏38'01	1.44807 AU	
superior conj	28 Nov 20 j 05:23	26°♏58'41	-1°11'14	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	28 Nov 19 j 21:21	26°♏26'57	1°10'19	
	28 Nov 22 j 03:10	0°♐		
evening rise	28 Dec 05 j 04:53	21°♐04'19		
	28 Dec 10 j 15:35	0°♑		
evening max el	28 Dec 25 j 08:07	21°♑23'48	18°36'03	
asc. node	28 Dec 27 j 00:08	22°♑56'13		
retrograde	28 Dec 31 j 23:15	25°♑04'46		
evening set	29 Jan 04 j 01:18	24°♑11'22		
inferior conj	29 Jan 09 j 21:13	18°♑35'34	3°34'45	
minimum elong	29 Jan 09 j 19:05	18°♑41'54	3°34'27	
min. Earth dist.	29 Jan 11 j 20:16	16°♑15'39	0.64751 AU	
morning rise	29 Jan 15 j 12:25	12°♑28'31		
direct	29 Jan 22 j 07:34	9°♑36'11		
morning max el	29 Feb 04 j 16:46	17°♑22'32	27°12'55	
desc. node	29 Feb 04 j 15:11	17°♑18'35		
	29 Feb 15 j 06:37	0°♒		
	29 Mar 06 j 05:50	0°♓		
morning set	29 Mar 12 j 04:00	11°♓05'42		
max. Earth dist.	29 Mar 16 j 20:19	20°♓26'32	1.33861 AU	
superior conj	29 Mar 20 j 08:06	27°♓41'57	-0°47'13	
minimum elong	29 Mar 20 j 10:22	27°♓53'55	0°46'47	
	29 Mar 21 j 10:15	0°♈		
asc. node	29 Mar 24 j 23:27	7°♈32'43		
evening rise	29 Mar 27 j 15:57	13°♈13'05		
	29 Apr 05 j 06:47	0°♉		
evening max el	29 Apr 17 j 10:01	16°♉39'43	21°55'41	
retrograde	29 Apr 30 j 00:21	22°♉49'32		
evening set	29 May 02 j 15:50	22°♉33'57		
desc. node	29 May 03 j 14:25	22°♉21'14		
min. Earth dist.	29 May 11 j 15:09	18°♉44'11	0.55075 AU	
inferior conj	29 May 12 j 01:46	18°♉29'17	-2°21'27	
minimum elong	29 May 11 j 19:33	18°♉38'01	2°19'27	
morning rise	29 May 21 j 00:29	14°♉33'30		
direct	29 May 23 j 23:16	14°♉14'09		
morning max el	29 Jun 04 j 23:54	19°♉53'11	21°36'40	
	29 Jun 13 j 06:40	0°♊		
asc. node	29 Jun 20 j 22:43	13°♊15'15		
morning set	29 Jun 25 j 12:20	22°♊25'53		
	29 Jun 29 j 02:58	0°♋		
superior conj	29 Jul 02 j 20:23	7°♋49'44	1°37'30	
minimum elong	29 Jul 02 j 18:21	7°♋39'09	1°37'19	
max. Earth dist.	29 Jul 06 j 15:02	15°♋35'21	1.34981 AU	
evening rise	29 Jul 11 j 02:24	24°♋23'33		
	29 Jul 14 j 02:04	0°♌		
desc. node	29 Jul 30 j 13:47	27°♌04'31		
	29 Aug 01 j 15:05	0°♍		
evening max el	29 Aug 15 j 08:08	16°♍29'12	26°48'46	
retrograde	29 Aug 28 j 09:51	23°♍45'31		
evening set	29 Sep 04 j 03:05	21°♍01'09		
min. Earth dist.	29 Sep 08 j 02:24	16°♍59'11	0.65713 AU	
inferior conj	29 Sep 09 j 21:37	14°♍52'06	-2°18'11	
minimum elong	29 Sep 10 j 01:06	14°♍41'51	2°16'52	
morning rise	29 Sep 15 j 23:40	9°♍10'27		
asc. node	29 Sep 16 j 21:56	8°♍45'40		
direct	29 Sep 18 j 20:44	8°♍24'29		
morning max el	29 Sep 25 j 11:21	12°♍01'44	18°24'14	
	29 Oct 08 j 04:41	0°♎		
morning set	29 Oct 14 j 23:11	10°♎57'31		
desc. node	29 Oct 26 j 13:04	29°♎31'45		
	29 Oct 26 j 20:12	0°♏		
superior conj	29 Oct 30 j 05:55	5°♏22'45	-0°24'11	
minimum elong	29 Oct 30 j 02:44	5°♏10'14	0°23'45	
max. Earth dist.	29 Oct 31 j 21:05	7°♏56'56	1.45025 AU	
	29 Nov 14 j 22:19	0°♐		
evening rise	29 Nov 15 j 13:00	0°♐57'42		
greatest brilliancy	29 Nov 25 j 22:12	17°♐13'39	-0.8m	
	29 Dec 04 j 15:38	0°♑		
evening max el	29 Dec 08 j 17:16	4°♑50'48	19°16'26	
asc. node	29 Dec 13 j 21:12	8°♑34'13		
retrograde	29 Dec 15 j 19:01	8°♑54'25		
evening set	29 Dec 19 j 03:40	7°♑48'35		
inferior conj	29 Dec 24 j 17:56	1°♑56'58	3°07'38	
minimum elong	29 Dec 24 j 15:11	2°♑05'44	3°06'59	
min. Earth dist.	29 Dec 26 j 02:09	0°♑13'49	0.66047 AU	
	29 Dec 26 j 06:32	30°℞♐		
morning rise	29 Dec 30 j 02:28	25°♐45'57		
direct	30 Jan 05 j 10:58	22°♐58'04		
	30 Jan 17 j 15:54	0°♑		
morning max el	30 Jan 18 j 02:10	0°♑25'34	26°13'21	
desc. node	30 Jan 22 j 12:14	5°♑15'39		
	30 Feb 09 j 05:53	0°♒		
morning set	30 Feb 23 j 06:22	24°♒07'50		
	30 Feb 26 j 08:33	0°♓		
max. Earth dist.	30 Feb 27 j 06:44	1°♓47'39	1.35241 AU	
superior conj	30 Mar 04 j 05:25	11°♓40'22	-1°13'09	
minimum elong	30 Mar 04 j 08:47	11°♓57'36	1°12'36	
evening rise	30 Mar 11 j 23:43	27°♓42'40		
asc. node	30 Mar 11 j 20:31	27°♓26'12		
	30 Mar 13 j 02:35	0°♈		
evening max el	30 Mar 30 j 13:34	27°♈45'52	20°32'27	
	30 Apr 02 j 04:41	0°♉		
retrograde	30 Apr 10 j 13:22	3°♉03'33		
evening set	30 Apr 12 j 16:50	2°♉52'18		
	30 Apr 19 j 22:47	30°℞♈		
desc. node	30 Apr 20 j 11:25	29°♈42'18		
inferior conj	30 Apr 21 j 20:32	28°♈54'49	-0°23'46	
minimum elong	30 Apr 21 j 19:25	28°♈56'26	0°23'21	
min. Earth dist.	30 Apr 23 j 04:27	28°♈08'39	0.55146 AU	
morning rise	30 Apr 30 j 20:52	24°♈41'14		
direct	30 May 04 j 10:49	24°♈13'29		
	30 May 17 j 00:27	0°♉		
morning max el	30 May 17 j 19:17	0°♉43'11	23°14'47	
	30 Jun 06 j 09:07	0°♊		
asc. node	30 Jun 07 j 19:47	2°♊54'24		
morning set	30 Jun 09 j 23:36	7°♊22'22		
superior conj	30 Jun 17 j 02:01	22°♊33'34	1°23'59	
minimum elong	30 Jun 16 j 23:33	22°♊20'21	1°23'40	
max. Earth dist.	30 Jun 19 j 13:31	27°♊49'32	1.33749 AU	
	30 Jun 20 j 14:25	0°♋		
evening rise	30 Jun 24 j 16:53	8°♋21'50		
	30 Jul 06 j 13:22	0°♌		
desc. node	30 Jul 17 j 10:48	16°♌29'07		
	30 Jul 28 j 23:59	0°♍		
evening max el	30 Jul 28 j 19:53	29°♌50'13	27°20'21	
retrograde	30 Aug 11 j 07:50	7°♍09'18		
evening set	30 Aug 18 j 10:16	4°♍25'27		
min. Earth dist.	30 Aug 22 j 03:25	0°♍59'19	0.64371 AU	
	30 Aug 23 j 01:46	30°℞♌		
inferior conj	30 Aug 24 j 11:40	28°♌28'32	-3°11'18	
minimum elong	30 Aug 24 j 16:12	28°♌16'21	3°09'53	
morning rise	30 Aug 30 j 22:59	23°♌02'19		
direct	30 Sep 02 j 14:25	22°♌26'25		
asc. node	30 Sep 03 j 18:59	22°♌33'47		
morning max el	30 Sep 09 j 02:39	25°♌53'37	17°59'46	
	30 Sep 12 j 13:55	0°♍		
morning set	30 Sep 26 j 12:16	22°♍25'09		
	30 Oct 01 j 00:02	0°♎		
superior conj	30 Oct 09 j 18:19	14°♎25'47	0°24'05	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	30 Oct 09 j 21:03	14°♎36'50	0°23'42
desc. node	30 Oct 13 j 10:08	20°♎18'13	
max. Earth dist.	30 Oct 14 j 15:39	22°♎15'37	1.44508 AU
	30 Oct 19 j 13:34	0°♏	
evening rise	30 Oct 26 j 01:51	10°♏06'28	
	30 Nov 08 j 04:10	0°♐	
greatest brilliancy	30 Nov 09 j 02:45	1°♐23'36	-0.6m
evening max el	30 Nov 21 j 21:43	18°♐19'16	20°12'11
retrograde	30 Nov 29 j 16:37	22°♐53'44	
asc. node	30 Nov 30 j 18:14	22°♐47'15	
evening set	30 Dec 03 j 09:37	21°♐33'43	
inferior conj	30 Dec 08 j 20:15	15°♐29'03	2°31'08
minimum elong	30 Dec 08 j 17:32	15°♐38'12	2°30'16
min. Earth dist.	30 Dec 09 j 15:09	14°♐25'30	0.66949 AU
morning rise	30 Dec 14 j 01:16	9°♐15'59	
direct	30 Dec 19 j 19:44	6°♐42'49	
morning max el	30 Dec 31 j 10:45	13°♐38'10	24°54'59
desc. node	31 Jan 09 j 09:18	24°♐06'43	
	31 Jan 13 j 18:07	0°♑	
	31 Feb 02 j 01:28	0°♒	
morning set	31 Feb 05 j 14:43	6°♒12'08	
max. Earth dist.	31 Feb 09 j 06:41	12°♒50'42	1.37048 AU
superior conj	31 Feb 15 j 16:53	25°♒04'49	-1°36'12
minimum elong	31 Feb 15 j 20:46	25°♒23'50	1°35'44
	31 Feb 18 j 04:38	0°♓	
evening rise	31 Feb 24 j 02:19	11°♓50'59	
asc. node	31 Feb 26 j 17:33	17°♓04'20	
	31 Mar 05 j 21:11	0°♈	
evening max el	31 Mar 13 j 04:17	9°♈29'10	19°26'29
retrograde	31 Mar 22 j 11:21	13°♈57'11	
evening set	31 Mar 24 j 15:11	13°♈43'46	
inferior conj	31 Apr 02 j 02:10	9°♈37'10	1°27'18
minimum elong	31 Apr 02 j 05:33	9°♈31'39	1°26'12
min. Earth dist.	31 Apr 04 j 18:57	7°♈52'21	0.56140 AU
desc. node	31 Apr 07 j 08:27	6°♈21'50	
morning rise	31 Apr 10 j 17:13	4°♈52'02	
direct	31 Apr 15 j 07:22	4°♈04'15	
morning max el	31 Apr 29 j 10:05	11°♈13'11	24°55'09
	31 May 13 j 16:43	0°♉	
morning set	31 May 25 j 11:35	22°♉21'08	
asc. node	31 May 25 j 16:50	22°♉48'54	
	31 May 29 j 01:13	0°♊	
superior conj	31 Jun 01 j 11:31	7°♊28'13	1°06'08
minimum elong	31 Jun 01 j 09:09	7°♊15'19	1°05'44
max. Earth dist.	31 Jun 02 j 20:01	10°♊24'40	1.32901 AU
evening rise	31 Jun 08 j 16:30	22°♊46'54	
	31 Jun 12 j 07:20	0°♋	
	31 Jun 30 j 09:05	0°♌	
desc. node	31 Jul 04 j 07:48	5°♌09'15	
evening max el	31 Jul 11 j 05:01	12°♌43'39	27°22'33
retrograde	31 Jul 24 j 23:30	20°♌01'53	
evening set	31 Aug 01 j 04:25	17°♌30'46	
min. Earth dist.	31 Aug 04 j 18:17	14°♌34'27	0.62674 AU
inferior conj	31 Aug 07 j 15:22	11°♌49'00	-3°58'03
minimum elong	31 Aug 07 j 20:06	11°♌37'38	3°56'59
morning rise	31 Aug 14 j 13:04	6°♌41'42	
direct	31 Aug 17 j 01:16	6°♌12'59	
asc. node	31 Aug 21 j 16:03	7°♌52'10	
morning max el	31 Aug 23 j 18:10	9°♌38'29	17°53'14
	31 Sep 06 j 05:07	0°♍	
morning set	31 Sep 08 j 23:58	4°♍57'20	
superior conj	31 Sep 20 j 08:22	24°♍45'33	1°03'09
minimum elong	31 Sep 20 j 13:21	25°♍06'34	1°02'33
	31 Sep 23 j 11:29	0°♎	

max. Earth dist.	31 Sep 27 j 06:40	6°♎13'40	1.43320 AU
desc. node	31 Sep 30 j 07:10	11°♎05'03	
evening rise	31 Oct 05 j 09:06	19°♎04'55	
	31 Oct 12 j 12:16	0°♏	
	31 Nov 03 j 04:10	0°♐	
evening max el	31 Nov 04 j 20:21	1°♐47'54	21°20'41
retrograde	31 Nov 13 j 13:53	6°♐59'19	
evening set	31 Nov 17 j 17:14	5°♐23'19	
asc. node	31 Nov 17 j 15:15	5°♐27'07	
	31 Nov 22 j 11:06	30°℞♏	
inferior conj	31 Nov 23 j 01:56	29°♏09'03	1°47'31
minimum elong	31 Nov 22 j 23:43	29°♏16'40	1°46'40
min. Earth dist.	31 Nov 23 j 09:05	28°♏44'22	0.67478 AU
morning rise	31 Nov 28 j 06:03	22°♏55'47	
direct	31 Dec 03 j 09:14	20°♏43'07	
morning max el	31 Dec 13 j 19:44	26°♏55'55	23°27'54
	31 Dec 16 j 16:10	0°♐	
desc. node	31 Dec 27 j 06:22	13°♐36'14	
	32 Jan 07 j 09:27	0°♑	
morning set	32 Jan 17 j 22:51	17°♑02'56	
max. Earth dist.	32 Jan 22 j 01:57	24°♑08'36	1.39125 AU
	32 Jan 25 j 09:07	0°♒	
superior conj	32 Jan 29 j 14:35	7°♒45'20	-1°53'39
minimum elong	32 Jan 29 j 17:46	8°♒00'10	1°53'27
evening rise	32 Feb 07 j 21:05	25°♒31'11	
	32 Feb 10 j 04:56	0°♓	
asc. node	32 Feb 13 j 14:35	6°♓21'40	
evening max el	32 Feb 24 j 04:53	21°♓48'53	18°40'20
retrograde	32 Mar 03 j 02:53	25°♓40'11	
evening set	32 Mar 05 j 11:32	25°♓20'52	
inferior conj	32 Mar 13 j 03:33	20°♓56'34	2°47'44
minimum elong	32 Mar 13 j 07:48	20°♓48'29	2°46'43
min. Earth dist.	32 Mar 16 j 12:19	18°♓24'35	0.57839 AU
morning rise	32 Mar 21 j 01:09	15°♓39'24	
desc. node	32 Mar 24 j 05:29	14°♓34'29	
direct	32 Mar 26 j 17:55	14°♓18'33	
morning max el	32 Apr 10 j 02:28	21°♓52'11	26°22'18
	32 Apr 17 j 05:42	0°♈	
	32 May 05 j 09:21	0°♉	
morning set	32 May 08 j 22:39	7°♉16'38	
asc. node	32 May 11 j 13:53	12°♉53'33	
superior conj	32 May 15 j 22:57	22°♉27'15	0°44'51
minimum elong	32 May 15 j 21:08	22°♉17'13	0°44'30
max. Earth dist.	32 May 16 j 07:22	23°♉13'25	1.32430 AU
	32 May 19 j 09:53	0°♊	
evening rise	32 May 22 j 22:21	7°♊29'35	
	32 Jun 03 j 19:01	0°♋	
desc. node	32 Jun 20 j 04:47	22°♋46'18	
evening max el	32 Jun 22 j 09:07	24°♋57'44	26°51'57
	32 Jun 28 j 21:46	0°♌	
retrograde	32 Jul 06 j 08:10	2°♌13'58	
evening set	32 Jul 13 j 05:12	0°♌09'37	
	32 Jul 13 j 11:37	30°℞♋	
min. Earth dist.	32 Jul 16 j 22:54	27°♋30'13	0.60700 AU
inferior conj	32 Jul 20 j 05:21	24°♋45'18	-4°32'34
minimum elong	32 Jul 20 j 08:43	24°♋38'10	4°32'10
morning rise	32 Jul 27 j 14:05	19°♋59'35	
direct	32 Jul 30 j 01:21	19°♋35'46	
morning max el	32 Aug 06 j 06:56	23°♋08'57	18°05'40
asc. node	32 Aug 07 j 13:06	24°♋27'20	
	32 Aug 11 j 17:43	0°♌	
morning set	32 Aug 22 j 04:25	18°♌17'43	
	32 Aug 28 j 11:59	0°♍	
superior conj	32 Sep 01 j 01:10	6°♍24'27	1°29'20

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	32 Sep 01 j 05:12	6°♍42'27	1°28'59	
max. Earth dist.	32 Sep 08 j 16:00	19°♍34'53	1.41627 AU	
evening rise	32 Sep 14 j 04:40	28°♍39'20		
	32 Sep 15 j 00:47	0°♎		
desc. node	32 Sep 16 j 04:09	1°♎48'54		
	32 Oct 05 j 03:41	0°♏		
evening max el	32 Oct 17 j 13:27	15°♏17'21	22°37'49	
retrograde	32 Oct 27 j 09:08	21°♏07'34		
evening set	32 Nov 01 j 00:42	19°♏14'14		
asc. node	32 Nov 03 j 12:18	16°♏41'19		
inferior conj	32 Nov 06 j 09:00	12°♏54'03	0°58'28	
minimum elong	32 Nov 06 j 07:41	12°♏58'38	0°57'55	
min. Earth dist.	32 Nov 06 j 05:28	13°♏06'17	0.67674 AU	
morning rise	32 Nov 11 j 14:32	6°♏42'49		
direct	32 Nov 16 j 02:51	4°♏52'37		
morning max el	32 Nov 25 j 08:03	10°♏18'57	22°01'20	
	32 Dec 10 j 16:46	0°♐		
desc. node	32 Dec 13 j 03:23	3°♐32'35		
morning set	32 Dec 28 j 01:51	26°♐28'32		
	32 Dec 30 j 06:07	0°♑		
max. Earth dist.	33 Jan 02 j 23:44	6°♑09'52	1.41224 AU	
superior conj	33 Jan 10 j 17:25	19°♑28'26	-2°01'52	
minimum elong	33 Jan 10 j 17:56	19°♑30'45	2°01'52	
	33 Jan 16 j 13:28	0°♒		
evening rise	33 Jan 21 j 04:37	8°♒34'07		
asc. node	33 Jan 30 j 11:37	25°♒10'22		
	33 Feb 02 j 15:59	0°♓		
evening max el	33 Feb 06 j 12:31	4°♓36'32	18°14'18	
retrograde	33 Feb 13 j 12:41	8°♓07'02		
evening set	33 Feb 16 j 02:27	7°♓39'33		
inferior conj	33 Feb 23 j 01:43	2°♓54'30	3°33'12	
minimum elong	33 Feb 23 j 04:18	2°♓48'48	3°32'52	
	33 Feb 26 j 09:19	30°♑℞♒		
min. Earth dist.	33 Feb 26 j 10:37	29°♒57'18	0.59900 AU	
morning rise	33 Mar 02 j 04:02	27°♒14'21		
direct	33 Mar 08 j 17:16	25°♒15'16		
desc. node	33 Mar 11 j 02:32	25°♒30'26		
	33 Mar 19 j 14:58	0°♓		
morning max el	33 Mar 23 j 00:08	3°♓01'47	27°22'19	
	33 Apr 11 j 16:34	0°♈		
morning set	33 Apr 23 j 07:05	22°♈02'21		
	33 Apr 27 j 01:08	0°♉		
asc. node	33 Apr 28 j 10:55	3°♉03'24		
superior conj	33 Apr 30 j 10:36	7°♉24'18	0°20'54	
minimum elong	33 Apr 30 j 09:40	7°♉19'12	0°20'43	
max. Earth dist.	33 Apr 29 j 19:57	6°♉03'58	1.32328 AU	
evening rise	33 May 07 j 08:04	22°♉21'44		
	33 May 11 j 01:13	0°♊		
	33 May 29 j 10:17	0°♋		
evening max el	33 Jun 04 j 06:37	6°♋26'56	25°49'56	
desc. node	33 Jun 07 j 01:47	8°♋54'21		
retrograde	33 Jun 18 j 07:57	13°♋39'03		
evening set	33 Jun 24 j 08:13	12°♋12'20		
min. Earth dist.	33 Jun 28 j 19:08	9°♋32'11	0.58636 AU	
inferior conj	33 Jul 02 j 02:03	7°♋08'09	-4°45'36	
minimum elong	33 Jul 02 j 01:56	7°♋08'22	4°45'35	
morning rise	33 Jul 09 j 22:05	2°♋44'43		
direct	33 Jul 12 j 10:22	2°♋24'09		
morning max el	33 Jul 20 j 13:49	6°♋16'03	18°38'15	
asc. node	33 Jul 25 j 10:09	12°♋04'00		
	33 Aug 04 j 17:12	0°♌		
morning set	33 Aug 05 j 20:53	2°♌13'52		
superior conj	33 Aug 14 j 15:51	19°♌08'48	1°43'17	
minimum elong	33 Aug 14 j 17:47	19°♌17'55	1°43'12	
	33 Aug 20 j 14:18	0°♍		
max. Earth dist.	33 Aug 21 j 20:24	2°♍13'02	1.39654 AU	
evening rise	33 Aug 25 j 23:38	9°♍20'07		
desc. node	33 Sep 03 j 01:10	22°♍26'21		
	33 Sep 07 j 23:39	0°♎		
evening max el	33 Sep 30 j 02:48	28°♎50'31	23°58'02	
	33 Oct 01 j 07:37	0°♏		
retrograde	33 Oct 11 j 00:59	5°♏16'03		
evening set	33 Oct 16 j 06:27	3°♏04'55		
	33 Oct 19 j 04:03	30°♏℞♎		
min. Earth dist.	33 Oct 21 j 01:54	27°♎29'51	0.67555 AU	
asc. node	33 Oct 21 j 09:21	27°♎04'36		
inferior conj	33 Oct 21 j 15:45	26°♎42'50	0°05'32	
minimum elong	33 Oct 21 j 15:37	26°♎43'18	0°05'29	
transit middle	33 Oct 21 j 15:37	26°♎43'18	0°05'29	
transit begin	33 Oct 21 j 13:03	26°♎52'00		
transit end	33 Oct 21 j 18:11	26°♎34'37		
morning rise	33 Oct 27 j 00:45	20°♎36'10		
direct	33 Oct 30 j 23:30	19°♎07'41		
morning max el	33 Nov 08 j 02:52	23°♎51'20	20°42'45	
	33 Nov 13 j 09:40	0°♏		
desc. node	33 Nov 30 j 00:26	23°♏48'37		
	33 Dec 04 j 01:47	0°♐		
morning set	33 Dec 07 j 04:12	4°♐47'45		
max. Earth dist.	33 Dec 16 j 04:58	19°♐07'09	1.43055 AU	
superior conj	33 Dec 22 j 20:08	0°♑02'37	-1°56'16	
minimum elong	33 Dec 22 j 16:02	29°♐45'26	1°56'05	
	33 Dec 22 j 19:30	0°♑		
evening rise	34 Jan 03 j 20:59	20°♑52'07		
	34 Jan 09 j 01:09	0°♒		
asc. node	34 Jan 17 j 08:39	13°♒21'45		
evening max el	34 Jan 21 j 00:04	17°♒43'38	18°07'55	
retrograde	34 Jan 27 j 13:24	21°♒08'23		
evening set	34 Jan 30 j 07:47	20°♒31'27		
inferior conj	34 Feb 05 j 17:51	15°♒25'20	3°49'40	
minimum elong	34 Feb 05 j 18:11	15°♒24'30	3°49'40	
min. Earth dist.	34 Feb 08 j 16:27	12°♒28'00	0.61984 AU	
morning rise	34 Feb 12 j 03:22	9°♒30'52		
direct	34 Feb 19 j 02:26	7°♒00'20		
desc. node	34 Feb 25 j 23:35	9°♒07'30		
morning max el	34 Mar 05 j 03:47	14°♒51'50	27°46'57	
	34 Mar 17 j 11:06	0°♓		
	34 Apr 04 j 04:20	0°♈		
morning set	34 Apr 07 j 10:53	6°♈31'32		
max. Earth dist.	34 Apr 13 j 06:04	18°♈43'41	1.32604 AU	
superior conj	34 Apr 14 j 20:47	22°♈13'32	-0°04'56	
minimum elong	34 Apr 14 j 21:01	22°♈14'48	0°04'54	
behind sun begin	34 Apr 14 j 16:07	21°♈48'08		
behind sun end	34 Apr 15 j 01:56	22°♈41'29		
asc. node	34 Apr 15 j 07:58	23°♈14'21		
	34 Apr 18 j 10:26	0°♉		
evening rise	34 Apr 21 j 19:40	7°♉16'24		
	34 May 03 j 18:28	0°♊		
evening max el	34 May 16 j 22:27	17°♊17'21	24°24'19	
desc. node	34 May 24 j 22:49	22°♊59'09		
retrograde	34 May 30 j 20:05	24°♊18'06		
evening set	34 Jun 04 j 12:26	23°♊29'07		
min. Earth dist.	34 Jun 10 j 09:48	20°♊32'01	0.56779 AU	
inferior conj	34 Jun 13 j 02:48	18°♊48'46	-4°24'31	
minimum elong	34 Jun 12 j 21:57	18°♊56'32	4°23'50	
morning rise	34 Jun 21 j 10:15	14°♊44'53		
direct	34 Jun 24 j 01:00	14°♊26'18		
morning max el	34 Jul 03 j 11:53	18°♊49'49	19°31'49	
asc. node	34 Jul 12 j 07:12	0°♋27'57		
	34 Jul 12 j 00:28	0°♋		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning set	34 Jul 20 j 21:44	16°♋35'36		
	34 Jul 27 j 13:56	0°♌		
superior conj	34 Jul 28 j 22:43	2°♌41'59	1°47'06	
minimum elong	34 Jul 28 j 22:39	2°♌41'41	1°47'06	
max. Earth dist.	34 Aug 03 j 23:51	14°♌16'12	1.37657 AU	
evening rise	34 Aug 07 j 18:59	21°♌10'03		
	34 Aug 12 j 21:41	0°♍		
desc. node	34 Aug 20 j 22:11	12°♍52'19		
	34 Sep 01 j 22:22	0°♎		
evening max el	34 Sep 12 j 14:34	12°♎27'11	25°14'29	
retrograde	34 Sep 24 j 12:34	19°♎20'06		
evening set	34 Sep 30 j 08:43	16°♎52'21		
min. Earth dist.	34 Oct 04 j 19:51	11°♎52'23	0.67112 AU	
inferior conj	34 Oct 05 j 20:25	10°♎32'19	-0°49'52	
minimum elong	34 Oct 05 j 21:40	10°♎28'15	0°49'20	
asc. node	34 Oct 08 j 06:24	7°♎31'06		
morning rise	34 Oct 11 j 10:44	4°♎33'09		
direct	34 Oct 14 j 21:48	3°♎23'55		
morning max el	34 Oct 22 j 05:27	7°♎33'51	19°36'52	
	34 Nov 07 j 14:20	0°♏		
morning set	34 Nov 16 j 02:04	13°♏03'05		
desc. node	34 Nov 16 j 21:29	14°♏18'19		
	34 Nov 26 j 22:27	0°♐		
max. Earth dist.	34 Nov 28 j 17:57	2°♐52'08	1.44364 AU	
superior conj	34 Dec 02 j 20:03	9°♐23'32	-1°32'54	
minimum elong	34 Dec 02 j 11:59	8°♐51'12	1°32'09	
	34 Dec 15 j 09:08	0°♑		
evening rise	34 Dec 16 j 17:52	2°♑17'31		
	35 Jan 03 j 13:12	0°♒		
asc. node	35 Jan 04 j 05:41	0°♒44'44		
evening max el	35 Jan 04 j 12:37	1°♒02'37	18°20'31	
retrograde	35 Jan 11 j 00:41	4°♒34'29		
evening set	35 Jan 13 j 23:43	3°♒47'18		
	35 Jan 18 j 12:21	30°℞♑		
inferior conj	35 Jan 19 j 23:57	28°♑21'29	3°44'49	
minimum elong	35 Jan 19 j 22:30	28°♑25'34	3°44'42	
min. Earth dist.	35 Jan 22 j 07:45	25°♑44'15	0.63839 AU	
morning rise	35 Jan 25 j 20:40	22°♑18'04		
direct	35 Feb 01 j 19:26	19°♑29'43		
desc. node	35 Feb 12 j 20:39	24°♑52'10		
morning max el	35 Feb 15 j 11:56	27°♑20'00	27°34'59	
	35 Feb 18 j 00:49	0°♒		
	35 Mar 11 j 02:52	0°♓		
morning set	35 Mar 22 j 07:38	20°♓36'13		
	35 Mar 26 j 22:21	0°♈		
max. Earth dist.	35 Mar 27 j 09:50	1°♈00'03	1.33281 AU	
superior conj	35 Mar 30 j 03:44	6°♈48'57	-0°31'45	
minimum elong	35 Mar 30 j 05:16	6°♈57'07	0°31'26	
asc. node	35 Apr 02 j 05:00	13°♈22'17		
evening rise	35 Apr 06 j 07:19	22°♈07'04		
	35 Apr 10 j 03:30	0°♉		
evening max el	35 Apr 28 j 13:34	27°♉51'39	22°49'00	
	35 Apr 30 j 23:34	0°♊		
retrograde	35 May 11 j 19:41	4°♊25'55		
desc. node	35 May 11 j 19:50	4°♊25'55		
evening set	35 May 15 j 02:13	4°♊02'26		
min. Earth dist.	35 May 22 j 22:17	0°♊35'52	0.55467 AU	
	35 May 23 j 23:17	30°℞♉		
inferior conj	35 May 24 j 08:39	29°♉46'31	-3°18'49	
minimum elong	35 May 24 j 01:22	29°♉57'01	3°16'52	
morning rise	35 Jun 02 j 02:51	25°♉53'00		
direct	35 Jun 04 j 21:30	25°♉34'57		
	35 Jun 15 j 03:52	0°♊		
morning max el	35 Jun 15 j 23:12	0°♊43'12	20°45'57	
asc. node	35 Jun 29 j 04:17	19°♊28'09		
	35 Jul 04 j 13:27	0°♋		
morning set	35 Jul 05 j 04:14	1°♋15'40		
superior conj	35 Jul 12 j 17:07	16°♋50'59	1°42'52	
minimum elong	35 Jul 12 j 15:38	16°♋43'19	1°42'48	
max. Earth dist.	35 Jul 17 j 07:52	26°♋06'15	1.35861 AU	
	35 Jul 19 j 08:06	0°♌		
evening rise	35 Jul 21 j 10:50	3°♌59'55		
	35 Aug 05 j 19:10	0°♍		
desc. node	35 Aug 07 j 19:12	3°♍00'54		
evening max el	35 Aug 26 j 02:14	26°♍03'40	26°19'29	
	35 Aug 30 j 16:54	0°♎		
retrograde	35 Sep 07 j 19:14	3°♎14'18		
evening set	35 Sep 14 j 05:33	0°♎33'46		
	35 Sep 14 j 20:51	30°℞♍		
min. Earth dist.	35 Sep 18 j 08:56	26°♍10'42	0.66328 AU	
inferior conj	35 Sep 19 j 21:07	24°♍19'42	-1°46'08	
minimum elong	35 Sep 19 j 23:49	24°♍11'24	1°45'03	
asc. node	35 Sep 25 j 03:28	18°♍54'42		
morning rise	35 Sep 25 j 18:28	18°♍30'59		
direct	35 Sep 28 j 19:57	17°♍37'39		
morning max el	35 Oct 05 j 14:50	21°♍24'00	18°46'06	
	35 Oct 12 j 09:52	0°♎		
morning set	35 Oct 26 j 18:52	22°♎19'59		
	35 Oct 31 j 15:08	0°♏		
desc. node	35 Nov 03 j 18:32	4°♏57'15		
superior conj	35 Nov 11 j 23:48	17°♏52'51	-0°52'15	
minimum elong	35 Nov 11 j 17:14	17°♏27'03	0°51'26	
max. Earth dist.	35 Nov 11 j 11:36	17°♏04'54	1.44994 AU	
	35 Nov 19 j 16:05	0°♐		
evening rise	35 Nov 27 j 15:41	12°♐44'36		
	35 Dec 08 j 10:42	0°♑		
evening max el	35 Dec 18 j 23:34	14°♑27'33	18°51'07	
asc. node	35 Dec 22 j 02:44	17°♑05'31		
retrograde	35 Dec 25 j 18:24	18°♑17'16		
evening set	35 Dec 28 j 23:02	17°♑18'43		
inferior conj	36 Jan 03 j 16:15	11°♑35'34	3°24'36	
minimum elong	36 Jan 03 j 13:47	11°♑43'10	3°24'08	
min. Earth dist.	36 Jan 05 j 08:45	9°♑30'51	0.65349 AU	
morning rise	36 Jan 09 j 04:12	5°♑26'26		
direct	36 Jan 15 j 19:13	2°♑34'48		
morning max el	36 Jan 28 j 21:47	10°♑14'49	26°50'35	
desc. node	36 Jan 30 j 17:43	12°♑09'10		
	36 Feb 13 j 13:11	0°♒		
	36 Mar 02 j 14:01	0°♓		
morning set	36 Mar 04 j 17:55	4°♓04'56		
max. Earth dist.	36 Mar 09 j 03:21	12°♓41'53	1.34396 AU	
superior conj	36 Mar 13 j 05:14	21°♓02'44	-0°58'27	
minimum elong	36 Mar 13 j 08:02	21°♓17'14	0°57'56	
	36 Mar 17 j 11:37	0°♈		
asc. node	36 Mar 19 j 02:03	3°♈22'14		
evening rise	36 Mar 20 j 17:04	6°♈46'05		
	36 Apr 02 j 09:36	0°♉		
evening max el	36 Apr 09 j 10:58	8°♉39'00	21°18'21	
retrograde	36 Apr 21 j 10:14	14°♉28'06		
evening set	36 Apr 23 j 18:29	14°♉15'27		
desc. node	36 Apr 27 j 16:53	13°♉03'15		
inferior conj	36 May 03 j 03:29	10°♉15'31	-1°32'56	
minimum elong	36 May 02 j 23:08	10°♉21'38	1°31'24	
min. Earth dist.	36 May 03 j 11:07	10°♉04'46	0.54985 AU	
morning rise	36 May 12 j 04:08	6°♉14'37		
direct	36 May 15 j 07:48	5°♉53'02		
morning max el	36 May 27 j 23:46	11°♉54'08	22°17'23	
	36 Jun 10 j 07:11	0°♊		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	36 Jun 15 j 01:20	8°♊54'51		
morning set	36 Jun 18 j 14:15	16°♊07'20		
	36 Jun 25 j 03:29	0°♋		
superior conj	36 Jun 25 j 19:27	1°♋24'25	1°32'21	
minimum elong	36 Jun 25 j 17:10	1°♋12'20	1°32'08	
max. Earth dist.	36 Jun 29 j 00:25	8°♋05'49	1.34403 AU	
evening rise	36 Jul 03 j 18:16	17°♋36'21		
	36 Jul 10 j 10:03	0°♌		
desc. node	36 Jul 24 j 16:13	22°♌44'19		
	36 Jul 30 j 02:06	0°♍		
evening max el	36 Aug 07 j 14:01	9°♍32'31	27°05'25	
retrograde	36 Aug 20 j 20:44	16°♍51'31		
evening set	36 Aug 27 j 18:34	14°♍05'40		
min. Earth dist.	36 Aug 31 j 14:55	10°♍19'36	0.65182 AU	
inferior conj	36 Sep 02 j 15:44	8°♍01'17	-2°41'14	
minimum elong	36 Sep 02 j 19:44	7°♍49'56	2°39'50	
morning rise	36 Sep 08 j 21:36	2°♍26'06		
asc. node	36 Sep 11 j 00:32	1°♍47'11		
direct	36 Sep 11 j 15:54	1°♍44'58		
morning max el	36 Sep 18 j 04:47	5°♍16'58	18°11'45	
	36 Oct 04 j 20:17	0°♎		
morning set	36 Oct 06 j 16:14	3°♎01'40		
desc. node	36 Oct 20 j 15:33	25°♎41'54		
superior conj	36 Oct 21 j 02:54	26°♎26'59	-0°03'08	
minimum elong	36 Oct 21 j 02:29	26°♎25'21	0°03'05	
behind sun begin	36 Oct 20 j 15:42	25°♎42'31		
behind sun end	36 Oct 21 j 13:16	27°♎08'09		
	36 Oct 23 j 08:42	0°♏		
max. Earth dist.	36 Oct 24 j 06:16	1°♏25'01	1.44884 AU	
evening rise	36 Nov 06 j 14:32	22°♏16'16		
	36 Nov 11 j 14:03	0°♐		
greatest brilliancy	36 Nov 19 j 00:33	11°♐24'25	-0.7m	
evening max el	36 Dec 01 j 06:50	27°♐55'26	19°38'22	
	36 Dec 03 j 12:54	0°♑		
asc. node	36 Dec 07 j 23:47	2°♑09'25		
retrograde	36 Dec 08 j 15:21	2°♑11'47		
evening set	36 Dec 12 j 03:12	1°♑00'18		
	36 Dec 13 j 09:31	30°℞♐		
inferior conj	36 Dec 17 j 15:41	25°♐02'41	2°53'12	
minimum elong	36 Dec 17 j 12:54	25°♐11'51	2°52'25	
min. Earth dist.	36 Dec 18 j 18:05	23°♐36'06	0.66472 AU	
morning rise	36 Dec 22 j 22:21	18°♐50'17		
direct	36 Dec 29 j 01:04	16°♐07'35		
morning max el	37 Jan 10 j 07:00	23°♐23'53	25°41'44	
	37 Jan 16 j 04:21	0°♑		
desc. node	37 Jan 16 j 14:46	0°♑31'55		
	37 Feb 05 j 21:39	0°♒		
morning set	37 Feb 15 j 13:23	16°♒45'08		
max. Earth dist.	37 Feb 19 j 08:50	23°♒52'09	1.35964 AU	
	37 Feb 22 j 12:49	0°♓		
superior conj	37 Feb 24 j 22:46	4°♓47'57	-1°23'25	
minimum elong	37 Feb 25 j 02:28	5°♓06'30	1°22'53	
evening rise	37 Mar 04 j 22:56	21°♓07'31		
asc. node	37 Mar 05 j 23:05	23°♓09'52		
	37 Mar 09 j 10:13	0°♈		
evening max el	37 Mar 22 j 19:15	20°♈00'35	20°02'00	
retrograde	37 Apr 02 j 01:34	24°♈56'06		
evening set	37 Apr 04 j 03:56	24°♈44'39		
inferior conj	37 Apr 13 j 01:20	20°♈45'05	0°26'03	
minimum elong	37 Apr 13 j 02:30	20°♈43'20	0°25'38	
desc. node	37 Apr 14 j 13:55	19°♈49'47		
min. Earth dist.	37 Apr 15 j 01:11	19°♈32'57	0.55467 AU	
morning rise	37 Apr 21 j 22:58	16°♈18'29		
direct	37 Apr 25 j 22:12	15°♈43'52		
morning max el	37 May 09 j 16:34	22°♈32'53	23°58'00	
	37 May 16 j 06:22	0°♉		
asc. node	37 Jun 01 j 22:22	28°♉40'50		
	37 Jun 02 j 13:34	0°♊		
morning set	37 Jun 03 j 01:57	1°♊04'54		
superior conj	37 Jun 10 j 02:59	16°♊13'31	1°16'53	
minimum elong	37 Jun 10 j 00:29	16°♊00'05	1°16'31	
max. Earth dist.	37 Jun 12 j 02:18	20°♊27'36	1.33338 AU	
	37 Jun 16 j 15:53	0°♋		
evening rise	37 Jun 17 j 13:00	1°♋47'01		
	37 Jul 03 j 07:32	0°♌		
desc. node	37 Jul 11 j 13:14	11°♌51'40		
evening max el	37 Jul 21 j 00:51	22°♌42'50	27°25'15	
	37 Aug 02 j 17:35	0°♍		
retrograde	37 Aug 03 j 16:22	0°♍02'37		
	37 Aug 04 j 14:51	30°℞♌		
evening set	37 Aug 10 j 20:41	27°♌22'32		
min. Earth dist.	37 Aug 14 j 11:50	24°♌10'04	0.63679 AU	
inferior conj	37 Aug 17 j 01:44	21°♌31'25	-3°32'16	
minimum elong	37 Aug 17 j 06:29	21°♌19'11	3°30'57	
morning rise	37 Aug 23 j 17:21	16°♌12'51		
direct	37 Aug 26 j 06:58	15°♌40'29		
asc. node	37 Aug 28 j 21:35	16°♌14'22		
morning max el	37 Sep 01 j 20:30	19°♌06'21	17°54'44	
	37 Sep 09 j 20:28	0°♍		
morning set	37 Sep 18 j 15:39	14°♍58'23		
	37 Sep 27 j 10:37	0°♎		
superior conj	37 Oct 01 j 01:17	5°♎59'55	0°42'08	
minimum elong	37 Oct 01 j 05:29	6°♎17'09	0°41'35	
max. Earth dist.	37 Oct 06 j 23:05	15°♎34'49	1.44068 AU	
desc. node	37 Oct 07 j 12:34	16°♎28'39		
	37 Oct 16 j 03:26	0°♏		
evening rise	37 Oct 16 j 22:41	1°♏14'16		
	37 Nov 05 j 06:24	0°♐		
evening max el	37 Nov 14 j 08:53	11°♐23'50	20°40'03	
retrograde	37 Nov 22 j 12:58	16°♐13'34		
asc. node	37 Nov 24 j 20:50	15°♐42'49		
evening set	37 Nov 26 j 10:03	14°♐47'11		
inferior conj	37 Dec 01 j 19:41	8°♐38'13	2°13'24	
minimum elong	37 Dec 01 j 17:07	8°♐46'56	2°12'31	
min. Earth dist.	37 Dec 02 j 09:31	7°♐51'05	0.67216 AU	
morning rise	37 Dec 06 j 23:59	2°♐24'42		
	37 Dec 12 j 03:42	30°℞♏		
direct	37 Dec 12 j 12:05	29°♏59'28		
	37 Dec 12 j 20:32	0°♐		
morning max el	37 Dec 23 j 15:16	6°♐37'58	24°18'22	
desc. node	38 Jan 03 j 11:48	19°♐40'41		
	38 Jan 10 j 19:34	0°♑		
morning set	38 Jan 28 j 12:11	28°♑20'01		
	38 Jan 29 j 11:05	0°♒		
max. Earth dist.	38 Feb 01 j 05:19	4°♒54'39	1.37912 AU	
superior conj	38 Feb 08 j 04:56	17°♒55'12	-1°44'29	
minimum elong	38 Feb 08 j 08:43	18°♒13'20	1°44'07	
	38 Feb 14 j 09:03	0°♓		
evening rise	38 Feb 16 j 22:31	5°♓04'26		
asc. node	38 Feb 20 j 20:07	12°♓39'53		
	38 Mar 03 j 17:06	0°♈		
evening max el	38 Mar 05 j 14:36	2°♈00'44	19°04'24	
retrograde	38 Mar 14 j 06:05	6°♈10'38		
evening set	38 Mar 16 j 11:54	5°♈55'02		
inferior conj	38 Mar 24 j 14:47	1°♈41'53	2°05'47	
minimum elong	38 Mar 24 j 18:58	1°♈34'37	2°04'33	
	38 Mar 27 j 01:41	30°℞♓		
min. Earth dist.	38 Mar 27 j 16:44	29°♓34'46	0.56802 AU	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	38 Apr 01 j 10:56	26°♓54'55		
morning rise	38 Apr 01 j 23:04	26°♓42'33		
direct	38 Apr 07 j 01:09	25°♓41'42		
	38 Apr 17 j 18:42	0°♈		
morning max el	38 Apr 21 j 07:10	3°♈02'54	25°34'38	
	38 May 10 j 10:24	0°♉		
morning set	38 May 18 j 13:45	16°♉03'10		
asc. node	38 May 19 j 19:24	18°♉40'23		
	38 May 25 j 00:32	0°♊		
superior conj	38 May 25 j 13:32	1°♊11'11	0°57'29	
minimum elong	38 May 25 j 11:21	0°♊59'12	0°57'05	
max. Earth dist.	38 May 26 j 11:21	3°♊10'16	1.32659 AU	
evening rise	38 Jun 01 j 15:39	16°♊21'21		
	38 Jun 08 j 14:35	0°♋		
desc. node	38 Jun 28 j 10:13	0°♌08'04		
	38 Jun 28 j 07:28	0°♌		
evening max el	38 Jul 03 j 08:25	5°♌22'03	27°13'43	
retrograde	38 Jul 17 j 05:11	12°♌39'02		
evening set	38 Jul 24 j 08:02	10°♌18'03		
min. Earth dist.	38 Jul 27 j 22:31	7°♌30'30	0.61857 AU	
inferior conj	38 Jul 31 j 00:05	4°♌43'24	-4°14'43	
minimum elong	38 Jul 31 j 04:28	4°♌33'22	4°13'54	
	38 Aug 06 j 10:39	30°℞♋		
morning rise	38 Aug 07 j 02:22	29°♋44'39		
direct	38 Aug 09 j 13:55	29°♋18'13		
	38 Aug 12 j 15:24	0°♌		
asc. node	38 Aug 15 j 18:38	2°♌07'21		
morning max el	38 Aug 16 j 11:11	2°♌46'01	17°56'06	
morning set	38 Sep 01 j 11:13	27°♌53'21		
	38 Sep 02 j 15:06	0°♍		
superior conj	38 Sep 12 j 03:06	16°♍54'10	1°15'51	
minimum elong	38 Sep 12 j 07:57	17°♍15'06	1°15'20	
max. Earth dist.	38 Sep 19 j 11:58	29°♍19'15	1.42654 AU	
	38 Sep 19 j 21:54	0°♎		
desc. node	38 Sep 24 j 09:35	7°♎14'36		
evening rise	38 Sep 26 j 09:16	10°♎23'14		
	38 Oct 09 j 07:12	0°♏		
evening max el	38 Oct 28 j 05:11	24°♏52'53	21°52'47	
	38 Nov 04 j 08:17	0°♐		
retrograde	38 Nov 06 j 09:24	0°♐20'15		
	38 Nov 08 j 08:19	30°℞♏		
evening set	38 Nov 10 j 17:47	28°♏37'02		
asc. node	38 Nov 11 j 17:52	27°♏43'26		
inferior conj	38 Nov 16 j 02:10	22°♏20'03	1°27'15	
minimum elong	38 Nov 16 j 00:17	22°♏26'33	1°26'31	
min. Earth dist.	38 Nov 16 j 04:43	22°♏11'13	0.67607 AU	
morning rise	38 Nov 21 j 06:37	16°♏07'32		
direct	38 Nov 26 j 03:30	14°♏04'10		
morning max el	38 Dec 06 j 01:03	19°♏56'33	22°50'29	
	38 Dec 14 j 13:03	0°♐		
desc. node	38 Dec 21 j 08:50	9°♐22'23		
	39 Jan 04 j 01:05	0°♑		
morning set	39 Jan 09 j 08:09	8°♑34'02		
max. Earth dist.	39 Jan 14 j 00:57	16°♑28'27	1.40037 AU	
superior conj	39 Jan 21 j 19:17	0°♒12'53	-1°58'32	
minimum elong	39 Jan 21 j 21:37	0°♒23'29	1°58'26	
	39 Jan 21 j 16:28	0°♒		
evening rise	39 Jan 31 j 12:55	18°♒29'30		
	39 Feb 06 j 17:10	0°♓		
asc. node	39 Feb 07 j 17:10	1°♓45'52		
evening max el	39 Feb 16 j 18:35	14°♓33'23	18°26'48	
retrograde	39 Feb 24 j 05:41	18°♓13'44		
evening set	39 Feb 26 j 16:43	17°♓51'00		
inferior conj	39 Mar 06 j 01:10	13°♓17'45	3°11'03	
minimum elong	39 Mar 06 j 04:53	13°♓10'11	3°10'19	
min. Earth dist.	39 Mar 09 j 11:33	10°♓32'19	0.58696 AU	
morning rise	39 Mar 13 j 14:31	7°♓49'58		
desc. node	39 Mar 19 j 07:59	6°♓13'20		
direct	39 Mar 19 j 17:12	6°♓12'57		
morning max el	39 Apr 03 j 01:21	13°♓52'12	26°51'51	
	39 Apr 15 j 21:42	0°♈		
morning set	39 May 02 j 23:56	0°♉55'23		
	39 May 02 j 13:19	0°♉		
asc. node	39 May 06 j 16:26	8°♉47'44		
superior conj	39 May 10 j 01:16	16°♉10'04	0°35'00	
minimum elong	39 May 09 j 23:47	16°♉01'54	0°34'40	
max. Earth dist.	39 May 09 j 23:54	16°♉02'29	1.32348 AU	
	39 May 16 j 10:18	0°♊		
evening rise	39 May 16 j 23:27	1°♊09'15		
	39 Jun 01 j 17:06	0°♋		
desc. node	39 Jun 15 j 07:15	17°♋11'09		
evening max el	39 Jun 15 j 09:57	17°♋17'36	26°29'04	
retrograde	39 Jun 29 j 09:55	24°♋31'36		
evening set	39 Jul 05 j 23:57	22°♋42'27		
min. Earth dist.	39 Jul 09 j 23:05	20°♋05'07	0.59826 AU	
inferior conj	39 Jul 13 j 07:09	17°♋26'42	-4°41'25	
minimum elong	39 Jul 13 j 09:18	17°♋22'25	4°41'15	
morning rise	39 Jul 20 j 20:39	12°♋50'24		
direct	39 Jul 23 j 08:20	12°♋27'58		
morning max el	39 Jul 30 j 21:47	16°♋07'19	18°17'00	
asc. node	39 Aug 02 j 15:40	19°♋10'13		
	39 Aug 09 j 16:03	0°♌		
morning set	39 Aug 15 j 21:18	11°♌30'21		
superior conj	39 Aug 25 j 05:56	29°♌02'46	1°36'39	
minimum elong	39 Aug 25 j 09:08	29°♌17'19	1°36'24	
	39 Aug 25 j 18:31	0°♍		
max. Earth dist.	39 Sep 01 j 19:30	12°♍24'06	1.40812 AU	
evening rise	39 Sep 06 j 14:06	20°♍23'32		
desc. node	39 Sep 11 j 06:36	27°♍56'02		
	39 Sep 12 j 14:10	0°♎		
	39 Oct 03 j 13:28	0°♏		
evening max el	39 Oct 10 j 20:27	8°♏23'30	23°11'57	
retrograde	39 Oct 21 j 03:17	14°♏29'02		
evening set	39 Oct 26 j 00:45	12°♏27'52		
asc. node	39 Oct 29 j 14:55	8°♏30'03		
inferior conj	39 Oct 31 j 09:19	6°♏06'27	0°36'23	
minimum elong	39 Oct 31 j 08:28	6°♏09'22	0°36'02	
min. Earth dist.	39 Oct 31 j 01:18	6°♏33'57	0.67664 AU	
morning rise	39 Nov 05 j 16:06	29°♎57'07		
	39 Nov 05 j 14:40	30°℞♎		
direct	39 Nov 09 j 22:27	28°♎16'30		
	39 Nov 14 j 16:48	0°♏		
morning max el	39 Nov 18 j 15:58	3°♏23'23	21°26'41	
desc. node	39 Dec 08 j 05:53	29°♏27'46		
	39 Dec 08 j 14:32	0°♐		
morning set	39 Dec 19 j 23:19	17°♐26'47		
max. Earth dist.	39 Dec 27 j 02:16	28°♐56'03	1.42049 AU	
	39 Dec 27 j 17:46	0°♑		
superior conj	40 Jan 03 j 12:29	11°♑27'56	-2°01'28	
minimum elong	40 Jan 03 j 11:13	11°♑22'28	2°01'27	
	40 Jan 13 j 22:08	0°♒		
evening rise	40 Jan 14 j 14:34	1°♒14'46		
asc. node	40 Jan 25 j 14:13	20°♒20'06		
evening max el	40 Jan 31 j 04:14	27°♒30'13	18°09'12	
	40 Feb 03 j 10:15	0°♓		
retrograde	40 Feb 06 j 22:38	0°♓56'57		
evening set	40 Feb 09 j 14:21	0°♓25'35		
	40 Feb 10 j 13:09	30°℞♒		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

