Attention, astronomical year style is used: The year -7400 in astronomical counting style is the year 7401 BCE in historical counting style.

	-7400 Jan 12 j 03:31	0°♐		
conjunction	-7400 Jan 13 j 14:54	0°♐11'47	-1°10'38	
minimum elong	-7400 Jan 13 j 14:50	0°♐11'46	1°11'01	
max. Earth dist.	-7400 Jan 13 j 21:54	0°♐14'07	9.89885 AU	
morning rise	-7400 Jan 31 j 13:46	2°♐34'19		
retrograde	-7400 May 18 j 23:44	11°♐14'16		
opposition	-7400 Jul 25 j 19:02	7°♐41'47	-1°48'36	
min. Earth dist.	-7400 Jul 25 j 10:52	7°♐43'29	7.86197 AU	
direct	-7400 Sep 29 j 10:25	4°♐14'21		
evening set	-7399 Jan 10 j 05:42	12°♐33'08		
conjunction	-7399 Jan 28 j 03:00	14°♐56'01	-1°40'26	
minimum elong	-7399 Jan 28 j 02:56	14°♐55'59	1°40'53	
max. Earth dist.	-7399 Jan 28 j 15:19	15°♐00'08	9.83341 AU	
morning rise	-7399 Feb 15 j 04:43	17°♐20'20		
retrograde	-7399 Jun 03 j 10:35	26°♐03'50		
opposition	-7399 Aug 09 j 16:47	22°♐31'10	-2°22'22	
min. Earth dist.	-7399 Aug 09 j 05:03	22°♐33'38	7.81704 AU	
direct	-7399 Oct 14 j 06:22	19°♐02'40		
evening set	-7398 Jan 25 j 22:49	27°♐27'55		
conjunction	-7398 Feb 12 j 22:44	29°♐51'52	-2°03'52	
minimum elong	-7398 Feb 12 j 22:40	29°♐51'51	2°04'22	
	-7398 Feb 13 j 22:57	0°♑		
max. Earth dist.	-7398 Feb 13 j 15:52	29°♐57'38	9.80839 AU	
morning rise	-7398 Mar 03 j 02:03	2°♑16'53		
retrograde	-7398 Jun 18 j 18:39	10°♑59'32		
opposition	-7398 Aug 24 j 14:53	7°♑27'13	-2°46'44	
min. Earth dist.	-7398 Aug 24 j 00:15	7°♑30'17	7.81387 AU	
direct	-7398 Oct 29 j 07:31	3°♑57'54		
evening set	-7397 Feb 10 j 20:05	12°♑26'22		
conjunction	-7397 Feb 28 j 21:43	14°♑50'23	-2°19'02	
minimum elong	-7397 Feb 28 j 21:40	14°♑50'22	2°19'31	
max. Earth dist.	-7397 Mar 01 j 18:42	14°♑57'24	9.82603 AU	
morning rise	-7397 Mar 19 j 01:28	17°♑14'59		
retrograde	-7397 Jul 03 j 20:42	25°♑52'15		
opposition	-7397 Sep 08 j 10:22	22°♑20'47	-2°59'43	
min. Earth dist.	-7397 Sep 07 j 17:35	22°♑24'19	7.85278 AU	
direct	-7397 Nov 13 j 10:38	18°♑50'57		
evening set	-7396 Feb 26 j 16:53	27°♑19'01		
conjunction	-7396 Mar 15 j 19:22	29°♑42'08	-2°24'51	
minimum elong	-7396 Mar 15 j 19:22	29°♑42'08	2°25'18	
max. Earth dist.	-7396 Mar 16 j 18:50	29°♑49'54	9.88508 AU	
	-7396 Mar 18 j 01:17	0°♒		
morning rise	-7396 Apr 02 j 22:28	2°♒05'18		
retrograde	-7396 Jul 17 j 14:24	10°♒33'06		
min. Earth dist.	-7396 Sep 21 j 06:16	7°♒06'46	7.93082 AU	