inferior conj	40 Feb 16 j 07:32	25°♒31'12	3°43'15
minimum elong	40 Feb 16 j 09:09	25°♒27'25	3°43'08
min. Earth dist.	40 Feb 19 j 12:46	22°♒31'11	0.60793 AU
morning rise	40 Feb 23 j 02:14	19°♒43'52	
direct	40 Feb 29 j 20:44	17°♒30'26	
desc. node	40 Mar 05 j 05:02	18°♒21'05	
morning max el	40 Mar 15 j 01:57	25°♒19'48	27°37'28
	40 Mar 19 j 09:36	0°♓	
	40 Apr 08 j 06:23	0°♈	
morning set	40 Apr 16 j 06:43	15°♈35'25	
max. Earth dist.	40 Apr 22 j 12:07	28°♈51'15	1.32403 AU
asc. node	40 Apr 22 j 13:29	28°♈58'42	
	40 Apr 23 j 00:43	0°♉	
superior conj	40 Apr 23 j 12:32	1°♉04'35	0°10'10
minimum elong	40 Apr 23 j 12:04	1°♉02'03	0°10'03
behind sun begin	40 Apr 23 j 08:08	0°♉40'32	
behind sun end	40 Apr 23 j 16:00	1°♉23'34	
evening rise	40 Apr 30 j 10:14	16°♉03'24	
	40 May 07 j 09:11	0°♊	
evening max el	40 May 27 j 04:30	28°♊27'43	25°15'29
	40 May 28 j 21:01	0°♋	
desc. node	40 Jun 01 j 04:16	2°♋31'16	
retrograde	40 Jun 10 j 05:03	5°♋36'39	
evening set	40 Jun 15 j 17:01	4°♋26'25	
min. Earth dist.	40 Jun 20 j 16:15	1°♋40'59	0.57809 AU
	40 Jun 23 j 03:17	30°℞♊	
inferior conj	40 Jun 23 j 19:31	29°♊31'52	-4°41'33
minimum elong	40 Jun 23 j 17:23	29°♊35'32	4°41'25
morning rise	40 Jul 01 j 20:28	25°♊17'47	
direct	40 Jul 04 j 09:44	24°♊58'12	
morning max el	40 Jul 13 j 01:18	29°♊01'24	18°58'28
	40 Jul 14 j 01:00	0°♋	
asc. node	40 Jul 19 j 12:43	7°♋08'11	
morning set	40 Jul 29 j 17:41	25°♋37'58	
	40 Jul 31 j 22:46	0°♌	
superior conj	40 Aug 07 j 04:10	12°♌09'44	1°46'01
minimum elong	40 Aug 07 j 05:12	12°♌14'43	1°45'59
max. Earth dist.	40 Aug 13 j 22:45	24°♌44'46	1.38791 AU
	40 Aug 16 j 22:02	0°♍	
evening rise	40 Aug 17 j 19:39	1°♍33'40	
desc. node	40 Aug 28 j 03:38	18°♍28'54	
	40 Sep 04 j 20:31	0°♎	
evening max el	40 Sep 22 j 08:39	21°♎57'07	24°31'27
retrograde	40 Oct 03 j 17:32	28°♎36'03	
evening set	40 Oct 09 j 05:15	26°♎17'17	
min. Earth dist.	40 Oct 13 j 20:57	20°♎57'00	0.67402 AU
inferior conj	40 Oct 14 j 15:23	19°♎55'23	-0°17'47
minimum elong	40 Oct 14 j 15:49	19°♎53'55	0°17'35
asc. node	40 Oct 15 j 11:58	18°♎47'00	
morning rise	40 Oct 20 j 02:26	13°♎51'40	
direct	40 Oct 23 j 19:51	12°♎31'58	
morning max el	40 Oct 31 j 14:12	17°♎00'20	20°13'01
	40 Nov 10 j 19:51	0°♏	
desc. node	40 Nov 24 j 02:55	19°♏49'44	
morning set	40 Nov 27 j 20:32	25°♏34'38	
	40 Nov 30 j 16:52	0°♐	
max. Earth dist.	40 Dec 08 j 10:47	12°♐14'16	1.43678 AU
superior conj	40 Dec 14 j 03:40	21°♐29'28	-1°48'40
minimum elong	40 Dec 13 j 21:31	21°♐04'12	1°48'14
	40 Dec 19 j 06:24	0°♑	
evening rise	40 Dec 26 j 23:11	13°♑10'56	
	41 Jan 05 j 20:02	0°♒	
asc. node	41 Jan 11 j 11:17	8°♒12'06	
evening max el	41 Jan 13 j 16:29	10°♒42'23	18°11'02
retrograde	41 Jan 20 j 04:25	14°♒09'04	
evening set	41 Jan 23 j 00:34	13°♒28'04	
inferior conj	41 Jan 29 j 06:05	8°♒13'27	3°49'49
minimum elong	41 Jan 29 j 05:35	8°♒14'48	3°49'49
min. Earth dist.	41 Jan 31 j 22:43	5°♒22'21	0.62802 AU
morning rise	41 Feb 04 j 09:36	2°♒14'21	
	41 Feb 08 j 13:28	30°℞♑	
direct	41 Feb 11 j 09:33	29°♑34'13	
	41 Feb 14 j 08:24	0°♒	
desc. node	41 Feb 20 j 02:05	2°♒56'10	
morning max el	41 Feb 25 j 07:58	7°♒27'08	27°46'13
	41 Mar 14 j 14:50	0°♓	
morning set	41 Mar 31 j 07:53	29°♓55'05	
	41 Mar 31 j 08:51	0°♈	
max. Earth dist.	41 Apr 05 j 19:53	11°♈21'28	1.32836 AU
superior conj	41 Apr 07 j 21:33	15°♈48'17	-0°16'15
minimum elong	41 Apr 07 j 22:20	15°♈52'28	0°16'04
asc. node	41 Apr 09 j 10:34	19°♈08'38	
	41 Apr 14 j 11:23	0°♉	
evening rise	41 Apr 14 j 22:02	0°♉56'28	
	41 May 01 j 02:33	0°♊	
evening max el	41 May 08 j 19:03	9°♊07'11	23°44'03
desc. node	41 May 19 j 01:17	15°♊32'25	
retrograde	41 May 22 j 12:23	15°♊59'44	
evening set	41 May 26 j 13:29	15°♊23'36	
min. Earth dist.	41 Jun 02 j 05:51	12°♊15'08	0.56132 AU
inferior conj	41 Jun 04 j 11:46	10°♊53'32	-4°02'22
minimum elong	41 Jun 04 j 05:20	11°♊03'20	4°01'06
morning rise	41 Jun 13 j 00:00	6°♊55'41	
direct	41 Jun 15 j 15:50	6°♊37'47	
morning max el	41 Jun 25 j 19:03	11°♊19'10	20°00'56
asc. node	41 Jul 06 j 09:47	25°♊48'44	
	41 Jul 08 j 17:13	0°♋	
morning set	41 Jul 13 j 21:13	10°♋08'09	
superior conj	41 Jul 21 j 16:28	25°♋59'50	1°46'10
minimum elong	41 Jul 21 j 15:43	25°♋56'05	1°46'09
	41 Jul 23 j 16:51	0°♌	
max. Earth dist.	41 Jul 27 j 02:59	6°♌37'17	1.36855 AU
evening rise	41 Jul 31 j 00:22	13°♌51'02	
	41 Aug 09 j 09:59	0°♍	
desc. node	41 Aug 15 j 00:39	8°♍48'18	
	41 Aug 30 j 16:00	0°♎	
evening max el	41 Sep 04 j 20:11	5°♎34'20	25°44'02
retrograde	41 Sep 17 j 03:16	12°♎36'47	
evening set	41 Sep 23 j 05:29	10°♎03'02	
min. Earth dist.	41 Sep 27 j 13:15	5°♎18'23	0.66815 AU
inferior conj	41 Sep 28 j 18:37	3°♎44'47	-1°13'44
minimum elong	41 Sep 28 j 20:29	3°♎38'50	1°12'57
	41 Oct 01 j 22:08	30°℞♍	
asc. node	41 Oct 02 j 09:00	29°♍32'30	
morning rise	41 Oct 04 j 11:43	27°♍49'30	
direct	41 Oct 07 j 18:20	26°♍47'34	
	41 Oct 14 j 00:41	0°♎	
morning max el	41 Oct 14 j 19:52	0°♎46'42	19°13'16
	41 Nov 04 j 08:03	0°♏	
morning set	41 Nov 07 j 00:09	4°♏09'48	
desc. node	41 Nov 10 j 23:58	10°♏23'49	
max. Earth dist.	41 Nov 21 j 01:35	26°♏11'18	1.44719 AU
	41 Nov 23 j 11:25	0°♐	
superior conj	41 Nov 23 j 17:28	0°♐23'58	-1°17'26
minimum elong	41 Nov 23 j 09:12	29°♏51'13	1°16'33
evening rise	41 Dec 08 j 10:33	24°♐11'27	
	41 Dec 11 j 23:00	0°♑	
evening max el	41 Dec 28 j 04:40	24°♑04'18	18°31'26

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

asc. node	41 Dec 29 j 08:19	25°♑10'07	
retrograde	42 Jan 03 j 18:42	27°♑42'24	
evening set	42 Jan 06 j 19:57	26°♑50'37	
inferior conj	42 Jan 12 j 16:55	21°♑17'26	3°37'48
minimum elong	42 Jan 12 j 14:57	21°♑23'14	3°37'32
min. Earth dist.	42 Jan 14 j 18:16	18°♑52'39	0.64533 AU
morning rise	42 Jan 18 j 09:27	15°♑11'17	
direct	42 Jan 25 j 05:48	12°♑19'26	
desc. node	42 Feb 06 j 23:09	19°♑23'14	
morning max el	42 Feb 07 j 16:57	20°♑07'00	27°19'32
	42 Feb 16 j 05:13	0°♒	
	42 Mar 07 j 15:35	0°♓	
morning set	42 Mar 15 j 00:36	13°♓45'14	
max. Earth dist.	42 Mar 19 j 19:21	23°♓21'43	1.33694 AU
	42 Mar 22 j 23:37	0°♈	
superior conj	42 Mar 23 j 02:27	0°♈14'58	-0°43'11
minimum elong	42 Mar 23 j 04:32	0°♈25'58	0°42'45
asc. node	42 Mar 27 j 07:37	9°♈13'24	
evening rise	42 Mar 30 j 09:04	15°♈42'15	
	42 Apr 06 j 14:14	0°♉	
evening max el	42 Apr 20 j 12:12	19°♉43'50	22°09'16
retrograde	42 May 03 j 07:05	26°♉00'22	
desc. node	42 May 05 j 22:19	25°♉44'59	
evening set	42 May 06 j 01:58	25°♉43'12	
inferior conj	42 May 15 j 11:31	21°♉36'12	-2°37'44
minimum elong	42 May 15 j 04:49	21°♉45'37	2°35'38
min. Earth dist.	42 May 14 j 18:32	22°♉00'06	0.55144 AU
morning rise	42 May 24 j 09:13	17°♉41'36	
direct	42 May 27 j 06:46	17°♉22'42	
morning max el	42 Jun 08 j 01:33	22°♉53'43	21°23'02
	42 Jun 14 j 05:23	0°♊	
asc. node	42 Jun 23 j 06:50	15°♊01'06	
morning set	42 Jun 28 j 05:27	24°♊53'44	
	42 Jun 30 j 16:11	0°♋	
superior conj	42 Jul 05 j 14:36	10°♋20'10	1°39'05
minimum elong	42 Jul 05 j 12:42	10°♋10'15	1°38'57
max. Earth dist.	42 Jul 09 j 14:24	18°♋29'19	1.35197 AU
evening rise	42 Jul 13 j 23:27	27°♋02'35	
	42 Jul 15 j 13:07	0°♌	
desc. node	42 Aug 01 j 21:39	28°♌47'11	
	42 Aug 02 j 17:45	0°♍	
evening max el	42 Aug 18 j 08:11	19°♍09'30	26°41'52
retrograde	42 Aug 31 j 07:46	26°♍24'19	
evening set	42 Sep 06 j 23:17	23°♍40'47	
min. Earth dist.	42 Sep 10 j 23:41	19°♍33'18	0.65887 AU
inferior conj	42 Sep 12 j 17:01	17°♍30'23	-2°09'46
minimum elong	42 Sep 12 j 20:18	17°♍20'36	2°08'32
morning rise	42 Sep 18 j 17:47	11°♍46'43	
asc. node	42 Sep 19 j 06:02	11°♍31'33	
direct	42 Sep 21 j 15:57	10°♍58'54	
morning max el	42 Sep 28 j 07:24	14°♍38'09	18°29'20
	42 Oct 09 j 10:46	0°♎	
morning set	42 Oct 18 j 04:52	14°♎02'27	
	42 Oct 28 j 04:30	0°♏	
desc. node	42 Oct 28 j 20:59	1°♏05'18	
superior conj	42 Nov 02 j 18:03	8°♏47'04	-0°31'41
minimum elong	42 Nov 02 j 13:54	8°♏30'41	0°31'08
max. Earth dist.	42 Nov 03 j 20:07	10°♏29'33	1.45044 AU
	42 Nov 16 j 05:56	0°♐	
evening rise	42 Nov 18 j 22:08	4°♐13'15	
greatest brilliancy	42 Nov 28 j 11:51	19°♐18'34	-0.8m
	42 Dec 05 j 14:23	0°♑	
evening max el	42 Dec 11 j 14:21	7°♑31'02	19°09'21
asc. node	42 Dec 16 j 05:20	10°♑59'55	
retrograde	42 Dec 18 j 14:02	11°♑30'38	
evening set	42 Dec 21 j 21:37	10°♑26'41	
inferior conj	42 Dec 27 j 12:34	4°♑37'08	3°12'26
minimum elong	42 Dec 27 j 09:53	4°♑45'39	3°11'49
min. Earth dist.	42 Dec 28 j 22:52	2°♑48'23	0.65880 AU
	42 Dec 31 j 08:01	30°℞♐	
morning rise	43 Jan 01 j 21:54	28°♐26'38	
direct	43 Jan 08 j 08:14	25°♐37'29	
	43 Jan 17 j 16:45	0°♑	
morning max el	43 Jan 21 j 02:31	3°♑08'23	26°23'42
desc. node	43 Jan 24 j 20:13	7°♑10'44	
	43 Feb 10 j 12:01	0°♒	
morning set	43 Feb 26 j 05:11	26°♒54'54	
	43 Feb 27 j 20:14	0°♓	
max. Earth dist.	43 Mar 02 j 07:43	4°♓48'34	1.35009 AU
superior conj	43 Mar 07 j 00:58	14°♓17'53	-1°09'22
minimum elong	43 Mar 07 j 04:12	14°♓34'29	1°08'49
asc. node	43 Mar 14 j 04:39	29°♓08'49	
evening rise	43 Mar 14 j 17:26	0°♈14'50	
	43 Mar 14 j 14:34	0°♈	
	43 Apr 01 j 20:07	0°♉	
evening max el	43 Apr 02 j 14:03	0°♉44'37	20°43'47
retrograde	43 Apr 13 j 20:01	6°♉10'29	
evening set	43 Apr 16 j 00:19	5°♉59'04	
desc. node	43 Apr 22 j 19:22	3°♉23'14	
inferior conj	43 Apr 25 j 05:47	2°♉01'26	-0°41'58
minimum elong	43 Apr 25 j 03:48	2°♉04'17	0°41'14
min. Earth dist.	43 Apr 26 j 07:35	1°♉24'32	0.55074 AU
	43 Apr 28 j 21:10	30°℞♈	
morning rise	43 May 04 j 06:34	27°♈51'51	
direct	43 May 07 j 17:33	27°♈26'02	
	43 May 16 j 00:43	0°♉	
morning max el	43 May 20 j 22:06	3°♉48'21	22°59'46
	43 Jun 07 j 19:55	0°♊	
asc. node	43 Jun 10 j 03:54	4°♊37'06	
morning set	43 Jun 12 j 16:26	9°♊48'58	
superior conj	43 Jun 19 j 19:27	25°♊01'16	1°26'20
minimum elong	43 Jun 19 j 17:00	24°♊48'15	1°26'03
	43 Jun 22 j 03:53	0°♋	
max. Earth dist.	43 Jun 22 j 11:26	0°♋39'34	1.33907 AU
evening rise	43 Jun 27 j 12:11	10°♋55'12	
	43 Jul 07 j 21:22	0°♌	
desc. node	43 Jul 19 j 18:39	18°♌16'45	
	43 Jul 29 j 07:36	0°♍	
evening max el	43 Jul 31 j 19:56	2°♍32'27	27°17'20
retrograde	43 Aug 14 j 06:32	9°♍51'28	
evening set	43 Aug 21 j 08:03	7°♍06'40	
min. Earth dist.	43 Aug 25 j 01:57	3°♍35'36	0.64597 AU
inferior conj	43 Aug 27 j 08:18	1°♍07'48	-3°03'35
minimum elong	43 Aug 27 j 12:43	0°♍55'46	3°02'10
	43 Aug 28 j 09:28	30°℞♌	
morning rise	43 Sep 02 j 18:11	25°♌39'12	
direct	43 Sep 05 j 10:18	25°♌02'02	
asc. node	43 Sep 06 j 03:06	25°♌04'37	
morning max el	43 Sep 11 j 22:25	28°♌30'02	18°02'17
	43 Sep 13 j 07:44	0°♍	
morning set	43 Sep 29 j 13:57	25°♍18'04	
	43 Oct 02 j 09:03	0°♎	
superior conj	43 Oct 13 j 03:22	17°♎40'18	0°17'12
minimum elong	43 Oct 13 j 05:24	17°♎48'27	0°16'56
desc. node	43 Oct 15 j 17:59	21°♎50'51	
max. Earth dist.	43 Oct 17 j 14:51	24°♎49'03	1.44628 AU
	43 Oct 20 j 21:44	0°♏	
evening rise	43 Oct 29 j 13:05	13°♏26'24	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	43 Nov 09 j 09:08	0°♐		
greatest brilliancy	43 Nov 12 j 11:34	4°♐38'08	-0.6m	
evening max el	43 Nov 24 j 19:30	20°♐58'55	20°03'01	
retrograde	43 Dec 02 j 11:32	25°♐28'36		
asc. node	43 Dec 03 j 02:22	25°♐26'26		
evening set	43 Dec 06 j 03:10	24°♐10'47		
inferior conj	43 Dec 11 j 14:12	18°♐07'46	2°37'10	
minimum elong	43 Dec 11 j 11:27	18°♐16'59	2°36'20	
min. Earth dist.	43 Dec 12 j 10:58	16°♐58'21	0.66834 AU	
morning rise	43 Dec 16 j 19:33	11°♐54'48		
direct	43 Dec 22 j 16:08	9°♐19'04		
morning max el	44 Jan 03 j 11:17	16°♐20'16	25°07'31	
desc. node	44 Jan 11 j 17:15	25°♐54'40		
	44 Jan 14 j 19:35	0°♑		
	44 Feb 03 j 10:37	0°♒		
morning set	44 Feb 08 j 16:36	9°♒08'58		
max. Earth dist.	44 Feb 12 j 09:07	15°♒53'12	1.36757 AU	
superior conj	44 Feb 18 j 14:06	27°♒47'50	-1°32'59	
minimum elong	44 Feb 18 j 17:58	28°♒06'55	1°32'31	
	44 Feb 19 j 16:48	0°♓		
evening rise	44 Feb 26 j 20:58	14°♓26'46		
asc. node	44 Feb 29 j 01:41	18°♓49'34		
	44 Mar 06 j 01:37	0°♈		
evening max el	44 Mar 15 j 03:05	12°♈22'00	19°35'02	
retrograde	44 Mar 24 j 16:03	16°♈56'57		
evening set	44 Mar 26 j 19:16	16°♈44'12		
inferior conj	44 Apr 04 j 09:04	12°♈39'38	1°12'08	
minimum elong	44 Apr 04 j 11:59	12°♈34'59	1°11'08	
min. Earth dist.	44 Apr 06 j 21:56	11°♈03'02	0.55942 AU	
desc. node	44 Apr 08 j 16:25	9°♈59'49		
morning rise	44 Apr 13 j 02:08	7°♈59'20		
direct	44 Apr 17 j 12:09	7°♈15'30		
morning max el	44 May 01 j 13:17	14°♈19'46	24°40'38	
	44 May 13 j 20:46	0°♉		
morning set	44 May 27 j 04:23	24°♉47'21		
asc. node	44 May 27 j 00:57	24°♉29'17		
	44 May 29 j 15:01	0°♊		
superior conj	44 Jun 03 j 04:30	9°♊54'28	1°09'06	
minimum elong	44 Jun 03 j 02:05	9°♊41'20	1°08'42	
max. Earth dist.	44 Jun 04 j 16:45	13°♊10'47	1.33001 AU	
evening rise	44 Jun 10 j 10:38	25°♊16'27		
	44 Jun 12 j 19:11	0°♋		
	44 Jun 30 j 09:38	0°♌		
desc. node	44 Jul 05 j 15:40	7°♌04'28		
evening max el	44 Jul 13 j 05:32	15°♌30'14	27°24'16	
retrograde	44 Jul 26 j 23:21	22°♌49'10		
evening set	44 Aug 03 j 04:25	20°♌15'08		
min. Earth dist.	44 Aug 06 j 18:21	17°♌15'06	0.62942 AU	
inferior conj	44 Aug 09 j 13:43	14°♌30'52	-3°51'42	
minimum elong	44 Aug 09 j 18:31	14°♌19'09	3°50'32	
morning rise	44 Aug 16 j 09:50	9°♌20'41		
direct	44 Aug 18 j 22:19	8°♌51'08		
asc. node	44 Aug 23 j 00:09	10°♌09'55		
morning max el	44 Aug 25 j 14:07	12°♌16'28	17°53'03	
	44 Sep 06 j 13:54	0°♍		
morning set	44 Sep 10 j 22:43	7°♍41'45		
superior conj	44 Sep 22 j 13:21	27°♍48'06	0°58'02	
minimum elong	44 Sep 22 j 18:15	28°♍08'36	0°57'26	
	44 Sep 23 j 20:55	0°♎		
max. Earth dist.	44 Sep 29 j 06:25	8°♎50'45	1.43530 AU	
desc. node	44 Oct 01 j 14:59	12°♎37'40		
evening rise	44 Oct 07 j 20:01	22°♎23'20		
	44 Oct 12 j 19:02	0°♏		
	44 Nov 02 j 20:51	0°♐		

evening max el	44 Nov 06 j 19:01	4°♐27'18	21°09'50
retrograde	44 Nov 15 j 09:01	9°♐33'11	
asc. node	44 Nov 18 j 23:24	8°♐20'15	
evening set	44 Nov 19 j 10:38	7°♐59'46	
inferior conj	44 Nov 24 j 19:31	1°♐46'40	1°54'29
minimum elong	44 Nov 24 j 17:12	1°♐54'39	1°53'39
min. Earth dist.	44 Nov 25 j 04:22	1°♐16'14	0.67419 AU
	44 Nov 26 j 02:44	30°℞♏	
morning rise	44 Nov 29 j 23:36	25°♏33'12	
direct	44 Dec 05 j 05:05	23°♏17'11	
morning max el	44 Dec 15 j 20:02	29°♏37'07	23°41'00
	44 Dec 16 j 05:01	0°♐	
desc. node	44 Dec 28 j 14:16	15°♐18'50	
	45 Jan 07 j 16:01	0°♑	
morning set	45 Jan 20 j 04:42	20°♑11'24	
max. Earth dist.	45 Jan 24 j 04:20	27°♑05'18	1.38808 AU
	45 Jan 25 j 19:40	0°♒	
superior conj	45 Jan 31 j 14:06	10°♒35'13	-1°51'31
minimum elong	45 Jan 31 j 17:30	10°♒51'12	1°51'17
evening rise	45 Feb 09 j 17:04	28°♒11'10	
	45 Feb 10 j 15:28	0°♓	
asc. node	45 Feb 14 j 22:43	8°♓10'14	
evening max el	45 Feb 26 j 02:25	24°♓36'36	18°45'55
retrograde	45 Mar 06 j 04:37	28°♓32'11	
evening set	45 Mar 08 j 12:29	28°♓13'57	
inferior conj	45 Mar 16 j 07:16	23°♓52'45	2°37'50
minimum elong	45 Mar 16 j 11:36	23°♓44'43	2°36'44
min. Earth dist.	45 Mar 19 j 14:51	21°♓26'29	0.57558 AU
morning rise	45 Mar 24 j 07:44	18°♓39'48	
desc. node	45 Mar 26 j 13:27	17°♓51'25	
direct	45 Mar 29 j 20:51	17°♓24'18	
morning max el	45 Apr 13 j 05:04	24°♓55'23	26°10'42
	45 Apr 17 j 21:30	0°♈	
	45 May 06 j 20:42	0°♉	
morning set	45 May 11 j 15:41	9°♉43'23	
asc. node	45 May 13 j 22:00	14°♉32'26	
superior conj	45 May 18 j 15:47	24°♉53'06	0°48'17
minimum elong	45 May 18 j 13:51	24°♉42'29	0°47'54
max. Earth dist.	45 May 19 j 03:32	25°♉57'35	1.32477 AU
	45 May 20 j 23:55	0°♊	
evening rise	45 May 25 j 15:45	9°♊56'57	
	45 Jun 05 j 02:38	0°♋	
desc. node	45 Jun 22 j 12:43	24°♋52'32	
evening max el	45 Jun 25 j 10:34	27°♋50'45	26°58'39
	45 Jun 27 j 20:46	0°♌	
retrograde	45 Jul 09 j 09:13	5°♌07'27	
evening set	45 Jul 16 j 08:05	2°♌58'24	
min. Earth dist.	45 Jul 20 j 00:36	0°♌17'23	0.60999 AU
	45 Jul 20 j 08:58	30°℞♋	
inferior conj	45 Jul 23 j 05:58	27°♋31'15	-4°28'35
minimum elong	45 Jul 23 j 09:41	27°♋23'15	4°28'04
morning rise	45 Jul 30 j 13:01	22°♋42'06	
direct	45 Aug 02 j 00:14	22°♋17'44	
morning max el	45 Aug 09 j 03:30	25°♋49'22	18°02'37
asc. node	45 Aug 09 j 21:12	26°♋34'13	
	45 Aug 12 j 17:12	0°♌	
morning set	45 Aug 25 j 01:04	20°♌55'50	
	45 Aug 29 j 22:59	0°♍	
superior conj	45 Sep 04 j 02:27	9°♍15'45	1°26'12
minimum elong	45 Sep 04 j 06:45	9°♍34'45	1°25'47
max. Earth dist.	45 Sep 11 j 16:32	22°♍17'33	1.41901 AU
	45 Sep 16 j 09:26	0°♎	
evening rise	45 Sep 17 j 12:52	1°♎50'00	
desc. node	45 Sep 18 j 12:00	3°♎22'08	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	45 Oct 06 j 06:31	0°♏		
evening max el	45 Oct 20 j 12:56	17°♏56'34	22°26'01	
retrograde	45 Oct 30 j 04:37	23°♏40'58		
evening set	45 Nov 03 j 18:14	21°♏50'23		
asc. node	45 Nov 05 j 20:27	19°♏45'42		
inferior conj	45 Nov 09 j 02:31	15°♏30'57	1°06'10	
minimum elong	45 Nov 09 j 01:03	15°♏36'03	1°05'35	
min. Earth dist.	45 Nov 09 j 00:35	15°♏37'41	0.67668 AU	
morning rise	45 Nov 14 j 07:42	9°♏19'12		
direct	45 Nov 18 j 22:13	7°♏25'30		
morning max el	45 Nov 28 j 07:33	12°♏58'33	22°13'48	
	45 Dec 11 j 20:21	0°♐		
desc. node	45 Dec 15 j 11:17	5°♐11'22		
morning set	45 Dec 31 j 12:05	29°♐49'04		
	45 Dec 31 j 14:47	0°♑		
max. Earth dist.	46 Jan 06 j 01:07	8°♑57'39	1.40924 AU	
superior conj	46 Jan 13 j 20:06	22°♑27'32	-2°01'25	
minimum elong	46 Jan 13 j 21:10	22°♑32'18	2°01'24	
	46 Jan 18 j 00:08	0°♒		
evening rise	46 Jan 24 j 02:28	11°♒19'44		
asc. node	46 Feb 01 j 19:46	27°♒03'36		
	46 Feb 03 j 15:48	0°♓		
evening max el	46 Feb 09 j 09:14	7°♓20'43	18°16'58	
retrograde	46 Feb 16 j 11:49	10°♓53'08		
evening set	46 Feb 19 j 00:56	10°♓26'54		
inferior conj	46 Feb 26 j 02:29	5°♓45'01	3°28'19	
minimum elong	46 Feb 26 j 05:24	5°♓38'43	3°27'54	
min. Earth dist.	46 Mar 01 j 12:11	2°♓50'02	0.59584 AU	
morning rise	46 Mar 05 j 07:36	0°♓07'51		
	46 Mar 05 j 13:08	30°♑℞		
direct	46 Mar 11 j 18:32	28°♒14'18		
desc. node	46 Mar 13 j 10:29	28°♒21'39		
	46 Mar 18 j 06:02	0°♓		
morning max el	46 Mar 26 j 01:43	5°♓59'08	27°15'32	
	46 Apr 12 j 23:10	0°♈		
morning set	46 Apr 26 j 00:40	24°♈31'17		
	46 Apr 28 j 14:53	0°♉		
asc. node	46 Apr 30 j 19:04	4°♉42'05		
max. Earth dist.	46 May 02 j 16:17	8°♉49'25	1.32321 AU	
superior conj	46 May 03 j 03:33	9°♉51'15	0°24'42	
minimum elong	46 May 03 j 02:28	9°♉45'18	0°24'28	
evening rise	46 May 10 j 01:05	24°♉48'43		
	46 May 12 j 13:10	0°♊		
	46 May 30 j 04:41	0°♋		
evening max el	46 Jun 07 j 09:16	9°♋27'29	26°00'57	
desc. node	46 Jun 09 j 09:45	11°♋16'30		
retrograde	46 Jun 21 j 10:23	16°♋39'59		
evening set	46 Jun 27 j 14:36	15°♋07'28		
min. Earth dist.	46 Jul 01 j 21:59	12°♋28'31	0.58941 AU	
inferior conj	46 Jul 05 j 05:33	10°♋00'11	-4°45'32	
minimum elong	46 Jul 05 j 06:05	9°♋59'11	4°45'32	
morning rise	46 Jul 12 j 23:51	5°♋33'20		
direct	46 Jul 15 j 11:59	5°♋12'16		
morning max el	46 Jul 23 j 11:28	9°♋00'38	18°32'04	
asc. node	46 Jul 27 j 18:16	14°♋02'35		
	46 Aug 06 j 03:59	0°♌		
morning set	46 Aug 08 j 16:02	4°♌47'35		
superior conj	46 Aug 17 j 14:16	21°♌51'20	1°41'52	
minimum elong	46 Aug 17 j 16:32	22°♌01'56	1°41'45	
	46 Aug 22 j 01:12	0°♍		
max. Earth dist.	46 Aug 24 j 21:44	5°♍02'44	1.39959 AU	
evening rise	46 Aug 29 j 04:09	12°♍20'13		
desc. node	46 Sep 05 j 09:04	24°♍00'54		
	46 Sep 09 j 06:08	0°♎		

	46 Oct 01 j 16:10	0°♏		
evening max el	46 Oct 03 j 02:48	1°♏29'15	23°46'09	
retrograde	46 Oct 13 j 21:00	7°♏49'33		
evening set	46 Oct 19 j 00:22	5°♏41'01		
asc. node	46 Oct 23 j 17:30	0°♏13'23		
	46 Oct 23 j 21:26	30°♍℞		
inferior conj	46 Oct 24 j 09:27	29°♎19'05	0°13'46	
minimum elong	46 Oct 24 j 09:07	29°♎20'13	0°13'37	
transit middle	46 Oct 24 j 09:07	29°♎20'13	0°13'37	
transit begin	46 Oct 24 j 07:38	29°♎25'17		
transit end	46 Oct 24 j 10:37	29°♎15'08		
min. Earth dist.	46 Oct 23 j 21:08	0°♏01'03	0.67597 AU	
morning rise	46 Oct 29 j 17:49	23°♎11'39		
direct	46 Nov 02 j 18:32	21°♎40'01		
morning max el	46 Nov 11 j 01:17	26°♎29'12	20°53'44	
	46 Nov 14 j 05:23	0°♏		
desc. node	46 Dec 02 j 08:19	25°♏24'39		
	46 Dec 05 j 08:55	0°♐		
morning set	46 Dec 10 j 17:13	8°♐15'06		
max. Earth dist.	46 Dec 19 j 05:28	21°♐47'58	1.42812 AU	
	46 Dec 24 j 04:53	0°♑		
superior conj	46 Dec 26 j 02:44	3°♑12'37	-1°58'13	
minimum elong	46 Dec 25 j 23:24	2°♑58'31	1°58'04	
evening rise	47 Jan 06 j 21:23	23°♑44'57		
	47 Jan 10 j 09:35	0°♒		
asc. node	47 Jan 19 j 16:49	15°♒21'13		
evening max el	47 Jan 23 j 20:24	20°♒25'21	18°07'40	
retrograde	47 Jan 30 j 10:41	23°♒50'08		
evening set	47 Feb 02 j 04:25	23°♒14'37		
inferior conj	47 Feb 08 j 16:12	18°♒11'26	3°48'43	
minimum elong	47 Feb 08 j 16:51	18°♒09'49	3°48'41	
min. Earth dist.	47 Feb 11 j 16:41	15°♒12'48	0.61679 AU	
morning rise	47 Feb 15 j 03:59	12°♒18'42		
direct	47 Feb 22 j 02:12	9°♒52'18		
desc. node	47 Feb 28 j 07:32	11°♒36'18		
morning max el	47 Mar 08 j 04:36	17°♒43'13	27°45'45	
	47 Mar 18 j 11:01	0°♓		
	47 Apr 05 j 15:37	0°♈		
morning set	47 Apr 10 j 05:19	9°♈03'30		
max. Earth dist.	47 Apr 16 j 03:09	21°♈32'20	1.32539 AU	
superior conj	47 Apr 17 j 14:03	24°♈42'00	-0°00'55	
minimum elong	47 Apr 17 j 14:06	24°♈42'12	0°00'54	
behind sun begin	47 Apr 17 j 09:00	24°♈14'26		
behind sun end	47 Apr 17 j 19:11	25°♈09'59		
asc. node	47 Apr 17 j 16:07	24°♈53'14		
	47 Apr 20 j 00:19	0°♉		
evening rise	47 Apr 24 j 12:32	9°♉43'32		
	47 May 05 j 00:03	0°♊		
evening max el	47 May 20 j 01:43	20°♊22'36	24°38'02	
desc. node	47 May 27 j 06:48	25°♊42'31		
retrograde	47 Jun 03 j 00:18	27°♊25'42		
evening set	47 Jun 07 j 22:01	26°♊31'27		
min. Earth dist.	47 Jun 13 j 13:06	23°♊37'53	0.57035 AU	
inferior conj	47 Jun 16 j 09:22	21°♊47'26	-4°30'26	
minimum elong	47 Jun 16 j 05:11	21°♊54'15	4°29'57	
morning rise	47 Jun 24 j 15:08	17°♊41'09		
direct	47 Jun 27 j 05:32	17°♊22'17		
morning max el	47 Jul 06 j 11:01	21°♊39'54	19°22'27	
	47 Jul 13 j 03:56	0°♋		
asc. node	47 Jul 14 j 15:19	2°♋20'04		
morning set	47 Jul 23 j 15:49	19°♋05'54		
	47 Jul 29 j 02:32	0°♌		
superior conj	47 Jul 31 j 19:02	5°♌18'07	1°47'04	
minimum elong	47 Jul 31 j 19:15	5°♌19'09	1°47'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	47 Aug 07 j 01:06	17°♌10'27	1.37949 AU	
evening rise	47 Aug 10 j 20:01	23°♌59'56		
	47 Aug 14 j 07:13	0°♍		
desc. node	47 Aug 23 j 06:07	14°♍28'54		
	47 Sep 02 j 23:22	0°♎		
evening max el	47 Sep 15 j 14:37	15°♎05'10	25°03'37	
retrograde	47 Sep 27 j 09:15	21°♎54'37		
evening set	47 Oct 03 j 03:17	19°♎29'01		
min. Earth dist.	47 Oct 07 j 15:34	14°♎23'51	0.67199 AU	
inferior conj	47 Oct 08 j 14:32	13°♎08'27	-0°41'20	
minimum elong	47 Oct 08 j 15:34	13°♎05'04	0°40'55	
asc. node	47 Oct 10 j 14:31	10°♎35'34		
morning rise	47 Oct 14 j 03:58	7°♎08'07		
direct	47 Oct 17 j 16:36	5°♎56'17		
morning max el	47 Oct 25 j 02:47	10°♎10'32	19°45'48	
	47 Nov 08 j 20:04	0°♏		
desc. node	47 Nov 19 j 05:22	15°♏52'41		
morning set	47 Nov 19 j 14:09	16°♏26'36		
	47 Nov 28 j 06:46	0°♐		
max. Earth dist.	47 Dec 01 j 17:39	5°♐27'49	1.44206 AU	
superior conj	47 Dec 06 j 06:33	12°♐44'01	-1°37'39	
minimum elong	47 Dec 05 j 22:50	12°♐12'54	1°36'59	
	47 Dec 16 j 17:56	0°♑		
evening rise	47 Dec 19 j 21:31	5°♑19'06		
	48 Jan 04 j 05:19	0°♒		
asc. node	48 Jan 06 j 13:51	2°♒52'23		
evening max el	48 Jan 07 j 08:58	3°♒42'56	18°17'25	
retrograde	48 Jan 13 j 20:44	7°♒13'09		
evening set	48 Jan 16 j 18:59	6°♒27'36		
inferior conj	48 Jan 22 j 20:29	1°♒04'31	3°46'39	
minimum elong	48 Jan 22 j 19:15	1°♒07'56	3°46'33	
	48 Jan 23 j 19:31	30°℞♑		
min. Earth dist.	48 Jan 25 j 06:34	28°♑23'17	0.63581 AU	
morning rise	48 Jan 28 j 18:50	25°♑02'01		
direct	48 Feb 04 j 18:06	22°♑15'26		
desc. node	48 Feb 15 j 04:33	27°♑03'59		
	48 Feb 18 j 09:41	0°♒		
morning max el	48 Feb 18 j 12:22	0°♒06'41	27°39'01	
	48 Mar 11 j 10:32	0°♓		
morning set	48 Mar 24 j 03:17	23°♓12'11		
	48 Mar 27 j 11:33	0°♈		
max. Earth dist.	48 Mar 29 j 08:06	3°♈52'38	1.33153 AU	
superior conj	48 Mar 31 j 21:34	9°♈19'26	-0°27'40	
minimum elong	48 Mar 31 j 22:54	9°♈26'34	0°27'22	
asc. node	48 Apr 03 j 13:10	15°♈01'42		
evening rise	48 Apr 08 j 00:15	24°♈34'46		
	48 Apr 10 j 14:58	0°♉		
	48 Apr 29 j 17:36	0°♊		
evening max el	48 Apr 30 j 16:18	0°♊56'29	23°03'11	
desc. node	48 May 13 j 03:48	7°♊34'27		
retrograde	48 May 14 j 01:49	7°♊36'21		
evening set	48 May 17 j 12:57	7°♊10'02		
min. Earth dist.	48 May 25 j 01:40	3°♊48'34	0.55616 AU	
inferior conj	48 May 26 j 17:38	2°♊50'31	-3°31'46	
minimum elong	48 May 26 j 10:23	3°♊01'05	3°29'56	
	48 Jun 01 j 03:42	30°℞♉		
morning rise	48 Jun 04 j 10:23	28°♉56'31		
direct	48 Jun 07 j 04:09	28°♉38'38		
	48 Jun 12 j 19:48	0°♊		
morning max el	48 Jun 17 j 23:59	3°♊39'25	20°33'41	
asc. node	48 Jun 30 j 12:23	21°♊15'08		
	48 Jul 05 j 01:30	0°♋		
morning set	48 Jul 06 j 21:34	3°♋43'18		
superior conj	48 Jul 14 j 11:57	19°♋22'21	1°43'57	
minimum elong	48 Jul 14 j 10:38	19°♋15'38	1°43'54	
max. Earth dist.	48 Jul 19 j 07:52	28°♋59'44	1.36108 AU	
	48 Jul 19 j 20:18	0°♌		
evening rise	48 Jul 23 j 09:04	6°♌41'23		
	48 Aug 06 j 01:36	0°♍		
desc. node	48 Aug 09 j 03:08	4°♍40'30		
evening max el	48 Aug 28 j 02:06	28°♍41'31	26°10'51	
	48 Aug 29 j 11:32	0°♎		
retrograde	48 Sep 09 j 16:45	5°♎50'37		
evening set	48 Sep 16 j 01:03	3°♎11'31		
	48 Sep 19 j 03:50	30°℞♍		
min. Earth dist.	48 Sep 20 j 05:30	28°♍42'54	0.66464 AU	
inferior conj	48 Sep 21 j 15:55	26°♍56'11	-1°37'38	
minimum elong	48 Sep 21 j 18:24	26°♍48'29	1°36'38	
asc. node	48 Sep 26 j 11:34	21°♍47'35		
morning rise	48 Sep 27 j 12:08	21°♍05'46		
direct	48 Sep 30 j 14:50	20°♍10'23		
morning max el	48 Oct 07 j 11:17	23°♍59'48	18°52'38	
	48 Oct 12 j 10:28	0°♎		
morning set	48 Oct 29 j 03:02	25°♎31'17		
	48 Oct 31 j 23:12	0°♏		
desc. node	48 Nov 05 j 02:24	6°♏30'22		
max. Earth dist.	48 Nov 13 j 10:30	19°♏36'26	1.44941 AU	
superior conj	48 Nov 14 j 12:19	21°♏18'03	-0°59'15	
minimum elong	48 Nov 14 j 05:06	20°♏49'38	0°58'23	
	48 Nov 20 j 00:27	0°♐		
evening rise	48 Nov 29 j 22:53	15°♐54'48		
	48 Dec 08 j 16:16	0°♑		
evening max el	48 Dec 20 j 20:16	17°♑07'03	18°45'27	
asc. node	48 Dec 23 j 10:53	19°♑23'22		
retrograde	48 Dec 27 j 13:41	20°♑53'37		
evening set	48 Dec 30 j 17:22	19°♑56'56		
inferior conj	49 Jan 05 j 11:28	14°♑16'17	3°28'26	
minimum elong	49 Jan 05 j 09:06	14°♑23'28	3°28'02	
min. Earth dist.	49 Jan 07 j 06:14	12°♑06'02	0.65148 AU	
morning rise	49 Jan 11 j 00:28	8°♑07'45		
direct	49 Jan 17 j 17:00	5°♑15'33		
morning max el	49 Jan 30 j 22:07	12°♑58'14	26°58'56	
desc. node	49 Feb 01 j 01:36	14°♑08'47		
	49 Feb 13 j 16:09	0°♒		
	49 Mar 04 j 00:51	0°♓		
morning set	49 Mar 07 j 15:22	6°♓47'00		
max. Earth dist.	49 Mar 12 j 03:12	15°♓39'08	1.34199 AU	
superior conj	49 Mar 16 j 00:01	23°♓36'46	-0°54'29	
minimum elong	49 Mar 16 j 02:38	23°♓50'23	0°53'58	
	49 Mar 19 j 00:52	0°♈		
asc. node	49 Mar 21 j 10:12	5°♈03'02		
evening rise	49 Mar 23 j 10:22	9°♈15'39		
	49 Apr 03 j 11:01	0°♉		
evening max el	49 Apr 12 j 12:23	11°♉40'09	21°31'07	
retrograde	49 Apr 24 j 17:18	17°♉36'54		
evening set	49 Apr 27 j 03:37	17°♉23'29		
desc. node	49 Apr 30 j 00:48	16°♉35'35		
inferior conj	49 May 06 j 13:17	13°♉22'14	-1°50'40	
minimum elong	49 May 06 j 08:11	13°♉29'23	1°48'55	
min. Earth dist.	49 May 06 j 14:31	13°♉20'30	0.54993 AU	
morning rise	49 May 15 j 13:24	9°♉23'33		
direct	49 May 18 j 15:08	9°♉02'55		
morning max el	49 May 31 j 02:03	14°♉56'32	22°02'57	
	49 Jun 11 j 13:29	0°♊		
asc. node	49 Jun 17 j 09:26	10°♊38'31		
morning set	49 Jun 21 j 07:10	18°♊33'45		
	49 Jun 26 j 17:09	0°♋		
superior conj	49 Jun 28 j 13:18	3°♋53'03	1°34'18	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	49 Jun 28 j 11:05	3°♋41'26	1°34'06	
max. Earth dist.	49 Jul 01 j 22:57	10°♋56'43	1.34594 AU	
evening rise	49 Jul 06 j 14:29	20°♋12'11		
	49 Jul 11 j 20:15	0°♌		
desc. node	49 Jul 27 j 00:08	24°♌28'32		
	49 Jul 31 j 00:30	0°♍		
evening max el	49 Aug 10 j 13:58	12°♍12'39	27°00'06	
retrograde	49 Aug 23 j 19:08	19°♍31'02		
evening set	49 Aug 30 j 15:24	16°♍45'30		
min. Earth dist.	49 Sep 03 j 12:45	12°♍53'53	0.65376 AU	
inferior conj	49 Sep 05 j 11:36	10°♍39'19	-2°33'06	
minimum elong	49 Sep 05 j 15:26	10°♍28'19	2°31'43	
morning rise	49 Sep 11 j 16:07	5°♍01'48		
asc. node	49 Sep 13 j 08:37	4°♍25'51		
direct	49 Sep 14 j 11:17	4°♍19'05		
morning max el	49 Sep 21 j 00:41	7°♍52'51	18°15'44	
	49 Oct 06 j 04:18	0°♎		
morning set	49 Oct 09 j 20:07	6°♎00'29		
desc. node	49 Oct 22 j 23:26	27°♎14'23		
superior conj	49 Oct 24 j 14:02	29°♎47'24	-0°10'35	
minimum elong	49 Oct 24 j 12:40	29°♎41'58	0°10'24	
behind sun begin	49 Oct 24 j 04:04	29°♎07'56		
behind sun end	49 Oct 24 j 21:15	0°♏15'58		
	49 Oct 24 j 17:13	0°♏		
max. Earth dist.	49 Oct 27 j 05:01	3°♏55'59	1.44949 AU	
evening rise	49 Nov 10 j 00:47	25°♏33'29		
	49 Nov 12 j 21:09	0°♐		
greatest brilliancy	49 Nov 21 j 18:56	13°♐46'25	-0.7m	
	49 Dec 03 j 15:05	0°♑		
evening max el	49 Dec 04 j 04:13	0°♑34'40	19°30'23	
asc. node	49 Dec 10 j 07:53	4°♑39'38		
retrograde	49 Dec 11 j 10:15	4°♑46'23		
evening set	49 Dec 14 j 20:56	3°♑36'59		
	49 Dec 18 j 14:17	30°℞♐		
inferior conj	49 Dec 20 j 10:00	27°♐41'27	2°58'30	
minimum elong	49 Dec 20 j 07:13	27°♐50'31	2°57'47	
min. Earth dist.	49 Dec 21 j 14:26	26°♐08'57	0.66332 AU	
morning rise	49 Dec 25 j 17:15	21°♐29'28		
direct	49 Dec 31 j 22:04	18°♐44'40		
morning max el	50 Jan 13 j 07:23	26°♐05'20	25°53'07	
	50 Jan 16 j 22:16	0°♑		
desc. node	50 Jan 18 j 22:39	2°♑22'47		
	50 Feb 07 j 05:33	0°♒		
morning set	50 Feb 18 j 13:22	19°♒35'16		
max. Earth dist.	50 Feb 22 j 10:16	26°♒52'24	1.35702 AU	
	50 Feb 24 j 00:59	0°♓		
superior conj	50 Feb 27 j 18:57	7°♓26'53	-1°19'50	
minimum elong	50 Feb 27 j 22:33	7°♓45'03	1°19'18	
evening rise	50 Mar 07 j 16:57	23°♓40'06		
asc. node	50 Mar 08 j 07:14	24°♓52'49		
	50 Mar 10 j 20:33	0°♈		
evening max el	50 Mar 25 j 19:02	22°♈56'26	20°12'16	
retrograde	50 Apr 05 j 07:27	27°♈59'28		
evening set	50 Apr 07 j 09:56	27°♈48'13		
inferior conj	50 Apr 16 j 09:45	23°♈49'48	0°08'38	
minimum elong	50 Apr 16 j 10:09	23°♈49'13	0°08'30	
transit middle	50 Apr 16 j 10:09	23°♈49'13	0°08'30	
transit begin	50 Apr 16 j 06:45	23°♈54'15		
transit end	50 Apr 16 j 13:33	23°♈44'09		
desc. node	50 Apr 16 j 21:50	23°♈31'48		
min. Earth dist.	50 Apr 18 j 04:21	22°♈46'37	0.55334 AU	
morning rise	50 Apr 25 j 08:33	19°♈27'57		
direct	50 Apr 29 j 04:23	18°♈55'56		
morning max el	50 May 12 j 19:36	25°♈38'38	23°42'56	
	50 May 16 j 21:44	0°♉		
asc. node	50 Jun 04 j 06:29	0°♊22'12		
	50 Jun 04 j 02:10	0°♊		
morning set	50 Jun 05 j 18:45	3°♊30'58		
superior conj	50 Jun 12 j 20:12	18°♊40'24	1°19'31	
minimum elong	50 Jun 12 j 17:42	18°♊26'59	1°19'10	
max. Earth dist.	50 Jun 14 j 23:40	23°♊15'43	1.33472 AU	
	50 Jun 18 j 04:53	0°♋		
evening rise	50 Jun 20 j 07:48	4°♋18'44		
	50 Jul 04 j 13:21	0°♌		
desc. node	50 Jul 13 j 21:09	13°♌42'23		
evening max el	50 Jul 24 j 01:11	25°♌27'08	27°24'12	
	50 Jul 29 j 16:08	0°♍		
retrograde	50 Aug 06 j 15:35	2°♍46'43		
evening set	50 Aug 13 j 19:22	0°♍05'08		
	50 Aug 13 j 22:05	30°℞♌		
min. Earth dist.	50 Aug 17 j 11:11	26°♌47'57	0.63929 AU	
inferior conj	50 Aug 19 j 23:05	24°♌11'55	-3°25'00	
minimum elong	50 Aug 20 j 03:47	23°♌59'38	3°23'38	
morning rise	50 Aug 26 j 13:11	18°♌50'30		
direct	50 Aug 29 j 03:22	18°♌16'59		
asc. node	50 Aug 31 j 05:41	18°♌39'12		
morning max el	50 Sep 04 j 16:18	21°♌43'11	17°56'05	
	50 Sep 11 j 00:43	0°♍		
morning set	50 Sep 21 j 16:03	17°♍47'26		
	50 Sep 28 j 20:07	0°♎		
superior conj	50 Oct 04 j 08:41	9°♎09'09	0°35'56	
minimum elong	50 Oct 04 j 12:27	9°♎24'31	0°35'25	
desc. node	50 Oct 09 j 20:27	18°♎00'59		
max. Earth dist.	50 Oct 09 j 22:27	18°♎09'01	1.44239 AU	
	50 Oct 17 j 11:16	0°♏		
evening rise	50 Oct 20 j 10:12	4°♏34'17		
	50 Nov 06 j 08:50	0°♐		
evening max el	50 Nov 17 j 07:08	14°♐03'11	20°30'07	
retrograde	50 Nov 25 j 07:53	18°♐47'24		
asc. node	50 Nov 27 j 04:56	18°♐27'22		
evening set	50 Nov 29 j 03:31	17°♐23'15		
inferior conj	50 Dec 04 j 13:28	11°♐15'49	2°19'51	
minimum elong	50 Dec 04 j 10:50	11°♐24'43	2°18'59	
min. Earth dist.	50 Dec 05 j 05:03	10°♐22'55	0.67129 AU	
morning rise	50 Dec 09 j 17:58	5°♐02'29		
direct	50 Dec 15 j 08:20	2°♐34'18		
morning max el	50 Dec 26 j 15:41	9°♐18'48	24°31'21	
desc. node	51 Jan 05 j 19:41	21°♐25'35		
	51 Jan 11 j 23:55	0°♑		
	51 Jan 30 j 21:05	0°♒		
morning set	51 Jan 31 j 15:41	1°♒21'12		
max. Earth dist.	51 Feb 04 j 07:52	7°♒54'51	1.37602 AU	
superior conj	51 Feb 11 j 03:05	20°♒40'55	-1°41'39	
minimum elong	51 Feb 11 j 06:56	20°♒59'31	1°41'16	
	51 Feb 15 j 20:57	0°♓		
evening rise	51 Feb 19 j 17:41	7°♓41'41		
asc. node	51 Feb 23 j 04:16	14°♓26'11		
	51 Mar 04 j 09:11	0°♈		
evening max el	51 Mar 08 j 12:54	4°♈51'32	19°11'45	
retrograde	51 Mar 17 j 09:34	9°♈07'26		
evening set	51 Mar 19 j 14:42	8°♈52'37		
inferior conj	51 Mar 27 j 20:26	4°♈41'53	1°52'42	
minimum elong	51 Mar 28 j 00:25	4°♈35'08	1°51'29	
min. Earth dist.	51 Mar 30 j 19:31	2°♈42'22	0.56558 AU	
desc. node	51 Apr 03 j 18:53	0°♈25'57		
	51 Apr 04 j 18:28	30°℞♓		
morning rise	51 Apr 05 j 07:14	29°♓47'32		
direct	51 Apr 10 j 05:11	28°♓51'32		
	51 Apr 15 j 15:41	0°♈		

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morning max el	51 Apr 24 j 10:10	6°♈08'28	25°21'06
	51 May 11 j 18:28	0°♉	
morning set	51 May 21 j 06:40	18°♉29'44	
asc. node	51 May 22 j 03:33	20°♉20'16	
	51 May 26 j 14:42	0°♊	
superior conj	51 May 28 j 06:28	3°♊37'18	1°00'40
minimum elong	51 May 28 j 04:12	3°♊24'56	1°00'15
max. Earth dist.	51 May 29 j 07:57	5°♊56'17	1.32739 AU
evening rise	51 Jun 04 j 09:30	18°♊50'15	
	51 Jun 10 j 01:03	0°♋	
	51 Jun 29 j 00:35	0°♌	
desc. node	51 Jun 30 j 18:11	2°♌07'37	
evening max el	51 Jul 06 j 09:26	8°♌11'41	27°17'27
retrograde	51 Jul 20 j 05:21	15°♌28'51	
evening set	51 Jul 27 j 09:10	13°♌04'06	
min. Earth dist.	51 Jul 30 j 23:18	10°♌13'46	0.62151 AU
inferior conj	51 Aug 02 j 23:22	7°♌26'58	-4°09'08
minimum elong	51 Aug 03 j 03:55	7°♌16'23	4°08'13
morning rise	51 Aug 10 j 00:02	2°♌25'08	
direct	51 Aug 12 j 11:48	1°♌57'55	
asc. node	51 Aug 18 j 02:45	4°♌20'02	
morning max el	51 Aug 19 j 07:19	5°♌24'40	17°54'41
morning set	51 Sep 04 j 09:00	0°♍34'49	
	51 Sep 04 j 01:17	0°♍	
superior conj	51 Sep 15 j 06:25	19°♍51'23	1°11'36
minimum elong	51 Sep 15 j 11:22	20°♍12'34	1°11'02
	51 Sep 21 j 07:15	0°♎	
max. Earth dist.	51 Sep 22 j 12:18	1°♎59'08	1.42900 AU
desc. node	51 Sep 26 j 17:28	8°♎47'16	
evening rise	51 Sep 29 j 19:17	13°♎38'41	
	51 Oct 10 j 12:52	0°♏	
evening max el	51 Oct 31 j 04:15	27°♏32'01	21°41'26
	51 Nov 02 j 20:12	0°♐	
retrograde	51 Nov 09 j 04:38	2°♐53'41	
evening set	51 Nov 13 j 11:15	1°♐12'58	
asc. node	51 Nov 14 j 01:59	0°♐41'38	
	51 Nov 14 j 19:14	30°℞♏	
inferior conj	51 Nov 18 j 19:42	24°♏56'50	1°34'35
minimum elong	51 Nov 18 j 17:42	25°♏03'46	1°33'49
min. Earth dist.	51 Nov 18 j 23:50	24°♏42'35	0.67570 AU
morning rise	51 Nov 24 j 00:00	18°♏44'05	
direct	51 Nov 28 j 23:05	16°♏37'30	
morning max el	51 Dec 09 j 01:07	22°♏36'54	23°03'30
	51 Dec 15 j 11:34	0°♐	
desc. node	51 Dec 23 j 16:43	11°♐02'51	
	52 Jan 05 j 08:47	0°♑	
morning set	52 Jan 12 j 15:56	11°♑47'48	
max. Earth dist.	52 Jan 17 j 03:19	19°♑22'44	1.39717 AU
	52 Jan 23 j 03:16	0°♒	
superior conj	52 Jan 24 j 20:06	3°♒06'30	-1°57'01
minimum elong	52 Jan 24 j 22:46	3°♒18'49	1°56'54
evening rise	52 Feb 03 j 09:40	21°♒11'59	
	52 Feb 08 j 01:29	0°♓	
asc. node	52 Feb 10 j 01:20	3°♓36'16	
evening max el	52 Feb 19 j 15:45	17°♓19'33	18°31'09
retrograde	52 Feb 27 j 06:26	21°♓03'30	
evening set	52 Feb 29 j 16:39	20°♓41'59	
inferior conj	52 Mar 08 j 03:40	16°♓11'50	3°03'23
minimum elong	52 Mar 08 j 07:37	16°♓03'59	3°02'33
min. Earth dist.	52 Mar 11 j 13:43	13°♓30'43	0.58388 AU
morning rise	52 Mar 15 j 19:55	10°♓47'33	
desc. node	52 Mar 20 j 15:55	9°♓19'42	
direct	52 Mar 21 j 19:15	9°♓16'22	
morning max el	52 Apr 05 j 03:41	16°♓53'46	26°42'09
	52 Apr 15 j 22:22	0°♈	
	52 May 03 j 01:59	0°♉	
morning set	52 May 04 j 17:14	3°♉23'19	
asc. node	52 May 08 j 00:37	10°♉26'49	
superior conj	52 May 11 j 18:09	18°♉36'22	0°38'35
minimum elong	52 May 11 j 16:32	18°♉27'30	0°38'15
max. Earth dist.	52 May 11 j 20:14	18°♉47'51	1.32372 AU
	52 May 16 j 23:47	0°♊	
evening rise	52 May 18 j 16:41	3°♊36'30	
	52 Jun 01 j 21:09	0°♋	
desc. node	52 Jun 16 j 15:13	19°♋23'23	
evening max el	52 Jun 17 j 11:54	20°♋13'44	26°37'38
retrograde	52 Jul 01 j 11:29	27°♋28'29	
evening set	52 Jul 08 j 04:18	25°♋33'44	
min. Earth dist.	52 Jul 12 j 01:13	22°♋56'07	0.60133 AU
inferior conj	52 Jul 15 j 08:56	20°♋15'01	-4°38'49
minimum elong	52 Jul 15 j 11:34	20°♋09'40	4°38'36
morning rise	52 Jul 22 j 20:46	15°♋35'28	
direct	52 Jul 25 j 08:18	15°♋12'34	
morning max el	52 Aug 01 j 18:46	18°♋49'28	18°12'40
asc. node	52 Aug 03 j 23:48	21°♋13'24	
	52 Aug 09 j 23:02	0°♌	
morning set	52 Aug 17 j 17:14	14°♌06'29	
	52 Aug 26 j 05:36	0°♍	
superior conj	52 Aug 27 j 05:55	1°♍50'22	1°34'15
minimum elong	52 Aug 27 j 09:26	2°♍06'14	1°33'59
max. Earth dist.	52 Sep 03 j 20:34	15°♍10'30	1.41101 AU
evening rise	52 Sep 08 j 20:46	23°♍29'53	
desc. node	52 Sep 12 j 14:31	29°♍29'59	
	52 Sep 12 j 22:08	0°♎	
	52 Oct 03 j 12:29	0°♏	
evening max el	52 Oct 12 j 20:07	11°♏02'24	22°59'55
retrograde	52 Oct 22 j 23:03	17°♏02'48	
evening set	52 Oct 27 j 18:26	15°♏04'18	
asc. node	52 Oct 30 j 23:01	11°♏37'43	
inferior conj	52 Nov 02 j 02:52	8°♏43'11	0°44'23
minimum elong	52 Nov 02 j 01:51	8°♏46'43	0°43'56
min. Earth dist.	52 Nov 01 j 20:24	9°♏05'28	0.67676 AU
morning rise	52 Nov 07 j 09:11	2°♏33'09	
direct	52 Nov 11 j 17:34	0°♏49'15	
morning max el	52 Nov 20 j 15:07	6°♏02'52	21°38'35
	52 Dec 08 j 20:04	0°♐	
desc. node	52 Dec 09 j 13:45	1°♐05'16	
morning set	52 Dec 22 j 11:07	20°♐51'35	
	52 Dec 28 j 02:51	0°♑	
max. Earth dist.	52 Dec 29 j 03:19	1°♑40'57	1.41769 AU
superior conj	53 Jan 05 j 16:46	14°♑31'26	-2°01'57
minimum elong	53 Jan 05 j 16:10	14°♑28'52	2°01'56
	53 Jan 14 j 08:18	0°♒	
evening rise	53 Jan 16 j 13:28	4°♒03'29	
asc. node	53 Jan 26 j 22:22	22°♒15'40	
	53 Feb 01 j 19:31	0°♓	
evening max el	53 Feb 02 j 00:42	0°♓12'53	18°10'35
retrograde	53 Feb 08 j 20:57	3°♓40'44	
evening set	53 Feb 11 j 11:57	3°♓10'47	
	53 Feb 16 j 10:14	30°℞♒	
inferior conj	53 Feb 18 j 07:12	28°♒19'41	3°40'12
minimum elong	53 Feb 18 j 09:09	28°♒15'10	3°39'59
min. Earth dist.	53 Feb 21 j 13:54	25°♒20'04	0.60479 AU
morning rise	53 Feb 25 j 04:29	22°♒34'35	
direct	53 Mar 03 j 21:18	20°♒25'59	
desc. node	53 Mar 07 j 12:57	21°♒01'44	
morning max el	53 Mar 18 j 03:16	28°♒14'45	27°32'59
	53 Mar 19 j 20:24	0°♓	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	53 Apr 09 j 15:30	0°♈	
morning set	53 Apr 19 j 00:38	18°♈05'25	
asc. node	53 Apr 24 j 21:40	0°♉37'27	
	53 Apr 24 j 14:48	0°♉	
max. Earth dist.	53 Apr 25 j 08:37	1°♉37'13	1.32366 AU
superior conj	53 Apr 26 j 05:34	3°♉31'49	0°14'02
minimum elong	53 Apr 26 j 04:55	3°♉28'20	0°13'54
behind sun begin	53 Apr 26 j 02:30	3°♉15'05	
behind sun end	53 Apr 26 j 07:20	3°♉41'35	
evening rise	53 May 03 j 03:07	18°♉29'54	
	53 May 08 j 19:19	0°♊	
	53 May 28 j 19:11	0°♋	
evening max el	53 May 30 j 07:21	1°♋30'12	25°27'58
desc. node	53 Jun 03 j 12:15	5°♋01'25	
retrograde	53 Jun 13 j 08:22	8°♋40'38	
evening set	53 Jun 19 j 00:53	7°♋24'38	
min. Earth dist.	53 Jun 23 j 19:23	4°♋41'22	0.58091 AU
inferior conj	53 Jun 27 j 00:16	2°♋26'34	-4°43'51
minimum elong	53 Jun 26 j 22:53	2°♋29'01	4°43'48
	53 Jun 30 j 17:16	30°℞♊	
morning rise	53 Jul 04 j 23:31	28°♊09'22	
direct	53 Jul 07 j 12:23	27°♊49'29	
	53 Jul 13 j 18:41	0°♋	
morning max el	53 Jul 15 j 23:33	1°♋48'28	18°50'58
asc. node	53 Jul 21 j 20:52	9°♋04'10	
morning set	53 Aug 01 j 12:17	28°♋10'09	
	53 Aug 02 j 10:41	0°♌	
superior conj	53 Aug 10 j 01:35	14°♌49'39	1°45'13
minimum elong	53 Aug 10 j 02:57	14°♌56'06	1°45'11
max. Earth dist.	53 Aug 16 j 23:55	27°♌36'16	1.39090 AU
	53 Aug 18 j 08:25	0°♍	
evening rise	53 Aug 20 j 22:35	4°♍29'36	
desc. node	53 Aug 30 j 11:34	20°♍04'39	
	53 Sep 06 j 01:14	0°♎	
evening max el	53 Sep 25 j 08:37	24°♎35'45	24°19'52
	53 Oct 02 j 06:44	0°♏	
retrograde	53 Oct 06 j 13:55	1°♏10'24	
	53 Oct 10 j 11:46	30°℞♎	
evening set	53 Oct 11 j 23:24	28°♎54'19	
min. Earth dist.	53 Oct 16 j 16:23	23°♎28'45	0.67462 AU
inferior conj	53 Oct 17 j 09:12	22°♎32'10	-0°09'22
minimum elong	53 Oct 17 j 09:26	22°♎31'24	0°09'17
transit middle	53 Oct 17 j 09:26	22°♎31'24	0°09'17
transit begin	53 Oct 17 j 07:11	22°♎38'58	
transit end	53 Oct 17 j 11:41	22°♎23'51	
asc. node	53 Oct 17 j 20:04	21°♎55'45	
morning rise	53 Oct 22 j 19:30	16°♎27'20	
direct	53 Oct 26 j 14:44	15°♎04'39	
morning max el	53 Nov 03 j 12:08	19°♎38'15	20°23'07
	53 Nov 11 j 21:43	0°♏	
desc. node	53 Nov 26 j 10:48	21°♏25'20	
morning set	53 Dec 01 j 09:36	29°♏02'00	
	53 Dec 02 j 00:34	0°♐	
max. Earth dist.	53 Dec 11 j 10:32	14°♐51'37	1.43474 AU
superior conj	53 Dec 17 j 12:00	24°♐44'32	-1°51'46
minimum elong	53 Dec 17 j 06:33	24°♐21'58	1°51'27
	53 Dec 20 j 15:39	0°♑	
evening rise	53 Dec 30 j 00:52	16°♑07'26	
	54 Jan 07 j 01:29	0°♒	
asc. node	54 Jan 13 j 19:23	10°♒14'47	
evening max el	54 Jan 16 j 12:44	13°♒23'25	18°09'33
retrograde	54 Jan 23 j 00:59	16°♒49'08	
evening set	54 Jan 25 j 20:30	16°♒09'36	
inferior conj	54 Feb 01 j 03:33	10°♒58'01	3°50'08
minimum elong	54 Feb 01 j 03:19	10°♒58'36	3°50'08
min. Earth dist.	54 Feb 03 j 22:23	8°♒04'12	0.62522 AU
morning rise	54 Feb 07 j 09:05	5°♒00'25	
direct	54 Feb 14 j 08:56	2°♒23'15	
desc. node	54 Feb 22 j 09:59	5°♒16'46	
morning max el	54 Feb 28 j 08:28	10°♒16'01	27°47'17
	54 Mar 15 j 19:01	0°♓	
	54 Apr 01 j 21:08	0°♈	
morning set	54 Apr 03 j 02:46	2°♈28'44	
max. Earth dist.	54 Apr 08 j 17:13	14°♈10'56	1.32739 AU
superior conj	54 Apr 10 j 15:01	18°♈17'47	-0°12'11
minimum elong	54 Apr 10 j 15:36	18°♈20'54	0°12'03
behind sun begin	54 Apr 10 j 12:12	18°♈02'30	
behind sun end	54 Apr 10 j 19:00	18°♈39'19	
asc. node	54 Apr 11 j 18:43	20°♈48'02	
	54 Apr 16 j 00:37	0°♉	
evening rise	54 Apr 17 j 14:51	3°♉23'49	
	54 May 02 j 01:40	0°♊	
evening max el	54 May 11 j 22:18	12°♊13'38	23°58'23
desc. node	54 May 21 j 09:15	18°♊26'28	
retrograde	54 May 25 j 17:33	19°♊09'28	
evening set	54 May 29 j 23:54	18°♊29'12	
min. Earth dist.	54 Jun 05 j 09:23	15°♊24'58	0.56344 AU
inferior conj	54 Jun 07 j 19:32	13°♊55'31	-4°11'22
minimum elong	54 Jun 07 j 13:35	14°♊04'43	4°10'19
morning rise	54 Jun 16 j 06:05	9°♊55'43	
direct	54 Jun 18 j 21:29	9°♊37'37	
morning max el	54 Jun 28 j 18:53	14°♊12'36	19°50'15
asc. node	54 Jul 08 j 17:56	27°♊39'29	
	54 Jul 10 j 01:51	0°♋	
morning set	54 Jul 16 j 14:56	12°♋37'54	
superior conj	54 Jul 24 j 12:05	28°♋34'26	1°46'39
minimum elong	54 Jul 24 j 11:34	28°♋31'52	1°46'38
	54 Jul 25 j 05:19	0°♌	
max. Earth dist.	54 Jul 30 j 03:46	9°♌32'23	1.37134 AU
evening rise	54 Aug 03 j 00:08	16°♌38'03	
	54 Aug 10 j 18:18	0°♍	
desc. node	54 Aug 17 j 08:36	10°♍26'44	
	54 Aug 31 j 11:19	0°♎	
evening max el	54 Sep 07 j 20:15	8°♎13'05	25°33'57
retrograde	54 Sep 20 j 00:17	15°♎12'19	
evening set	54 Sep 26 j 00:22	12°♎40'39	
min. Earth dist.	54 Sep 30 j 09:19	7°♎50'33	0.66929 AU
inferior conj	54 Oct 01 j 12:58	6°♎21'43	-1°05'11
minimum elong	54 Oct 01 j 14:37	6°♎16'25	1°04'30
asc. node	54 Oct 04 j 17:06	2°♎33'23	
morning rise	54 Oct 07 j 05:03	0°♎24'55	
	54 Oct 07 j 22:24	30°℞♍	
direct	54 Oct 10 j 13:11	29°♍20'28	
	54 Oct 13 j 06:24	0°♎	
morning max el	54 Oct 17 j 16:42	3°♎23'10	19°21'08
	54 Nov 05 j 14:58	0°♏	
morning set	54 Nov 10 j 10:40	7°♏28'43	
desc. node	54 Nov 13 j 07:50	11°♏57'56	
max. Earth dist.	54 Nov 24 j 00:44	28°♏44'49	1.44612 AU
	54 Nov 24 j 19:45	0°♐	
superior conj	54 Nov 27 j 05:06	3°♐47'41	-1°23'17
minimum elong	54 Nov 26 j 20:46	3°♐14'31	1°22'26
evening rise	54 Dec 11 j 15:35	27°♐16'41	
	54 Dec 13 j 06:54	0°♑	
evening max el	54 Dec 31 j 01:06	26°♑44'38	18°27'14
asc. node	54 Dec 31 j 16:24	27°♑22'06	
	55 Jan 04 j 16:00	0°♒	
retrograde	55 Jan 06 j 14:14	0°♒20'12	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	55 Jan 08 j 12:05	30°℞♑		
evening set	55 Jan 09 j 14:43	29°♑30'01		
inferior conj	55 Jan 15 j 12:46	23°♑59'24	3°40'32	
minimum elong	55 Jan 15 j 10:58	24°♑04'37	3°40'20	
min. Earth dist.	55 Jan 17 j 16:23	21°♑30'03	0.64300 AU	
morning rise	55 Jan 21 j 06:42	17°♑54'12		
direct	55 Jan 28 j 04:04	15°♑03'15		
desc. node	55 Feb 09 j 07:01	21°♑29'26		
morning max el	55 Feb 10 j 17:08	22°♑51'52	27°25'34	
	55 Feb 17 j 01:25	0°♒		
	55 Mar 09 j 00:47	0°♓		
morning set	55 Mar 17 j 20:54	16°♓23'54		
max. Earth dist.	55 Mar 22 j 18:11	26°♓16'34	1.33539 AU	
	55 Mar 24 j 12:57	0°♈		
superior conj	55 Mar 25 j 20:39	2°♈47'30	-0°39'06	
minimum elong	55 Mar 25 j 22:32	2°♈57'31	0°38'43	
asc. node	55 Mar 29 j 15:44	10°♈53'53		
evening rise	55 Apr 02 j 02:06	18°♈11'17		
	55 Apr 07 j 23:03	0°♉		
evening max el	55 Apr 23 j 14:34	22°♉48'35	22°23'03	
retrograde	55 May 06 j 13:41	29°♉11'37		
desc. node	55 May 08 j 06:15	29°♉05'14		
evening set	55 May 09 j 12:21	28°♉52'32		
min. Earth dist.	55 May 17 j 21:53	25°♉15'39	0.55237 AU	
inferior conj	55 May 18 j 21:08	24°♉42'46	-2°53'11	
minimum elong	55 May 18 j 14:06	24°♉52'44	2°51'06	
morning rise	55 May 27 j 17:41	20°♉48'58		
direct	55 May 30 j 14:09	20°♉30'26		
morning max el	55 Jun 11 j 02:58	25°♉53'19	21°09'43	
	55 Jun 14 j 22:55	0°♊		
asc. node	55 Jun 25 j 14:59	16°♊47'40		
morning set	55 Jun 30 j 22:37	27°♊21'45		
	55 Jul 02 j 05:09	0°♋		
superior conj	55 Jul 08 j 08:58	12°♋50'57	1°40'34	
minimum elong	55 Jul 08 j 07:12	12°♋41'47	1°40'27	
max. Earth dist.	55 Jul 12 j 14:00	21°♋23'42	1.35424 AU	
evening rise	55 Jul 16 j 20:47	29°♋42'21		
	55 Jul 17 j 00:31	0°♌		
	55 Aug 03 j 21:38	0°♍		
desc. node	55 Aug 04 j 05:37	0°♍29'24		
evening max el	55 Aug 21 j 08:10	21°♍49'10	26°34'26	
retrograde	55 Sep 03 j 05:29	29°♍02'28		
evening set	55 Sep 09 j 19:16	26°♍19'52		
min. Earth dist.	55 Sep 13 j 20:44	22°♍06'55	0.66052 AU	
inferior conj	55 Sep 15 j 12:13	20°♍08'10	-2°01'23	
minimum elong	55 Sep 15 j 15:18	19°♍58'52	2°00'11	
morning rise	55 Sep 21 j 11:46	14°♍22'39		
asc. node	55 Sep 21 j 14:09	14°♍19'24		
direct	55 Sep 24 j 11:04	13°♍32'56		
morning max el	55 Oct 01 j 03:31	17°♍14'21	18°34'49	
	55 Oct 10 j 15:53	0°♎		
morning set	55 Oct 21 j 11:08	17°♎08'57		
	55 Oct 29 j 12:44	0°♏		
desc. node	55 Oct 31 j 04:53	2°♏38'49		
superior conj	55 Nov 06 j 06:21	12°♏11'48	-0°39'07	
minimum elong	55 Nov 06 j 01:15	11°♏51'47	0°38'27	
max. Earth dist.	55 Nov 06 j 19:09	13°♏02'08	1.45043 AU	
	55 Nov 17 j 13:45	0°♐		
evening rise	55 Nov 22 j 06:44	7°♐27'32		
greatest brilliancy	55 Nov 30 j 23:24	21°♐15'15	-0.8m	
	55 Dec 06 j 15:51	0°♑		
evening max el	55 Dec 14 j 11:18	10°♑11'10	19°02'37	
asc. node	55 Dec 18 j 13:25	13°♑23'39		
retrograde	55 Dec 21 j 09:06	14°♑07'06		