opposition	-7396 Sep 22 j 00:30	7°♒02'57	-3°00'39	
direct	-7396 Nov 27 j 12:22	3°♒32'55		
evening set	-7395 Mar 13 j 08:18	11°♒56'59		
conjunction	-7395 Mar 31 j 10:47	14°♒18'20	-2°21'14	
minimum elong	-7395 Mar 31 j 10:49	14°♒18'21	2°21'37	
max. Earth dist.	-7395 Apr 01 j 11:22	14°♒26'23	9.98109 AU	
	-7395 Apr 05 j 18:05	15°♒		
morning rise	-7395 Apr 18 j 12:22	16°♒39'16		
retrograde	-7395 Jul 31 j 22:03	24°♒54'34		
opposition	-7395 Oct 06 j 07:25	21°♒26'02	-2°50'06	
min. Earth dist.	-7395 Oct 05 j 12:47	21°♒29'54	8.04219 AU	
direct	-7395 Dec 12 j 09:34	17°♒56'11		
evening set	-7394 Mar 28 j 14:15	26°♒13'05		
conjunction	-7394 Apr 15 j 15:58	28°♒32'01	-2°09'00	
minimum elong	-7394 Apr 15 j 16:01	28°♒32'02	2°09'18	
max. Earth dist.	-7394 Apr 16 j 16:02	28°♒39'47	10.10690 AU	
	-7394 Apr 27 j 01:31	0°♓		
morning rise	-7394 May 03 j 15:20	0°♓50'07		
retrograde	-7394 Aug 14 j 18:31	8°♓51'06		
min. Earth dist.	-7394 Oct 19 j 11:58	5°♓28'01	8.17878 AU	
opposition	-7394 Oct 20 j 05:31	5°♓24'25	-2°29'40	
direct	-7394 Dec 27 j 00:42	1°♓55'03		
evening set	-7393 Apr 12 j 08:32	10°♓02'36		
conjunction	-7393 Apr 30 j 08:37	12°♓18'39	-1°49'37	
minimum elong	-7393 Apr 30 j 08:41	12°♓18'41	1°49'48	
max. Earth dist.	-7393 May 01 j 06:14	12°♓25'31	10.25332 AU	
morning rise	-7393 May 18 j 05:08	14°♓33'32		
retrograde	-7393 Aug 28 j 01:27	22°♓19'40		
opposition	-7393 Nov 02 j 18:06	18°♓54'58	-2°01'33	
min. Earth dist.	-7393 Nov 02 j 03:18	18°♓57'57	8.33099 AU	
direct	-7392 Jan 10 j 07:27	15°♓26'21		
evening set	-7392 Apr 25 j 13:41	23°♓23'26		
conjunction	-7392 May 13 j 11:15	25°♓36'20	-1°24'50	
minimum elong	-7392 May 13 j 11:19	25°♓36'21	1°24'56	
max. Earth dist.	-7392 May 14 j 04:44	25°♓41'46	10.41034 AU	
morning rise	-7392 May 31 j 04:25	27°♓47'50		
	-7392 Jun 18 j 21:12	0°♈		
retrograde	-7392 Sep 08 j 21:22	5°♈19'48		
opposition	-7392 Nov 14 j 21:34	1°♈57'06	-1°28'06	
min. Earth dist.	-7392 Nov 14 j 10:21	1°♈59'20	8.48938 AU	
	-7392 Dec 11 j 00:55	30°℞♓		
direct	-7391 Jan 23 j 04:19	28°♓29'31		
	-7391 Mar 07 j 00:45	0°♈		
evening set	-7391 May 09 j 05:18	6°♈15'48		
conjunction	-7391 May 26 j 23:34	8°♈25'29	-0°56'32	
minimum elong	-7391 May 26 j 23:37	8°♈25'29	0°56'31	
max. Earth dist.	-7391 May 27 j 11:47	8°♈29'13	10.56922 AU	
morning rise	-7391 Jun 13 j 12:59	10°♈33'38		
retrograde	-7391 Sep 21 j 07:09	17°♈52'48		
opposition	-7391 Nov 27 j 16:18	14°♈31'59	-0°51'36	