evening set	55 Dec 24 j 15:39	13°♑05'01		
inferior conj	55 Dec 30 j 07:20	7°♑17'35	3°16'56	
minimum elong	55 Dec 30 j 04:43	7°♑25'49	3°16'23	
min. Earth dist.	55 Dec 31 j 19:44	5°♑23'15	0.65704 AU	
morning rise	56 Jan 04 j 17:31	1°♑07'34		
	56 Jan 06 j 03:49	30°℞♐		
direct	56 Jan 11 j 05:33	28°♐17'24		
	56 Jan 16 j 20:35	0°♑		
morning max el	56 Jan 24 j 02:50	5°♑51'33	26°33'34	
desc. node	56 Jan 27 j 04:03	9°♑06'48		
	56 Feb 11 j 17:21	0°♒		
morning set	56 Feb 29 j 03:34	29°♒40'38		
	56 Feb 29 j 07:40	0°♓		
max. Earth dist.	56 Mar 04 j 08:28	7°♓49'10	1.34789 AU	
superior conj	56 Mar 08 j 20:15	16°♓54'28	-1°05'30	
minimum elong	56 Mar 08 j 23:21	17°♓10'23	1°04'58	
	56 Mar 15 j 02:57	0°♈		
asc. node	56 Mar 15 j 12:46	0°♈51'06		
evening rise	56 Mar 16 j 11:01	2°♈46'28		
	56 Apr 01 j 05:11	0°♉		
evening max el	56 Apr 04 j 14:43	3°♉43'54	20°55'28	
retrograde	56 Apr 16 j 02:49	9°♉18'02		
evening set	56 Apr 18 j 08:13	9°♉06'19		
desc. node	56 Apr 24 j 03:15	7°♉02'32		
inferior conj	56 Apr 27 j 15:12	5°♉08'11	-1°00'10	
minimum elong	56 Apr 27 j 12:21	5°♉12'14	0°59'09	
min. Earth dist.	56 Apr 28 j 10:44	4°♉40'27	0.55024 AU	
morning rise	56 May 06 j 16:09	1°♉02'05		
direct	56 May 10 j 00:21	0°♉37'59		
morning max el	56 May 23 j 00:47	6°♉52'54	22°44'53	
	56 Jun 08 j 05:46	0°♊		
asc. node	56 Jun 11 j 12:03	6°♊20'20		
morning set	56 Jun 14 j 09:17	12°♊15'39		
superior conj	56 Jun 21 j 12:59	27°♊29'20	1°28'36	
minimum elong	56 Jun 21 j 10:35	27°♊16'36	1°28'19	
	56 Jun 22 j 17:26	0°♋		
max. Earth dist.	56 Jun 24 j 09:28	3°♋29'45	1.34070 AU	
evening rise	56 Jun 29 j 07:44	13°♋29'14		
	56 Jul 08 j 06:04	0°♌		
desc. node	56 Jul 21 j 02:37	20°♌04'09		
	56 Jul 28 j 21:16	0°♍		
evening max el	56 Aug 02 j 19:57	5°♍14'23	27°13'44	
retrograde	56 Aug 16 j 05:12	12°♍33'28		
evening set	56 Aug 23 j 05:36	9°♍48'00		
min. Earth dist.	56 Aug 27 j 00:17	6°♍11'53	0.64809 AU	
inferior conj	56 Aug 29 j 04:44	3°♍47'11	-2°55'45	
minimum elong	56 Aug 29 j 09:01	3°♍35'21	2°54'19	
	56 Sep 01 j 22:55	30°℞♌		
morning rise	56 Sep 04 j 13:12	28°♌16'18		
direct	56 Sep 07 j 06:01	27°♌37'49		
asc. node	56 Sep 07 j 11:13	27°♌38'04		
	56 Sep 12 j 13:25	0°♍		
morning max el	56 Sep 13 j 18:15	1°♍06'58	18°05'15	
morning set	56 Oct 01 j 16:16	28°♍13'14		
	56 Oct 02 j 17:48	0°♎		
superior conj	56 Oct 15 j 13:07	20°♎57'26	0°10'08	
minimum elong	56 Oct 15 j 14:21	21°♎02'21	0°09'57	
behind sun begin	56 Oct 15 j 05:51	20°♎28'17		
behind sun end	56 Oct 15 j 22:52	21°♎36'22		
desc. node	56 Oct 17 j 01:55	23°♎24'15		
max. Earth dist.	56 Oct 19 j 14:02	27°♎22'42	1.44732 AU	
	56 Oct 21 j 05:55	0°♏		
evening rise	56 Nov 01 j 00:15	16°♏46'39		
	56 Nov 09 j 14:40	0°♐		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

greatest brilliancy	56 Nov	14 j	12:09	7°♐23'12	-0.7m	retrograde	57 Nov	18 j	04:08	12°♐07'45	
evening max el	56 Nov	26 j	17:12	23°♐38'57	19°54'06	asc. node	57 Nov	21 j	07:31	11°♐11'58	
retrograde	56 Dec	04 j	06:30	28°♐03'55		evening set	57 Nov	22 j	04:05	10°♐36'52	
asc. node	56 Dec	04 j	10:28	28°♐03'46		inferior conj	57 Nov	27 j	13:12	4°♐25'06	2°01'23
evening set	56 Dec	07 j	20:46	26°♐48'21		minimum elong	57 Nov	27 j	10:48	4°♐33'22	2°00'31
inferior conj	56 Dec	13 j	08:16	20°♐47'05	2°43'02	min. Earth dist.	57 Nov	27 j	23:47	3°♐48'48	0.67358 AU
minimum elong	56 Dec	13 j	05:29	20°♐56'19	2°42'13		57 Nov	30 j	22:52	30°℞♏	
min. Earth dist.	56 Dec	14 j	06:57	19°♐31'41	0.66714 AU	morning rise	57 Dec	02 j	17:19	28°♏11'30	
morning rise	56 Dec	18 j	14:00	14°♐34'14		direct	57 Dec	08 j	01:07	25°♏52'08	
direct	56 Dec	24 j	12:44	11°♐55'58			57 Dec	16 j	09:29	0°♐	
morning max el	57 Jan	05 j	11:51	19°♐02'50	25°19'44	morning max el	57 Dec	18 j	20:25	2°♐18'51	23°54'02
desc. node	57 Jan	13 j	01:06	27°♐43'29		desc. node	57 Dec	30 j	22:09	17°♐02'30	
	57 Jan	14 j	19:29	0°♑			58 Jan	08 j	22:00	0°♑	
	57 Feb	03 j	19:23	0°♒		morning set	58 Jan	23 j	09:55	23°♑18'20	
morning set	57 Feb	10 j	17:56	12°♒04'15			58 Jan	27 j	06:00	0°♒	
max. Earth dist.	57 Feb	14 j	11:17	18°♒55'29	1.36474 AU	max. Earth dist.	58 Jan	27 j	06:36	0°♒02'40	1.38492 AU
superior conj	57 Feb	20 j	11:00	0°♓29'55	-1°29'41	superior conj	58 Feb	03 j	13:15	13°♒24'22	-1°49'12
minimum elong	57 Feb	20 j	14:50	0°♓48'56	1°29'11	minimum elong	58 Feb	03 j	16:49	13°♒41'16	1°48'54
	57 Feb	20 j	04:58	0°♓			58 Feb	12 j	02:27	0°♓	
evening rise	57 Feb	28 j	15:26	17°♓01'53		evening rise	58 Feb	12 j	12:49	0°♓50'42	
asc. node	57 Mar	02 j	09:48	20°♓34'25		asc. node	58 Feb	17 j	06:51	9°♓58'27	
	57 Mar	07 j	08:15	0°♈		evening max el	58 Mar	01 j	00:08	27°♓25'37	18°52'00
evening max el	57 Mar	18 j	02:07	15°♈15'46	19°44'02		58 Mar	04 j	07:50	0°♈	
retrograde	57 Mar	27 j	21:06	19°♈57'47		retrograde	58 Mar	09 j	06:47	1°♈25'50	
evening set	57 Mar	29 j	23:48	19°♈45'37		evening set	58 Mar	11 j	13:53	1°♈08'36	
inferior conj	57 Apr	07 j	16:23	15°♈43'00	0°56'14		58 Mar	14 j	13:24	30°℞♓	
minimum elong	57 Apr	07 j	18:44	15°♈39'18	0°55'26	inferior conj	58 Mar	19 j	11:30	26°♓50'24	2°27'07
min. Earth dist.	57 Apr	10 j	01:00	14°♈14'46	0.55758 AU	minimum elong	58 Mar	19 j	15:50	26°♓42'31	2°25'57
desc. node	57 Apr	11 j	00:17	13°♈39'53		min. Earth dist.	58 Mar	22 j	17:30	24°♓30'22	0.57282 AU
morning rise	57 Apr	16 j	11:13	11°♈07'31		morning rise	58 Mar	27 j	14:45	21°♓42'01	
direct	57 Apr	20 j	17:20	10°♈27'12		desc. node	58 Mar	28 j	21:20	21°♓13'02	
morning max el	57 May	04 j	16:29	17°♈26'37	24°25'59	direct	58 Apr	02 j	00:08	20°♓31'45	
	57 May	14 j	22:26	0°♉		morning max el	58 Apr	16 j	07:45	27°♓59'48	25°58'34
asc. node	57 May	29 j	09:07	26°♉10'36			58 Apr	18 j	07:00	0°♈	
morning set	57 May	29 j	21:12	27°♉14'01			58 May	08 j	07:12	0°♉	
	57 May	31 j	04:31	0°♊		morning set	58 May	14 j	08:42	12°♉10'51	
						asc. node	58 May	16 j	06:09	16°♉12'32	
superior conj	57 Jun	05 j	21:35	12°♊21'28	1°11'58						
minimum elong	57 Jun	05 j	19:07	12°♊08'10	1°11'35	superior conj	58 May	21 j	08:38	27°♉19'53	0°51'38
max. Earth dist.	57 Jun	07 j	13:38	15°♊57'47	1.33106 AU	minimum elong	58 May	21 j	06:36	27°♉08'44	0°51'15
evening rise	57 Jun	13 j	04:58	27°♊47'08		max. Earth dist.	58 May	21 j	23:49	28°♉43'00	1.32531 AU
	57 Jun	14 j	07:20	0°♋			58 May	22 j	13:54	0°♊	
	57 Jul	01 j	11:52	0°♌		evening rise	58 May	28 j	09:16	12°♊25'37	
desc. node	57 Jul	07 j	23:38	8°♌59'23			58 Jun	06 j	11:00	0°♋	
evening max el	57 Jul	16 j	06:00	18°♌16'57	27°25'19	desc. node	58 Jun	24 j	20:40	26°♋57'57	
retrograde	57 Jul	29 j	23:08	25°♌36'30			58 Jun	27 j	17:46	0°♌	
evening set	57 Aug	06 j	04:07	23°♌00'00		evening max el	58 Jun	28 j	11:59	0°♌44'08	27°04'40
min. Earth dist.	57 Aug	09 j	18:20	19°♌55'51	0.63203 AU	retrograde	58 Jul	12 j	10:08	8°♌01'03	
inferior conj	57 Aug	12 j	11:51	17°♌13'14	-3°45'01	evening set	58 Jul	19 j	10:35	5°♌47'38	
minimum elong	57 Aug	12 j	16:40	17°♌01'16	3°43'48	min. Earth dist.	58 Jul	23 j	02:11	3°♌04'36	0.61300 AU
morning rise	57 Aug	19 j	06:24	12°♌00'08		inferior conj	58 Jul	26 j	06:19	0°♌17'45	-4°24'04
direct	57 Aug	21 j	19:11	11°♌29'42		minimum elong	58 Jul	26 j	10:19	0°♌08'57	4°23'28
asc. node	57 Aug	25 j	08:18	12°♌30'23			58 Jul	26 j	14:23	30°℞♋	
morning max el	57 Aug	28 j	10:06	14°♌55'06	17°53'18	morning rise	58 Aug	02 j	11:42	25°♋25'10	
	57 Sep	07 j	21:43	0°♍		direct	58 Aug	04 j	22:56	25°♋00'09	
morning set	57 Sep	13 j	21:57	10°♍28'18		morning max el	58 Aug	11 j	23:59	28°♋30'22	17°59'56
	57 Sep	25 j	06:15	0°♎		asc. node	58 Aug	12 j	05:22	28°♋43'40	
							58 Aug	13 j	09:56	0°♌	
superior conj	57 Sep	25 j	19:04	0°♎53'29	0°52'37	morning set	58 Aug	27 j	22:02	23°♌35'53	
minimum elong	57 Sep	25 j	23:47	1°♎13'08	0°52'01		58 Aug	31 j	09:40	0°♍	
max. Earth dist.	57 Oct	02 j	06:03	11°♎27'36	1.43731 AU						
desc. node	57 Oct	03 j	22:58	14°♎11'28		superior conj	58 Sep	07 j	04:17	12°♍09'31	1°22'45
evening rise	57 Oct	11 j	07:18	25°♎43'27		minimum elong	58 Sep	07 j	08:48	12°♍29'22	1°22'18
	57 Oct	14 j	02:00	0°♏		max. Earth dist.	58 Sep	14 j	17:03	25°♍00'25	1.42173 AU
	57 Nov	03 j	17:23	0°♐			58 Sep	17 j	18:07	0°♎	
evening max el	57 Nov	09 j	17:37	7°♐07'29	20°59'11	evening rise	58 Sep	20 j	21:40	5°♎03'12	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	58 Sep 20 j 20:00	4°♎56'37		
	58 Oct 07 j 10:07	0°♏		
evening max el	58 Oct 23 j 12:24	20°♏36'55	22°14'17	
retrograde	58 Nov 02 j 00:02	26°♏15'19		
evening set	58 Nov 06 j 11:47	24°♏27'23		
asc. node	58 Nov 08 j 04:34	22°♏49'44		
inferior conj	58 Nov 11 j 20:05	18°♏08'47	1°13'52	
minimum elong	58 Nov 11 j 18:27	18°♏14'25	1°13'11	
min. Earth dist.	58 Nov 11 j 19:43	18°♏10'03	0.67656 AU	
morning rise	58 Nov 17 j 00:57	11°♏56'41		
direct	58 Nov 21 j 17:43	9°♏59'32		
morning max el	58 Dec 01 j 07:13	15°♏39'14	22°26'28	
	58 Dec 12 j 22:40	0°♐		
desc. node	58 Dec 17 j 19:13	6°♐51'38		
	59 Jan 01 j 23:02	0°♑		
morning set	59 Jan 03 j 21:47	3°♑09'04		
max. Earth dist.	59 Jan 09 j 02:52	11°♑48'23	1.40617 AU	
superior conj	59 Jan 16 j 22:21	25°♑26'21	-2°00'40	
minimum elong	59 Jan 16 j 23:55	25°♑33'23	2°00'38	
	59 Jan 19 j 10:41	0°♒		
evening rise	59 Jan 27 j 00:05	14°♒05'33		
asc. node	59 Feb 04 j 03:53	28°♒56'39		
	59 Feb 04 j 19:02	0°♓		
evening max el	59 Feb 12 j 06:06	10°♓06'24	18°20'01	
retrograde	59 Feb 19 j 11:21	13°♓41'11		
evening set	59 Feb 21 j 23:48	13°♓16'10		
inferior conj	59 Mar 01 j 03:41	8°♓37'21	3°22'46	
minimum elong	59 Mar 01 j 06:55	8°♓30'32	3°22'14	
min. Earth dist.	59 Mar 04 j 13:55	5°♓45'12	0.59270 AU	
morning rise	59 Mar 08 j 11:41	3°♓03'21		
direct	59 Mar 14 j 19:58	1°♓15'32		
desc. node	59 Mar 15 j 18:22	1°♓17'49		
morning max el	59 Mar 29 j 03:28	8°♓58'25	27°07'56	
	59 Apr 14 j 04:17	0°♈		
morning set	59 Apr 28 j 18:09	27°♈00'32		
	59 Apr 30 j 04:16	0°♉		
asc. node	59 May 03 j 03:12	6°♉21'32		
superior conj	59 May 05 j 20:26	12°♉18'35	0°28'26	
minimum elong	59 May 05 j 19:12	12°♉11'48	0°28'11	
max. Earth dist.	59 May 05 j 12:36	11°♉35'38	1.32325 AU	
evening rise	59 May 12 j 18:07	27°♉16'25		
	59 May 14 j 01:28	0°♊		
	59 May 31 j 02:35	0°♋		
evening max el	59 Jun 10 j 11:44	12°♋27'30	26°11'20	
desc. node	59 Jun 11 j 17:40	13°♋36'19		
retrograde	59 Jun 24 j 12:28	19°♋40'18		
evening set	59 Jun 30 j 20:25	18°♋01'54		
min. Earth dist.	59 Jul 05 j 00:36	15°♋23'51	0.59252 AU	
inferior conj	59 Jul 08 j 08:33	12°♋51'40	-4°44'46	
minimum elong	59 Jul 08 j 09:42	12°♋49'27	4°44'43	
morning rise	59 Jul 16 j 01:10	8°♋21'25		
direct	59 Jul 18 j 13:08	7°♋59'52		
morning max el	59 Jul 26 j 08:52	11°♋44'50	18°26'20	
asc. node	59 Jul 30 j 02:26	16°♋02'58		
	59 Aug 07 j 13:55	0°♌		
morning set	59 Aug 11 j 11:19	7°♌22'15		
superior conj	59 Aug 20 j 13:00	24°♌35'24	1°40'13	
minimum elong	59 Aug 20 j 15:36	24°♌47'26	1°40'04	
	59 Aug 23 j 12:06	0°♍		
max. Earth dist.	59 Aug 27 j 23:03	7°♍52'23	1.40261 AU	
evening rise	59 Sep 01 j 09:09	15°♍22'13		
desc. node	59 Sep 07 j 17:02	25°♍36'08		
	59 Sep 10 j 12:56	0°♎		
	59 Oct 02 j 06:56	0°♏		

evening max el	59 Oct 06 j 02:43	4°♏08'41	23°34'14	
retrograde	59 Oct 16 j 16:55	10°♏23'47		
evening set	59 Oct 21 j 18:12	8°♏17'49		
asc. node	59 Oct 26 j 01:37	3°♏22'42		
min. Earth dist.	59 Oct 26 j 16:16	2°♏32'59	0.67628 AU	
inferior conj	59 Oct 27 j 03:05	1°♏56'02	0°21'56	
minimum elong	59 Oct 27 j 02:34	1°♏57'49	0°21'42	
	59 Oct 28 j 13:32	30°℞♎		
morning rise	59 Nov 01 j 10:51	25°♎47'58		
direct	59 Nov 05 j 13:32	24°♎13'10		
morning max el	59 Nov 13 j 23:52	29°♎08'15	21°05'02	
	59 Nov 14 j 19:49	0°♏		
desc. node	59 Dec 04 j 16:16	27°♏02'13		
	59 Dec 06 j 15:26	0°♐		
morning set	59 Dec 14 j 06:06	11°♐43'18		
max. Earth dist.	59 Dec 22 j 06:17	24°♐31'23	1.42555 AU	
	59 Dec 25 j 14:01	0°♑		
superior conj	59 Dec 29 j 08:46	6°♑22'04	-1°59'44	
minimum elong	59 Dec 29 j 06:12	6°♑11'04	1°59'40	
evening rise	60 Jan 09 j 21:26	26°♑37'53		
	60 Jan 11 j 18:26	0°♒		
asc. node	60 Jan 22 j 00:55	17°♒20'11		
evening max el	60 Jan 26 j 16:45	23°♒08'11	18°07'45	
retrograde	60 Feb 02 j 08:14	26°♒33'20		
evening set	60 Feb 05 j 01:16	25°♒59'16		
inferior conj	60 Feb 11 j 14:52	20°♒59'03	3°47'13	
minimum elong	60 Feb 11 j 15:51	20°♒56'38	3°47'09	
min. Earth dist.	60 Feb 14 j 17:06	17°♒59'31	0.61373 AU	
morning rise	60 Feb 18 j 05:00	15°♒08'04		
direct	60 Feb 25 j 02:08	12°♒46'04		
desc. node	60 Mar 01 j 15:24	14°♒08'53		
morning max el	60 Mar 10 j 05:34	20°♒36'23	27°43'40	
	60 Mar 18 j 08:22	0°♓		
	60 Apr 06 j 02:14	0°♈		
morning set	60 Apr 11 j 23:34	11°♈35'22		
max. Earth dist.	60 Apr 18 j 00:02	24°♈20'45	1.32485 AU	
superior conj	60 Apr 19 j 07:12	27°♈10'27	0°03'06	
minimum elong	60 Apr 19 j 07:04	27°♈09'39	0°03'04	
behind sun begin	60 Apr 19 j 02:03	26°♈42'21		
behind sun end	60 Apr 19 j 12:04	27°♈36'59		
asc. node	60 Apr 19 j 00:13	26°♈32'21		
	60 Apr 20 j 14:14	0°♉		
evening rise	60 Apr 26 j 05:20	12°♉10'52		
	60 May 05 j 07:05	0°♊		
evening max el	60 May 22 j 04:46	23°♊27'09	24°51'24	
desc. node	60 May 28 j 14:39	28°♊22'11		
	60 Jun 01 j 10:22	0°♋		
retrograde	60 Jun 05 j 04:07	0°♋32'27		
	60 Jun 08 j 22:13	30°℞♊		
evening set	60 Jun 10 j 07:04	29°♊32'43		
min. Earth dist.	60 Jun 15 j 16:14	26°♊42'19	0.57300 AU	
inferior conj	60 Jun 18 j 15:20	24°♊45'02	-4°35'23	
minimum elong	60 Jun 18 j 11:52	24°♊50'47	4°35'02	
morning rise	60 Jun 26 j 19:25	20°♊36'12		
direct	60 Jun 29 j 09:28	20°♊17'04		
morning max el	60 Jul 08 j 09:49	24°♊29'13	19°13'38	
	60 Jul 13 j 03:35	0°♋		
asc. node	60 Jul 15 j 23:28	4°♋13'37		
morning set	60 Jul 25 j 09:56	21°♋36'51		
	60 Jul 29 j 14:55	0°♌		
superior conj	60 Aug 02 j 15:33	7°♌55'24	1°46'52	
minimum elong	60 Aug 02 j 16:03	7°♌57'49	1°46'52	
max. Earth dist.	60 Aug 09 j 02:17	20°♌04'17	1.38240 AU	
evening rise	60 Aug 12 j 21:25	26°♌51'27		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	60 Aug 14 j 16:55	0°♍	
desc. node	60 Aug 24 j 14:02	16°♍05'49	
	60 Sep 03 j 01:27	0°♎	
evening max el	60 Sep 17 j 14:33	17°♎43'33	24°52'34
retrograde	60 Sep 29 j 05:49	24°♎29'35	
evening set	60 Oct 04 j 21:41	22°♎06'15	
min. Earth dist.	60 Oct 09 j 11:07	16°♎55'50	0.67275 AU
inferior conj	60 Oct 10 j 08:31	15°♎45'08	-0°32'55
minimum elong	60 Oct 10 j 09:20	15°♎42'26	0°32'33
asc. node	60 Oct 11 j 22:40	13°♎41'34	
morning rise	60 Oct 15 j 21:05	9°♎43'38	
direct	60 Oct 19 j 11:20	8°♎29'10	
morning max el	60 Oct 27 j 00:15	12°♎48'06	19°55'03
	60 Nov 09 j 00:54	0°♏	
desc. node	60 Nov 20 j 13:18	17°♏28'12	
morning set	60 Nov 22 j 02:34	19°♏51'59	
	60 Nov 28 j 14:47	0°♐	
max. Earth dist.	60 Dec 03 j 17:17	8°♐04'12	1.44034 AU
superior conj	60 Dec 08 j 16:30	16°♐03'43	-1°41'58
minimum elong	60 Dec 08 j 09:15	15°♐34'17	1°41'24
	60 Dec 17 j 02:47	0°♑	
evening rise	60 Dec 22 j 00:37	8°♑19'56	
	61 Jan 04 j 03:31	0°♒	
asc. node	61 Jan 07 j 21:56	4°♒59'00	
evening max el	61 Jan 09 j 05:13	6°♒23'50	18°14'45
retrograde	61 Jan 15 j 16:54	9°♒52'40	
evening set	61 Jan 18 j 14:23	9°♒08'44	
inferior conj	61 Jan 24 j 17:13	3°♒48'32	3°48'05
minimum elong	61 Jan 24 j 16:14	3°♒51'13	3°48'02
min. Earth dist.	61 Jan 27 j 05:37	1°♒03'29	0.63316 AU
	61 Jan 28 j 06:13	30°℞♑	
morning rise	61 Jan 30 j 17:18	27°♑47'02	
direct	61 Feb 06 j 16:55	25°♑02'25	
desc. node	61 Feb 16 j 12:27	29°♑18'32	
	61 Feb 17 j 08:50	0°♒	
morning max el	61 Feb 20 j 12:50	2°♒54'31	27°42'15
	61 Mar 12 j 17:18	0°♓	
morning set	61 Mar 26 j 22:42	25°♓47'56	
	61 Mar 29 j 00:28	0°♈	
max. Earth dist.	61 Apr 01 j 06:04	6°♈44'37	1.33033 AU
superior conj	61 Apr 03 j 15:16	11°♈49'57	-0°23'34
minimum elong	61 Apr 03 j 16:24	11°♈56'02	0°23'20
asc. node	61 Apr 05 j 21:15	16°♈41'07	
evening rise	61 Apr 10 j 17:07	27°♈02'38	
	61 Apr 12 j 03:00	0°♉	
	61 Apr 30 j 01:28	0°♊	
evening max el	61 May 03 j 19:08	4°♊01'59	23°17'26
desc. node	61 May 15 j 11:40	10°♊39'16	
retrograde	61 May 17 j 07:45	10°♊46'56	
evening set	61 May 20 j 23:36	10°♊17'30	
min. Earth dist.	61 May 28 j 05:04	7°♊00'49	0.55779 AU
inferior conj	61 May 30 j 02:16	5°♊54'18	-3°43'39
minimum elong	61 May 29 j 19:11	6°♊04'45	3°42'01
morning rise	61 Jun 07 j 17:30	1°♊59'21	
direct	61 Jun 10 j 10:29	1°♊41'33	
morning max el	61 Jun 21 j 00:30	6°♊35'18	20°21'51
asc. node	61 Jul 02 j 20:31	23°♊03'37	
	61 Jul 06 j 12:47	0°♋	
morning set	61 Jul 09 j 14:57	6°♋11'49	
superior conj	61 Jul 17 j 06:56	21°♋54'58	1°44'53
minimum elong	61 Jul 17 j 05:48	21°♋49'14	1°44'50
	61 Jul 21 j 08:30	0°♌	
max. Earth dist.	61 Jul 22 j 07:59	1°♌53'50	1.36361 AU
evening rise	61 Jul 26 j 07:38	9°♌24'38	

	61 Aug 07 j 08:31	0°♍	
desc. node	61 Aug 11 j 11:02	6°♍20'10	
	61 Aug 29 j 18:02	0°♎	
evening max el	61 Aug 31 j 01:58	1°♎19'57	26°01'50
retrograde	61 Sep 12 j 14:10	8°♎27'09	
evening set	61 Sep 18 j 20:21	5°♎49'45	
min. Earth dist.	61 Sep 23 j 01:55	1°♎15'32	0.66592 AU
inferior conj	61 Sep 24 j 10:34	29°♍33'14	-1°29'10
minimum elong	61 Sep 24 j 12:51	29°♍26'08	1°28'13
	61 Sep 24 j 02:03	30°℞♍	
asc. node	61 Sep 28 j 19:43	24°♍42'53	
morning rise	61 Sep 30 j 05:40	23°♍41'06	
direct	61 Oct 03 j 09:40	22°♍43'33	
morning max el	61 Oct 10 j 07:48	26°♍36'15	18°59'30
	61 Oct 13 j 07:23	0°♎	
morning set	61 Nov 01 j 11:49	28°♎44'55	
	61 Nov 02 j 06:55	0°♏	
desc. node	61 Nov 07 j 10:20	8°♏04'23	
max. Earth dist.	61 Nov 16 j 09:19	22°♏08'25	1.44876 AU
superior conj	61 Nov 18 j 00:41	24°♏43'29	-1°06'00
minimum elong	61 Nov 17 j 16:57	24°♏13'00	1°05'05
	61 Nov 21 j 08:43	0°♐	
evening rise	61 Dec 03 j 05:27	19°♐03'54	
	61 Dec 09 j 22:35	0°♑	
evening max el	61 Dec 23 j 16:53	19°♑47'09	18°40'13
asc. node	61 Dec 25 j 18:59	21°♑39'55	
retrograde	61 Dec 30 j 09:01	23°♑30'37	
evening set	62 Jan 02 j 11:47	22°♑35'43	
inferior conj	62 Jan 08 j 06:51	16°♑57'40	3°32'00
minimum elong	62 Jan 08 j 04:36	17°♑04'24	3°31'39
min. Earth dist.	62 Jan 10 j 03:56	14°♑42'04	0.64939 AU
morning rise	62 Jan 13 j 21:00	10°♑49'51	
direct	62 Jan 20 j 14:59	7°♑57'26	
morning max el	62 Feb 02 j 22:24	15°♑42'21	27°06'42
desc. node	62 Feb 03 j 09:30	16°♑10'26	
	62 Feb 14 j 17:36	0°♒	
	62 Mar 05 j 11:12	0°♓	
morning set	62 Mar 10 j 12:31	9°♓28'40	
max. Earth dist.	62 Mar 15 j 02:44	18°♓36'03	1.34010 AU
superior conj	62 Mar 18 j 18:40	26°♓10'59	-0°50'27
minimum elong	62 Mar 18 j 21:05	26°♓23'43	0°49'59
	62 Mar 20 j 14:07	0°♈	
asc. node	62 Mar 23 j 18:18	6°♈43'52	
evening rise	62 Mar 26 j 03:37	11°♈45'35	
	62 Apr 04 j 15:10	0°♉	
evening max el	62 Apr 15 j 14:09	14°♉43'15	21°44'15
retrograde	62 Apr 28 j 00:21	20°♉47'14	
evening set	62 Apr 30 j 13:13	20°♉32'47	
desc. node	62 May 02 j 08:41	20°♉05'51	
inferior conj	62 May 09 j 23:11	16°♉29'52	-2°07'59
minimum elong	62 May 09 j 17:25	16°♉37'57	2°06'05
min. Earth dist.	62 May 09 j 17:59	16°♉37'09	0.55024 AU
morning rise	62 May 18 j 22:35	12°♉32'57	
direct	62 May 21 j 22:38	12°♉13'04	
morning max el	62 Jun 03 j 04:09	17°♉58'56	21°48'42
	62 Jun 12 j 17:27	0°♊	
asc. node	62 Jun 19 j 17:34	12°♊23'22	
morning set	62 Jun 24 j 00:10	21°♊01'02	
	62 Jun 28 j 06:38	0°♋	
superior conj	62 Jul 01 j 07:17	6°♋22'41	1°36'08
minimum elong	62 Jul 01 j 05:10	6°♋11'37	1°35'57
max. Earth dist.	62 Jul 04 j 21:47	13°♋49'04	1.34798 AU
evening rise	62 Jul 09 j 11:01	22°♋49'32	
	62 Jul 13 j 06:46	0°♌	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	62 Jul 29 j 08:03	26°♌12'26	
	62 Aug 01 j 00:47	0°♍	
evening max el	62 Aug 13 j 13:57	14°♍52'57	26°54'11
retrograde	62 Aug 26 j 17:19	22°♍10'17	
evening set	62 Sep 02 j 11:59	19°♍25'19	
min. Earth dist.	62 Sep 06 j 10:24	15°♍28'04	0.65565 AU
inferior conj	62 Sep 08 j 07:17	13°♍17'29	-2°24'52
minimum elong	62 Sep 08 j 10:56	13°♍06'52	2°23'31
morning rise	62 Sep 14 j 10:28	7°♍37'39	
asc. node	62 Sep 15 j 16:47	7°♍07'00	
direct	62 Sep 17 j 06:36	6°♍53'16	
morning max el	62 Sep 23 j 20:36	10°♍28'48	18°20'04
	62 Oct 07 j 11:42	0°♎	
morning set	62 Oct 13 j 00:33	9°♎01'08	
desc. node	62 Oct 25 j 07:22	28°♎47'22	
	62 Oct 26 j 01:41	0°♏	
superior conj	62 Oct 28 j 01:29	3°♏08'58	-0°18'04
minimum elong	62 Oct 27 j 23:07	2°♏59'37	0°17'45
max. Earth dist.	62 Oct 30 j 03:45	6°♏27'00	1.44999 AU
evening rise	62 Nov 13 j 10:35	28°♏49'49	
	62 Nov 14 j 04:30	0°♐	
greatest brilliancy	62 Nov 24 j 11:40	16°♐02'35	-0.8m
	62 Dec 04 j 05:44	0°♑	
evening max el	62 Dec 07 j 01:29	3°♑14'13	19°22'47
asc. node	62 Dec 12 j 16:03	7°♑08'11	
retrograde	62 Dec 14 j 05:10	7°♑21'30	
evening set	62 Dec 17 j 14:45	6°♑14'02	
inferior conj	62 Dec 23 j 04:26	0°♑20'37	3°03'38
minimum elong	62 Dec 23 j 01:40	0°♑29'32	3°02'57
	62 Dec 23 j 10:48	30°℞♐	
min. Earth dist.	62 Dec 24 j 10:54	28°♐42'21	0.66181 AU
morning rise	62 Dec 28 j 12:20	24°♐09'09	
direct	63 Jan 03 j 19:11	21°♐22'33	
morning max el	63 Jan 16 j 07:43	28°♐47'05	26°04'11
	63 Jan 17 j 11:59	0°♑	
desc. node	63 Jan 21 j 06:33	4°♑15'07	
	63 Feb 08 j 12:49	0°♒	
morning set	63 Feb 21 j 12:56	22°♒24'33	
max. Earth dist.	63 Feb 25 j 11:34	29°♒53'17	1.35449 AU
	63 Feb 25 j 12:57	0°♓	
superior conj	63 Mar 02 j 14:55	10°♓05'43	-1°16'10
minimum elong	63 Mar 02 j 18:24	10°♓23'25	1°15'37
evening rise	63 Mar 10 j 10:54	26°♓12'56	
asc. node	63 Mar 10 j 15:21	26°♓35'43	
	63 Mar 12 j 07:36	0°♈	
evening max el	63 Mar 28 j 19:09	25°♈53'57	20°22'57
	63 Apr 03 j 14:57	0°♉	
retrograde	63 Apr 08 j 13:41	1°♉04'47	
evening set	63 Apr 10 j 16:34	0°♉53'36	
	63 Apr 13 j 19:34	30°℞♈	
desc. node	63 Apr 19 j 05:44	27°♈14'37	
inferior conj	63 Apr 19 j 18:35	26°♈55'51	-0°09'13
minimum elong	63 Apr 19 j 18:10	26°♈56'29	0°09'04
transit middle	63 Apr 19 j 18:10	26°♈56'29	0°09'04
transit begin	63 Apr 19 j 14:50	27°♈01'20	
transit end	63 Apr 19 j 21:29	26°♈51'37	
min. Earth dist.	63 Apr 21 j 07:34	26°♈01'48	0.55224 AU
morning rise	63 Apr 28 j 18:17	22°♈38'35	
direct	63 May 02 j 10:55	22°♈08'56	
morning max el	63 May 15 j 22:36	28°♈44'42	23°27'48
	63 May 17 j 05:15	0°♉	
	63 Jun 05 j 14:10	0°♊	
asc. node	63 Jun 06 j 14:37	2°♊04'12	
morning set	63 Jun 08 j 11:36	5°♊57'34	
superior conj	63 Jun 15 j 13:33	21°♊07'54	1°22'03
minimum elong	63 Jun 15 j 11:04	20°♊54'34	1°21'43
max. Earth dist.	63 Jun 17 j 21:16	26°♊04'52	1.33618 AU
	63 Jun 19 j 18:07	0°♋	
evening rise	63 Jun 23 j 02:51	6°♋51'26	
	63 Jul 05 j 20:07	0°♌	
desc. node	63 Jul 16 j 05:05	15°♌32'03	
evening max el	63 Jul 27 j 01:30	28°♌10'57	27°22'23
	63 Jul 29 j 01:39	0°♍	
retrograde	63 Aug 09 j 14:37	5°♍30'10	
evening set	63 Aug 16 j 17:43	2°♍47'19	
	63 Aug 19 j 20:38	30°℞♌	
min. Earth dist.	63 Aug 20 j 10:15	29°♌25'20	0.64172 AU
inferior conj	63 Aug 22 j 20:11	26°♌52'04	-3°17'30
minimum elong	63 Aug 23 j 00:48	26°♌39'48	3°16'07
morning rise	63 Aug 29 j 08:47	21°♌28'00	
direct	63 Aug 31 j 23:38	20°♌53'13	
asc. node	63 Sep 02 j 13:50	21°♌06'14	
morning max el	63 Sep 07 j 12:05	24°♌19'51	17°57'52
	63 Sep 12 j 02:22	0°♍	
morning set	63 Sep 24 j 16:55	20°♍37'58	
	63 Sep 30 j 05:29	0°♎	
superior conj	63 Oct 07 j 16:42	12°♎20'23	0°29'29
minimum elong	63 Oct 07 j 19:56	12°♎33'31	0°29'02
desc. node	63 Oct 12 j 04:25	19°♎33'50	
max. Earth dist.	63 Oct 12 j 21:52	20°♎43'18	1.44391 AU
	63 Oct 18 j 19:15	0°♏	
evening rise	63 Oct 23 j 21:43	7°♏54'37	
	63 Nov 07 j 12:26	0°♐	
evening max el	63 Nov 20 j 05:15	16°♐42'47	20°20'24
retrograde	63 Nov 28 j 02:48	21°♐21'40	
asc. node	63 Nov 29 j 13:05	21°♐10'03	
evening set	63 Dec 01 j 21:01	19°♐59'44	
inferior conj	63 Dec 07 j 07:19	13°♐53'47	2°26'12
minimum elong	63 Dec 07 j 04:38	14°♐02'50	2°25'19
min. Earth dist.	63 Dec 08 j 00:41	12°♐55'10	0.67034 AU
morning rise	63 Dec 12 j 12:03	7°♐40'38	
direct	63 Dec 18 j 04:39	5°♐09'42	
morning max el	63 Dec 29 j 16:08	12°♐00'04	24°44'10
desc. node	64 Jan 08 j 03:37	23°♐11'29	
	64 Jan 13 j 03:20	0°♑	
	64 Feb 01 j 06:50	0°♒	
morning set	64 Feb 03 j 18:34	4°♒20'34	
max. Earth dist.	64 Feb 07 j 10:28	10°♒56'08	1.37301 AU
superior conj	64 Feb 14 j 00:55	23°♒25'29	-1°38'43
minimum elong	64 Feb 14 j 04:48	23°♒44'24	1°38'16
	64 Feb 17 j 09:01	0°♓	
evening rise	64 Feb 22 j 12:41	10°♓18'14	
asc. node	64 Feb 25 j 12:25	16°♓11'52	
	64 Mar 04 j 07:57	0°♈	
evening max el	64 Mar 10 j 11:21	7°♈42'43	19°19'29
retrograde	64 Mar 19 j 13:29	12°♈05'01	
evening set	64 Mar 21 j 17:55	11°♈50'59	
inferior conj	64 Mar 30 j 02:30	7°♈42'30	1°38'53
minimum elong	64 Mar 30 j 06:11	7°♈36'23	1°37'43
min. Earth dist.	64 Apr 01 j 22:20	5°♈50'50	0.56329 AU
desc. node	64 Apr 05 j 02:46	3°♈59'29	
morning rise	64 Apr 07 j 15:40	2°♈53'06	
direct	64 Apr 12 j 09:25	2°♈01'40	
morning max el	64 Apr 26 j 13:15	9°♈14'17	25°07'15
	64 May 12 j 01:16	0°♉	
morning set	64 May 22 j 23:34	20°♉56'06	
asc. node	64 May 23 j 11:41	22°♉00'07	
	64 May 27 j 04:49	0°♊	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	64 May 29 j 23:25	6°♊03'19	1°03'45
minimum elong	64 May 29 j 21:05	5°♊50'37	1°03'21
max. Earth dist.	64 May 31 j 04:39	8°♊42'22	1.32825 AU
evening rise	64 Jun 06 j 03:27	21°♊19'14	
	64 Jun 10 j 12:09	0°♋	
	64 Jun 28 j 21:14	0°♌	
desc. node	64 Jul 02 j 02:06	4°♌05'23	
evening max el	64 Jul 08 j 10:17	11°♌00'11	27°20'30
retrograde	64 Jul 22 j 05:23	18°♌17'47	
evening set	64 Jul 29 j 09:55	15°♌49'28	
min. Earth dist.	64 Aug 01 j 23:51	12°♌56'04	0.62434 AU
inferior conj	64 Aug 04 j 22:20	10°♌09'55	-4°03'12
minimum elong	64 Aug 05 j 03:01	9°♌58'51	4°02'13
morning rise	64 Aug 11 j 21:25	5°♌05'06	
direct	64 Aug 14 j 09:23	4°♌37'06	
asc. node	64 Aug 19 j 10:54	6°♌34'34	
morning max el	64 Aug 21 j 03:25	8°♌03'05	17°53'45
	64 Sep 04 j 11:03	0°♍	
morning set	64 Sep 06 j 07:08	3°♍17'24	
superior conj	64 Sep 17 j 10:21	22°♍50'39	1°07'01
minimum elong	64 Sep 17 j 15:20	23°♍11'51	1°06'27
	64 Sep 21 j 16:40	0°♎	
max. Earth dist.	64 Sep 24 j 12:33	4°♎38'35	1.43131 AU
desc. node	64 Sep 28 j 01:27	10°♎20'21	
evening rise	64 Oct 02 j 05:42	16°♎55'33	
	64 Oct 10 j 18:59	0°♏	
	64 Nov 01 j 22:46	0°♐	
evening max el	64 Nov 02 j 03:11	0°♐11'20	21°30'10
retrograde	64 Nov 10 j 23:50	5°♐27'26	
evening set	64 Nov 15 j 04:41	3°♐49'13	
asc. node	64 Nov 15 j 10:08	3°♐38'12	
	64 Nov 18 j 18:06	30°℞♏	
inferior conj	64 Nov 20 j 13:15	27°♏34'02	1°41'49
minimum elong	64 Nov 20 j 11:08	27°♏41'21	1°41'01
min. Earth dist.	64 Nov 20 j 18:59	27°♏14'15	0.67526 AU
morning rise	64 Nov 25 j 17:26	21°♏21'00	
direct	64 Nov 30 j 18:44	19°♏11'09	
morning max el	64 Dec 11 j 01:18	25°♏17'44	23°16'35
	64 Dec 15 j 07:25	0°♐	
desc. node	64 Dec 25 j 00:39	12°♐44'11	
	65 Jan 05 j 16:07	0°♑	
morning set	65 Jan 14 j 23:02	14°♑59'31	
max. Earth dist.	65 Jan 19 j 05:42	22°♑17'39	1.39400 AU
	65 Jan 23 j 14:04	0°♒	
superior conj	65 Jan 26 j 20:24	5°♒58'26	-1°55'18
minimum elong	65 Jan 26 j 23:23	6°♒12'15	1°55'07
evening rise	65 Feb 05 j 06:08	23°♒53'15	
	65 Feb 08 j 10:54	0°♓	
asc. node	65 Feb 11 j 09:27	5°♓25'36	
evening max el	65 Feb 21 j 12:58	20°♓05'39	18°35'55
retrograde	65 Mar 01 j 07:30	23°♓53'27	
evening set	65 Mar 03 j 16:51	23°♓33'09	
inferior conj	65 Mar 11 j 06:32	19°♓06'09	2°54'58
minimum elong	65 Mar 11 j 10:40	18°♓58'08	2°54'02
min. Earth dist.	65 Mar 14 j 16:00	16°♓29'46	0.58087 AU
morning rise	65 Mar 19 j 01:40	13°♓45'35	
desc. node	65 Mar 22 j 23:48	12°♓29'15	
direct	65 Mar 24 j 21:31	12°♓20'02	
morning max el	65 Apr 08 j 06:07	19°♓55'33	26°31'49
	65 Apr 16 j 20:33	0°♈	
	65 May 04 j 14:13	0°♉	
morning set	65 May 07 j 10:25	5°♉50'40	
asc. node	65 May 10 j 08:44	12°♉05'34	
superior conj	65 May 14 j 10:58	21°♉02'19	0°42'07
minimum elong	65 May 14 j 09:14	20°♉52'47	0°41'46
max. Earth dist.	65 May 14 j 16:28	21°♉32'31	1.32397 AU
	65 May 18 j 13:32	0°♊	
evening rise	65 May 21 j 09:56	6°♊03'31	
	65 Jun 03 j 02:43	0°♋	
desc. node	65 Jun 18 j 23:05	21°♋33'18	
evening max el	65 Jun 20 j 13:38	23°♋08'51	26°45'41
	65 Jul 01 j 10:09	0°♌	
retrograde	65 Jul 04 j 12:56	0°♌24'29	
	65 Jul 07 j 14:22	30°℞♋	
evening set	65 Jul 11 j 08:12	28°♋24'23	
min. Earth dist.	65 Jul 15 j 03:13	25°♋46'02	0.60438 AU
inferior conj	65 Jul 18 j 10:21	23°♋02'40	-4°35'44
minimum elong	65 Jul 18 j 13:25	22°♋56'17	4°35'24
morning rise	65 Jul 25 j 20:31	18°♋19'50	
direct	65 Jul 28 j 07:53	17°♋56'28	
morning max el	65 Aug 04 j 15:38	21°♋31'15	18°08'43
asc. node	65 Aug 06 j 07:57	23°♋18'06	
	65 Aug 11 j 03:57	0°♌	
morning set	65 Aug 20 j 13:23	16°♌43'16	
	65 Aug 27 j 16:41	0°♍	
superior conj	65 Aug 30 j 06:20	4°♍39'14	1°31'37
minimum elong	65 Aug 30 j 10:08	4°♍56'18	1°31'18
max. Earth dist.	65 Sep 06 j 21:22	17°♍55'17	1.41386 AU
evening rise	65 Sep 12 j 03:58	26°♍37'44	
	65 Sep 14 j 06:24	0°♎	
desc. node	65 Sep 14 j 22:28	1°♎03'47	
	65 Oct 04 j 13:14	0°♏	
evening max el	65 Oct 15 j 19:42	13°♏41'16	22°47'57
retrograde	65 Oct 25 j 18:44	19°♏36'18	
evening set	65 Oct 30 j 12:03	17°♏40'35	
asc. node	65 Nov 02 j 07:09	14°♏44'16	
inferior conj	65 Nov 04 j 20:24	11°♏19'52	0°52'16
minimum elong	65 Nov 04 j 19:13	11°♏23'59	0°51'46
min. Earth dist.	65 Nov 04 j 15:30	11°♏36'48	0.67682 AU
morning rise	65 Nov 10 j 02:16	5°♏09'08	
direct	65 Nov 14 j 12:45	3°♏21'52	
morning max el	65 Nov 23 j 14:23	8°♏42'15	21°50'40
	65 Dec 10 j 01:00	0°♐	
desc. node	65 Dec 11 j 21:43	2°♐43'23	
morning set	65 Dec 25 j 22:22	24°♐14'46	
	65 Dec 29 j 11:48	0°♑	
max. Earth dist.	66 Jan 01 j 04:22	4°♑26'12	1.41482 AU
superior conj	66 Jan 08 j 20:25	17°♑33'01	-2°02'04
minimum elong	66 Jan 08 j 20:28	17°♑33'14	2°02'04
	66 Jan 15 j 18:44	0°♒	
evening rise	66 Jan 19 j 11:57	6°♒50'45	
asc. node	66 Jan 29 j 06:28	24°♒09'59	
	66 Feb 02 j 07:05	0°♓	
evening max el	66 Feb 04 j 21:11	2°♓55'39	18°12'24
retrograde	66 Feb 11 j 19:28	6°♓24'49	
evening set	66 Feb 14 j 09:47	5°♓56'13	
inferior conj	66 Feb 21 j 07:10	1°♓08'23	3°36'29
minimum elong	66 Feb 21 j 09:28	1°♓03'12	3°36'13
	66 Feb 22 j 13:22	30°℞♒	
min. Earth dist.	66 Feb 24 j 15:10	28°♒09'45	0.60165 AU
morning rise	66 Feb 28 j 07:07	25°♒25'50	
direct	66 Mar 06 j 22:05	23°♒22'15	
desc. node	66 Mar 09 j 20:50	23°♒45'31	
	66 Mar 19 j 23:14	0°♓	
morning max el	66 Mar 21 j 04:37	1°♓10'03	27°27'41
	66 Apr 10 j 23:50	0°♈	
morning set	66 Apr 21 j 18:22	20°♈34'41	
	66 Apr 26 j 04:48	0°♉	
asc. node	66 Apr 27 j 05:46	2°♉15'43	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

max. Earth dist.	66 Apr 28 j 04:58	4°♉22'29	1.32336 AU	
superior conj	66 Apr 28 j 22:31	5°♉58'37	0°17'54	
minimum elong	66 Apr 28 j 21:43	5°♉54'13	0°17'44	
evening rise	66 May 05 j 19:58	20°♉56'14		
	66 May 10 j 06:16	0°♊		
	66 May 29 j 04:04	0°♋		
evening max el	66 Jun 02 j 10:10	4°♋32'07	25°40'04	
desc. node	66 Jun 05 j 20:06	7°♋28'23		
retrograde	66 Jun 16 j 11:28	11°♋43'37		
evening set	66 Jun 22 j 08:17	10°♋21'49		
min. Earth dist.	66 Jun 26 j 22:27	7°♋40'25	0.58383 AU	
inferior conj	66 Jun 30 j 04:36	5°♋20'24	-4°45'19	
minimum elong	66 Jun 30 j 03:56	5°♋21'37	4°45'17	
morning rise	66 Jul 08 j 02:07	0°♋59'52		
direct	66 Jul 10 j 14:39	0°♋39'38		
morning max el	66 Jul 18 j 21:35	4°♋34'44	18°43'52	
asc. node	66 Jul 24 j 05:00	11°♋01'05		
	66 Aug 03 j 22:16	0°♌		
morning set	66 Aug 04 j 07:04	0°♌42'47		
superior conj	66 Aug 12 j 23:20	17°♌30'22	1°44'13	
minimum elong	66 Aug 13 j 01:01	17°♌38'18	1°44'09	
	66 Aug 19 j 19:02	0°♍		
max. Earth dist.	66 Aug 20 j 01:09	0°♍27'06	1.39397 AU	
evening rise	66 Aug 24 j 02:05	7°♍27'00		
desc. node	66 Sep 01 j 19:28	21°♍39'47		
	66 Sep 07 j 06:46	0°♎		
evening max el	66 Sep 28 j 08:38	27°♎14'16	24°08'08	
	66 Oct 01 j 09:17	0°♏		
retrograde	66 Oct 09 j 10:10	3°♏44'06		
evening set	66 Oct 14 j 17:26	1°♏30'43		
	66 Oct 16 j 06:45	30°℞♎		
min. Earth dist.	66 Oct 19 j 11:45	26°♎00'00	0.67517 AU	
inferior conj	66 Oct 20 j 02:58	25°♎08'31	-0°01'03	
minimum elong	66 Oct 20 j 03:00	25°♎08'27	0°01'03	
transit middle	66 Oct 20 j 03:00	25°♎08'27	0°01'03	
transit begin	66 Oct 20 j 00:16	25°♎17'39		
transit end	66 Oct 20 j 05:43	24°♎59'15		
asc. node	66 Oct 20 j 04:12	25°♎04'24		
morning rise	66 Oct 25 j 12:32	19°♎02'39		
direct	66 Oct 29 j 09:39	17°♎36'51		
morning max el	66 Nov 06 j 10:11	22°♎15'47	20°33'30	
	66 Nov 12 j 21:55	0°♏		
desc. node	66 Nov 28 j 18:46	23°♏01'14		
	66 Dec 03 j 08:08	0°♐		
morning set	66 Dec 04 j 22:44	2°♐29'25		
max. Earth dist.	66 Dec 14 j 10:32	17°♐29'55	1.43253 AU	
superior conj	66 Dec 20 j 19:46	27°♐57'51	-1°54'28	
minimum elong	66 Dec 20 j 15:02	27°♐38'10	1°54'13	
	66 Dec 22 j 00:59	0°♑		
evening rise	67 Jan 02 j 02:05	19°♑02'35		
	67 Jan 08 j 08:20	0°♒		
asc. node	67 Jan 16 j 03:29	12°♒16'13		
evening max el	67 Jan 19 j 09:02	16°♒04'48	18°08'29	
retrograde	67 Jan 25 j 21:45	19°♒29'48		
evening set	67 Jan 28 j 16:39	18°♒51'41		
inferior conj	67 Feb 04 j 01:17	13°♒43'06	3°50'00	
minimum elong	67 Feb 04 j 01:22	13°♒42'53	3°50'00	
min. Earth dist.	67 Feb 06 j 22:14	10°♒47'07	0.62232 AU	
morning rise	67 Feb 10 j 08:56	7°♒47'07		
direct	67 Feb 17 j 08:29	5°♒13'22		
desc. node	67 Feb 24 j 17:54	7°♒40'11		
morning max el	67 Mar 03 j 09:01	13°♒05'37	27°47'31	
	67 Mar 16 j 21:48	0°♓		
	67 Apr 03 j 09:07	0°♈		
morning set	67 Apr 05 j 21:26	5°♈01'21		
max. Earth dist.	67 Apr 11 j 14:24	16°♈59'37	1.32661 AU	
superior conj	67 Apr 13 j 08:23	20°♈46'34	-0°08'07	
minimum elong	67 Apr 13 j 08:46	20°♈48'38	0°08'02	
behind sun begin	67 Apr 13 j 04:18	20°♈24'22		
behind sun end	67 Apr 13 j 13:15	21°♈12'56		
asc. node	67 Apr 14 j 02:48	22°♈26'35		
	67 Apr 17 j 14:12	0°♉		
evening rise	67 Apr 20 j 07:40	5°♉50'43		
	67 May 03 j 03:56	0°♊		
evening max el	67 May 15 j 01:33	15°♊19'07	24°12'27	
desc. node	67 May 23 j 17:05	21°♊15'47		
retrograde	67 May 28 j 22:13	22°♊17'41		
evening set	67 Jun 02 j 09:58	21°♊32'50		
min. Earth dist.	67 Jun 08 j 12:48	18°♊32'35	0.56575 AU	
inferior conj	67 Jun 11 j 02:48	16°♊55'35	-4°19'12	
minimum elong	67 Jun 10 j 21:25	17°♊04'04	4°18'22	
morning rise	67 Jun 19 j 11:40	12°♊53'38		
direct	67 Jun 22 j 02:42	12°♊35'17		
morning max el	67 Jul 01 j 18:23	17°♊03'58	19°40'04	
asc. node	67 Jul 11 j 02:03	29°♊30'08		
	67 Jul 11 j 09:05	0°♋		
morning set	67 Jul 19 j 08:46	15°♋07'15		
	67 Jul 26 j 18:01	0°♌		
superior conj	67 Jul 27 j 07:55	1°♌08'52	1°46'57	
minimum elong	67 Jul 27 j 07:39	1°♌07'33	1°46'57	
max. Earth dist.	67 Aug 02 j 04:44	12°♌26'44	1.37418 AU	
evening rise	67 Aug 06 j 00:19	19°♌25'27		
	67 Aug 12 j 03:14	0°♍		
desc. node	67 Aug 19 j 16:27	12°♍03'45		
	67 Sep 01 j 09:25	0°♎		
evening max el	67 Sep 10 j 20:19	10°♎51'06	25°23'36	
retrograde	67 Sep 22 j 21:08	17°♎46'57		
evening set	67 Sep 28 j 19:06	15°♎17'24		
min. Earth dist.	67 Oct 03 j 05:16	10°♎21'56	0.67032 AU	
inferior conj	67 Oct 04 j 07:14	8°♎57'50	-0°56'41	
minimum elong	67 Oct 04 j 08:39	8°♎53'13	0°56'04	
asc. node	67 Oct 07 j 01:16	5°♎35'04		
morning rise	67 Oct 09 j 22:21	2°♎59'43		
direct	67 Oct 13 j 08:02	1°♎52'42		
morning max el	67 Oct 20 j 13:41	5°♎59'09	19°29'24	
	67 Nov 06 j 21:37	0°♏		
morning set	67 Nov 13 j 21:48	10°♏49'02		
desc. node	67 Nov 15 j 15:47	13°♏32'01		
	67 Nov 26 j 04:12	0°♐		
max. Earth dist.	67 Nov 27 j 00:06	1°♐18'45	1.44484 AU	
superior conj	67 Nov 30 j 16:25	7°♐10'05	-1°28'46	
minimum elong	67 Nov 30 j 08:10	6°♐37'06	1°27'58	
evening rise	67 Dec 14 j 20:08	0°♑20'22		
	67 Dec 14 j 15:16	0°♑		
evening max el	68 Jan 02 j 21:32	29°♑24'49	18°23'27	
asc. node	68 Jan 03 j 00:32	29°♑32'21		
	68 Jan 03 j 11:54	0°♒		
retrograde	68 Jan 09 j 09:59	2°♒58'14		
evening set	68 Jan 12 j 09:42	2°♒09'39		
	68 Jan 15 j 06:36	30°℞♑		
inferior conj	68 Jan 18 j 08:53	26°♑41'34	3°43'00	
minimum elong	68 Jan 18 j 07:16	26°♑46'10	3°42'50	
min. Earth dist.	68 Jan 20 j 14:45	24°♑07'54	0.64056 AU	
morning rise	68 Jan 24 j 04:17	20°♑37'20		
direct	68 Jan 31 j 02:29	17°♑47'39		
desc. node	68 Feb 11 j 14:58	23°♑37'33		
morning max el	68 Feb 13 j 17:24	25°♑37'10	27°30'57	
	68 Feb 17 j 18:35	0°♒		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	68 Mar 09 j 09:30	0°♓	
morning set	68 Mar 19 j 16:58	19°♓01'20	
max. Earth dist.	68 Mar 24 j 16:52	29°♓10'37	1.33397 AU
	68 Mar 25 j 02:20	0°♈	
superior conj	68 Mar 27 j 14:43	5°♈19'00	-0°35'01
minimum elong	68 Mar 27 j 16:24	5°♈28'00	0°34'40
asc. node	68 Mar 30 j 23:50	12°♈33'21	
evening rise	68 Apr 03 j 19:08	20°♈39'36	
	68 Apr 08 j 09:08	0°♉	
evening max el	68 Apr 25 j 17:03	25°♉52'47	22°36'55
	68 Apr 30 j 23:05	0°♊	
retrograde	68 May 08 j 20:02	2°♊21'59	
desc. node	68 May 09 j 14:08	2°♊20'43	
evening set	68 May 11 j 22:51	2°♊00'40	
	68 May 17 j 06:19	30°℞♉	
min. Earth dist.	68 May 20 j 01:12	28°♉29'30	0.55353 AU
inferior conj	68 May 21 j 06:31	27°♉47'45	-3°07'47
minimum elong	68 May 20 j 23:16	27°♉58'04	3°05'45
morning rise	68 May 30 j 01:49	23°♉54'18	
direct	68 Jun 01 j 21:19	23°♉36'03	
morning max el	68 Jun 13 j 04:08	28°♉50'56	20°56'49
	68 Jun 14 j 08:31	0°♊	
asc. node	68 Jun 26 j 23:07	18°♊33'40	
morning set	68 Jul 02 j 15:50	29°♊49'00	
	68 Jul 02 j 17:59	0°♋	
superior conj	68 Jul 10 j 03:30	15°♋21'18	1°41'53
minimum elong	68 Jul 10 j 01:53	15°♋12'57	1°41'48
max. Earth dist.	68 Jul 14 j 13:45	24°♋17'07	1.35654 AU
	68 Jul 17 j 12:25	0°♌	
evening rise	68 Jul 18 j 18:25	2°♌22'00	
	68 Aug 04 j 02:42	0°♍	
desc. node	68 Aug 05 j 13:28	2°♍09'51	
evening max el	68 Aug 23 j 08:08	24°♍27'47	26°26'36
	68 Aug 30 j 11:04	0°♎	
retrograde	68 Sep 05 j 03:10	1°♎39'42	
	68 Sep 10 j 06:14	30°℞♍	
evening set	68 Sep 11 j 15:06	28°♍58'11	
min. Earth dist.	68 Sep 15 j 17:36	24°♍39'50	0.66204 AU
inferior conj	68 Sep 17 j 07:19	22°♍45'10	-1°52'56
minimum elong	68 Sep 17 j 10:11	22°♍36'25	1°51'48
asc. node	68 Sep 22 j 22:20	17°♍08'49	
morning rise	68 Sep 23 j 05:40	16°♍57'57	
direct	68 Sep 26 j 06:08	16°♍06'19	
morning max el	68 Oct 02 j 23:48	19°♍50'12	18°40'42
	68 Oct 10 j 19:50	0°♎	
morning set	68 Oct 23 j 18:08	20°♎16'57	
	68 Oct 29 j 21:02	0°♏	
desc. node	68 Nov 01 j 12:48	4°♏11'53	
superior conj	68 Nov 08 j 18:50	15°♏36'36	-0°46'26
minimum elong	68 Nov 08 j 12:53	15°♏13'13	0°45'41
max. Earth dist.	68 Nov 08 j 18:15	15°♏34'19	1.45025 AU
	68 Nov 17 j 21:55	0°♐	
evening rise	68 Nov 24 j 14:53	10°♐40'03	
greatest brilliancy	68 Dec 02 j 06:28	22°♐53'17	-0.8m
	68 Dec 06 j 19:25	0°♑	
evening max el	68 Dec 16 j 08:10	12°♑50'34	18°56'16
asc. node	68 Dec 19 j 21:36	15°♑44'49	
retrograde	68 Dec 23 j 04:17	16°♑43'04	
evening set	68 Dec 26 j 09:49	15°♑42'52	
inferior conj	69 Jan 01 j 02:17	9°♑57'41	3°21'15
minimum elong	68 Dec 31 j 23:45	10°♑05'35	3°20'45
min. Earth dist.	69 Jan 02 j 16:53	7°♑57'44	0.65518 AU
morning rise	69 Jan 06 j 13:23	3°♑48'06	
direct	69 Jan 13 j 03:03	0°♑57'04	

morning max el	69 Jan 26 j 03:15	8°♑34'28	26°42'55
desc. node	69 Jan 28 j 12:01	11°♑03'53	
	69 Feb 11 j 22:04	0°♒	
	69 Mar 01 j 19:00	0°♓	
morning set	69 Mar 03 j 01:38	2°♓24'32	
max. Earth dist.	69 Mar 07 j 08:59	10°♓48'21	1.34575 AU
superior conj	69 Mar 11 j 15:23	19°♓29'36	-1°01'37
minimum elong	69 Mar 11 j 18:18	19°♓44'45	1°01'05
	69 Mar 16 j 15:51	0°♈	
asc. node	69 Mar 17 j 20:53	2°♈32'06	
evening rise	69 Mar 19 j 04:32	5°♈16'51	
	69 Apr 01 j 23:04	0°♉	
evening max el	69 Apr 07 j 15:40	6°♉43'24	21°07'34
retrograde	69 Apr 19 j 09:51	12°♉25'43	
evening set	69 Apr 21 j 16:37	12°♉13'35	
desc. node	69 Apr 26 j 11:12	10°♉39'26	
inferior conj	69 May 01 j 00:49	8°♉14'36	-1°18'21
minimum elong	69 Apr 30 j 21:08	8°♉19'49	1°17'02
min. Earth dist.	69 May 01 j 13:59	7°♉56'02	0.54992 AU
morning rise	69 May 10 j 01:41	4°♉11'31	
direct	69 May 13 j 07:23	3°♉48'52	
morning max el	69 May 26 j 03:24	9°♉56'23	22°30'07
	69 Jun 09 j 14:38	0°♊	
asc. node	69 Jun 13 j 20:09	8°♊02'59	
morning set	69 Jun 17 j 02:10	14°♊41'45	
superior conj	69 Jun 24 j 06:39	29°♊57'08	1°30'44
minimum elong	69 Jun 24 j 04:18	29°♊44'45	1°30'29
	69 Jun 24 j 07:11	0°♋	
max. Earth dist.	69 Jun 27 j 07:41	6°♋19'43	1.34242 AU
evening rise	69 Jul 02 j 03:31	16°♋03'21	
	69 Jul 09 j 15:32	0°♌	
desc. node	69 Jul 23 j 10:30	21°♌49'40	
	69 Jul 29 j 15:16	0°♍	
evening max el	69 Aug 05 j 19:56	7°♍55'08	27°09'32
retrograde	69 Aug 19 j 03:52	15°♍14'17	
evening set	69 Aug 26 j 02:55	12°♍28'28	
min. Earth dist.	69 Aug 29 j 22:28	8°♍47'05	0.65013 AU
inferior conj	69 Sep 01 j 00:59	6°♍25'43	-2°47'46
minimum elong	69 Sep 01 j 05:07	6°♍14'08	2°46'21
morning rise	69 Sep 07 j 08:03	0°♍52'31	
asc. node	69 Sep 09 j 19:24	0°♍13'02	
direct	69 Sep 10 j 01:38	0°♍12'40	
morning max el	69 Sep 16 j 14:09	3°♍43'17	18°08'34
	69 Oct 04 j 02:28	0°♎	
morning set	69 Oct 04 j 19:08	1°♎09'16	
superior conj	69 Oct 18 j 23:27	24°♎15'33	0°02'53
minimum elong	69 Oct 18 j 23:48	24°♎17'00	0°02'50
behind sun begin	69 Oct 18 j 13:07	23°♎34'23	
behind sun end	69 Oct 19 j 10:30	24°♎59'33	
desc. node	69 Oct 19 j 09:51	24°♎57'00	
max. Earth dist.	69 Oct 22 j 13:05	29°♎55'00	1.44824 AU
	69 Oct 22 j 14:21	0°♏	
evening rise	69 Nov 04 j 11:10	20°♏05'38	
	69 Nov 10 j 21:00	0°♐	
greatest brilliancy	69 Nov 17 j 09:45	9°♐56'52	-0.7m
evening max el	69 Nov 29 j 14:48	26°♐18'12	19°45'29
	69 Dec 04 j 09:13	0°♑	
asc. node	69 Dec 06 j 18:40	0°♑38'03	
retrograde	69 Dec 07 j 01:30	0°♑38'31	
	69 Dec 09 j 15:07	30°℞♐	
evening set	69 Dec 10 j 14:27	29°♐25'09	
inferior conj	69 Dec 16 j 02:27	23°♐25'47	2°48'43
minimum elong	69 Dec 15 j 23:39	23°♐35'00	2°47'56
min. Earth dist.	69 Dec 17 j 03:06	22°♐04'22	0.66591 AU

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morning rise	69 Dec 21 j 08:39	17°♐13'07	
direct	69 Dec 27 j 09:32	14°♐32'23	
morning max el	70 Jan 08 j 12:24	21°♐44'34	25°31'38
desc. node	70 Jan 15 j 09:04	29°♐32'48	
	70 Jan 15 j 17:45	0°♑	
	70 Feb 05 j 03:58	0°♒	
morning set	70 Feb 13 j 18:48	14°♒57'16	
max. Earth dist.	70 Feb 17 j 13:08	21°♒56'17	1.36193 AU
	70 Feb 21 j 17:16	0°♓	
superior conj	70 Feb 23 j 07:40	3°♓10'25	-1°26'17
minimum elong	70 Feb 23 j 11:26	3°♓29'15	1°25'45
evening rise	70 Mar 03 j 09:45	19°♓35'42	
asc. node	70 Mar 04 j 17:57	22°♓18'06	
	70 Mar 08 j 16:42	0°♈	
evening max el	70 Mar 21 j 01:27	18°♈10'09	19°53'33
retrograde	70 Mar 31 j 02:33	22°♈59'26	
evening set	70 Apr 02 j 04:56	22°♈47'44	
inferior conj	70 Apr 11 j 00:11	18°♈46'53	0°39'44
minimum elong	70 Apr 11 j 01:54	18°♈44'14	0°39'08
min. Earth dist.	70 Apr 13 j 04:13	17°♈27'16	0.55588 AU
desc. node	70 Apr 13 j 08:13	17°♈21'15	
morning rise	70 Apr 19 j 20:35	14°♈16'15	
direct	70 Apr 23 j 22:55	13°♈39'07	
morning max el	70 May 07 j 19:41	20°♈33'11	24°11'03
	70 May 15 j 21:13	0°♉	
asc. node	70 May 31 j 17:12	27°♉51'17	
morning set	70 Jun 01 j 14:01	29°♉40'13	
	70 Jun 01 j 17:46	0°♊	
superior conj	70 Jun 08 j 14:42	14°♊48'12	1°14'45
minimum elong	70 Jun 08 j 12:14	14°♊34'49	1°14'23
max. Earth dist.	70 Jun 10 j 10:39	18°♊44'47	1.33224 AU
evening rise	70 Jun 15 j 23:28	0°♋17'55	
	70 Jun 15 j 19:55	0°♋	
	70 Jul 02 j 15:47	0°♌	
desc. node	70 Jul 10 j 07:32	10°♌52'08	
evening max el	70 Jul 19 j 06:25	21°♌02'14	27°25'35
retrograde	70 Aug 01 j 22:44	28°♌22'02	
evening set	70 Aug 09 j 03:26	25°♌43'28	
min. Earth dist.	70 Aug 12 j 18:06	22°♌34'55	0.63463 AU
inferior conj	70 Aug 15 j 09:41	19°♌54'18	-3°38'06
minimum elong	70 Aug 15 j 14:29	19°♌42'08	3°36'49
morning rise	70 Aug 22 j 02:40	14°♌38'14	
direct	70 Aug 24 j 15:51	14°♌06'49	
asc. node	70 Aug 27 j 16:25	14°♌51'41	
morning max el	70 Aug 31 j 05:58	17°♌32'24	17°53'53
	70 Sep 09 j 04:38	0°♍	
morning set	70 Sep 16 j 21:32	13°♍14'54	
	70 Sep 26 j 15:50	0°♎	
superior conj	70 Sep 29 j 01:20	3°♎59'26	0°46'54
minimum elong	70 Sep 29 j 05:47	4°♎17'53	0°46'20
max. Earth dist.	70 Oct 05 j 05:26	14°♎02'23	1.43923 AU
desc. node	70 Oct 06 j 06:52	15°♎44'04	
evening rise	70 Oct 14 j 18:41	29°♎02'58	
	70 Oct 15 j 09:29	0°♏	
	70 Nov 04 j 16:52	0°♐	
evening max el	70 Nov 12 j 16:05	9°♐46'49	20°48'46
retrograde	70 Nov 20 j 23:07	14°♐41'23	
asc. node	70 Nov 23 j 15:42	14°♐00'22	
evening set	70 Nov 24 j 21:31	13°♐12'57	
inferior conj	70 Nov 30 j 06:54	7°♐02'41	2°08'06
minimum elong	70 Nov 30 j 04:24	7°♐11'13	2°07'14
min. Earth dist.	70 Nov 30 j 19:14	6°♐20'31	0.67289 AU
morning rise	70 Dec 05 j 11:05	0°♐49'04	
	70 Dec 06 j 11:22	30°℞♏	
direct	70 Dec 10 j 21:12	28°♏26'28	
	70 Dec 15 j 19:02	0°♐	
morning max el	70 Dec 21 j 20:45	4°♐59'37	24°07'06
desc. node	71 Jan 02 j 06:06	18°♐46'21	
	71 Jan 10 j 03:33	0°♑	
morning set	71 Jan 26 j 14:32	26°♑22'50	
	71 Jan 28 j 16:19	0°♒	
max. Earth dist.	71 Jan 30 j 08:57	3°♒00'27	1.38176 AU
superior conj	71 Feb 06 j 12:03	16°♒11'57	-1°46'41
minimum elong	71 Feb 06 j 15:46	16°♒29'38	1°46'21
	71 Feb 13 j 13:57	0°♓	
evening rise	71 Feb 15 j 08:21	3°♓29'00	
asc. node	71 Feb 19 j 15:00	11°♓45'38	
	71 Mar 03 j 15:57	0°♈	
evening max el	71 Mar 03 j 22:04	0°♈14'56	18°58'31
retrograde	71 Mar 12 j 09:22	4°♈20'13	
evening set	71 Mar 14 j 15:45	4°♈03'53	
	71 Mar 22 j 09:41	30°℞♓	
inferior conj	71 Mar 22 j 16:12	29°♓48'31	2°15'35
minimum elong	71 Mar 22 j 20:29	29°♓40'56	2°14'22
min. Earth dist.	71 Mar 25 j 20:13	27°♓35'15	0.57015 AU
morning rise	71 Mar 30 j 22:12	24°♓44'58	
desc. node	71 Mar 31 j 05:16	24°♓37'57	
direct	71 Apr 05 j 03:41	23°♓39'50	
	71 Apr 18 j 06:58	0°♈	
morning max el	71 Apr 19 j 10:31	1°♈04'22	25°45'56
	71 May 09 j 16:56	0°♉	
morning set	71 May 17 j 01:40	14°♉37'42	
asc. node	71 May 18 j 14:15	17°♉51'55	
superior conj	71 May 24 j 01:30	29°♉46'10	0°54'57
minimum elong	71 May 23 j 23:22	29°♉34'32	0°54'33
	71 May 24 j 04:01	0°♊	
max. Earth dist.	71 May 24 j 20:12	1°♊28'28	1.32595 AU
evening rise	71 May 31 j 02:52	14°♊54'06	
	71 Jun 07 j 20:19	0°♋	
desc. node	71 Jun 27 j 04:33	29°♋00'39	
	71 Jun 28 j 01:35	0°♌	
evening max el	71 Jul 01 j 13:16	3°♌35'51	27°09'51
retrograde	71 Jul 15 j 10:43	10°♌52'43	
evening set	71 Jul 22 j 12:32	8°♌35'08	
min. Earth dist.	71 Jul 26 j 03:27	5°♌49'47	0.61602 AU
inferior conj	71 Jul 29 j 06:14	3°♌02'39	-4°19'10
minimum elong	71 Jul 29 j 10:28	2°♌53'08	4°18'27
	71 Aug 01 j 22:20	30°℞♋	
morning rise	71 Aug 05 j 09:57	28°♋06'41	
direct	71 Aug 07 j 21:19	27°♋40'55	
	71 Aug 13 j 12:59	0°♌	
asc. node	71 Aug 14 j 13:27	0°♌53'31	
morning max el	71 Aug 14 j 20:16	1°♌09'50	17°57'40
morning set	71 Aug 30 j 19:12	26°♌15'43	
	71 Sep 01 j 20:19	0°♍	
superior conj	71 Sep 10 j 06:32	15°♍03'42	1°19'03
minimum elong	71 Sep 10 j 11:15	15°♍24'13	1°18'32
max. Earth dist.	71 Sep 17 j 17:27	27°♍41'38	1.42435 AU
	71 Sep 19 j 03:10	0°♎	
desc. node	71 Sep 23 j 03:54	6°♎29'48	
evening rise	71 Sep 24 j 06:51	8°♎16'37	
	71 Oct 08 j 14:43	0°♏	
evening max el	71 Oct 26 j 11:43	23°♏16'31	22°02'40
retrograde	71 Nov 04 j 19:20	28°♏48'56	
evening set	71 Nov 09 j 05:15	27°♏03'34	
asc. node	71 Nov 10 j 12:42	25°♏51'10	
inferior conj	71 Nov 14 j 13:34	20°♏45'50	1°21'22
minimum elong	71 Nov 14 j 11:48	20°♏51'58	1°20'40

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	71 Nov 14 j	14:46	20°♏41'42	0.67633 AU	morning rise	72 Nov 03 j	03:52	28°♎23'55	
morning rise	71 Nov 19 j	18:12	14°♏33'31		direct	72 Nov 07 j	08:31	26°♎46'00	
direct	71 Nov 24 j	13:12	12°♏32'59			72 Nov 14 j	01:02	0°♏	
morning max el	71 Dec 04 j	06:59	18°♏19'27	22°39'21	morning max el	72 Nov 15 j	22:39	1°♏47'17	21°16'35
	71 Dec 13 j	23:52	0°♐		desc. node	72 Dec 06 j	00:10	28°♏39'39	
desc. node	71 Dec 20 j	03:09	8°♐31'52			72 Dec 06 j	21:38	0°♐	
	72 Jan 03 j	07:10	0°♑		morning set	72 Dec 16 j	18:39	15°♐10'26	
morning set	72 Jan 07 j	06:48	6°♑26'37		max. Earth dist.	72 Dec 24 j	07:14	27°♐15'24	1.42290 AU
max. Earth dist.	72 Jan 12 j	04:56	14°♑40'26	1.40308 AU		72 Dec 25 j	23:10	0°♑	
superior conj	72 Jan 20 j	00:03	28°♑22'59	-1°59'37	superior conj	72 Dec 31 j	14:09	9°♑29'13	-2°00'53
minimum elong	72 Jan 20 j	02:04	28°♑32'06	1°59'34	minimum elong	72 Dec 31 j	12:18	9°♑21'17	2°00'50
	72 Jan 20 j	21:24	0°♒		evening rise	73 Jan 11 j	21:02	29°♑29'12	
evening rise	72 Jan 29 j	21:21	16°♒49'47			73 Jan 12 j	03:50	0°♒	
	72 Feb 06 j	00:50	0°♓		asc. node	73 Jan 23 j	09:04	19°♒17'59	
asc. node	72 Feb 06 j	12:02	0°♓48'26		evening max el	73 Jan 28 j	13:06	25°♒50'41	18°08'17
evening max el	72 Feb 15 j	03:00	12°♓51'35	18°23'27	retrograde	73 Feb 04 j	06:04	29°♒16'32	
retrograde	72 Feb 22 j	11:14	16°♓29'10		evening set	73 Feb 06 j	22:22	28°♒43'56	
evening set	72 Feb 24 j	22:57	16°♓05'22		inferior conj	73 Feb 13 j	13:51	23°♒46'48	3°45'08
inferior conj	72 Mar 03 j	05:16	11°♓29'34	3°16'27	minimum elong	73 Feb 13 j	15:11	23°♒43'36	3°45'03
minimum elong	72 Mar 03 j	08:46	11°♓22'18	3°15'50	min. Earth dist.	73 Feb 16 j	17:46	20°♒46'48	0.61066 AU
min. Earth dist.	72 Mar 06 j	15:42	8°♓40'49	0.58961 AU	morning rise	73 Feb 20 j	06:26	17°♒57'41	
morning rise	72 Mar 10 j	16:09	5°♓58'49		direct	73 Feb 27 j	02:14	15°♒40'13	
direct	72 Mar 16 j	21:31	4°♓16'51		desc. node	73 Mar 03 j	23:21	16°♒44'10	
desc. node	72 Mar 17 j	02:18	4°♓16'58		morning max el	73 Mar 13 j	06:40	23°♒30'02	27°40'42
morning max el	72 Mar 31 j	05:23	11°♓57'47	26°59'36		73 Mar 19 j	02:49	0°♓	
	72 Apr 14 j	08:06	0°♈			73 Apr 07 j	12:22	0°♈	
morning set	72 Apr 30 j	11:30	29°♈28'40		morning set	73 Apr 14 j	17:41	14°♈06'20	
	72 Apr 30 j	17:30	0°♉		max. Earth dist.	73 Apr 20 j	20:46	27°♈08'00	1.32435 AU
asc. node	72 May 04 j	11:18	8°♉00'07		asc. node	73 Apr 21 j	08:21	28°♈11'08	
superior conj	72 May 07 j	13:15	14°♉44'51	0°32'07	superior conj	73 Apr 22 j	00:18	29°♈38'11	0°07'03
minimum elong	72 May 07 j	11:52	14°♉37'17	0°31'50	minimum elong	73 Apr 21 j	23:58	29°♈36'24	0°06'58
max. Earth dist.	72 May 07 j	08:53	14°♉20'53	1.32335 AU	behind sun begin	73 Apr 21 j	19:24	29°♈11'23	
evening rise	72 May 14 j	11:09	29°♉43'18		behind sun end	73 Apr 22 j	04:33	0°♉01'27	
	72 May 14 j	14:20	0°♊			73 Apr 22 j	04:17	0°♉	
	72 May 31 j	03:21	0°♋		evening rise	73 Apr 28 j	22:09	14°♉37'39	
evening max el	72 Jun 12 j	13:59	15°♋25'42	26°21'09		73 May 06 j	15:30	0°♊	
desc. node	72 Jun 13 j	01:33	15°♋52'54		evening max el	73 May 25 j	07:47	26°♊31'04	25°04'34
retrograde	72 Jun 26 j	14:15	22°♋39'02			73 May 29 j	11:27	0°♋	
evening set	72 Jul 03 j	01:40	20°♋54'45		desc. node	73 May 30 j	22:34	0°♋58'26	
min. Earth dist.	72 Jul 07 j	02:59	18°♋17'17	0.59560 AU	retrograde	73 Jun 08 j	07:52	3°♋38'32	
inferior conj	72 Jul 10 j	11:04	15°♋41'37	-4°43'20	evening set	73 Jun 13 j	15:48	2°♋33'10	
minimum elong	72 Jul 10 j	12:48	15°♋38'14	4°43'13		73 Jun 18 j	10:29	30°℞♊	
morning rise	72 Jul 18 j	02:01	11°♋08'05		min. Earth dist.	73 Jun 18 j	19:23	29°♊45'39	0.57567 AU
direct	72 Jul 20 j	13:50	10°♋46'04		inferior conj	73 Jun 21 j	20:55	27°♊41'48	-4°39'20
morning max el	72 Jul 28 j	06:04	14°♋27'52	18°21'07	minimum elong	73 Jun 21 j	18:11	27°♊46'26	4°39'07
asc. node	72 Jul 31 j	10:29	18°♋03'43		morning rise	73 Jun 29 j	23:19	23°♊30'17	
	72 Aug 07 j	23:00	0°♌		direct	73 Jul 02 j	12:57	23°♊10'55	
morning set	72 Aug 13 j	06:46	9°♌57'04		morning max el	73 Jul 11 j	08:28	27°♊18'05	19°05'17
						73 Jul 13 j	21:21	0°♋	
superior conj	72 Aug 22 j	12:05	27°♌20'16	1°38'20	asc. node	73 Jul 18 j	07:34	6°♋07'54	
minimum elong	72 Aug 22 j	15:01	27°♌33'43	1°38'07	morning set	73 Jul 28 j	04:15	24°♋08'33	
	72 Aug 23 j	23:07	0°♍			73 Jul 31 j	03:08	0°♌	
max. Earth dist.	72 Aug 30 j	00:18	10°♍40'49	1.40557 AU					
evening rise	72 Sep 03 j	14:39	18°♍25'19		superior conj	73 Aug 05 j	12:25	10°♌33'57	1°46'27
desc. node	72 Sep 09 j	00:53	27°♍10'25		minimum elong	73 Aug 05 j	13:12	10°♌37'47	1°46'26
	72 Sep 10 j	20:14	0°♎		max. Earth dist.	73 Aug 12 j	03:32	22°♌57'48	1.38534 AU
	72 Oct 02 j	01:50	0°♏		evening rise	73 Aug 15 j	23:23	29°♌44'48	
evening max el	72 Oct 08 j	02:29	6°♏47'38	23°22'17		73 Aug 16 j	02:53	0°♍	
retrograde	72 Oct 18 j	12:43	12°♏57'39		desc. node	73 Aug 26 j	21:54	17°♍42'11	
evening set	72 Oct 23 j	11:57	10°♏54'14			73 Sep 04 j	04:37	0°♎	
asc. node	72 Oct 27 j	09:44	6°♏31'15		evening max el	73 Sep 20 j	14:30	20°♎22'04	24°41'16
inferior conj	72 Oct 28 j	20:39	4°♏32'38	0°30'01	retrograde	73 Oct 02 j	02:23	27°♎04'27	
minimum elong	72 Oct 28 j	19:57	4°♏35'04	0°29'43	evening set	73 Oct 07 j	16:00	24°♎43'31	
min. Earth dist.	72 Oct 28 j	11:20	5°♏04'34	0.67650 AU	min. Earth dist.	73 Oct 12 j	06:38	19°♎27'48	0.67347 AU
	72 Nov 01 j	10:45	30°℞♎		inferior conj	73 Oct 13 j	02:27	18°♎21'54	-0°24'27