min. Earth dist.	-7391 Nov 27 j 08:18	14°♈33'33	8.64622 AU	
direct	-7390 Feb 05 j 15:13	11°♈05'35		
evening set	-7390 May 22 j 08:14	18°♈41'24		
conjunction	-7390 Jun 08 j 22:40	20°♈47'55	-0°26'24	
minimum elong	-7390 Jun 08 j 22:42	20°♈47'55	0°26'17	
max. Earth dist.	-7390 Jun 09 j 05:59	20°♈50'06	10.72300 AU	
morning rise	-7390 Jun 26 j 07:58	22°♈52'50		
	-7390 Sep 29 j 04:35	0°♉		
retrograde	-7390 Oct 03 j 06:41	0°♉00'54		
	-7390 Oct 07 j 09:27	30°℞♈		
opposition	-7390 Dec 10 j 03:02	26°♈41'45	-0°14'03	
min. Earth dist.	-7390 Dec 09 j 22:02	26°♈42'43	8.79502 AU	
direct	-7389 Feb 18 j 18:14	23°♈16'36		
asc. node	-7389 May 01 j 01:40	27°♈03'18		
	-7389 May 28 j 19:14	0°♉		
evening set	-7389 Jun 03 j 23:22	0°♉42'41		
conjunction	-7389 Jun 21 j 09:36	2°♉46'10	0°04'09	
minimum elong	-7389 Jun 21 j 09:35	2°♉46'10	0°04'21	
behind sun begin	-7389 Jun 21 j 02:35	2°♉44'06		
behind sun end	-7389 Jun 21 j 16:35	2°♉48'13		
max. Earth dist.	-7389 Jun 21 j 12:49	2°♉47'05	10.86547 AU	
morning rise	-7389 Jul 08 j 14:23	4°♉48'04		
retrograde	-7389 Oct 15 j 01:23	11°♉46'59		

Attention, astronomical year style is used: The year -7389 in astronomical counting style is the year 7390 BCE in historical counting style.

opposition	-7389 Dec 22 j 07:18	8°♉29'14	0°22'53
min. Earth dist.	-7389 Dec 22 j 05:38	8°♉29'33	8.92991 AU
direct	-7388 Mar 02 j 10:44	5°♉05'20	
evening set	-7388 Jun 15 j 03:54	12°♉22'41	
conjunction	-7388 Jul 02 j 09:33	14°♉23'23	0°33'35
minimum elong	-7388 Jul 02 j 09:32	14°♉23'23	0°33'54
max. Earth dist.	-7388 Jul 02 j 09:01	14°♉23'14	10.99116 AU
	-7388 Jul 07 j 14:07	15°♉	
morning rise	-7388 Jul 19 j 09:46	16°♉22'34	
retrograde	-7388 Oct 25 j 13:32	23°♉14'22	
opposition	-7387 Jan 02 j 06:13	19°♉57'45	0°57'51
min. Earth dist.	-7387 Jan 02 j 08:42	19°♉57'17	9.04596 AU
direct	-7387 Mar 14 j 18:00	16°♉35'02	
evening set	-7387 Jun 26 j 23:29	23°♉44'56	
conjunction	-7387 Jul 14 j 00:22	25°♉43'10	1°01'07
minimum elong	-7387 Jul 14 j 00:20	25°♉43'10	1°01'29
max. Earth dist.	-7387 Jul 13 j 19:01	25°♉41'37	11.09567 AU
morning rise	-7387 Jul 30 j 20:19	27°♉40'03	
	-7387 Aug 21 j 05:15	0°♊	
retrograde	-7387 Nov 05 j 20:27	4°♊26'48	
opposition	-7386 Jan 14 j 00:45	1°♊10'59	1°29'46
min. Earth dist.	-7386 Jan 14 j 07:09	1°♊09'47	9.13917 AU
	-7386 Jan 30 j 07:45	30°℞♉	
direct	-7386 Mar 26 j 20:38	27°♉49'16	
	-7386 May 19 j 18:04	0°♊	