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	73 Oct 13 j 03:03	18°♎19'53	0°24'12	
asc. node	73 Oct 14 j 06:46	16°♎48'46		
morning rise	73 Oct 18 j 14:11	12°♎19'13		
direct	73 Oct 22 j 06:07	11°♎01'59		
morning max el	73 Oct 29 j 21:53	15°♎25'52	20°04'34	
	73 Nov 10 j 04:51	0°♏		
desc. node	73 Nov 22 j 21:13	19°♏03'38		
morning set	73 Nov 25 j 15:16	23°♏18'07		
	73 Nov 29 j 22:41	0°♐		
max. Earth dist.	73 Dec 06 j 16:54	10°♐40'40	1.43850 AU	
superior conj	73 Dec 12 j 01:53	19°♐21'40	-1°45'52	
minimum elong	73 Dec 11 j 19:12	18°♐54'23	1°45'23	
	73 Dec 18 j 11:50	0°♑		
evening rise	73 Dec 25 j 03:11	11°♑19'09		
	74 Jan 05 j 05:24	0°♒		
asc. node	74 Jan 10 j 06:06	7°♒04'25		
evening max el	74 Jan 12 j 01:30	9°♒04'48	18°12'32	
retrograde	74 Jan 18 j 13:14	12°♒32'23		
evening set	74 Jan 21 j 10:00	11°♒50'03		
inferior conj	74 Jan 27 j 14:14	6°♒32'50	3°49'09	
minimum elong	74 Jan 27 j 13:31	6°♒34'47	3°49'06	
min. Earth dist.	74 Jan 30 j 04:57	3°♒44'19	0.63044 AU	
morning rise	74 Feb 02 j 16:08	0°♒32'31		
	74 Feb 03 j 09:50	30°℞♑		
direct	74 Feb 09 j 15:57	27°♑50'11		
	74 Feb 16 j 11:45	0°♒		
desc. node	74 Feb 18 j 20:24	1°♒35'20		
morning max el	74 Feb 23 j 13:20	5°♒42'55	27°44'43	
	74 Mar 13 j 23:10	0°♓		
morning set	74 Mar 29 j 17:57	28°♓23'10		
	74 Mar 30 j 13:08	0°♈		
max. Earth dist.	74 Apr 04 j 03:49	9°♈35'51	1.32922 AU	
superior conj	74 Apr 06 j 08:55	14°♈20'20	-0°19'29	
minimum elong	74 Apr 06 j 09:51	14°♈25'21	0°19'17	
asc. node	74 Apr 08 j 05:25	18°♈20'49		
evening rise	74 Apr 13 j 10:00	29°♈30'30		
	74 Apr 13 j 15:35	0°♉		
	74 Apr 30 j 17:04	0°♊		
evening max el	74 May 06 j 22:11	7°♊08'14	23°31'46	
desc. node	74 May 17 j 19:36	13°♊40'23		
retrograde	74 May 20 j 13:34	13°♊57'35		
evening set	74 May 24 j 10:18	13°♊24'42		
min. Earth dist.	74 May 31 j 08:36	10°♊12'36	0.55959 AU	
inferior conj	74 Jun 02 j 10:40	8°♊57'50	-3°54'34	
minimum elong	74 Jun 02 j 03:54	9°♊08'00	3°53'08	
morning rise	74 Jun 11 j 00:17	5°♊01'30		
direct	74 Jun 13 j 16:36	4°♊43'41		
morning max el	74 Jun 24 j 00:51	9°♊30'44	20°10'26	
asc. node	74 Jul 05 j 04:38	24°♊52'54		
	74 Jul 07 j 23:15	0°♋		
morning set	74 Jul 12 j 08:32	8°♋41'11		
superior conj	74 Jul 20 j 02:13	24°♋28'47	1°45'38	
minimum elong	74 Jul 20 j 01:17	24°♋24'08	1°45'37	
	74 Jul 22 j 20:49	0°♌		
max. Earth dist.	74 Jul 25 j 08:24	4°♌48'48	1.36624 AU	
evening rise	74 Jul 29 j 06:42	12°♌09'48		
	74 Aug 08 j 16:01	0°♍		
desc. node	74 Aug 13 j 18:55	7°♍59'28		
	74 Aug 30 j 07:01	0°♎		
evening max el	74 Sep 03 j 01:58	3°♎58'53	25°52'23	
retrograde	74 Sep 15 j 11:31	11°♎03'42		
evening set	74 Sep 21 j 15:32	8°♎28'13		
min. Earth dist.	74 Sep 25 j 22:17	3°♎48'20	0.66717 AU	
inferior conj	74 Sep 27 j 05:10	2°♎10'40	-1°20'35	
minimum elong	74 Sep 27 j 07:13	2°♎04'12	1°19'44	
	74 Sep 28 j 23:32	30°℞♍		
asc. node	74 Oct 01 j 03:50	27°♍40'46		
morning rise	74 Oct 02 j 23:11	26°♍16'47		
direct	74 Oct 06 j 04:33	25°♍16'56		
morning max el	74 Oct 13 j 04:28	29°♍13'02	19°06'42	
	74 Oct 13 j 22:25	0°♎		
	74 Nov 03 j 14:24	0°♏		
morning set	74 Nov 04 j 21:15	2°♏00'42		
desc. node	74 Nov 09 j 18:14	9°♏38'31		
max. Earth dist.	74 Nov 19 j 08:10	24°♏40'38	1.44796 AU	
superior conj	74 Nov 21 j 12:54	28°♏08'48	-1°12'26	
minimum elong	74 Nov 21 j 04:48	27°♏36'48	1°11'33	
	74 Nov 22 j 16:59	0°♐		
evening rise	74 Dec 06 j 11:31	22°♐11'52		
	74 Dec 11 j 05:36	0°♑		
evening max el	74 Dec 26 j 13:29	22°♑27'44	18°35'23	
asc. node	74 Dec 28 j 03:09	23°♑55'14		
retrograde	75 Jan 02 j 04:26	26°♑08'14		
evening set	75 Jan 05 j 06:22	25°♑15'03		
inferior conj	75 Jan 11 j 02:25	19°♑39'39	3°35'20	
minimum elong	75 Jan 11 j 00:19	19°♑45'52	3°35'01	
min. Earth dist.	75 Jan 13 j 01:49	17°♑18'58	0.64719 AU	
morning rise	75 Jan 16 j 17:49	13°♑32'42		
direct	75 Jan 23 j 13:08	10°♑40'25		
desc. node	75 Feb 05 j 17:28	18°♑14'11		
morning max el	75 Feb 05 j 22:39	18°♑27'04	27°13'56	
	75 Feb 15 j 17:16	0°♒		
	75 Mar 06 j 21:05	0°♓		
morning set	75 Mar 13 j 09:25	12°♓09'49		
max. Earth dist.	75 Mar 18 j 02:03	21°♓32'46	1.33836 AU	
superior conj	75 Mar 21 j 13:12	28°♓45'12	-0°46'24	
minimum elong	75 Mar 21 j 15:26	28°♓56'59	0°45'58	
	75 Mar 22 j 03:23	0°♈		
asc. node	75 Mar 26 j 02:28	8°♈25'11		
evening rise	75 Mar 28 j 20:51	14°♈15'43		
	75 Apr 05 j 21:27	0°♉		
evening max el	75 Apr 18 j 16:11	17°♉47'19	21°57'35	
retrograde	75 May 01 j 07:12	23°♉58'09		
evening set	75 May 03 j 23:08	23°♉42'22		
desc. node	75 May 04 j 16:39	23°♉32'46		
inferior conj	75 May 13 j 09:02	19°♉37'24	-2°24'47	
minimum elong	75 May 13 j 02:42	19°♉46'17	2°22'45	
min. Earth dist.	75 May 12 j 21:29	19°♉53'38	0.55083 AU	
morning rise	75 May 22 j 07:33	15°♉41'52		
direct	75 May 25 j 06:13	15°♉22'33		
morning max el	75 Jun 06 j 06:01	21°♉00'24	21°34'43	
	75 Jun 13 j 18:29	0°♊		
asc. node	75 Jun 22 j 01:43	14°♊08'45		
morning set	75 Jun 26 j 17:15	23°♊28'32		
	75 Jun 29 j 20:02	0°♋		
superior conj	75 Jul 04 j 01:25	8°♋52'39	1°37'49	
minimum elong	75 Jul 03 j 23:25	8°♋42'12	1°37'40	
max. Earth dist.	75 Jul 07 j 20:51	16°♋41'50	1.35012 AU	
evening rise	75 Jul 12 j 07:50	25°♋27'41		
	75 Jul 14 j 17:41	0°♌		
desc. node	75 Jul 31 j 15:57	27°♌55'27		
	75 Aug 02 j 02:42	0°♍		
evening max el	75 Aug 16 j 13:58	17°♍33'10	26°47'45	
retrograde	75 Aug 29 j 15:23	24°♍49'12		
evening set	75 Sep 05 j 08:22	22°♍04'59		
min. Earth dist.	75 Sep 09 j 07:52	18°♍02'12	0.65742 AU	
inferior conj	75 Sep 11 j 02:49	15°♍55'43	-2°16'33	
minimum elong	75 Sep 11 j 06:16	15°♍45'32	2°15'15	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	75 Sep 17 j 04:42	10°♍13'45		
asc. node	75 Sep 18 j 00:55	9°♍50'47		
direct	75 Sep 20 j 01:54	9°♍27'33		
morning max el	75 Sep 26 j 16:36	13°♍04'59	18°24'50	
	75 Oct 08 j 18:21	0°♎		
morning set	75 Oct 16 j 05:40	12°♎04'12		
	75 Oct 27 j 10:03	0°♏		
desc. node	75 Oct 27 j 15:15	0°♏20'34		
superior conj	75 Oct 31 j 13:20	6°♏32'14	-0°25'35	
minimum elong	75 Oct 31 j 09:59	6°♏18'59	0°25'08	
max. Earth dist.	75 Nov 02 j 02:38	8°♏59'00	1.45030 AU	
	75 Nov 15 j 11:59	0°♐		
evening rise	75 Nov 16 j 20:01	2°♐05'57		
greatest brilliancy	75 Nov 27 j 02:52	18°♐13'31	-0.8m	
	75 Dec 05 j 02:07	0°♑		
evening max el	75 Dec 09 j 22:40	5°♑54'28	19°15'28	
asc. node	75 Dec 15 j 00:11	9°♑35'28		
retrograde	75 Dec 17 j 00:08	9°♑57'32		
evening set	75 Dec 20 j 08:39	8°♑51'56		
inferior conj	75 Dec 25 j 22:58	3°♑00'38	3°08'34	
minimum elong	75 Dec 25 j 20:15	3°♑09'20	3°07'56	
min. Earth dist.	75 Dec 27 j 07:30	1°♑16'40	0.66020 AU	
	75 Dec 28 j 08:14	30°℞♐		
morning rise	75 Dec 31 j 07:37	26°♐49'42		
direct	76 Jan 06 j 16:22	24°♐01'36		
	76 Jan 17 j 19:02	0°♑		
morning max el	76 Jan 19 j 08:02	1°♑29'40	26°14'55	
desc. node	76 Jan 23 j 14:30	6°♑09'14		
	76 Feb 09 j 19:19	0°♒		
morning set	76 Feb 24 j 12:05	25°♒13'00		
	76 Feb 27 j 00:40	0°♓		
max. Earth dist.	76 Feb 28 j 12:46	2°♓54'54	1.35207 AU	
superior conj	76 Mar 04 j 10:39	12°♓44'12	-1°12'25	
minimum elong	76 Mar 04 j 14:01	13°♓01'20	1°11'52	
asc. node	76 Mar 11 j 23:31	28°♓19'02		
evening rise	76 Mar 12 j 04:43	28°♓45'46		
	76 Mar 12 j 19:12	0°♈		
evening max el	76 Mar 30 j 19:27	28°♈52'30	20°33'59	
	76 Apr 01 j 01:07	0°♉		
retrograde	76 Apr 10 j 20:07	4°♉11'22		
evening set	76 Apr 12 j 23:41	4°♉00'07		
desc. node	76 Apr 20 j 13:42	0°♉56'51		
inferior conj	76 Apr 22 j 03:41	0°♉02'35	-0°27'17	
minimum elong	76 Apr 22 j 02:24	0°♉04'26	0°26'49	
	76 Apr 22 j 05:28	30°℞♈		
min. Earth dist.	76 Apr 23 j 10:43	29°♈17'46	0.55138 AU	
morning rise	76 May 01 j 04:03	25°♈49'36		
direct	76 May 04 j 17:37	25°♈22'06		
	76 May 15 j 22:54	0°♉		
morning max el	76 May 18 j 01:31	1°♉50'37	23°12'39	
	76 Jun 06 j 01:24	0°♊		
asc. node	76 Jun 07 j 22:46	3°♊46'51		
morning set	76 Jun 10 j 04:26	8°♊24'17		
superior conj	76 Jun 17 j 06:56	23°♊35'34	1°24'29	
minimum elong	76 Jun 17 j 04:28	23°♊22'23	1°24'10	
max. Earth dist.	76 Jun 19 j 19:01	28°♊54'32	1.33772 AU	
	76 Jun 20 j 07:30	0°♋		
evening rise	76 Jun 24 j 22:02	9°♋24'34		
	76 Jul 06 j 03:40	0°♌		
desc. node	76 Jul 17 j 12:59	17°♌20'50		
	76 Jul 28 j 03:29	0°♍		
evening max el	76 Jul 29 j 01:43	0°♍54'16	27°19'59	
retrograde	76 Aug 11 j 13:30	8°♍13'18		
evening set	76 Aug 18 j 15:47	5°♍29'21		
min. Earth dist.	76 Aug 22 j 09:02	2°♍02'32	0.64402 AU	
	76 Aug 24 j 06:44	30°℞♌		
inferior conj	76 Aug 24 j 17:02	29°♌32'10	-3°09'55	
minimum elong	76 Aug 24 j 21:34	29°♌20'00	3°08'30	
morning rise	76 Aug 31 j 04:11	24°♌05'38		
direct	76 Sep 02 j 19:41	23°♌29'35		
asc. node	76 Sep 03 j 21:57	23°♌35'49		
morning max el	76 Sep 09 j 07:53	26°♌56'53	18°00'04	
	76 Sep 11 j 23:49	0°♍		
morning set	76 Sep 26 j 18:15	23°♍30'28		
	76 Sep 30 j 14:33	0°♎		
superior conj	76 Oct 10 j 01:21	15°♎34'10	0°22'46	
minimum elong	76 Oct 10 j 03:57	15°♎44'40	0°22'25	
desc. node	76 Oct 13 j 12:16	21°♎06'52		
max. Earth dist.	76 Oct 14 j 21:20	23°♎18'21	1.44526 AU	
	76 Oct 19 j 03:15	0°♏		
evening rise	76 Oct 26 j 09:11	11°♏15'35		
	76 Nov 07 j 16:49	0°♐		
greatest brilliancy	76 Nov 09 j 11:24	2°♐38'02	-0.6m	
evening max el	76 Nov 22 j 03:12	19°♐22'54	20°10'54	
retrograde	76 Nov 29 j 21:42	23°♐56'42		
asc. node	76 Nov 30 j 21:13	23°♐51'15		
evening set	76 Dec 03 j 14:32	22°♐36'58		
inferior conj	76 Dec 09 j 01:12	16°♐32'33	2°32'19	
minimum elong	76 Dec 08 j 22:28	16°♐41'42	2°31'29	
min. Earth dist.	76 Dec 09 j 20:22	15°♐28'09	0.66933 AU	
morning rise	76 Dec 14 j 06:14	10°♐19'29		
direct	76 Dec 20 j 01:01	7°♐45'56		
morning max el	76 Dec 31 j 16:38	14°♐42'10	24°56'47	
desc. node	77 Jan 09 j 11:31	24°♐58'41		
	77 Jan 13 j 05:32	0°♑		
	77 Feb 01 j 16:10	0°♒		
morning set	77 Feb 05 j 20:50	7°♒18'28		
max. Earth dist.	77 Feb 09 j 12:55	13°♒57'59	1.37006 AU	
superior conj	77 Feb 15 j 22:19	26°♒09'09	-1°35'36	
minimum elong	77 Feb 16 j 02:13	26°♒28'14	1°35'09	
	77 Feb 17 j 21:06	0°♓		
evening rise	77 Feb 24 j 07:24	12°♓54'21		
asc. node	77 Feb 26 j 20:32	17°♓57'35		
	77 Mar 05 j 10:36	0°♈		
evening max el	77 Mar 13 j 09:56	10°♈34'48	19°27'40	
retrograde	77 Mar 22 j 17:49	15°♈03'50		
evening set	77 Mar 24 j 21:32	14°♈50'32		
inferior conj	77 Apr 02 j 08:58	10°♈44'11	1°24'20	
minimum elong	77 Apr 02 j 12:15	10°♈38'50	1°23'15	
min. Earth dist.	77 Apr 05 j 01:09	9°♈00'35	0.56112 AU	
desc. node	77 Apr 07 j 10:43	7°♈35'33		
morning rise	77 Apr 11 j 00:18	5°♈59'44		
direct	77 Apr 15 j 13:52	5°♈12'32		
morning max el	77 Apr 29 j 16:21	12°♈20'44	24°53'06	
	77 May 13 j 06:22	0°♉		
morning set	77 May 25 j 16:23	23°♉22'52		
asc. node	77 May 25 j 19:48	23°♉40'50		
	77 May 28 j 18:39	0°♊		
superior conj	77 Jun 01 j 16:21	8°♊29'55	1°06'47	
minimum elong	77 Jun 01 j 13:58	8°♊16'57	1°06'22	
max. Earth dist.	77 Jun 03 j 01:22	11°♊29'07	1.32916 AU	
evening rise	77 Jun 08 j 21:29	23°♊49'00		
	77 Jun 11 j 23:37	0°♋		
	77 Jun 29 j 20:18	0°♌		
desc. node	77 Jul 04 j 10:01	6°♌02'26		
evening max el	77 Jul 11 j 10:55	13°♌48'10	27°22'50	
retrograde	77 Jul 25 j 05:18	21°♌06'27		
evening set	77 Aug 01 j 10:16	18°♌34'54		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

min. Earth dist.	77 Aug 05 j 00:08	15°♌38'03	0.62711 AU
inferior conj	77 Aug 07 j 20:58	12°♌52'49	-3°57'03
minimum elong	77 Aug 08 j 01:43	12°♌41'22	3°55'57
morning rise	77 Aug 14 j 18:27	7°♌45'07	
direct	77 Aug 17 j 06:40	7°♌16'19	
asc. node	77 Aug 21 j 18:59	8°♌51'25	
morning max el	77 Aug 23 j 23:26	10°♌41'50	17°53'11
	77 Sep 05 j 20:09	0°♍	
morning set	77 Sep 09 j 05:34	6°♍01'25	
superior conj	77 Sep 20 j 14:50	25°♍52'12	1°02'10
minimum elong	77 Sep 20 j 19:48	26°♍13'06	1°01'34
	77 Sep 23 j 01:59	0°♎	
max. Earth dist.	77 Sep 27 j 12:29	7°♎17'03	1.43352 AU
desc. node	77 Sep 30 j 09:18	11°♎53'35	
evening rise	77 Oct 05 j 16:25	20°♎13'48	
	77 Oct 12 j 01:23	0°♏	
	77 Nov 02 j 11:40	0°♐	
evening max el	77 Nov 05 j 01:56	2°♐51'06	21°19'06
retrograde	77 Nov 13 j 18:59	8°♐01'45	
evening set	77 Nov 17 j 22:05	6°♐26'05	
asc. node	77 Nov 17 j 18:14	6°♐33'27	
inferior conj	77 Nov 23 j 06:49	0°♐11'56	1°48'54
minimum elong	77 Nov 23 j 04:35	0°♐19'39	1°48'04
	77 Nov 23 j 10:16	30°℞♏	
min. Earth dist.	77 Nov 23 j 14:11	29°♏46'30	0.67476 AU
morning rise	77 Nov 28 j 10:55	23°♏58'39	
direct	77 Dec 03 j 14:26	21°♏45'28	
morning max el	77 Dec 14 j 01:32	27°♏59'15	23°29'38
	77 Dec 15 j 23:19	0°♐	
desc. node	77 Dec 27 j 08:33	14°♐26'36	
	78 Jan 06 j 22:52	0°♑	
morning set	78 Jan 18 j 05:26	18°♑09'55	
max. Earth dist.	78 Jan 22 j 07:57	25°♑13'30	1.39081 AU
	78 Jan 25 j 00:36	0°♒	
superior conj	78 Jan 29 j 20:16	8°♒49'39	-1°53'19
minimum elong	78 Jan 29 j 23:30	9°♒04'45	1°53'07
evening rise	78 Feb 08 j 02:17	26°♒34'14	
	78 Feb 09 j 20:56	0°♓	
asc. node	78 Feb 13 j 17:34	7°♓15'03	
evening max el	78 Feb 24 j 10:18	22°♓53'03	18°41'08
retrograde	78 Mar 04 j 08:54	26°♓45'00	
evening set	78 Mar 06 j 17:24	26°♓25'52	
inferior conj	78 Mar 14 j 09:48	22°♓02'02	2°45'45
minimum elong	78 Mar 14 j 14:04	21°♓53'58	2°44'44
min. Earth dist.	78 Mar 17 j 18:26	19°♓30'50	0.57790 AU
morning rise	78 Mar 22 j 07:49	16°♓45'29	
desc. node	78 Mar 25 j 07:44	15°♓43'26	
direct	78 Mar 28 j 00:03	15°♓25'24	
morning max el	78 Apr 11 j 08:36	22°♓58'49	26°20'51
	78 Apr 17 j 14:59	0°♈	
	78 May 06 j 01:43	0°♉	
morning set	78 May 10 j 03:31	8°♉18'41	
asc. node	78 May 12 j 16:51	13°♉45'24	
superior conj	78 May 17 j 03:47	23°♉29'12	0°45'36
minimum elong	78 May 17 j 01:56	23°♉19'03	0°45'14
max. Earth dist.	78 May 17 j 12:40	24°♉17'59	1.32431 AU
	78 May 20 j 03:17	0°♊	
evening rise	78 May 24 j 03:14	8°♊31'41	
	78 Jun 04 j 09:23	0°♋	
desc. node	78 Jun 21 j 07:02	23°♋42'12	
evening max el	78 Jun 23 j 15:12	26°♋03'46	26°52'59
	78 Jun 28 j 10:00	0°♌	
retrograde	78 Jul 07 j 14:11	3°♌20'02	
evening set	78 Jul 14 j 11:33	1°♌14'57	
	78 Jul 16 j 09:00	30°℞♋	
min. Earth dist.	78 Jul 18 j 05:03	28°♋35'21	0.60745 AU
inferior conj	78 Jul 21 j 11:20	25°♋50'14	-4°32'04
minimum elong	78 Jul 21 j 14:47	25°♋42'55	4°31'38
morning rise	78 Jul 28 j 19:51	21°♋04'00	
direct	78 Jul 31 j 07:05	20°♋40'08	
morning max el	78 Aug 07 j 12:20	24°♋13'06	18°05'10
asc. node	78 Aug 08 j 16:02	25°♋24'44	
	78 Aug 12 j 05:43	0°♌	
morning set	78 Aug 23 j 09:46	19°♌21'16	
	78 Aug 29 j 03:36	0°♍	
superior conj	78 Sep 02 j 07:10	7°♍29'49	1°28'42
minimum elong	78 Sep 02 j 11:16	7°♍48'00	1°28'20
max. Earth dist.	78 Sep 09 j 21:55	20°♍38'58	1.41671 AU
evening rise	78 Sep 15 j 11:41	29°♍47'27	
	78 Sep 15 j 14:48	0°♎	
desc. node	78 Sep 17 j 06:20	2°♎37'40	
	78 Oct 05 j 15:14	0°♏	
evening max el	78 Oct 18 j 19:12	16°♏20'37	22°36'06
retrograde	78 Oct 28 j 14:18	22°♏10'00	
evening set	78 Nov 02 j 05:36	20°♏17'05	
asc. node	78 Nov 04 j 15:16	17°♏50'03	
inferior conj	78 Nov 07 j 13:54	13°♏56'58	1°00'03
minimum elong	78 Nov 07 j 12:33	14°♏01'39	0°59'30
min. Earth dist.	78 Nov 07 j 10:35	14°♏08'27	0.67680 AU
morning rise	78 Nov 12 j 19:22	7°♏45'39	
direct	78 Nov 17 j 08:01	5°♏54'56	
morning max el	78 Nov 26 j 13:45	11°♏22'06	22°02'59
	78 Dec 11 j 05:00	0°♐	
desc. node	78 Dec 14 j 05:35	4°♐22'12	
morning set	78 Dec 29 j 09:06	27°♐37'20	
	78 Dec 30 j 20:25	0°♑	
max. Earth dist.	79 Jan 04 j 05:36	7°♑13'33	1.41183 AU
superior conj	79 Jan 11 j 23:35	20°♑34'06	-2°01'53
minimum elong	79 Jan 12 j 00:13	20°♑36'54	2°01'52
	79 Jan 17 j 05:09	0°♒	
evening rise	79 Jan 22 j 10:07	9°♒37'57	
asc. node	79 Jan 31 j 14:36	26°♒04'32	
	79 Feb 03 j 03:25	0°♓	
evening max el	79 Feb 07 j 17:49	5°♓40'04	18°14'40
retrograde	79 Feb 14 j 18:18	9°♓10'50	
evening set	79 Feb 17 j 07:58	8°♓43'31	
inferior conj	79 Feb 24 j 07:34	3°♓58'57	3°32'09
minimum elong	79 Feb 24 j 10:12	3°♓53'08	3°31'48
min. Earth dist.	79 Feb 27 j 16:37	1°♓01'57	0.59848 AU
	79 Feb 28 j 23:29	30°℞♒	
morning rise	79 Mar 03 j 10:17	28°♒19'11	
direct	79 Mar 09 j 23:10	26°♒20'55	
desc. node	79 Mar 12 j 04:47	26°♒34'13	
	79 Mar 19 j 10:36	0°♓	
morning max el	79 Mar 24 j 06:07	4°♓07'21	27°21'34
	79 Apr 12 j 06:58	0°♈	
morning set	79 Apr 24 j 12:01	23°♈04'32	
	79 Apr 27 j 18:30	0°♉	
asc. node	79 Apr 29 j 13:53	3°♉55'05	
max. Earth dist.	79 May 01 j 01:17	7°♉08'35	1.32320 AU
superior conj	79 May 01 j 15:27	8°♉26'16	0°21'43
minimum elong	79 May 01 j 14:29	8°♉20'58	0°21'31
evening rise	79 May 08 j 12:54	23°♉23'37	
	79 May 11 j 17:43	0°♊	
	79 May 29 j 19:15	0°♋	
evening max el	79 Jun 05 j 12:53	7°♋33'59	25°51'36
desc. node	79 Jun 08 j 04:03	9°♋53'22	
retrograde	79 Jun 19 j 14:11	14°♋46'04	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	79 Jun 25 j 15:06	13°♋18'26		
min. Earth dist.	79 Jun 30 j 01:25	10°♋38'32	0.58683 AU	
inferior conj	79 Jul 03 j 08:27	8°♋13'51	-4°45'53	
minimum elong	79 Jul 03 j 08:28	8°♋13'49	4°45'53	
morning rise	79 Jul 11 j 04:15	3°♋49'52		
direct	79 Jul 13 j 16:31	3°♋29'14		
morning max el	79 Jul 21 j 19:23	7°♋20'37	18°37'16	
asc. node	79 Jul 26 j 13:06	12°♋59'31		
	79 Aug 05 j 09:17	0°♌		
morning set	79 Aug 07 j 02:02	3°♌16'31		
superior conj	79 Aug 15 j 21:26	20°♌12'34	1°42'59	
minimum elong	79 Aug 15 j 23:26	20°♌21'59	1°42'53	
	79 Aug 21 j 05:43	0°♍		
max. Earth dist.	79 Aug 23 j 02:25	3°♍17'50	1.39703 AU	
evening rise	79 Aug 27 j 06:06	10°♍26'21		
desc. node	79 Sep 04 j 03:22	23°♍15'09		
	79 Sep 08 j 12:46	0°♎		
	79 Oct 01 j 11:15	0°♏		
evening max el	79 Oct 01 j 08:37	29°♎53'28	23°56'22	
retrograde	79 Oct 12 j 06:16	6°♏18'16		
evening set	79 Oct 17 j 11:25	4°♏07'31		
	79 Oct 21 j 04:38	30°℞♎		
inferior conj	79 Oct 22 j 20:43	27°♎45'26	0°07'15	
minimum elong	79 Oct 22 j 20:32	27°♎46'02	0°07'09	
transit middle	79 Oct 22 j 20:32	27°♎46'02	0°07'09	
transit begin	79 Oct 22 j 18:05	27°♎54'20		
transit end	79 Oct 22 j 22:59	27°♎37'44		
min. Earth dist.	79 Oct 22 j 07:03	28°♎31'48	0.67563 AU	
asc. node	79 Oct 22 j 12:19	28°♎13'57		
morning rise	79 Oct 28 j 05:36	21°♎38'41		
direct	79 Nov 01 j 04:38	20°♎09'44		
morning max el	79 Nov 09 j 08:27	24°♎54'07	20°44'14	
	79 Nov 13 j 19:28	0°♏		
desc. node	79 Dec 01 j 02:37	24°♏37'35		
	79 Dec 04 j 15:17	0°♐		
morning set	79 Dec 08 j 11:52	5°♐57'37		
max. Earth dist.	79 Dec 17 j 10:51	20°♐10'24	1.43020 AU	
	79 Dec 23 j 10:10	0°♑		
superior conj	79 Dec 24 j 02:55	1°♑10'07	-1°56'45	
minimum elong	79 Dec 23 j 22:57	0°♑53'28	1°56'34	
evening rise	80 Jan 05 j 02:53	21°♑57'14		
	80 Jan 09 j 16:04	0°♒		
asc. node	80 Jan 18 j 11:39	14°♒17'18		
evening max el	80 Jan 22 j 05:23	18°♒47'07	18°07'51	
retrograde	80 Jan 28 j 18:49	22°♒11'48		
evening set	80 Jan 31 j 13:06	21°♒35'05		
inferior conj	80 Feb 06 j 23:24	16°♒29'24	3°49'24	
minimum elong	80 Feb 06 j 23:48	16°♒28'23	3°49'23	
min. Earth dist.	80 Feb 09 j 22:17	13°♒31'47	0.61938 AU	
morning rise	80 Feb 13 j 09:15	10°♒35'06		
direct	80 Feb 20 j 08:12	8°♒05'11		
desc. node	80 Feb 27 j 01:49	10°♒07'06		
morning max el	80 Mar 05 j 09:43	15°♒56'42	27°46'54	
	80 Mar 16 j 22:47	0°♓		
	80 Apr 03 j 20:36	0°♈		
morning set	80 Apr 07 j 15:58	7°♈33'53		
max. Earth dist.	80 Apr 13 j 11:29	19°♈48'21	1.32592 AU	
superior conj	80 Apr 15 j 01:42	23°♈15'27	-0°04'06	
minimum elong	80 Apr 15 j 01:53	23°♈16'29	0°04'03	
behind sun begin	80 Apr 14 j 20:54	22°♈49'24		
behind sun end	80 Apr 15 j 06:52	23°♈43'35		
asc. node	80 Apr 15 j 10:58	24°♈05'55		
	80 Apr 18 j 03:56	0°♉		
evening rise	80 Apr 22 j 00:30	8°♉18'01		
	80 May 03 j 08:21	0°♊		
evening max el	80 May 17 j 04:46	18°♊24'36	24°26'19	
desc. node	80 May 25 j 01:05	24°♊01'59		
retrograde	80 May 31 j 02:32	25°♊25'40		
evening set	80 Jun 04 j 19:44	24°♊35'52		
min. Earth dist.	80 Jun 10 j 16:08	21°♊39'21	0.56817 AU	
inferior conj	80 Jun 13 j 09:37	19°♊55'03	-4°25'59	
minimum elong	80 Jun 13 j 04:53	20°♊02'39	4°25'20	
morning rise	80 Jun 21 j 16:48	15°♊50'49		
direct	80 Jun 24 j 07:32	15°♊32'11		
morning max el	80 Jul 03 j 17:38	19°♊54'47	19°30'25	
	80 Jul 11 j 14:06	0°♋		
asc. node	80 Jul 12 j 10:10	1°♋21'58		
morning set	80 Jul 21 j 02:44	17°♋37'37		
	80 Jul 27 j 06:35	0°♌		
superior conj	80 Jul 29 j 04:00	3°♌44'41	1°47'04	
minimum elong	80 Jul 29 j 04:00	3°♌44'40	1°47'05	
max. Earth dist.	80 Aug 04 j 05:53	15°♌21'40	1.37701 AU	
evening rise	80 Aug 08 j 00:57	22°♌14'43		
	80 Aug 12 j 12:25	0°♍		
desc. node	80 Aug 21 j 00:25	13°♍41'26		
	80 Sep 01 j 09:13	0°♎		
evening max el	80 Sep 12 j 20:24	13°♎29'55	25°12'58	
retrograde	80 Sep 24 j 17:55	20°♎22'21		
evening set	80 Sep 30 j 13:47	17°♎54'56		
min. Earth dist.	80 Oct 05 j 01:05	12°♎54'14	0.67127 AU	
inferior conj	80 Oct 06 j 01:26	11°♎34'48	-0°48'08	
minimum elong	80 Oct 06 j 02:39	11°♎30'51	0°47'37	
asc. node	80 Oct 08 j 09:23	8°♎39'19		
morning rise	80 Oct 11 j 15:38	5°♎35'28		
direct	80 Oct 15 j 02:55	4°♎25'53		
morning max el	80 Oct 22 j 10:53	8°♎36'18	19°38'02	
	80 Nov 07 j 03:36	0°♏		
morning set	80 Nov 16 j 09:30	14°♏11'48		
desc. node	80 Nov 16 j 23:39	15°♏06'38		
	80 Nov 26 j 12:26	0°♐		
max. Earth dist.	80 Nov 28 j 23:42	3°♐54'20	1.44344 AU	
superior conj	80 Dec 03 j 03:19	10°♐32'01	-1°33'51	
minimum elong	80 Dec 02 j 19:18	9°♐59'49	1°33'07	
	80 Dec 14 j 23:47	0°♑		
evening rise	80 Dec 17 j 00:12	3°♑23'25		
	81 Jan 02 j 20:59	0°♒		
asc. node	81 Jan 04 j 08:43	1°♒41'37		
evening max el	81 Jan 04 j 17:56	2°♒05'30	18°20'02	
retrograde	81 Jan 11 j 05:55	5°♒37'05		
evening set	81 Jan 14 j 04:52	4°♒50'07		
	81 Jan 19 j 16:40	30°℞♑		
inferior conj	81 Jan 20 j 05:14	29°♑24'40	3°45'05	
minimum elong	81 Jan 20 j 03:50	29°♑28'37	3°44'57	
min. Earth dist.	81 Jan 22 j 13:23	26°♑46'49	0.63806 AU	
morning rise	81 Jan 26 j 02:12	23°♑21'19		
direct	81 Feb 02 j 01:01	20°♑33'13		
desc. node	81 Feb 12 j 22:51	25°♑47'59		
morning max el	81 Feb 15 j 17:47	28°♑23'39	27°35'35	
	81 Feb 17 j 07:10	0°♒		
	81 Mar 10 j 17:30	0°♓		
morning set	81 Mar 22 j 12:50	21°♓38'21		
	81 Mar 26 j 15:33	0°♈		
max. Earth dist.	81 Mar 27 j 15:22	2°♈04'21	1.33262 AU	
superior conj	81 Mar 30 j 08:41	7°♈50'22	-0°30'56	
minimum elong	81 Mar 30 j 10:10	7°♈58'20	0°30'36	
asc. node	81 Apr 02 j 08:02	14°♈13'28		
evening rise	81 Apr 06 j 12:08	23°♈08'03		
	81 Apr 09 j 20:05	0°♉		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	81 Apr 28 j 19:43	28°♉57'52	22°50'59
	81 Apr 29 j 22:28	0°♊	
desc. node	81 May 11 j 22:06	5°♊33'00	
retrograde	81 May 12 j 02:21	5°♊33'04	
evening set	81 May 15 j 09:33	5°♊09'12	
min. Earth dist.	81 May 23 j 04:32	1°♊43'25	0.55482 AU
inferior conj	81 May 24 j 15:43	0°♊52'50	-3°21'32
minimum elong	81 May 24 j 08:24	1°♊03'22	3°19'36
	81 May 26 j 04:48	30°℞♉	
morning rise	81 Jun 02 j 09:39	26°♉59'21	
direct	81 Jun 05 j 04:14	26°♉41'18	
	81 Jun 14 j 01:19	0°♊	
morning max el	81 Jun 16 j 05:08	1°♊48'31	20°44'17
asc. node	81 Jun 29 j 07:15	20°♊20'58	
	81 Jul 04 j 06:14	0°♋	
morning set	81 Jul 05 j 09:09	2°♋17'18	
superior conj	81 Jul 12 j 22:13	17°♋53'04	1°43'06
minimum elong	81 Jul 12 j 20:46	17°♋45'36	1°43'01
max. Earth dist.	81 Jul 17 j 13:44	27°♋11'45	1.35891 AU
	81 Jul 19 j 00:23	0°♌	
evening rise	81 Jul 21 j 16:25	5°♌03'29	
	81 Aug 05 j 08:28	0°♍	
desc. node	81 Aug 07 j 21:26	3°♍50'51	
evening max el	81 Aug 26 j 08:05	27°♍06'51	26°18'17
	81 Aug 29 j 13:45	0°♎	
retrograde	81 Sep 08 j 00:46	4°♎17'16	
evening set	81 Sep 14 j 10:46	1°♎36'58	
	81 Sep 16 j 03:47	30°℞♍	
min. Earth dist.	81 Sep 18 j 14:18	27°♍13'08	0.66350 AU
inferior conj	81 Sep 20 j 02:15	25°♍22'40	-1°44'26
minimum elong	81 Sep 20 j 04:55	25°♍14'29	1°43'22
asc. node	81 Sep 25 j 06:26	20°♍01'03	
morning rise	81 Sep 25 j 23:27	19°♍33'44	
direct	81 Sep 29 j 01:06	18°♍40'07	
morning max el	81 Oct 05 j 20:11	22°♍26'49	18°46'57
	81 Oct 11 j 21:45	0°♎	
morning set	81 Oct 27 j 01:48	23°♎27'20	
	81 Oct 31 j 05:04	0°♏	
desc. node	81 Nov 03 j 20:43	5°♏45'29	
max. Earth dist.	81 Nov 11 j 17:17	18°♏06'46	1.44992 AU
superior conj	81 Nov 12 j 07:23	19°♏02'13	-0°53'36
minimum elong	81 Nov 12 j 00:41	18°♏35'52	0°52'46
	81 Nov 19 j 06:07	0°♐	
evening rise	81 Nov 27 j 22:32	13°♐51'45	
	81 Dec 08 j 00:13	0°♑	
evening max el	81 Dec 19 j 04:56	15°♑30'12	18°50'16
asc. node	81 Dec 22 j 05:44	18°♑04'16	
retrograde	81 Dec 25 j 23:32	19°♑19'25	
evening set	81 Dec 29 j 04:04	18°♑21'07	
inferior conj	82 Jan 03 j 21:23	12°♑38'18	3°25'16
minimum elong	82 Jan 03 j 18:56	12°♑45'49	3°24'50
min. Earth dist.	82 Jan 05 j 14:12	10°♑32'45	0.65325 AU
morning rise	82 Jan 09 j 09:28	6°♑29'12	
direct	82 Jan 16 j 00:42	3°♑37'28	
morning max el	82 Jan 29 j 03:39	11°♑17'55	26°51'44
desc. node	82 Jan 30 j 19:54	13°♑02'23	
	82 Feb 13 j 01:43	0°♒	
	82 Mar 03 j 05:58	0°♓	
morning set	82 Mar 05 j 23:23	5°♓07'48	
max. Earth dist.	82 Mar 10 j 09:07	13°♓46'44	1.34367 AU
superior conj	82 Mar 14 j 10:20	22°♓04'32	-0°57'40
minimum elong	82 Mar 14 j 13:05	22°♓18'52	0°57'09
	82 Mar 18 j 04:56	0°♈	
asc. node	82 Mar 20 j 05:04	4°♈13'33	

evening rise	82 Mar 21 j 21:56	7°♈47'14	
	82 Apr 02 j 22:01	0°♉	
evening max el	82 Apr 10 j 16:55	9°♉44'29	21°20'06
retrograde	82 Apr 22 j 17:02	15°♉34'45	
evening set	82 Apr 25 j 01:30	15°♉22'02	
desc. node	82 Apr 28 j 19:07	14°♉14'46	
inferior conj	82 May 04 j 10:38	11°♉21'56	-1°36'22
minimum elong	82 May 04 j 06:08	11°♉28'16	1°34'48
min. Earth dist.	82 May 04 j 17:21	11°♉12'29	0.54980 AU
morning rise	82 May 13 j 11:09	7°♉21'27	
direct	82 May 16 j 14:36	6°♉59'57	
morning max el	82 May 29 j 05:52	13°♉00'04	22°15'28
	82 Jun 10 j 21:55	0°♊	
asc. node	82 Jun 16 j 04:18	9°♊46'52	
morning set	82 Jun 19 j 19:06	17°♊08'37	
	82 Jun 25 j 20:48	0°♋	
superior conj	82 Jun 27 j 00:25	2°♋25'58	1°32'47
minimum elong	82 Jun 26 j 22:08	2°♋13'59	1°32'32
max. Earth dist.	82 Jun 30 j 06:05	9°♋10'46	1.34424 AU
evening rise	82 Jul 04 j 23:32	18°♋38'56	
	82 Jul 11 j 01:24	0°♌	
desc. node	82 Jul 25 j 18:28	23°♌35'07	
	82 Jul 30 j 12:05	0°♍	
evening max el	82 Aug 08 j 19:51	10°♍35'51	27°04'42
retrograde	82 Aug 22 j 02:21	17°♍54'46	
evening set	82 Aug 28 j 23:58	15°♍08'59	
min. Earth dist.	82 Sep 01 j 20:27	11°♍22'07	0.65212 AU
inferior conj	82 Sep 03 j 21:00	9°♍04'18	-2°39'42
minimum elong	82 Sep 04 j 00:59	8°♍53'01	2°38'17
morning rise	82 Sep 10 j 02:42	3°♍28'46	
asc. node	82 Sep 12 j 03:28	2°♍50'23	
direct	82 Sep 12 j 21:05	2°♍47'27	
morning max el	82 Sep 19 j 10:02	6°♍19'40	18°12'15
	82 Oct 05 j 10:42	0°♎	
morning set	82 Oct 07 j 22:32	4°♎07'05	
desc. node	82 Oct 21 j 17:45	26°♎29'52	
superior conj	82 Oct 22 j 10:14	27°♎35'23	-0°04'33
minimum elong	82 Oct 22 j 09:40	27°♎33'06	0°04'28
behind sun begin	82 Oct 21 j 23:04	26°♎51'00	
behind sun end	82 Oct 22 j 20:16	28°♎15'09	
	82 Oct 23 j 22:46	0°♏	
max. Earth dist.	82 Oct 25 j 11:51	2°♏26'24	1.44900 AU
evening rise	82 Nov 07 j 21:45	23°♏24'03	
	82 Nov 12 j 03:43	0°♐	
greatest brilliancy	82 Nov 20 j 05:35	12°♐24'32	-0.7m
evening max el	82 Dec 02 j 12:16	28°♐57'48	19°37'13
	82 Dec 03 j 13:35	0°♑	
asc. node	82 Dec 09 j 02:44	3°♑10'25	
retrograde	82 Dec 09 j 20:26	3°♑13'29	
evening set	82 Dec 13 j 08:08	2°♑02'16	
	82 Dec 15 j 15:39	30°℞♐	
inferior conj	82 Dec 18 j 20:41	26°♐04'56	2°54'13
minimum elong	82 Dec 18 j 17:54	26°♐14'05	2°53'28
min. Earth dist.	82 Dec 19 j 23:22	24°♐37'29	0.66455 AU
morning rise	82 Dec 24 j 03:25	19°♐52'35	
direct	82 Dec 30 j 06:26	17°♐09'33	
morning max el	83 Jan 11 j 12:52	24°♐26'33	25°43'21
	83 Jan 16 j 13:26	0°♑	
desc. node	83 Jan 17 j 16:56	1°♑23'16	
	83 Feb 06 j 12:03	0°♒	
morning set	83 Feb 16 j 19:14	17°♒49'21	
max. Earth dist.	83 Feb 20 j 14:49	24°♒57'31	1.35922 AU
	83 Feb 23 j 05:24	0°♓	
superior conj	83 Feb 26 j 04:04	5°♓50'38	-1°22'44