evening set	-7386 Jul 08 j 11:30	4°♊53'11	
conjunction	-7386 Jul 25 j 07:50	6°♊49'21	1°25'50
minimum elong	-7386 Jul 25 j 07:48	6°♊49'21	1°26'17
max. Earth dist.	-7386 Jul 24 j 22:02	6°♊46'31	11.17557 AU
morning rise	-7386 Aug 10 j 23:56	8°♊44'20	
retrograde	-7386 Nov 17 j 01:46	15°♊28'08	
opposition	-7385 Jan 25 j 16:30	12°♊12'45	1°57'48
min. Earth dist.	-7385 Jan 26 j 01:35	12°♊11'05	9.20633 AU
direct	-7385 Apr 07 j 16:58	8°♊51'59	
evening set	-7385 Jul 19 j 17:37	15°♊51'19	
conjunction	-7385 Aug 05 j 09:54	17°♊45'54	1°47'04
minimum elong	-7385 Aug 05 j 09:51	17°♊45'53	1°47'33
max. Earth dist.	-7385 Aug 04 j 21:32	17°♊42'20	11.22826 AU
morning rise	-7385 Aug 21 j 22:25	19°♊39'29	
retrograde	-7385 Nov 28 j 07:20	26°♊22'20	
opposition	-7384 Feb 06 j 06:53	23°♊07'05	2°21'17
min. Earth dist.	-7384 Feb 06 j 18:18	23°♊05'00	9.24535 AU
direct	-7384 Apr 18 j 08:44	19°♊47'06	
evening set	-7384 Jul 29 j 19:39	26°♊43'22	
conjunction	-7384 Aug 15 j 08:26	28°♊36'52	2°04'18
minimum elong	-7384 Aug 15 j 08:24	28°♊36'51	2°04'47
max. Earth dist.	-7384 Aug 14 j 17:35	28°♊32'35	11.25226 AU
	-7384 Aug 27 j 09:50	0°♋	
morning rise	-7384 Aug 31 j 18:05	0°♋29'33	
retrograde	-7384 Dec 08 j 13:55	7°♋13'24	
opposition	-7383 Feb 16 j 21:15	3°♋58'00	2°39'36
min. Earth dist.	-7383 Feb 17 j 11:28	3°♋55'24	9.25524 AU
direct	-7383 Apr 29 j 20:10	0°♋38'38	
evening set	-7383 Aug 09 j 19:12	7°♋33'21	
max. Earth dist.	-7383 Aug 25 j 11:08	9°♋21'05	11.24702 AU
conjunction	-7383 Aug 26 j 05:08	9°♋26'17	2°17'02
minimum elong	-7383 Aug 26 j 05:07	9°♋26'16	2°17'31
morning rise	-7383 Sep 11 j 12:59	11°♋18'42	
retrograde	-7383 Dec 19 j 21:36	18°♋05'26	
opposition	-7382 Feb 28 j 12:53	14°♋49'33	2°52'18
min. Earth dist.	-7382 Mar 01 j 05:38	14°♋46'30	9.23564 AU
direct	-7382 May 11 j 07:04	11°♋30'36	
evening set	-7382 Aug 20 j 18:04	18°♋25'19	
max. Earth dist.	-7382 Sep 05 j 06:14	20°♋12'29	11.21266 AU
conjunction	-7382 Sep 06 j 02:06	20°♋18'16	2°24'52
minimum elong	-7382 Sep 06 j 02:06	20°♋18'15	2°25'21
morning rise	-7382 Sep 22 j 09:03	22°♋10'57	
retrograde	-7382 Dec 31 j 11:29	29°♋02'25	
opposition	-7381 Mar 12 j 07:04	25°♋45'47	2°58'54
min. Earth dist.	-7381 Mar 13 j 00:41	25°♋42'34	9.18703 AU
direct	-7381 May 22 j 19:03	22°♋27'06	
evening set	-7381 Aug 31 j 17:53	29°♋23'13	
	-7381 Sep 06 j 01:41	0°♌	
max. Earth dist.	-7381 Sep 16 j 05:10	1°♌10'56	11.15011 AU