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	83 Feb 26 j 07:46	6°♓09'09	1°22'13
evening rise	83 Mar 06 j 03:55	22°♓09'21	
asc. node	83 Mar 07 j 02:05	24°♓01'45	
	83 Mar 10 j 02:19	0°♈	
evening max el	83 Mar 24 j 01:03	21°♈05'49	20°03'29
retrograde	83 Apr 03 j 08:16	26°♈02'30	
evening set	83 Apr 05 j 10:34	25°♈51'07	
inferior conj	83 Apr 14 j 08:22	21°♈51'44	0°22'38
minimum elong	83 Apr 14 j 09:23	21°♈50'13	0°22'17
desc. node	83 Apr 15 j 16:08	21°♈03'49	
min. Earth dist.	83 Apr 16 j 07:27	20°♈40'56	0.55442 AU
morning rise	83 Apr 23 j 06:09	17°♈25'53	
direct	83 Apr 27 j 04:54	16°♈51'39	
morning max el	83 May 10 j 22:49	23°♈39'44	23°55'54
	83 May 16 j 15:52	0°♉	
asc. node	83 Jun 03 j 01:21	29°♉32'38	
	83 Jun 03 j 06:38	0°♊	
morning set	83 Jun 04 j 06:47	2°♊06'16	
superior conj	83 Jun 11 j 07:51	17°♊14'58	1°17'27
minimum elong	83 Jun 11 j 05:22	17°♊01'32	1°17'05
max. Earth dist.	83 Jun 13 j 07:47	21°♊32'06	1.33356 AU
	83 Jun 17 j 08:48	0°♋	
evening rise	83 Jun 18 j 18:06	2°♋49'06	
	83 Jul 03 j 21:00	0°♌	
desc. node	83 Jul 12 j 15:28	12°♌43'38	
evening max el	83 Jul 22 j 06:45	23°♌46'41	27°25'07
	83 Jul 30 j 23:57	0°♍	
retrograde	83 Aug 04 j 22:06	1°♍06'23	
	83 Aug 09 j 13:18	30°℞♌	
evening set	83 Aug 12 j 02:21	28°♌26'06	
min. Earth dist.	83 Aug 15 j 17:36	25°♌12'57	0.63717 AU
inferior conj	83 Aug 18 j 07:12	22°♌34'41	-3°31'00
minimum elong	83 Aug 18 j 11:58	22°♌22'25	3°29'39
morning rise	83 Aug 24 j 22:38	17°♌15'40	
direct	83 Aug 27 j 12:19	16°♌43'10	
asc. node	83 Aug 30 j 00:31	17°♌14'34	
morning max el	83 Sep 03 j 01:44	20°♌09'04	17°54'52
	83 Sep 10 j 10:04	0°♍	
morning set	83 Sep 19 j 21:29	16°♍02'28	
	83 Sep 28 j 01:23	0°♎	
superior conj	83 Oct 02 j 08:07	7°♎06'51	0°40'57
minimum elong	83 Oct 02 j 12:14	7°♎23'44	0°40'24
max. Earth dist.	83 Oct 08 j 04:46	16°♎36'41	1.44098 AU
desc. node	83 Oct 08 j 14:46	17°♎16'37	
	83 Oct 16 j 17:10	0°♏	
evening rise	83 Oct 18 j 06:06	2°♏22'38	
	83 Nov 05 j 18:16	0°♐	
evening max el	83 Nov 15 j 14:26	12°♐26'22	20°38'38
retrograde	83 Nov 23 j 18:02	17°♐15'17	
asc. node	83 Nov 25 j 23:45	16°♐46'51	
evening set	83 Nov 27 j 14:56	15°♐49'11	
inferior conj	83 Dec 03 j 00:36	9°♐40'27	2°14'42
minimum elong	83 Dec 02 j 22:02	9°♐49'12	2°13'50
min. Earth dist.	83 Dec 03 j 14:41	8°♐52'29	0.67207 AU
morning rise	83 Dec 08 j 04:56	3°♐26'57	
direct	83 Dec 13 j 17:22	1°♐01'15	
morning max el	83 Dec 24 j 21:07	7°♐40'34	24°20'10
desc. node	84 Jan 04 j 13:58	20°♐30'52	
	84 Jan 11 j 08:19	0°♑	
morning set	84 Jan 29 j 18:30	29°♑25'40	
	84 Jan 30 j 02:23	0°♒	
max. Earth dist.	84 Feb 02 j 11:28	6°♒00'01	1.37867 AU
superior conj	84 Feb 09 j 10:29	18°♒58'38	-1°43'59
minimum elong	84 Feb 09 j 14:17	19°♒16'54	1°43'38
	84 Feb 15 j 01:40	0°♓	
evening rise	84 Feb 18 j 03:40	6°♓06'44	
asc. node	84 Feb 21 j 23:07	13°♓32'11	
	84 Mar 03 j 01:17	0°♈	
evening max el	84 Mar 05 j 20:09	3°♈04'56	19°05'26
retrograde	84 Mar 14 j 12:22	7°♈15'43	
evening set	84 Mar 16 j 18:04	7°♈00'14	
inferior conj	84 Mar 24 j 21:23	2°♈47'27	2°03'11
minimum elong	84 Mar 25 j 01:32	2°♈40'17	2°01'58
min. Earth dist.	84 Mar 27 j 22:55	0°♈41'27	0.56764 AU
	84 Mar 29 j 00:39	30°℞♓	
desc. node	84 Apr 01 j 13:09	28°♓06'13	
morning rise	84 Apr 02 j 06:01	27°♓48'50	
direct	84 Apr 07 j 07:31	26°♓48'43	
	84 Apr 16 j 11:48	0°♈	
morning max el	84 Apr 21 j 13:24	4°♈09'17	25°32'45
	84 May 10 j 01:44	0°♉	
morning set	84 May 18 j 18:35	17°♉04'02	
asc. node	84 May 19 j 22:24	19°♉31'33	
	84 May 24 j 18:14	0°♊	
superior conj	84 May 25 j 18:21	2°♊11'58	0°58'10
minimum elong	84 May 25 j 16:09	1°♊59'54	0°57'46
max. Earth dist.	84 May 26 j 16:41	4°♊13'51	1.32670 AU
evening rise	84 Jun 01 j 20:35	17°♊22'28	
	84 Jun 08 j 06:26	0°♋	
	84 Jun 27 j 15:53	0°♌	
desc. node	84 Jun 28 j 12:29	1°♌01'20	
evening max el	84 Jul 03 j 14:24	6°♌26'11	27°14'17
retrograde	84 Jul 17 j 11:01	13°♌43'05	
evening set	84 Jul 24 j 14:02	11°♌21'33	
min. Earth dist.	84 Jul 28 j 04:28	8°♌33'37	0.61898 AU
inferior conj	84 Jul 31 j 05:48	5°♌46'36	-4°13'52
minimum elong	84 Jul 31 j 10:14	5°♌36'27	4°13'02
morning rise	84 Aug 07 j 07:53	0°♌47'24	
direct	84 Aug 09 j 19:25	0°♌20'54	
asc. node	84 Aug 15 j 21:35	3°♌04'46	
morning max el	84 Aug 16 j 16:27	3°♌48'35	17°55'53
morning set	84 Sep 01 j 16:41	28°♌56'15	
	84 Sep 02 j 06:43	0°♍	
superior conj	84 Sep 12 j 09:20	17°♍59'19	1°15'02
minimum elong	84 Sep 12 j 14:12	18°♍20'17	1°14'29
max. Earth dist.	84 Sep 19 j 17:52	0°♎22'16	1.42688 AU
	84 Sep 19 j 12:27	0°♎	
desc. node	84 Sep 24 j 11:48	8°♎02'41	
evening rise	84 Sep 26 j 16:29	11°♎31'05	
	84 Oct 08 j 20:02	0°♏	
evening max el	84 Oct 28 j 10:53	25°♏55'46	21°51'10
	84 Nov 02 j 08:23	0°♐	
retrograde	84 Nov 06 j 14:34	1°♐22'20	
	84 Nov 10 j 11:52	30°℞♏	
evening set	84 Nov 10 j 22:41	29°♏39'28	
asc. node	84 Nov 11 j 20:47	28°♏50'43	
inferior conj	84 Nov 16 j 07:04	23°♏22'34	1°28'48
minimum elong	84 Nov 16 j 05:10	23°♏29'10	1°28'03
min. Earth dist.	84 Nov 16 j 09:49	23°♏13'03	0.67604 AU
morning rise	84 Nov 21 j 11:30	17°♏10'04	
direct	84 Nov 26 j 08:43	15°♏06'12	
morning max el	84 Dec 06 j 06:53	20°♏59'33	22°52'19
	84 Dec 13 j 23:35	0°♐	
desc. node	84 Dec 21 j 11:01	10°♐12'00	
	85 Jan 03 j 15:03	0°♑	
morning set	85 Jan 09 j 15:07	9°♑41'48	
max. Earth dist.	85 Jan 14 j 07:08	17°♑33'25	1.39996 AU
	85 Jan 21 j 08:12	0°♒	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

superior conj	85 Jan 22 j 01:14	1°♒17'38	-1°58'19
minimum elong	85 Jan 22 j 03:39	1°♒28'36	1°58'13
evening rise	85 Jan 31 j 18:19	19°♒32'43	
	85 Feb 06 j 08:25	0°♓	
asc. node	85 Feb 07 j 20:08	2°♓38'52	
evening max el	85 Feb 16 j 24:00	15°♓36'48	18°27'21
retrograde	85 Feb 24 j 11:34	19°♓17'36	
evening set	85 Feb 26 j 22:28	18°♓55'03	
inferior conj	85 Mar 06 j 07:17	14°♓22'13	3°09'28
minimum elong	85 Mar 06 j 11:03	14°♓14'36	3°08'43
min. Earth dist.	85 Mar 09 j 17:38	11°♓37'22	0.58653 AU
morning rise	85 Mar 13 j 21:04	8°♓54'52	
desc. node	85 Mar 19 j 10:12	7°♓19'30	
direct	85 Mar 19 j 23:17	7°♓18'43	
morning max el	85 Apr 03 j 07:29	14°♓57'44	26°50'34
	85 Apr 15 j 10:14	0°♈	
	85 May 02 j 06:28	0°♉	
morning set	85 May 03 j 04:50	1°♉56'18	
asc. node	85 May 06 j 19:28	9°♉38'40	
superior conj	85 May 10 j 06:06	17°♉10'46	0°35'44
minimum elong	85 May 10 j 04:35	17°♉02'27	0°35'26
max. Earth dist.	85 May 10 j 05:11	17°♉05'46	1.32349 AU
	85 May 16 j 03:41	0°♊	
evening rise	85 May 17 j 04:18	2°♊10'01	
	85 Jun 01 j 06:20	0°♋	
desc. node	85 Jun 15 j 09:30	18°♋06'53	
evening max el	85 Jun 15 j 16:04	18°♋22'37	26°30'20
retrograde	85 Jun 29 j 15:56	25°♋36'41	
evening set	85 Jul 06 j 06:28	23°♋46'40	
min. Earth dist.	85 Jul 10 j 05:14	21°♋09'21	0.59868 AU
inferior conj	85 Jul 13 j 13:14	18°♋30'35	-4°41'13
minimum elong	85 Jul 13 j 15:29	18°♋26'04	4°41'04
morning rise	85 Jul 21 j 02:31	13°♋53'49	
direct	85 Jul 23 j 14:10	13°♋31'20	
morning max el	85 Jul 31 j 03:11	17°♋10'21	18°16'21
asc. node	85 Aug 02 j 18:40	20°♋05'50	
	85 Aug 09 j 06:58	0°♌	
morning set	85 Aug 16 j 02:31	12°♌32'27	
superior conj	85 Aug 25 j 11:42	0°♍06'26	1°36'09
minimum elong	85 Aug 25 j 14:57	0°♍21'14	1°35'55
	85 Aug 25 j 10:17	0°♍	
max. Earth dist.	85 Sep 02 j 01:28	13°♍27'53	1.40852 AU
evening rise	85 Sep 06 j 20:49	21°♍29'56	
desc. node	85 Sep 11 j 08:50	28°♍44'18	
	85 Sep 12 j 04:03	0°♎	
	85 Oct 02 j 23:39	0°♏	
evening max el	85 Oct 11 j 02:13	9°♏26'07	23°10'15
retrograde	85 Oct 21 j 08:31	15°♏31'02	
evening set	85 Oct 26 j 05:41	13°♏30'14	
asc. node	85 Oct 29 j 17:52	9°♏38'55	
inferior conj	85 Oct 31 j 14:13	7°♏08'50	0°38'03
minimum elong	85 Oct 31 j 13:20	7°♏11'53	0°37'40
min. Earth dist.	85 Oct 31 j 06:25	7°♏35'40	0.67668 AU
morning rise	85 Nov 05 j 20:56	0°♏59'25	
	85 Nov 07 j 09:13	30°℞♎	
direct	85 Nov 10 j 03:34	29°♎18'20	
	85 Nov 13 j 02:15	0°♏	
morning max el	85 Nov 18 j 21:38	4°♏26'06	21°28'18
desc. node	85 Dec 08 j 08:04	0°♐16'39	
	85 Dec 08 j 03:35	0°♐	
morning set	85 Dec 20 j 06:49	18°♐35'52	
	85 Dec 27 j 08:22	0°♑	
max. Earth dist.	85 Dec 27 j 08:12	29°♐59'16	1.42014 AU
superior conj	86 Jan 03 j 18:55	12°♑33'52	-2°01'39
minimum elong	86 Jan 03 j 17:47	12°♑28'58	2°01'38
	86 Jan 13 j 13:48	0°♒	
evening rise	86 Jan 14 j 20:15	2°♒18'40	
asc. node	86 Jan 25 j 17:11	21°♒14'00	
evening max el	86 Jan 31 j 09:31	28°♒32'57	18°09'20
	86 Feb 02 j 01:10	0°♓	
retrograde	86 Feb 07 j 04:10	1°♓59'48	
evening set	86 Feb 09 j 19:45	1°♓28'38	
	86 Feb 12 j 12:09	30°℞♒	
inferior conj	86 Feb 16 j 13:13	26°♒34'43	3°42'34
minimum elong	86 Feb 16 j 14:54	26°♒30'47	3°42'25
min. Earth dist.	86 Feb 19 j 18:43	23°♒34'39	0.60748 AU
morning rise	86 Feb 23 j 08:18	20°♒47'38	
direct	86 Mar 02 j 02:33	18°♒34'53	
desc. node	86 Mar 06 j 07:15	19°♒22'08	
morning max el	86 Mar 16 j 07:55	26°♒24'18	27°36'59
	86 Mar 19 j 17:12	0°♓	
	86 Apr 08 j 21:55	0°♈	
morning set	86 Apr 17 j 11:44	16°♈36'53	
max. Earth dist.	86 Apr 23 j 17:27	29°♈54'50	1.32390 AU
asc. node	86 Apr 23 j 16:31	29°♈49'43	
	86 Apr 23 j 18:24	0°♉	
superior conj	86 Apr 24 j 17:24	2°♉05'43	0°10'58
minimum elong	86 Apr 24 j 16:54	2°♉02'58	0°10'52
behind sun begin	86 Apr 24 j 13:12	1°♉42'44	
behind sun end	86 Apr 24 j 20:36	2°♉23'13	
evening rise	86 May 01 j 15:03	17°♉04'21	
	86 May 08 j 01:04	0°♊	
evening max el	86 May 28 j 10:47	29°♊34'18	25°17'23
	86 May 28 j 21:39	0°♋	
desc. node	86 Jun 02 j 06:31	3°♋31'11	
retrograde	86 Jun 11 j 11:27	6°♋43'33	
evening set	86 Jun 17 j 00:08	5°♋32'26	
min. Earth dist.	86 Jun 21 j 22:34	2°♋47'26	0.57846 AU
inferior conj	86 Jun 25 j 02:07	0°♋37'27	-4°42'23
minimum elong	86 Jun 25 j 00:08	0°♋40'53	4°42'15
	86 Jun 25 j 23:55	30°℞♊	
morning rise	86 Jul 03 j 02:50	26°♊22'58	
direct	86 Jul 05 j 16:02	26°♊03'20	
	86 Jul 14 j 04:25	0°♋	
morning max el	86 Jul 14 j 06:58	0°♋05'57	18°57'21
asc. node	86 Jul 20 j 15:45	8°♋03'02	
morning set	86 Jul 30 j 22:46	26°♋40'15	
	86 Aug 01 j 15:18	0°♌	
superior conj	86 Aug 08 j 09:38	13°♌13'00	1°45'50
minimum elong	86 Aug 08 j 10:44	13°♌18'17	1°45'48
max. Earth dist.	86 Aug 15 j 04:49	25°♌49'58	1.38837 AU
	86 Aug 17 j 13:15	0°♍	
evening rise	86 Aug 19 j 01:55	2°♍39'14	
desc. node	86 Aug 29 j 05:52	19°♍17'49	
	86 Sep 05 j 08:58	0°♎	
evening max el	86 Sep 23 j 14:29	22°♎59'55	24°29'46
retrograde	86 Oct 04 j 22:52	29°♎38'15	
evening set	86 Oct 10 j 10:15	27°♎19'53	
min. Earth dist.	86 Oct 15 j 02:08	21°♎58'52	0.67416 AU
inferior conj	86 Oct 15 j 20:21	20°♎57'53	-0°16'03
minimum elong	86 Oct 15 j 20:45	20°♎56'34	0°15'53
transit middle	86 Oct 15 j 20:45	20°♎56'34	0°15'53
transit begin	86 Oct 15 j 20:09	20°♎58'32	
transit end	86 Oct 15 j 21:20	20°♎54'36	
asc. node	86 Oct 16 j 14:56	19°♎56'03	
morning rise	86 Oct 21 j 07:18	14°♎54'02	
direct	86 Oct 25 j 00:58	13°♎33'55	
morning max el	86 Nov 01 j 19:42	18°♎02'56	20°14'20
	86 Nov 11 j 07:52	0°♏	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

desc. node	86 Nov 25 j 05:06	20°♏38'18	
morning set	86 Nov 29 j 04:09	26°♏43'58	
	86 Dec 01 j 06:40	0°♐	
max. Earth dist.	86 Dec 09 j 16:30	13°♐16'30	1.43651 AU
superior conj	86 Dec 15 j 10:40	22°♐37'12	-1°49'20
minimum elong	86 Dec 15 j 04:37	22°♐12'22	1°48'56
	86 Dec 19 j 21:11	0°♑	
evening rise	86 Dec 28 j 05:15	14°♑16'05	
	87 Jan 06 j 09:51	0°♒	
asc. node	87 Jan 12 j 14:14	9°♒07'43	
evening max el	87 Jan 14 j 21:46	11°♒45'19	18°10'47
retrograde	87 Jan 21 j 09:43	15°♒11'47	
evening set	87 Jan 24 j 05:48	14°♒31'00	
inferior conj	87 Jan 30 j 11:30	9°♒16'50	3°49'47
minimum elong	87 Jan 30 j 11:03	9°♒18'02	3°49'47
min. Earth dist.	87 Feb 02 j 04:28	6°♒25'15	0.62761 AU
morning rise	87 Feb 05 j 15:19	3°♒17'54	
direct	87 Feb 12 j 15:14	0°♒38'11	
desc. node	87 Feb 21 j 04:17	3°♒53'43	
morning max el	87 Feb 26 j 13:51	8°♒31'13	27°46'29
	87 Mar 15 j 04:09	0°♓	
	87 Apr 01 j 01:37	0°♈	
morning set	87 Apr 01 j 13:01	0°♈57'18	
max. Earth dist.	87 Apr 07 j 01:21	12°♈25'52	1.32819 AU
superior conj	87 Apr 09 j 02:30	16°♈49'59	-0°15'24
minimum elong	87 Apr 09 j 03:14	16°♈53'56	0°15'14
behind sun begin	87 Apr 09 j 01:45	16°♈45'59	
behind sun end	87 Apr 09 j 04:42	17°♈01'54	
asc. node	87 Apr 10 j 13:33	19°♈59'49	
	87 Apr 15 j 04:41	0°♉	
evening rise	87 Apr 16 j 02:52	1°♉57'47	
	87 May 01 j 13:53	0°♊	
evening max el	87 May 10 j 01:23	10°♊14'17	23°46'07
desc. node	87 May 20 j 03:33	16°♊37'06	
retrograde	87 May 23 j 19:01	17°♊07'21	
evening set	87 May 27 j 20:54	16°♊30'37	
min. Earth dist.	87 Jun 03 j 12:13	13°♊22'50	0.56161 AU
inferior conj	87 Jun 05 j 18:46	12°♊00'05	-4°04'25
minimum elong	87 Jun 05 j 12:24	12°♊09'48	4°03'11
morning rise	87 Jun 14 j 06:44	8°♊02'00	
direct	87 Jun 16 j 22:30	7°♊44'03	
morning max el	87 Jun 27 j 00:55	12°♊24'32	19°59'22
asc. node	87 Jul 07 j 12:48	26°♊42'28	
	87 Jul 09 j 08:48	0°♋	
morning set	87 Jul 15 j 02:12	11°♋10'04	
superior conj	87 Jul 22 j 21:41	27°♋02'20	1°46'16
minimum elong	87 Jul 22 j 20:59	26°♋58'49	1°46'14
	87 Jul 24 j 09:25	0°♌	
max. Earth dist.	87 Jul 28 j 08:59	7°♌42'56	1.36897 AU
evening rise	87 Aug 01 j 06:10	14°♌55'17	
	87 Aug 10 j 00:14	0°♍	
desc. node	87 Aug 16 j 02:54	9°♍37'47	
	87 Aug 31 j 00:33	0°♎	
evening max el	87 Sep 06 j 02:00	6°♎37'04	25°42'36
retrograde	87 Sep 18 j 08:41	13°♎39'04	
evening set	87 Sep 24 j 10:35	11°♎05'39	
min. Earth dist.	87 Sep 28 j 18:32	6°♎20'12	0.66835 AU
inferior conj	87 Sep 29 j 23:40	4°♎47'16	-1°12'02
minimum elong	87 Sep 30 j 01:29	4°♎41'26	1°11'16
asc. node	87 Oct 03 j 11:59	0°♎39'47	
	87 Oct 04 j 04:51	30°℞♍	
morning rise	87 Oct 05 j 16:37	28°♍51'46	
direct	87 Oct 08 j 23:26	27°♍49'30	
	87 Oct 14 j 01:16	0°♎	
morning max el	87 Oct 16 j 01:13	1°♎49'02	19°14'15
	87 Nov 04 j 21:43	0°♏	
morning set	87 Nov 08 j 07:19	5°♏17'41	
desc. node	87 Nov 12 j 02:09	11°♏12'06	
max. Earth dist.	87 Nov 22 j 07:10	27°♏12'51	1.44703 AU
	87 Nov 24 j 01:27	0°♐	
superior conj	87 Nov 25 j 00:52	1°♐32'48	-1°18'35
minimum elong	87 Nov 24 j 16:34	0°♐59'53	1°17'42
evening rise	87 Dec 09 j 17:02	25°♐17'46	
	87 Dec 12 j 13:21	0°♑	
evening max el	87 Dec 29 j 09:59	25°♑07'27	18°30'52
asc. node	87 Dec 30 j 11:16	26°♑07'58	
retrograde	88 Jan 04 j 23:53	28°♑45'11	
evening set	88 Jan 08 j 01:03	27°♑53'37	
inferior conj	88 Jan 13 j 22:08	22°♑20'49	3°38'15
minimum elong	88 Jan 13 j 20:12	22°♑26'29	3°38'01
min. Earth dist.	88 Jan 15 j 23:49	19°♑55'20	0.64496 AU
morning rise	88 Jan 19 j 14:51	16°♑14'48	
direct	88 Jan 26 j 11:21	13°♑23'04	
desc. node	88 Feb 08 j 01:18	20°♑18'15	
morning max el	88 Feb 08 j 22:48	21°♑10'54	27°20'30
	88 Feb 16 j 15:12	0°♒	
	88 Mar 07 j 06:43	0°♓	
morning set	88 Mar 15 j 05:56	14°♓48'35	
max. Earth dist.	88 Mar 20 j 01:03	24°♓27'25	1.33672 AU
	88 Mar 22 j 16:49	0°♈	
superior conj	88 Mar 23 j 07:30	1°♈17'29	-0°42'20
minimum elong	88 Mar 23 j 09:32	1°♈28'18	0°41'56
asc. node	88 Mar 27 j 10:35	10°♈05'06	
evening rise	88 Mar 30 j 13:56	16°♈44'14	
	88 Apr 06 j 05:37	0°♉	
evening max el	88 Apr 20 j 18:21	20°♉50'47	22°11'10
retrograde	88 May 03 j 13:50	27°♉08'14	
evening set	88 May 06 j 09:16	26°♉50'48	
desc. node	88 May 06 j 00:33	26°♉54'58	
min. Earth dist.	88 May 15 j 00:51	23°♉08'36	0.55160 AU
inferior conj	88 May 15 j 18:44	22°♉43'24	-2°40'49
minimum elong	88 May 15 j 11:57	22°♉52'57	2°38'45
morning rise	88 May 24 j 16:13	18°♉48'56	
direct	88 May 27 j 13:41	18°♉30'03	
morning max el	88 Jun 08 j 07:35	23°♉59'49	21°21'08
	88 Jun 13 j 15:41	0°♊	
asc. node	88 Jun 23 j 09:50	15°♊53'57	
morning set	88 Jun 28 j 10:20	25°♊55'21	
	88 Jun 30 j 09:20	0°♋	
superior conj	88 Jul 05 j 19:38	11°♋22'06	1°39'24
minimum elong	88 Jul 05 j 17:45	11°♋12'20	1°39'15
max. Earth dist.	88 Jul 09 j 20:10	19°♋34'31	1.35230 AU
evening rise	88 Jul 14 j 04:54	28°♋05'47	
	88 Jul 15 j 05:05	0°♌	
desc. node	88 Aug 01 j 23:56	29°♌37'31	
	88 Aug 02 j 06:06	0°♍	
evening max el	88 Aug 18 j 14:00	20°♍12'37	26°40'50
retrograde	88 Aug 31 j 13:17	27°♍27'12	
evening set	88 Sep 07 j 04:32	24°♍43'51	
min. Earth dist.	88 Sep 11 j 05:06	20°♍35'35	0.65911 AU
inferior conj	88 Sep 12 j 22:11	18°♍33'14	-2°08'11
minimum elong	88 Sep 13 j 01:26	18°♍23'32	2°06'56
morning rise	88 Sep 18 j 22:47	12°♍49'19	
asc. node	88 Sep 19 j 09:02	12°♍36'24	
direct	88 Sep 21 j 21:06	12°♍01'15	
morning max el	88 Sep 28 j 12:40	15°♍40'44	18°30'02
	88 Oct 09 j 00:15	0°♎	
morning set	88 Oct 18 j 11:27	15°♎08'52	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

	88 Oct 27 j 18:29	0°♏		
desc. node	88 Oct 28 j 23:12	1°♏53'41		
superior conj	88 Nov 03 j 01:32	9°♏56'08	-0°33'06	
minimum elong	88 Nov 02 j 21:12	9°♏39'04	0°32'31	
max. Earth dist.	88 Nov 04 j 01:45	11°♏31'21	1.45047 AU	
	88 Nov 15 j 19:48	0°♐		
evening rise	88 Nov 19 j 05:06	5°♐20'50		
greatest brilliancy	88 Nov 28 j 16:13	20°♐16'41	-0.8m	
	88 Dec 05 j 02:14	0°♑		
evening max el	88 Dec 11 j 19:43	8°♑33'56	19°08'23	
asc. node	88 Dec 16 j 08:17	11°♑59'59		
retrograde	88 Dec 18 j 19:07	12°♑33'00		
evening set	88 Dec 22 j 02:34	11°♑29'16		
inferior conj	88 Dec 27 j 17:36	5°♑40'02	3°13'15	
minimum elong	88 Dec 27 j 14:56	5°♑48'29	3°12'40	
min. Earth dist.	88 Dec 29 j 04:13	3°♑50'27	0.65858 AU	
	89 Jan 01 j 13:52	30°℞♐		
morning rise	89 Jan 02 j 03:03	29°♐29'35		
direct	89 Jan 08 j 13:37	26°♐40'17		
	89 Jan 16 j 14:31	0°♑		
morning max el	89 Jan 21 j 08:20	4°♑11'41	26°25'06	
desc. node	89 Jan 24 j 22:20	8°♑03'25		
	89 Feb 10 j 01:21	0°♒		
morning set	89 Feb 26 j 10:45	27°♒58'43		
	89 Feb 27 j 12:23	0°♓		
max. Earth dist.	89 Mar 02 j 13:38	5°♓54'33	1.34978 AU	
superior conj	89 Mar 07 j 06:06	15°♓20'28	-1°08'37	
minimum elong	89 Mar 07 j 09:19	15°♓36'57	1°08'04	
asc. node	89 Mar 14 j 07:37	0°♈00'41		
	89 Mar 14 j 07:29	0°♈		
evening rise	89 Mar 14 j 22:20	1°♈16'44		
	89 Apr 01 j 01:19	0°♉		
evening max el	89 Apr 02 j 19:54	1°♉50'19	20°45'24	
retrograde	89 Apr 14 j 02:45	7°♉17'27		
evening set	89 Apr 16 j 07:10	7°♉06'01		
desc. node	89 Apr 22 j 21:32	4°♉36'37		
inferior conj	89 Apr 25 j 12:53	3°♉08'19	-0°45'30	
minimum elong	89 Apr 25 j 10:44	3°♉11'24	0°44'42	
min. Earth dist.	89 Apr 26 j 13:46	2°♉32'45	0.55064 AU	
	89 May 01 j 13:09	30°℞♈		
morning rise	89 May 04 j 13:38	28°♈59'18		
direct	89 May 08 j 00:17	28°♈33'43		
	89 May 14 j 05:05	0°♉		
morning max el	89 May 21 j 04:15	4°♉54'57	22°57'44	
	89 Jun 07 j 11:55	0°♊		
asc. node	89 Jun 10 j 06:53	5°♊29'22		
morning set	89 Jun 12 j 21:15	10°♊50'30		
superior conj	89 Jun 20 j 00:21	26°♊02'58	1°26'49	
minimum elong	89 Jun 19 j 21:56	25°♊50'01	1°26'31	
	89 Jun 21 j 21:05	0°♋		
max. Earth dist.	89 Jun 22 j 16:59	1°♋44'27	1.33926 AU	
evening rise	89 Jun 27 j 17:22	11°♋57'45		
	89 Jul 07 j 12:01	0°♌		
desc. node	89 Jul 19 j 20:55	19°♌08'26		
	89 Jul 28 j 13:50	0°♍		
evening max el	89 Aug 01 j 01:48	3°♍36'26	27°16'54	
retrograde	89 Aug 14 j 12:12	10°♍55'28		
evening set	89 Aug 21 j 13:33	8°♍10'36		
min. Earth dist.	89 Aug 25 j 07:34	4°♍38'49	0.64625 AU	
inferior conj	89 Aug 27 j 13:39	2°♍11'28	-3°02'09	
minimum elong	89 Aug 27 j 18:03	1°♍59'27	3°00'43	
	89 Aug 29 j 15:28	30°℞♌		
morning rise	89 Sep 02 j 23:21	26°♌42'33		
direct	89 Sep 05 j 15:33	26°♌05'14		
asc. node	89 Sep 06 j 06:04	26°♌07'09		
morning max el	89 Sep 12 j 03:41	29°♌33'24	18°02'42	
	89 Sep 12 j 14:02	0°♍		
morning set	89 Sep 29 j 20:06	26°♍23'53		
	89 Oct 01 j 23:33	0°♎		
superior conj	89 Oct 13 j 10:36	18°♎49'18	0°15'51	
minimum elong	89 Oct 13 j 12:29	18°♎56'50	0°15'35	
behind sun begin	89 Oct 13 j 09:32	18°♎45'01		
behind sun end	89 Oct 13 j 15:26	19°♎08'39		
desc. node	89 Oct 15 j 20:15	22°♎39'53		
max. Earth dist.	89 Oct 17 j 20:40	25°♎52'08	1.44647 AU	
	89 Oct 20 j 11:30	0°♏		
evening rise	89 Oct 29 j 20:32	14°♏35'46		
	89 Nov 08 j 22:06	0°♐		
greatest brilliancy	89 Nov 12 j 17:29	5°♐42'19	-0.6m	
evening max el	89 Nov 25 j 01:00	22°♐02'15	20°01'40	
retrograde	89 Dec 02 j 16:38	26°♐31'12		
asc. node	89 Dec 03 j 05:18	26°♐29'37		
evening set	89 Dec 06 j 08:04	25°♐13'41		
inferior conj	89 Dec 11 j 19:10	19°♐10'53	2°38'20	
minimum elong	89 Dec 11 j 16:24	19°♐20'06	2°37'30	
min. Earth dist.	89 Dec 12 j 16:12	18°♐00'37	0.66825 AU	
morning rise	89 Dec 17 j 00:34	12°♐57'55		
direct	89 Dec 22 j 21:28	10°♐21'48		
morning max el	90 Jan 03 j 17:11	17°♐23'48	25°09'10	
desc. node	90 Jan 11 j 19:25	26°♐46'09		
	90 Jan 14 j 06:38	0°♑		
	90 Feb 03 j 01:19	0°♒		
morning set	90 Feb 08 j 22:34	10°♒14'05		
max. Earth dist.	90 Feb 12 j 15:08	16°♒59'00	1.36717 AU	
superior conj	90 Feb 18 j 19:27	28°♒51'05	-1°32'24	
minimum elong	90 Feb 18 j 23:19	29°♒10'12	1°31'55	
	90 Feb 19 j 09:23	0°♓		
evening rise	90 Feb 27 j 01:59	15°♓29'06		
asc. node	90 Mar 01 j 04:38	19°♓41'54		
	90 Mar 06 j 16:09	0°♈		
evening max el	90 Mar 16 j 08:42	13°♈26'55	19°36'17	
retrograde	90 Mar 25 j 22:34	18°♈02'56		
evening set	90 Mar 28 j 01:37	17°♈50'19		
inferior conj	90 Apr 05 j 15:51	13°♈46'03	1°09'02	
minimum elong	90 Apr 05 j 18:40	13°♈41'35	1°08'06	
min. Earth dist.	90 Apr 08 j 04:07	12°♈10'40	0.55909 AU	
desc. node	90 Apr 09 j 18:34	11°♈13'18		
morning rise	90 Apr 14 j 09:08	9°♈06'30		
direct	90 Apr 18 j 18:37	8°♈23'10		
morning max el	90 May 02 j 19:30	15°♈26'50	24°38'42	
	90 May 14 j 09:38	0°♉		
morning set	90 May 28 j 09:12	25°♉49'10		
asc. node	90 May 28 j 03:56	25°♉21'27		
	90 May 30 j 08:20	0°♊		
superior conj	90 Jun 04 j 09:20	10°♊56'18	1°09'42	
minimum elong	90 Jun 04 j 06:55	10°♊43'08	1°09'19	
max. Earth dist.	90 Jun 05 j 22:09	14°♊15'35	1.33011 AU	
evening rise	90 Jun 11 j 15:38	26°♊18'46		
	90 Jun 13 j 11:36	0°♋		
	90 Jun 30 j 21:31	0°♌		
desc. node	90 Jul 06 j 17:55	7°♌57'50		
evening max el	90 Jul 14 j 11:26	16°♌35'02	27°24'29	
retrograde	90 Jul 28 j 05:10	23°♌54'04		
evening set	90 Aug 04 j 10:15	21°♌19'40		
min. Earth dist.	90 Aug 08 j 00:13	18°♌19'02	0.62981 AU	
inferior conj	90 Aug 10 j 19:19	15°♌35'02	-3°50'32	
minimum elong	90 Aug 11 j 00:08	15°♌23'15	3°49'23	
morning rise	90 Aug 17 j 15:14	10°♌24'26		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

direct	90 Aug 20 j 03:44	9°♌54'47	
asc. node	90 Aug 24 j 03:08	11°♌09'54	
morning max el	90 Aug 26 j 19:25	13°♌20'07	17°53'02
	90 Sep 07 j 04:38	0°♍	
morning set	90 Sep 12 j 04:24	8°♍46'13	
superior conj	90 Sep 23 j 19:58	28°♍55'13	0°56'59
minimum elong	90 Sep 24 j 00:49	29°♍15'33	0°56'23
	90 Sep 24 j 11:27	0°♎	
max. Earth dist.	90 Sep 30 j 12:10	9°♎53'46	1.43563 AU
desc. node	90 Oct 02 j 17:17	13°♎26'48	
evening rise	90 Oct 09 j 03:25	23°♎32'28	
	90 Oct 13 j 08:18	0°♏	
	90 Nov 03 j 06:08	0°♐	
evening max el	90 Nov 08 j 00:37	5°♐30'41	21°08'18
retrograde	90 Nov 16 j 14:09	10°♐35'49	
asc. node	90 Nov 20 j 02:21	9°♐26'28	
evening set	90 Nov 20 j 15:32	9°♐02'44	
inferior conj	90 Nov 26 j 00:27	2°♐49'50	1°55'56
minimum elong	90 Nov 25 j 22:07	2°♐57'51	1°55'04
min. Earth dist.	90 Nov 26 j 09:32	2°♐18'33	0.67415 AU
	90 Nov 28 j 02:50	30°℞♏	
morning rise	90 Dec 01 j 04:31	26°♏36'20	
direct	90 Dec 06 j 10:20	24°♏19'48	
	90 Dec 16 j 09:29	0°♐	
morning max el	90 Dec 17 j 01:54	0°♐40'41	23°42'47
desc. node	90 Dec 29 j 16:30	16°♐09'39	
	91 Jan 08 j 05:13	0°♑	
morning set	91 Jan 21 j 11:17	21°♑18'41	
max. Earth dist.	91 Jan 25 j 10:23	28°♑10'45	1.38761 AU
	91 Jan 26 j 11:02	0°♒	
superior conj	91 Feb 01 j 19:49	11°♒39'55	-1°51'09
minimum elong	91 Feb 01 j 23:15	11°♒56'07	1°50'53
evening rise	91 Feb 10 j 22:18	29°♒14'35	
	91 Feb 11 j 07:38	0°♓	
asc. node	91 Feb 16 j 01:40	9°♓03'30	
evening max el	91 Feb 27 j 07:54	25°♓41'21	18°46'47
retrograde	91 Mar 07 j 10:44	29°♓37'39	
evening set	91 Mar 09 j 18:27	29°♓19'35	
inferior conj	91 Mar 17 j 13:39	24°♓58'52	2°35'42
minimum elong	91 Mar 17 j 18:00	24°♓50'51	2°34'35
min. Earth dist.	91 Mar 20 j 21:03	22°♓33'27	0.57510 AU
morning rise	91 Mar 25 j 14:31	19°♓46'35	
desc. node	91 Mar 27 j 15:37	19°♓01'47	
direct	91 Mar 31 j 03:05	18°♓31'53	
morning max el	91 Apr 14 j 11:15	26°♓02'39	26°09'07
	91 Apr 18 j 04:44	0°♈	
	91 May 07 j 12:44	0°♉	
morning set	91 May 12 j 20:34	10°♉45'49	
asc. node	91 May 15 j 00:59	15°♉24'48	
superior conj	91 May 19 j 20:38	25°♉55'26	0°49'00
minimum elong	91 May 19 j 18:40	25°♉44'42	0°48'38
max. Earth dist.	91 May 20 j 08:53	27°♉02'40	1.32480 AU
	91 May 21 j 17:19	0°♊	
evening rise	91 May 26 j 20:40	10°♊59'29	
	91 Jun 05 j 17:20	0°♋	
desc. node	91 Jun 23 j 14:55	25°♋48'13	
evening max el	91 Jun 26 j 16:40	28°♋57'00	26°59'33
	91 Jun 27 j 20:00	0°♌	
retrograde	91 Jul 10 j 15:14	6°♌13'38	
evening set	91 Jul 17 j 14:23	4°♌03'54	
min. Earth dist.	91 Jul 21 j 06:44	1°♌22'37	0.61047 AU
	91 Jul 22 j 21:32	30°℞♋	
inferior conj	91 Jul 24 j 11:55	28°♋36'23	-4°27'57
minimum elong	91 Jul 24 j 15:42	28°♋28'12	4°27'25

morning rise	91 Jul 31 j 18:46	23°♋46'41	
direct	91 Aug 03 j 05:57	23°♋22'15	
morning max el	91 Aug 10 j 08:52	26°♋53'41	18°02'07
asc. node	91 Aug 11 j 00:13	27°♋32'20	
	91 Aug 13 j 02:59	0°♌	
morning set	91 Aug 26 j 06:26	21°♌59'35	
	91 Aug 30 j 14:33	0°♍	
superior conj	91 Sep 05 j 08:30	10°♍21'20	1°25'30
minimum elong	91 Sep 05 j 12:50	10°♍40'30	1°25'06
max. Earth dist.	91 Sep 12 j 22:24	23°♍21'34	1.41946 AU
	91 Sep 16 j 23:31	0°♎	
evening rise	91 Sep 18 j 19:55	2°♎58'18	
desc. node	91 Sep 19 j 14:17	4°♎11'28	
	91 Oct 06 j 18:24	0°♏	
evening max el	91 Oct 21 j 18:41	19°♏00'09	22°24'23
retrograde	91 Oct 31 j 09:49	24°♏43'44	
evening set	91 Nov 04 j 23:10	22°♏53'32	
asc. node	91 Nov 06 j 23:26	20°♏54'32	
inferior conj	91 Nov 10 j 07:27	16°♏34'10	1°07'47
minimum elong	91 Nov 10 j 05:57	16°♏39'24	1°07'09
min. Earth dist.	91 Nov 10 j 05:43	16°♏40'11	0.67669 AU
morning rise	91 Nov 15 j 12:34	10°♏22'25	
direct	91 Nov 20 j 03:25	8°♏28'12	
morning max el	91 Nov 29 j 13:18	14°♏02'09	22°15'32
	91 Dec 12 j 08:06	0°♐	
desc. node	91 Dec 16 j 13:32	6°♐01'46	
	92 Jan 01 j 04:51	0°♑	
morning set	92 Jan 01 j 19:19	0°♑58'29	
max. Earth dist.	92 Jan 07 j 07:11	10°♑02'46	1.40880 AU
superior conj	92 Jan 15 j 02:17	23°♑33'54	-2°01'22
minimum elong	92 Jan 15 j 03:27	23°♑39'08	2°01'21
	92 Jan 18 j 15:43	0°♒	
evening rise	92 Jan 25 j 08:01	12°♒24'21	
asc. node	92 Feb 02 j 22:44	27°♒58'00	
	92 Feb 04 j 04:42	0°♓	
evening max el	92 Feb 10 j 14:37	8°♓25'08	18°17'20
retrograde	92 Feb 17 j 17:33	11°♓57'49	
evening set	92 Feb 20 j 06:33	11°♓31'46	
inferior conj	92 Feb 27 j 08:26	6°♓50'19	3°27'09
minimum elong	92 Feb 27 j 11:24	6°♓43'55	3°26'41
min. Earth dist.	92 Mar 01 j 18:14	3°♓55'41	0.59539 AU
morning rise	92 Mar 05 j 13:59	1°♓13'34	
	92 Mar 08 j 05:39	30°℞♒	
direct	92 Mar 12 j 00:32	29°♒20'51	
desc. node	92 Mar 13 j 12:41	29°♒26'52	
	92 Mar 15 j 21:50	0°♓	
morning max el	92 Mar 26 j 07:46	7°♓05'28	27°14'33
	92 Apr 12 j 13:02	0°♈	
morning set	92 Apr 26 j 05:35	25°♈33'30	
	92 Apr 28 j 08:08	0°♉	
asc. node	92 Apr 30 j 22:02	5°♉33'55	
superior conj	92 May 03 j 08:23	10°♉53'14	0°25'30
minimum elong	92 May 03 j 07:16	10°♉47'06	0°25'15
max. Earth dist.	92 May 02 j 21:35	9°♉53'57	1.32320 AU
evening rise	92 May 10 j 05:55	25°♉50'39	
	92 May 12 j 05:52	0°♊	
	92 May 29 j 15:11	0°♋	
evening max el	92 Jun 07 j 15:27	10°♋34'08	26°02'27
desc. node	92 Jun 09 j 11:56	12°♋14'39	
retrograde	92 Jun 21 j 16:29	17°♋46'37	
evening set	92 Jun 27 j 21:19	16°♋13'12	
min. Earth dist.	92 Jul 02 j 04:12	13°♋34'26	0.58986 AU
inferior conj	92 Jul 05 j 11:48	11°♋05'36	-4°45'45
minimum elong	92 Jul 05 j 12:28	11°♋04'21	4°45'43