conjunction	-7381 Sep 17 j 01:15	1°♌16'49	2°27'28
minimum elong	-7381 Sep 17 j 01:15	1°♌16'49	2°27'56
morning rise	-7381 Oct 03 j 08:13	3°♌10'25	
retrograde	-7380 Jan 12 j 06:46	10°♌08'20	
opposition	-7380 Mar 23 j 05:22	6°♌50'40	2°59'00
min. Earth dist.	-7380 Mar 23 j 23:02	6°♌47'26	9.11084 AU
direct	-7380 Jun 02 j 06:36	3°♌32'05	
evening set	-7380 Sep 10 j 20:31	10°♌31'03	
max. Earth dist.	-7380 Sep 26 j 07:48	12°♌19'51	11.06126 AU
conjunction	-7380 Sep 27 j 04:13	12°♌25'53	2°24'34
minimum elong	-7380 Sep 27 j 04:14	12°♌25'53	2°24'58
morning rise	-7380 Oct 13 j 12:29	14°♌21'00	
	-7380 Oct 19 j 04:31	15°♌	
retrograde	-7379 Jan 23 j 10:08	21°♌27'02	
opposition	-7379 Apr 04 j 08:54	18°♌08'06	2°52'18
min. Earth dist.	-7379 Apr 05 j 02:46	18°♌04'48	9.00944 AU
	-7379 May 30 j 03:48	15°℞♌	
direct	-7379 Jun 13 j 21:44	14°♌49'22	
	-7379 Jun 28 j 12:42	15°♌	
evening set	-7379 Sep 22 j 04:02	21°♌52'38	
conjunction	-7379 Oct 08 j 13:03	23°♌49'17	2°15'56
minimum elong	-7379 Oct 08 j 13:05	23°♌49'18	2°16'16
max. Earth dist.	-7379 Oct 07 j 16:05	23°♌43'01	10.94902 AU
morning rise	-7379 Oct 24 j 23:52	25°♌46'34	
	-7379 Dec 03 j 21:14	0°♍	
retrograde	-7378 Feb 04 j 20:29	3°♍02'11	
	-7378 Apr 12 j 16:31	30°℞♌	
opposition	-7378 Apr 16 j 18:36	29°♌41'46	2°38'33
min. Earth dist.	-7378 Apr 17 j 12:24	29°♌38'27	8.88630 AU
direct	-7378 Jun 25 j 16:24	26°♌22'41	
	-7378 Sep 01 j 15:27	0°♍	
evening set	-7378 Oct 03 j 18:01	3°♍31'39	
max. Earth dist.	-7378 Oct 19 j 10:02	5°♍24'47	10.81730 AU
conjunction	-7378 Oct 20 j 05:36	5°♍30'43	2°01'32
minimum elong	-7378 Oct 20 j 05:39	5°♍30'44	2°01'47
morning rise	-7378 Nov 05 j 20:00	7°♍30'41	
retrograde	-7377 Feb 17 j 16:18	14°♍57'17	
opposition	-7377 Apr 29 j 11:45	11°♍35'11	2°17'41
min. Earth dist.	-7377 Apr 30 j 03:52	11°♍32'08	8.74597 AU
direct	-7377 Jul 07 j 19:15	8°♍15'32	
evening set	-7377 Oct 15 j 16:19	15°♍31'30	
conjunction	-7377 Nov 01 j 07:36	17°♍33'31	1°41'27
minimum elong	-7377 Nov 01 j 07:40	17°♍33'32	1°41'36
max. Earth dist.	-7377 Oct 31 j 14:58	17°♍28'23	10.67104 AU
morning rise	-7377 Nov 18 j 02:24	19°♍36'42	
retrograde	-7376 Mar 02 j 00:34	27°♍15'20	
opposition	-7376 May 11 j 12:55	23°♍51'25	1°49'55
min. Earth dist.	-7376 May 12 j 02:04	23°♍48'55	8.59401 AU

Attention, astronomical year style is used: The year -7376 in astronomical counting style is the year 7377 BCE in historical counting style.