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

morning rise	92 Jul 13 j 05:54	6°♋38'15	
direct	92 Jul 15 j 17:59	6°♋17'08	
morning max el	92 Jul 23 j 16:56	10°♋05'02	18°31'12
asc. node	92 Jul 27 j 21:17	14°♋58'44	
	92 Aug 05 j 19:45	0°♌	
morning set	92 Aug 08 j 21:11	5°♌50'32	
superior conj	92 Aug 17 j 19:52	22°♌55'30	1°41'31
minimum elong	92 Aug 17 j 22:12	23°♌06'23	1°41'24
	92 Aug 21 j 16:37	0°♍	
max. Earth dist.	92 Aug 25 j 03:44	6°♍07'55	1.40003 AU
evening rise	92 Aug 29 j 10:38	13°♍26'58	
desc. node	92 Sep 05 j 11:18	24°♍50'21	
	92 Sep 08 j 19:18	0°♎	
	92 Sep 30 j 22:31	0°♏	
evening max el	92 Oct 03 j 08:36	2°♏32'51	23°44'30
retrograde	92 Oct 14 j 02:15	8°♏52'28	
evening set	92 Oct 19 j 05:19	6°♏44'18	
asc. node	92 Oct 23 j 20:29	1°♏23'17	
min. Earth dist.	92 Oct 24 j 02:16	1°♏03'40	0.67602 AU
inferior conj	92 Oct 24 j 14:24	0°♏22'22	0°15'27
minimum elong	92 Oct 24 j 14:01	0°♏23'38	0°15'17
transit middle	92 Oct 24 j 14:01	0°♏23'38	0°15'17
transit begin	92 Oct 24 j 13:05	0°♏26'50	
transit end	92 Oct 24 j 14:58	0°♏20'25	
	92 Oct 24 j 20:58	30°℞♎	
morning rise	92 Oct 29 j 22:40	24°♎14'52	
direct	92 Nov 02 j 23:40	22°♎42'46	
morning max el	92 Nov 11 j 06:53	27°♎32'44	20°55'16
	92 Nov 13 j 13:18	0°♏	
desc. node	92 Dec 02 j 10:35	26°♏14'41	
	92 Dec 04 j 22:06	0°♐	
morning set	92 Dec 11 j 00:53	9°♐25'41	
max. Earth dist.	92 Dec 19 j 11:24	22°♐52'09	1.42777 AU
	92 Dec 23 j 19:22	0°♑	
superior conj	92 Dec 26 j 09:27	4°♑20'35	-1°58'35
minimum elong	92 Dec 26 j 06:14	4°♑07'02	1°58'29
evening rise	93 Jan 07 j 03:16	24°♑50'40	
	93 Jan 10 j 00:36	0°♒	
asc. node	93 Jan 19 j 19:47	16°♒16'57	
evening max el	93 Jan 24 j 01:44	21°♒29'26	18°07'36
retrograde	93 Jan 30 j 16:09	24°♒54'13	
evening set	93 Feb 02 j 09:46	24°♒18'54	
inferior conj	93 Feb 08 j 21:48	19°♒16'07	3°48'17
minimum elong	93 Feb 08 j 22:31	19°♒14'19	3°48'15
min. Earth dist.	93 Feb 11 j 22:32	16°♒17'18	0.61638 AU
morning rise	93 Feb 15 j 09:56	13°♒23'33	
direct	93 Feb 22 j 07:59	10°♒57'48	
desc. node	93 Feb 28 j 09:44	12°♒36'57	
morning max el	93 Mar 08 j 10:32	18°♒48'36	27°45'31
	93 Mar 17 j 21:46	0°♓	
	93 Apr 05 j 07:36	0°♈	
morning set	93 Apr 10 j 10:21	10°♈05'54	
max. Earth dist.	93 Apr 16 j 08:30	22°♈36'52	1.32531 AU
superior conj	93 Apr 17 j 18:56	25°♈43'58	-0°00'04
minimum elong	93 Apr 17 j 18:56	25°♈43'59	0°00'05
behind sun begin	93 Apr 17 j 13:54	25°♈16'36	
behind sun end	93 Apr 17 j 23:57	26°♈11'22	
asc. node	93 Apr 17 j 19:05	25°♈44'47	
	93 Apr 19 j 17:50	0°♉	
evening rise	93 Apr 24 j 17:20	10°♉45'17	
	93 May 04 j 14:33	0°♊	
evening max el	93 May 20 j 07:56	21°♊29'35	24°39'55
desc. node	93 May 27 j 08:58	26°♊44'28	
retrograde	93 Jun 03 j 06:37	28°♊33'01	
evening set	93 Jun 08 j 05:08	27°♊37'58	
min. Earth dist.	93 Jun 13 j 19:20	24°♊44'55	0.57070 AU
inferior conj	93 Jun 16 j 16:00	22°♊53'31	-4°31'44
minimum elong	93 Jun 16 j 11:56	23°♊00'09	4°31'16
morning rise	93 Jun 24 j 21:31	18°♊46'56	
direct	93 Jun 27 j 11:54	18°♊28'01	
morning max el	93 Jul 06 j 16:40	22°♊44'53	19°21'14
	93 Jul 12 j 16:10	0°♋	
asc. node	93 Jul 14 j 18:20	3°♋14'51	
morning set	93 Jul 23 j 20:48	20°♋08'27	
	93 Jul 28 j 19:03	0°♌	
superior conj	93 Aug 01 j 00:20	6°♌21'26	1°47'01
minimum elong	93 Aug 01 j 00:36	6°♌22'46	1°47'01
max. Earth dist.	93 Aug 07 j 07:06	18°♌16'24	1.37988 AU
evening rise	93 Aug 11 j 02:00	25°♌05'19	
	93 Aug 13 j 21:55	0°♍	
desc. node	93 Aug 23 j 08:19	15°♍18'43	
	93 Sep 02 j 10:30	0°♎	
evening max el	93 Sep 15 j 20:24	16°♎08'40	25°02'04
retrograde	93 Sep 27 j 14:35	22°♎57'40	
evening set	93 Oct 03 j 08:17	20°♎32'25	
min. Earth dist.	93 Oct 07 j 20:44	15°♎26'31	0.67213 AU
inferior conj	93 Oct 08 j 19:31	14°♎11'42	-0°39'40
minimum elong	93 Oct 08 j 20:30	14°♎08'27	0°39'14
asc. node	93 Oct 10 j 17:32	11°♎44'37	
morning rise	93 Oct 14 j 08:49	8°♎11'14	
direct	93 Oct 17 j 21:41	6°♎59'03	
morning max el	93 Oct 25 j 08:13	11°♎13'50	19°47'00
	93 Nov 08 j 08:53	0°♏	
desc. node	93 Nov 19 j 07:36	16°♏42'05	
morning set	93 Nov 19 j 21:36	17°♏36'10	
	93 Nov 27 j 20:31	0°♐	
max. Earth dist.	93 Dec 01 j 23:21	6°♐30'34	1.44187 AU
superior conj	93 Dec 06 j 13:42	13°♐52'48	-1°38'32
minimum elong	93 Dec 06 j 06:03	13°♐21'54	1°37'52
	93 Dec 16 j 08:29	0°♑	
evening rise	93 Dec 20 j 03:43	6°♑25'16	
	94 Jan 03 j 15:52	0°♒	
asc. node	94 Jan 06 j 16:49	3°♒49'23	
evening max el	94 Jan 07 j 14:14	4°♒46'18	18°17'02
retrograde	94 Jan 14 j 01:58	8°♒16'19	
evening set	94 Jan 17 j 00:08	7°♒30'58	
inferior conj	94 Jan 23 j 01:47	2°♒08'18	3°46'49
minimum elong	94 Jan 23 j 00:37	2°♒11'33	3°46'44
	94 Jan 24 j 23:52	30°℞♑	
min. Earth dist.	94 Jan 25 j 12:13	29°♑26'25	0.63543 AU
morning rise	94 Jan 29 j 00:23	26°♑05'52	
direct	94 Feb 04 j 23:40	23°♑19'34	
desc. node	94 Feb 15 j 06:46	28°♑00'52	
	94 Feb 17 j 12:51	0°♒	
morning max el	94 Feb 18 j 18:14	1°♒11'05	27°39'34
	94 Mar 12 j 00:40	0°♓	
morning set	94 Mar 25 j 08:28	24°♓15'14	
	94 Mar 28 j 04:29	0°♈	
max. Earth dist.	94 Mar 30 j 13:38	4°♈57'55	1.33131 AU
superior conj	94 Apr 02 j 02:31	10°♈21'49	-0°26'49
minimum elong	94 Apr 02 j 03:48	10°♈28'44	0°26'33
asc. node	94 Apr 04 j 16:07	15°♈53'25	
evening rise	94 Apr 09 j 05:04	25°♈36'45	
	94 Apr 11 j 07:38	0°♉	
	94 Apr 29 j 22:18	0°♊	
evening max el	94 May 01 j 22:32	2°♊04'03	23°05'15
desc. node	94 May 14 j 05:58	8°♊42'00	
retrograde	94 May 15 j 08:33	8°♊44'47	

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening set	94 May 18 j 20:21	8°♊18'01			evening set	95 Apr 28 j 10:49	18°♉31'37		
min. Earth dist.	94 May 26 j 07:57	4°♊57'19	0.55633 AU		desc. node	95 May 01 j 03:00	17°♉48'07		
inferior conj	94 May 28 j 00:43	3°♊58'01	-3°34'17		inferior conj	95 May 07 j 20:32	14°♉30'08	-1°54'07	
minimum elong	94 May 27 j 17:29	4°♊08'35	3°32'30		minimum elong	95 May 07 j 15:18	14°♉37'29	1°52'20	
morning rise	94 Jun 05 j 17:12	0°♊03'58			min. Earth dist.	95 May 07 j 20:49	14°♉29'44	0.54993 AU	
	94 Jun 06 j 01:04	30°℞♉			morning rise	95 May 16 j 20:30	10°♉31'45		
direct	94 Jun 08 j 10:53	29°♉46'05			direct	95 May 19 j 22:01	10°♉11'12		
	94 Jun 10 j 19:22	0°♊			morning max el	95 Jun 01 j 08:10	16°♉03'40	22°00'56	
morning max el	94 Jun 19 j 05:55	4°♊45'53	20°32'01			95 Jun 12 j 03:12	0°♊		
asc. node	94 Jul 01 j 15:21	22°♊09'12			asc. node	95 Jun 18 j 12:24	11°♊31'31		
	94 Jul 05 j 17:51	0°♋			morning set	95 Jun 22 j 12:02	19°♊35'59		
morning set	94 Jul 08 j 02:30	4°♋46'03				95 Jun 27 j 10:18	0°♋		
superior conj	94 Jul 15 j 17:05	20°♋25'37	1°44'09		superior conj	95 Jun 29 j 18:16	4°♋55'32	1°34'41	
minimum elong	94 Jul 15 j 15:48	20°♋19'07	1°44'05		minimum elong	95 Jun 29 j 16:05	4°♋44'02	1°34'29	
max. Earth dist.	94 Jul 20 j 13:48	0°♌06'28	1.36142 AU		max. Earth dist.	95 Jul 03 j 04:38	12°♋02'32	1.34623 AU	
	94 Jul 20 j 12:29	0°♌			evening rise	95 Jul 07 j 19:49	21°♋15'45		
evening rise	94 Jul 24 j 14:43	7°♌46'12				95 Jul 12 j 11:38	0°♌		
	94 Aug 06 j 14:57	0°♍			desc. node	95 Jul 28 j 02:21	25°♌19'44		
desc. node	94 Aug 10 j 05:20	5°♍31'10				95 Jul 31 j 11:08	0°♍		
evening max el	94 Aug 29 j 07:55	29°♍45'28	26°09'31		evening max el	95 Aug 11 j 19:47	13°♍16'29	26°59'16	
	94 Aug 29 j 13:57	0°♎			retrograde	95 Aug 25 j 00:42	20°♍34'43		
retrograde	94 Sep 10 j 22:14	6°♎54'17			evening set	95 Aug 31 j 20:44	17°♍49'18		
evening set	94 Sep 17 j 06:12	4°♎15'27			min. Earth dist.	95 Sep 04 j 18:15	13°♍56'51	0.65404 AU	
	94 Sep 21 j 06:16	30°℞♍			inferior conj	95 Sep 06 j 16:49	11°♍42'50	-2°31'30	
min. Earth dist.	94 Sep 21 j 10:49	29°♍46'02	0.66488 AU		minimum elong	95 Sep 06 j 20:37	11°♍31'54	2°30'09	
inferior conj	94 Sep 22 j 21:00	27°♍59'54	-1°35'57		morning rise	95 Sep 12 j 21:09	6°♍05'00		
minimum elong	94 Sep 22 j 23:27	27°♍52'18	1°34'57		asc. node	95 Sep 14 j 11:36	5°♍30'01		
asc. node	94 Sep 27 j 14:34	22°♍54'55			direct	95 Sep 15 j 16:27	5°♍22'04		
morning rise	94 Sep 28 j 17:04	22°♍09'13			morning max el	95 Sep 22 j 05:55	8°♍56'03	18°16'17	
direct	94 Oct 01 j 19:56	21°♍13'33				95 Oct 06 j 18:22	0°♎		
morning max el	94 Oct 08 j 16:36	25°♍03'22	18°53'30		morning set	95 Oct 11 j 02:28	7°♎06'48		
	94 Oct 12 j 20:55	0°♎			desc. node	95 Oct 24 j 01:41	28°♎03'28		
morning set	94 Oct 30 j 09:58	26°♎39'23				95 Oct 25 j 07:04	0°♏		
	94 Nov 01 j 12:53	0°♏							
desc. node	94 Nov 06 j 04:38	7°♏19'37			superior conj	95 Oct 25 j 21:25	0°♏56'47	-0°12'00	
max. Earth dist.	94 Nov 14 j 16:04	20°♏38'40	1.44940 AU		minimum elong	95 Oct 25 j 19:52	0°♏50'37	0°11'48	
					behind sun begin	95 Oct 25 j 12:09	0°♏20'07		
superior conj	94 Nov 15 j 19:48	22°♏27'48	-1°00'33		behind sun end	95 Oct 26 j 03:34	1°♏21'06		
minimum elong	94 Nov 15 j 12:29	21°♏58'58	0°59'39		max. Earth dist.	95 Oct 28 j 10:34	4°♏58'03	1.44959 AU	
	94 Nov 20 j 14:18	0°♐			evening rise	95 Nov 11 j 07:57	26°♏42'04		
evening rise	94 Dec 01 j 05:33	17°♐02'06				95 Nov 13 j 10:41	0°♐		
	94 Dec 09 j 05:56	0°♑			greatest brilliancy	95 Nov 22 j 23:52	14°♐47'14	-0.7m	
evening max el	94 Dec 22 j 01:34	18°♑10'15	18°44'42			95 Dec 03 j 21:47	0°♑		
asc. node	94 Dec 24 j 13:50	20°♑22'19			evening max el	95 Dec 05 j 09:37	1°♑38'05	19°29'17	
retrograde	94 Dec 28 j 18:48	21°♑56'20			asc. node	95 Dec 11 j 10:52	5°♑41'18		
evening set	94 Dec 31 j 22:21	20°♑59'53			retrograde	95 Dec 12 j 15:19	5°♑49'09		
inferior conj	95 Jan 06 j 16:34	15°♑19'36	3°29'04		evening set	95 Dec 16 j 01:51	4°♑39'59		
minimum elong	95 Jan 06 j 14:15	15°♑26'42	3°28'41			95 Dec 20 j 15:38	30°℞♐		
min. Earth dist.	95 Jan 08 j 11:42	13°♑08'32	0.65120 AU		inferior conj	95 Dec 21 j 15:00	28°♐44'47	2°59'32	
morning rise	95 Jan 12 j 05:44	9°♑11'08			minimum elong	95 Dec 21 j 12:13	28°♐53'49	2°58'48	
direct	95 Jan 18 j 22:29	6°♑18'53			min. Earth dist.	95 Dec 22 j 19:44	27°♐11'25	0.66313 AU	
morning max el	95 Feb 01 j 03:56	14°♑02'01	27°00'04		morning rise	95 Dec 26 j 22:19	22°♐32'52		
desc. node	95 Feb 02 j 03:48	15°♑03'05			direct	96 Jan 02 j 03:27	19°♐47'46		
	95 Feb 14 j 03:58	0°♒			morning max el	96 Jan 14 j 13:13	27°♐09'01	25°54'42	
	95 Mar 04 j 16:25	0°♓				96 Jan 17 j 05:35	0°♑		
morning set	95 Mar 08 j 20:47	7°♓50'45			desc. node	96 Jan 20 j 00:51	3°♑15'31		
max. Earth dist.	95 Mar 13 j 08:55	16°♓44'55	1.34167 AU			96 Feb 07 j 19:29	0°♒		
					morning set	96 Feb 19 j 19:08	20°♒40'16		
superior conj	95 Mar 17 j 05:05	24°♓39'34	-0°53'41		max. Earth dist.	96 Feb 23 j 16:16	27°♒58'59	1.35664 AU	
minimum elong	95 Mar 17 j 07:40	24°♓53'01	0°53'11			96 Feb 24 j 17:18	0°♓		
	95 Mar 19 j 18:01	0°♈							
asc. node	95 Mar 22 j 13:08	5°♈54'58			superior conj	96 Feb 29 j 00:13	8°♓30'26	-1°19'09	
evening rise	95 Mar 24 j 15:14	10°♈17'52			minimum elong	96 Feb 29 j 03:48	8°♓48'32	1°18'35	
	95 Apr 04 j 00:20	0°♉			evening rise	96 Mar 07 j 21:56	24°♓42'49		
evening max el	95 Apr 13 j 18:27	12°♉47'17	21°33'01		asc. node	96 Mar 08 j 10:11	25°♓45'18		
retrograde	95 Apr 26 j 00:10	18°♉45'10				96 Mar 10 j 12:48	0°♈		

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

evening max el	96 Mar 26 j 00:52	24°♈02'39	20°13'47
retrograde	96 Apr 05 j 14:10	29°♈06'52	
evening set	96 Apr 07 j 16:40	28°♈55'39	
inferior conj	96 Apr 16 j 16:51	24°♈57'20	0°05'08
minimum elong	96 Apr 16 j 17:05	24°♈56'59	0°05'04
transit middle	96 Apr 16 j 17:05	24°♈56'59	0°05'04
transit begin	96 Apr 16 j 13:16	25°♈02'38	
transit end	96 Apr 16 j 20:53	24°♈51'20	
desc. node	96 Apr 17 j 00:00	24°♈46'42	
min. Earth dist.	96 Apr 18 j 10:37	23°♈55'30	0.55317 AU
morning rise	96 Apr 25 j 15:44	20°♈36'11	
direct	96 Apr 29 j 11:10	20°♈04'30	
morning max el	96 May 13 j 01:51	26°♈46'08	23°40'49
	96 May 16 j 04:36	0°♉	
	96 Jun 03 j 18:55	0°♊	
asc. node	96 Jun 04 j 09:27	1°♊14'29	
morning set	96 Jun 05 j 23:35	4°♊32'51	
superior conj	96 Jun 13 j 01:06	19°♊42'23	1°20'03
minimum elong	96 Jun 12 j 22:36	19°♊28'59	1°19'43
max. Earth dist.	96 Jun 15 j 05:09	24°♊20'43	1.33493 AU
	96 Jun 17 j 21:50	0°♋	
evening rise	96 Jun 20 j 12:56	5°♋21'23	
	96 Jul 04 j 03:08	0°♌	
desc. node	96 Jul 13 j 23:21	14°♌34'26	
evening max el	96 Jul 24 j 07:05	26°♌31'20	27°23'59
	96 Jul 28 j 09:07	0°♍	
retrograde	96 Aug 06 j 21:17	3°♍50'47	
evening set	96 Aug 14 j 00:58	1°♍09'01	
	96 Aug 15 j 10:49	30°℞♌	
min. Earth dist.	96 Aug 17 j 16:54	27°♌51'08	0.63963 AU
inferior conj	96 Aug 20 j 04:30	25°♌15'31	-3°23'39
minimum elong	96 Aug 20 j 09:12	25°♌03'13	3°22'17
morning rise	96 Aug 26 j 18:25	19°♌53'42	
direct	96 Aug 29 j 08:40	19°♌20'02	
asc. node	96 Aug 31 j 08:40	19°♌40'19	
morning max el	96 Sep 04 j 21:32	22°♌46'18	17°56'18
	96 Sep 10 j 13:18	0°♍	
morning set	96 Sep 21 j 21:56	18°♍52'19	
	96 Sep 28 j 10:43	0°♎	
superior conj	96 Oct 04 j 15:36	10°♎17'03	0°34'42
minimum elong	96 Oct 04 j 19:16	10°♎31'59	0°34'12
desc. node	96 Oct 09 j 22:43	18°♎49'57	
max. Earth dist.	96 Oct 10 j 04:13	19°♎11'53	1.44261 AU
	96 Oct 17 j 00:53	0°♏	
evening rise	96 Oct 20 j 17:38	5°♏43'31	
	96 Nov 05 j 20:57	0°♐	
evening max el	96 Nov 17 j 12:41	15°♐06'42	20°28'42
retrograde	96 Nov 25 j 12:58	19°♐50'07	
asc. node	96 Nov 27 j 07:55	19°♐31'54	
evening set	96 Nov 29 j 08:25	18°♐26'15	
inferior conj	96 Dec 04 j 18:24	12°♐19'01	2°21'09
minimum elong	96 Dec 04 j 15:45	12°♐27'57	2°20'16
min. Earth dist.	96 Dec 05 j 10:14	11°♐25'20	0.67121 AU
morning rise	96 Dec 09 j 22:55	6°♐05'43	
direct	96 Dec 15 j 13:38	3°♐37'07	
morning max el	96 Dec 26 j 21:33	10°♐22'25	24°33'06
desc. node	97 Jan 05 j 21:55	22°♐16'59	
	97 Jan 11 j 12:06	0°♑	
	97 Jan 30 j 12:07	0°♒	
morning set	97 Jan 31 j 21:53	2°♒27'09	
max. Earth dist.	97 Feb 04 j 14:01	9°♒01'00	1.37564 AU
superior conj	97 Feb 11 j 08:35	21°♒44'43	-1°41'09
minimum elong	97 Feb 11 j 12:27	22°♒03'25	1°40'44
	97 Feb 15 j 13:30	0°♓	
evening rise	97 Feb 19 j 22:47	8°♓44'21	
asc. node	97 Feb 23 j 07:14	15°♓18'46	
	97 Mar 03 j 20:16	0°♈	
evening max el	97 Mar 08 j 18:25	5°♈55'57	19°12'46
retrograde	97 Mar 17 j 15:50	10°♈12'44	
evening set	97 Mar 19 j 20:50	9°♈58'03	
inferior conj	97 Mar 28 j 03:00	5°♈47'38	1°50'03
minimum elong	97 Mar 28 j 06:55	5°♈41'00	1°48'51
min. Earth dist.	97 Mar 31 j 01:39	3°♈49'12	0.56524 AU
desc. node	97 Apr 03 j 21:03	1°♈37'47	
morning rise	97 Apr 05 j 14:08	0°♈54'01	
	97 Apr 09 j 17:21	30°℞♓	
direct	97 Apr 10 j 11:31	29°♓58'39	
	97 Apr 11 j 05:41	0°♈	
morning max el	97 Apr 24 j 16:21	7°♈15'01	25°19'19
	97 May 11 j 09:14	0°♉	
morning set	97 May 21 j 11:31	19°♉31'12	
asc. node	97 May 22 j 06:32	21°♉11'50	
	97 May 26 j 08:18	0°♊	
superior conj	97 May 28 j 11:18	4°♊38'41	1°01'19
minimum elong	97 May 28 j 09:01	4°♊26'15	1°00'55
max. Earth dist.	97 May 29 j 13:18	7°♊00'29	1.32745 AU
evening rise	97 Jun 04 j 14:27	19°♊52'01	
	97 Jun 09 j 17:01	0°♋	
	97 Jun 28 j 10:11	0°♌	
desc. node	97 Jun 30 j 20:22	3°♌01'14	
evening max el	97 Jul 06 j 15:26	9°♌16'39	27°18'01
retrograde	97 Jul 20 j 11:13	16°♌33'52	
evening set	97 Jul 27 j 15:12	14°♌08'34	
min. Earth dist.	97 Jul 31 j 05:17	11°♌17'50	0.62188 AU
inferior conj	97 Aug 03 j 05:07	8°♌31'09	-4°08'13
minimum elong	97 Aug 03 j 09:42	8°♌20'27	4°07'17
morning rise	97 Aug 10 j 05:34	3°♌28'53	
direct	97 Aug 12 j 17:20	3°♌01'35	
asc. node	97 Aug 18 j 05:45	5°♌18'50	
morning max el	97 Aug 19 j 12:39	6°♌28'14	17°54'32
	97 Sep 03 j 16:37	0°♍	
morning set	97 Sep 04 j 14:33	1°♍38'51	
superior conj	97 Sep 15 j 12:48	20°♍57'47	1°10'42
minimum elong	97 Sep 15 j 17:44	21°♍18'58	1°10'08
	97 Sep 20 j 21:40	0°♎	
max. Earth dist.	97 Sep 22 j 18:14	3°♎03'05	1.42933 AU
desc. node	97 Sep 26 j 19:44	9°♎36'18	
evening rise	97 Sep 30 j 02:36	14°♎47'41	
	97 Oct 10 j 01:42	0°♏	
evening max el	97 Oct 31 j 09:57	28°♏35'39	21°39'47
	97 Nov 01 j 20:41	0°♐	
retrograde	97 Nov 09 j 09:48	3°♐56'33	
evening set	97 Nov 13 j 16:10	2°♐16'10	
asc. node	97 Nov 14 j 04:59	1°♐49'10	
	97 Nov 15 j 23:14	30°℞♏	
inferior conj	97 Nov 19 j 00:38	26°♏00'09	1°36'06
minimum elong	97 Nov 18 j 22:36	26°♏07'10	1°35'19
min. Earth dist.	97 Nov 19 j 04:58	25°♏45'10	0.67569 AU
morning rise	97 Nov 24 j 04:54	19°♏47'23	
direct	97 Nov 29 j 04:19	17°♏40'17	
morning max el	97 Dec 09 j 06:58	23°♏40'38	23°05'18
	97 Dec 14 j 20:59	0°♐	
desc. node	97 Dec 23 j 18:59	11°♐53'31	
	98 Jan 04 j 22:28	0°♑	
morning set	98 Jan 12 j 22:48	12°♑55'44	
max. Earth dist.	98 Jan 17 j 09:27	20°♑28'02	1.39678 AU
	98 Jan 22 j 18:51	0°♒	
superior conj	98 Jan 25 j 01:58	4°♒11'28	-1°56'46

Attention, astronomical year style is used: The year -400 in astronomical counting style is the year 401 BCE in historical counting style.

minimum elong	98 Jan 25 j 04:43	4°♒24'07	1°56'38
evening rise	98 Feb 03 j 15:01	22°♒15'28	
	98 Feb 07 j 17:03	0°♓	
asc. node	98 Feb 10 j 04:17	4°♓29'32	
evening max el	98 Feb 19 j 21:07	18°♓23'15	18°31'44
retrograde	98 Feb 27 j 12:20	22°♓07'43	
evening set	98 Mar 01 j 22:23	21°♓46'24	
inferior conj	98 Mar 09 j 09:47	17°♓16'40	3°01'41
minimum elong	98 Mar 09 j 13:46	17°♓08'47	3°00'50
min. Earth dist.	98 Mar 12 j 19:48	14°♓36'08	0.58345 AU
morning rise	98 Mar 17 j 02:28	11°♓52'52	
desc. node	98 Mar 21 j 18:08	10°♓26'48	
direct	98 Mar 23 j 01:17	10°♓22'28	
morning max el	98 Apr 06 j 09:47	17°♓59'39	26°40'51
	98 Apr 16 j 09:54	0°♈	
	98 May 03 j 18:50	0°♉	
morning set	98 May 05 j 22:06	4°♉24'46	
asc. node	98 May 09 j 03:34	11°♉18'00	
superior conj	98 May 12 j 22:58	19°♉37'39	0°39'20
minimum elong	98 May 12 j 21:19	19°♉28'38	0°39'00
max. Earth dist.	98 May 13 j 01:30	19°♉51'39	1.32368 AU
	98 May 17 j 17:09	0°♊	
evening rise	98 May 19 j 21:32	4°♊37'52	
	98 Jun 02 j 10:48	0°♋	
desc. node	98 Jun 17 j 17:24	20°♋19'26	
evening max el	98 Jun 18 j 18:01	21°♋19'38	26°38'56
retrograde	98 Jul 02 j 17:35	28°♋34'33	
evening set	98 Jul 09 j 10:49	26°♋38'56	
min. Earth dist.	98 Jul 13 j 07:22	24°♋01'20	0.60175 AU
inferior conj	98 Jul 16 j 15:02	21°♋19'51	-4°38'33
minimum elong	98 Jul 16 j 17:46	21°♋14'17	4°38'18
morning rise	98 Jul 24 j 02:40	16°♋39'50	
direct	98 Jul 26 j 14:08	16°♋16'54	
morning max el	98 Aug 03 j 00:13	19°♋53'30	18°12'02
asc. node	98 Aug 05 j 02:49	22°♋10'11	
	98 Aug 10 j 13:03	0°♌	
morning set	98 Aug 18 j 22:31	15°♌09'32	
	98 Aug 26 j 21:15	0°♍	
superior conj	98 Aug 28 j 11:46	2°♍55'00	1°33'44
minimum elong	98 Aug 28 j 15:20	3°♍11'05	1°33'26
max. Earth dist.	98 Sep 05 j 02:32	16°♍14'44	1.41144 AU
evening rise	98 Sep 10 j 03:35	24°♍37'10	
desc. node	98 Sep 13 j 16:45	0°♎18'42	
	98 Sep 13 j 12:01	0°♎	
	98 Oct 03 j 23:16	0°♏	
evening max el	98 Oct 14 j 01:53	12°♏05'27	22°58'14
retrograde	98 Oct 24 j 04:17	18°♏05'07	
evening set	98 Oct 28 j 23:22	16°♏07'01	
asc. node	98 Nov 01 j 02:02	12°♏46'36	
inferior conj	98 Nov 03 j 07:48	9°♏45'54	0°46'00
minimum elong	98 Nov 03 j 06:45	9°♏49'33	0°45'33
min. Earth dist.	98 Nov 03 j 01:32	10°♏07'30	0.67680 AU
morning rise	98 Nov 08 j 14:02	3°♏35'47	
direct	98 Nov 12 j 22:43	1°♏51'24	
morning max el	98 Nov 21 j 20:49	7°♏05'55	21°40'13
	98 Dec 09 j 08:47	0°♐	
desc. node	98 Dec 10 j 16:02	1°♐54'58	
morning set	98 Dec 23 j 18:34	22°♐01'04	
	98 Dec 28 j 17:15	0°♑	
max. Earth dist.	98 Dec 30 j 09:16	2°♑44'50	1.41726 AU
superior conj	99 Jan 06 j 23:08	15°♑37'49	-2°02'03
minimum elong	99 Jan 06 j 22:40	15°♑35'48	2°02'04
	99 Jan 14 j 23:53	0°♒	
evening rise	99 Jan 17 j 19:07	5°♒07'58	
asc. node	99 Jan 28 j 01:20	23°♒10'11	
	99 Feb 02 j 01:00	0°♓	
evening max el	99 Feb 03 j 06:02	1°♓16'37	18°10'49
retrograde	99 Feb 10 j 02:33	4°♓44'37	
evening set	99 Feb 12 j 17:26	4°♓14'52	
	99 Feb 18 j 21:17	30°℞♒	
inferior conj	99 Feb 19 j 12:58	29°♒24'16	3°39'20
minimum elong	99 Feb 19 j 15:00	29°♒19'37	3°39'08
min. Earth dist.	99 Feb 22 j 19:54	26°♒24'43	0.60431 AU
morning rise	99 Feb 26 j 10:40	23°♒39'29	
direct	99 Mar 05 j 03:12	21°♒31'38	
desc. node	99 Mar 08 j 15:11	22°♒04'28	
morning max el	99 Mar 19 j 09:18	29°♒20'22	27°32'20
	99 Mar 20 j 01:09	0°♓	
	99 Apr 10 j 06:32	0°♈	
morning set	99 Apr 20 j 05:36	19°♈07'31	
	99 Apr 25 j 08:19	0°♉	
asc. node	99 Apr 26 j 00:37	1°♉28'43	
max. Earth dist.	99 Apr 26 j 13:57	2°♉41'35	1.32359 AU
superior conj	99 Apr 27 j 10:25	4°♉33'35	0°14'53
minimum elong	99 Apr 27 j 09:45	4°♉29'54	0°14'43
behind sun begin	99 Apr 27 j 07:54	4°♉19'45	
behind sun end	99 Apr 27 j 11:36	4°♉40'04	
evening rise	99 May 04 j 07:56	19°♉31'31	
	99 May 09 j 11:25	0°♊	
	99 May 29 j 00:19	0°♋	
evening max el	99 May 31 j 13:38	2°♋37'05	25°29'44
desc. node	99 Jun 04 j 14:24	6°♋00'53	
retrograde	99 Jun 14 j 14:42	9°♋47'38	
evening set	99 Jun 20 j 07:53	8°♋30'43	
min. Earth dist.	99 Jun 25 j 01:42	5°♋47'47	0.58135 AU
inferior conj	99 Jun 28 j 06:47	3°♋32'14	-4°44'29
minimum elong	99 Jun 28 j 05:31	3°♋34'27	4°44'26
	99 Jul 04 j 02:14	30°℞♊	
morning rise	99 Jul 06 j 05:47	29°♊14'32	
direct	99 Jul 08 j 18:35	28°♊54'37	
	99 Jul 13 j 05:05	0°♋	
morning max el	99 Jul 17 j 05:10	2°♋53'03	18°49'54
asc. node	99 Jul 22 j 23:51	9°♋59'15	
morning set	99 Aug 02 j 17:24	29°♋12'36	
	99 Aug 03 j 03:05	0°♌	
superior conj	99 Aug 11 j 07:06	15°♌53'08	1°45'00
minimum elong	99 Aug 11 j 08:31	15°♌59'53	1°44'57
max. Earth dist.	99 Aug 18 j 05:58	28°♌41'21	1.39139 AU
	99 Aug 18 j 23:43	0°♍	
evening rise	99 Aug 22 j 04:56	5°♍35'27	
desc. node	99 Aug 31 j 13:45	20°♍53'22	
	99 Sep 06 j 13:59	0°♎	
evening max el	99 Sep 26 j 14:26	25°♎38'32	24°18'12
	99 Oct 01 j 18:17	0°♏	
retrograde	99 Oct 07 j 19:13	2°♏12'29	
evening set	99 Oct 13 j 04:23	29°♎56'47	
	99 Oct 13 j 02:52	30°℞♎	
min. Earth dist.	99 Oct 17 j 21:34	24°♎30'30	0.67473 AU
inferior conj	99 Oct 18 j 14:10	23°♎34'36	-0°07'42
minimum elong	99 Oct 18 j 14:21	23°♎33'58	0°07'37
transit middle	99 Oct 18 j 14:21	23°♎33'58	0°07'37
transit begin	99 Oct 18 j 11:56	23°♎42'06	
transit end	99 Oct 18 j 16:46	23°♎25'50	
asc. node	99 Oct 18 j 23:05	23°♎04'39	
morning rise	99 Oct 24 j 00:21	17°♎29'36	
direct	99 Oct 27 j 19:51	16°♎06'28	
morning max el	99 Nov 04 j 17:39	20°♎40'45	20°24'28
	99 Nov 12 j 09:08	0°♏	
desc. node	99 Nov 27 j 13:03	22°♏14'12	

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morning set	99 Dec 02 j 17:13	0°♐11'25	
	99 Dec 02 j 14:17	0°♐	
max. Earth dist.	99 Dec 12 j 16:17	15°♐54'00	1.43441 AU
superior conj	99 Dec 18 j 18:55	25°♐52'09	-1°52'23
minimum elong	99 Dec 18 j 13:34	25°♐30'03	1°52'04
	99 Dec 21 j 06:23	0°♑	
evening rise	99 Dec 31 j 06:52	17°♑12'36	
	100 Jan 07 j 15:48	0°♒	
asc. node	100 Jan 14 j 22:22	11°♒10'36	
evening max el	100 Jan 17 j 18:03	14°♒26'46	18°09'24
retrograde	100 Jan 24 j 06:20	17°♒52'20	
evening set	100 Jan 27 j 01:47	17°♒13'00	
inferior conj	100 Feb 02 j 09:01	12°♒01'52	3°50'00
minimum elong	100 Feb 02 j 08:52	12°♒02'17	3°50'00
min. Earth dist.	100 Feb 05 j 04:10	9°♒07'42	0.62477 AU
morning rise	100 Feb 08 j 14:52	6°♒04'28	
direct	100 Feb 15 j 14:40	3°♒27'48	
desc. node	100 Feb 23 j 12:13	6°♒15'20	
morning max el	100 Feb 29 j 14:21	11°♒20'35	27°47'24
	100 Mar 15 j 07:43	0°♓	
	100 Apr 01 j 13:42	0°♈	
morning set	100 Apr 03 j 07:50	3°♈30'56	
max. Earth dist.	100 Apr 08 j 22:39	15°♈15'23	1.32730 AU
superior conj	100 Apr 10 j 19:55	19°♈19'30	-0°11'19
minimum elong	100 Apr 10 j 20:28	19°♈22'24	0°11'13
behind sun begin	100 Apr 10 j 16:46	19°♈02'24	
behind sun end	100 Apr 11 j 00:09	19°♈42'25	
asc. node	100 Apr 11 j 21:38	21°♈39'01	
	100 Apr 15 j 18:01	0°♉	
evening rise	100 Apr 17 j 19:40	4°♉25'10	
	100 May 01 j 14:16	0°♊	
evening max el	100 May 12 j 04:33	13°♊20'11	24°00'18
desc. node	100 May 21 j 11:25	19°♊29'46	
retrograde	100 May 25 j 23:57	20°♊16'21	
evening set	100 May 30 j 07:09	19°♊35'24	
min. Earth dist.	100 Jun 05 j 15:41	16°♊31'44	0.56380 AU
inferior conj	100 Jun 08 j 02:21	15°♊01'15	-4°13'08
minimum elong	100 Jun 07 j 20:29	15°♊10'21	4°12'07
morning rise	100 Jun 16 j 12:38	11°♊01'09	
direct	100 Jun 19 j 04:02	10°♊42'59	
morning max el	100 Jun 29 j 00:37	15°♊17'03	19°48'48
asc. node	100 Jul 08 j 20:53	28°♊32'40	
	100 Jul 09 j 16:56	0°♋	
morning set	100 Jul 16 j 19:53	13°♋39'20	
superior conj	100 Jul 24 j 17:17	29°♋36'29	1°46'42
minimum elong	100 Jul 24 j 16:49	29°♋34'11	1°46'41
	100 Jul 24 j 22:01	0°♌	
max. Earth dist.	100 Jul 30 j 09:41	10°♌37'14	1.37173 AU
evening rise	100 Aug 03 j 05:58	17°♌42'00	
	100 Aug 10 j 08:48	0°♍	
desc. node	100 Aug 17 j 10:45	11°♍15'34	
	100 Aug 30 j 20:59	0°♎	
evening max el	100 Sep 08 j 02:04	9°♎15'46	25°32'32
retrograde	100 Sep 20 j 05:41	16°♎14'34	
evening set	100 Sep 26 j 05:26	13°♎43'16	
min. Earth dist.	100 Sep 30 j 14:35	8°♎52'25	0.66943 AU
inferior conj	100 Oct 01 j 18:00	7°♎24'11	-1°03'29
minimum elong	100 Oct 01 j 19:36	7°♎19'02	1°02'48
asc. node	100 Oct 04 j 20:06	3°♎40'58	
morning rise	100 Oct 07 j 09:57	1°♎27'13	
direct	100 Oct 10 j 18:18	0°♎22'25	
morning max el	100 Oct 17 j 22:05	4°♎25'34	19°22'16
	100 Nov 05 j 04:32	0°♏	
morning set	100 Nov 10 j 18:01	8°♏37'12	

desc. node	100 Nov 13 j 10:04	12°♏46'23	
	100 Nov 24 j 09:47	0°♐	
max. Earth dist.	100 Nov 24 j 06:25	29°♏46'43	1.44594 AU
superior conj	100 Nov 27 j 12:32	4°♐56'35	-1°24'23
minimum elong	100 Nov 27 j 04:11	4°♐23'22	1°23'32
evening rise	100 Dec 11 j 22:03	28°♐22'54	
	100 Dec 12 j 21:24	0°♑	
evening max el	100 Dec 31 j 06:26	27°♑47'35	18°26'41
asc. node	100 Dec 31 j 19:24	28°♑19'32	
	101 Jan 02 j 20:29	0°♒	
retrograde	101 Jan 06 j 19:26	1°♒22'49	
evening set	101 Jan 09 j 19:50	0°♒32'49	
	101 Jan 10 j 17:04	30°℞♑	
inferior conj	101 Jan 15 j 18:01	25°♑02'34	3°40'58
minimum elong	101 Jan 15 j 16:16	25°♑07'39	3°40'45
min. Earth dist.	101 Jan 17 j 21:58	22°♑32'32	0.64266 AU
morning rise	101 Jan 21 j 12:09	18°♑57'29	
direct	101 Jan 28 j 09:38	16°♑06'42	
desc. node	101 Feb 09 j 09:16	22°♑24'43	
morning max el	101 Feb 10 j 22:59	23°♑55'29	27°26'24
	101 Feb 16 j 10:27	0°♒	
	101 Mar 08 j 15:48	0°♓	
morning set	101 Mar 18 j 02:10	17°♓26'31	
max. Earth dist.	101 Mar 22 j 23:50	27°♓21'35	1.33518 AU
	101 Mar 24 j 06:12	0°♈	
superior conj	101 Mar 26 j 01:38	3°♈49'19	-0°38'17
minimum elong	101 Mar 26 j 03:29	3°♈59'08	0°37'54
asc. node	101 Mar 29 j 18:41	11°♈44'56	
evening rise	101 Apr 02 j 06:56	19°♈12'36	
	101 Apr 07 j 15:02	0°♉	
evening max el	101 Apr 23 j 20:42	23°♉54'50	22°24'58
	101 May 03 j 23:43	0°♊	
retrograde	101 May 06 j 20:22	0°♊18'45	
desc. node	101 May 08 j 08:27	0°♊13'42	
evening set	101 May 09 j 19:38	29°♉59'22	
	101 May 09 j 18:26	30°℞♉	
min. Earth dist.	101 May 18 j 04:07	26°♉23'19	0.55255 AU
inferior conj	101 May 19 j 04:16	25°♉49'09	-2°56'10
minimum elong	101 May 18 j 21:10	25°♉59'12	2°54'05
morning rise	101 May 28 j 00:36	21°♉55'26	
direct	101 May 30 j 21:00	21°♉36'54	
morning max el	101 Jun 11 j 08:55	26°♉58'35	21°07'53
	101 Jun 14 j 06:47	0°♊	
asc. node	101 Jun 25 j 17:55	17°♊39'48	
morning set	101 Jul 01 j 03:27	28°♊22'43	
	101 Jul 01 j 22:16	0°♋	
superior conj	101 Jul 08 j 13:59	13°♋52'17	1°40'50
minimum elong	101 Jul 08 j 12:14	13°♋43'17	1°40'43
max. Earth dist.	101 Jul 12 j 19:45	22°♋28'20	1.35456 AU
	101 Jul 16 j 16:43	0°♌	
evening rise	101 Jul 17 j 02:13	0°♌45'00	
	101 Aug 03 j 10:30	0°♍	
desc. node	101 Aug 04 j 07:46	1°♍18'46	
evening max el	101 Aug 21 j 13:59	22°♍51'49	26°33'23
	101 Sep 02 j 06:01	0°♎	
retrograde	101 Sep 03 j 10:59	0°♎04'56	
	101 Sep 04 j 15:18	30°℞♍	
evening set	101 Sep 10 j 00:30	27°♍22'31	
min. Earth dist.	101 Sep 14 j 02:06	23°♍08'50	0.66073 AU
inferior conj	101 Sep 15 j 17:21	21°♍10'37	-1°59'44
minimum elong	101 Sep 15 j 20:24	21°♍01'25	1°58'33
morning rise	101 Sep 21 j 16:44	15°♍24'53	
asc. node	101 Sep 21 j 17:08	15°♍24'20	
direct	101 Sep 24 j 16:12	14°♍34'55	

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morning max el	101 Oct	01 j 08:48	18°♍16'38	18°35'37
	101 Oct	10 j 05:01	0°♎	
morning set	101 Oct	21 j 17:53	18°♎15'29	
	101 Oct	29 j 02:48	0°♏	
desc. node	101 Oct	31 j 07:05	3°♏26'49	
superior conj	101 Nov	06 j 13:54	13°♏20'45	-0°40'30
minimum elong	101 Nov	06 j 08:38	13°♏00'04	0°39'50
max. Earth dist.	101 Nov	07 j 00:53	14°♏03'55	1.45045 AU
	101 Nov	17 j 03:47	0°♐	
evening rise	101 Nov	22 j 13:40	8°♐34'38	
greatest brilliancy	101 Dec	01 j 03:10	22°♐10'31	-0.8m
	101 Dec	06 j 04:38	0°♑	
evening max el	101 Dec	14 j 16:40	11°♑13'31	19°01'41
asc. node	101 Dec	18 j 16:26	14°♑22'48	
retrograde	101 Dec	21 j 14:12	15°♑08'53	
evening set	101 Dec	24 j 20:38	14°♑07'02	
inferior conj	101 Dec	30 j 12:24	8°♑19'55	3°17'45
minimum elong	101 Dec	30 j 09:48	8°♑28'04	3°17'12
min. Earth dist.	102 Jan	01 j 01:08	6°♑24'44	0.65681 AU
morning rise	102 Jan	04 j 22:43	2°♑09'54	
	102 Jan	08 j 05:39	30°℞♐	