direct	-7376 Jul 19 j 04:08	20°♍31'03	
evening set	-7376 Oct 27 j 01:10	27°♍55'12	
conjunction	-7376 Nov 12 j 20:54	0°♎00'34	1°16'05
minimum elong	-7376 Nov 12 j 20:57	0°♎00'35	1°16'08
max. Earth dist.	-7376 Nov 12 j 07:11	29°♍56'17	10.51621 AU
	-7376 Nov 12 j 19:05	0°♎	
morning rise	-7376 Nov 29 j 20:53	2°♎07'23	
retrograde	-7375 Mar 15 j 19:21	9°♎58'40	
opposition	-7375 May 24 j 22:25	6°♎32'55	1°15'50
min. Earth dist.	-7375 May 25 j 08:15	6°♎31'00	8.43694 AU
direct	-7375 Jul 31 j 19:56	3°♎11'35	
evening set	-7375 Nov 08 j 22:03	10°♎45'04	
conjunction	-7375 Nov 25 j 22:39	12°♎54'02	0°46'11
minimum elong	-7375 Nov 25 j 22:41	12°♎54'03	0°46'08
max. Earth dist.	-7375 Nov 25 j 11:54	12°♎50'38	10.35964 AU
morning rise	-7375 Dec 13 j 04:20	15°♎04'41	
retrograde	-7374 Mar 29 j 23:59	23°♎08'49	
opposition	-7374 Jun 07 j 16:45	19°♎41'15	0°36'33
min. Earth dist.	-7374 Jun 07 j 23:24	19°♎39'56	8.28195 AU
direct	-7374 Aug 13 j 22:21	16°♎18'46	
evening set	-7374 Nov 22 j 08:01	24°♎02'24	
conjunction	-7374 Dec 09 j 13:48	26°♎15'05	0°12'55
minimum elong	-7374 Dec 09 j 13:49	26°♎15'05	0°12'46
behind sun begin	-7374 Dec 09 j 09:19	26°♎13'39	
behind sun end	-7374 Dec 09 j 18:19	26°♎16'31	
max. Earth dist.	-7374 Dec 09 j 06:48	26°♎12'50	10.20863 AU
morning rise	-7374 Dec 27 j 01:15	28°♎29'35	
	-7373 Jan 08 j 04:44	0°♏	
retrograde	-7373 Apr 13 j 14:35	6°♏46'06	
desc. node	-7373 Apr 29 j 05:25	6°♏33'24	
opposition	-7373 Jun 21 j 19:30	3°♏16'54	-0°06'14
min. Earth dist.	-7373 Jun 21 j 22:48	3°♏16'14	8.13657 AU
	-7373 Aug 16 j 09:52	30°℞♎	
direct	-7373 Aug 27 j 10:50	29°♎53'08	
	-7373 Sep 07 j 10:20	0°♏	
evening set	-7373 Dec 06 j 08:17	7°♏47'27	
conjunction	-7373 Dec 23 j 19:17	10°♏03'43	-0°22'08
minimum elong	-7373 Dec 23 j 19:16	10°♏03'43	0°22'24
max. Earth dist.	-7373 Dec 23 j 16:57	10°♏02'58	10.07079 AU
morning rise	-7372 Jan 10 j 12:02	12°♏21'52	
	-7372 Jan 31 j 20:20	15°♏	
retrograde	-7372 Apr 27 j 14:22	20°♏49'32	
opposition	-7372 Jul 05 j 05:41	17°♏18'58	-0°50'07
min. Earth dist.	-7372 Jul 05 j 05:12	17°♏19'03	8.00902 AU
	-7372 Aug 05 j 12:24	15°℞♏	
direct	-7372 Sep 09 j 08:59	13°♏53'52	
	-7372 Oct 13 j 14:21	15°♏	
evening set	-7372 Dec 19 j 22:44	21°♏58'52	
conjunction	-7371 Jan 06 j 14:34	24°♏18'19	-0°56'44
minimum elong	-7371 Jan 06 j 14:31	24°♏18'18	0°57'05
max. Earth dist.	-7371 Jan 06 j 18:00	24°♏19'27	9.95497 AU
morning rise	-7371 Jan 24 j 11:45	26°♏39'32	
	-7371 Feb 20 j 14:18	0°♐	
retrograde	-7371 May 12 j 20:40	5°♐16'05	
opposition	-7371 Jul 19 j 22:10	1°♐44'29	-1°32'09
min. Earth dist.	-7371 Jul 19 j 17:10	1°♐45'31	7.90841 AU
	-7371 Aug 11 j 01:28	30°℞♏	
direct	-7371 Sep 23 j 17:00	28°♏18'05	
	-7371 Nov 05 j 07:13	0°♐	
evening set	-7370 Jan 04 j 02:02	6°♐32'44	
conjunction	-7370 Jan 21 j 21:53	8°♐54'39	-1°28'29
minimum elong	-7370 Jan 21 j 21:49	8°♐54'37	1°28'55
max. Earth dist.	-7370 Jan 22 j 07:25	8°♐57'50	9.87013 AU
morning rise	-7370 Feb 08 j 22:22	11°♐18'07	
retrograde	-7370 May 28 j 06:21	20°♐00'09	
opposition	-7370 Aug 03 j 18:46	16°♐27'56	-2°09'03
min. Earth dist.	-7370 Aug 03 j 09:10	16°♐29'56	7.84271 AU
direct	-7370 Oct 08 j 09:35	13°♐00'16	
evening set	-7369 Jan 19 j 15:38	21°♐22'33	
conjunction	-7369 Feb 06 j 14:35	23°♐46'03	-1°54'53
minimum elong	-7369 Feb 06 j 14:31	23°♐46'01	1°55'22
max. Earth dist.	-7369 Feb 07 j 05:42	23°♐51'07	9.82327 AU
morning rise	-7369 Feb 24 j 17:09	26°♐10'44	
	-7369 Mar 27 j 15:26	0°♑	
retrograde	-7369 Jun 12 j 15:38	4°♑53'58	
opposition	-7369 Aug 18 j 16:45	1°♑21'38	-2°37'44
min. Earth dist.	-7369 Aug 18 j 03:23	1°♑24'26	7.81719 AU
	-7369 Sep 04 j 08:34	30°℞♐	
direct	-7369 Oct 23 j 07:57	27°♐52'50	
	-7369 Dec 10 j 04:50	0°♑	
evening set	-7368 Feb 04 j 11:31	6°♑19'54	
conjunction	-7368 Feb 22 j 12:36	8°♑43'57	-2°13'45
minimum elong	-7368 Feb 22 j 12:33	8°♑43'56	2°14'15
max. Earth dist.	-7368 Feb 23 j 08:12	8°♑50'31	9.81820 AU
morning rise	-7368 Mar 11 j 16:05	11°♑08'44	
retrograde	-7368 Jun 26 j 20:53	19°♑48'36	
opposition	-7368 Sep 01 j 13:25	16°♑16'41	-2°55'45
min. Earth dist.	-7368 Aug 31 j 21:26	16°♑20'03	7.83372 AU
direct	-7368 Nov 06 j 09:32	12°♑47'00	
evening set	-7367 Feb 19 j 08:48	21°♑15'20	
conjunction	-7367 Mar 09 j 11:01	23°♑38'55	-2°23'39
minimum elong	-7367 Mar 09 j 11:00	23°♑38'55	2°24'07
max. Earth dist.	-7367 Mar 10 j 09:36	23°♑46'26	9.85522 AU
morning rise	-7367 Mar 27 j 14:18	26°♑02'45	
	-7367 Apr 28 j 23:53	0°♒	
retrograde	-7367 Jul 11 j 19:03	4°♒34'55	
opposition	-7367 Sep 16 j 05:55	1°♒03'55	-3°01'53
min. Earth dist.	-7367 Sep 15 j 12:42	1°♒07'32	7.89087 AU
	-7367 Sep 29 j 03:18	30°℞♑	
direct	-7367 Nov 21 j 11:42	27°♑33'40	
	-7366 Jan 12 j 19:49	0°♒	
evening set	-7366 Mar 07 j 02:37	5°♒59'39	
conjunction	-7366 Mar 25 j 05:08	8°♒21'51	-2°24'02
minimum elong	-7366 Mar 25 j 05:10	8°♒21'51	2°24'27
max. Earth dist.	-7366 Mar 26 j 04:47	8°♒29'38	9.93144 AU
morning rise	-7366 Apr 12 j 07:24	10°♒43'51	
	-7366 May 18 j 01:17	15°♒	
retrograde	-7366 Jul 26 j 07:17	19°♒04'48	
opposition	-7366 Sep 30 j 15:54	15°♒35'08	-2°56'09
min. Earth dist.	-7366 Sep 29 j 22:40	15°♒38'44	7.98422 AU
	-7366 Oct 07 j 16:55	15°℞♒	
direct	-7366 Dec 06 j 11:18	12°♒04'42	
	-7365 Feb 02 j 18:12	15°♒	
evening set	-7365 Mar 22 j 12:45	20°♒24'59	
conjunction	-7365 Apr 09 j 14:50	22°♒45'05	-2°15'22
minimum elong	-7365 Apr 09 j 14:54	22°♒45'06	2°15'42
max. Earth dist.	-7365 Apr 10 j 13:47	22°♒52'32	10.04099 AU
morning rise	-7365 Apr 27 j 15:22	25°♒04'34	
	-7365 Jun 09 j 13:14	0°♓	
retrograde	-7365 Aug 09 j 07:42	3°♓11'57	
	-7365 Oct 11 j 11:58	30°℞♒	
opposition	-7365 Oct 14 j 17:43	29°♒43'57	-2°39'44
min. Earth dist.	-7365 Oct 14 j 01:09	29°♒47'22	8.10687 AU

Attention, astronomical year style is used: The year -7365 in astronomical counting style is the year 7366 BCE in historical counting style.

direct	-7365 Dec 21 j 06:18	26°♒13'45	
	-7364 Feb 27 j 00:54	0°♓	
evening set	-7364 Apr 05 j 12:10	4°♓25'45	
conjunction	-7364 Apr 23 j 12:59	6°♓43'11	-1°58'51
minimum elong	-7364 Apr 23 j 13:03	6°♓43'12	1°59'05
max. Earth dist.	-7364 Apr 24 j 10:00	6°♓49'54	10.17599 AU
morning rise	-7364 May 11 j 11:01	8°♓59'37	
retrograde	-7364 Aug 21 j 18:40	16°♓52'25	
opposition	-7364 Oct 27 j 10:20	13°♓26'17	-2°14'38
min. Earth dist.	-7364 Oct 26 j 18:56	13°♓29'25	8.25061 AU
direct	-7363 Jan 03 j 17:26	9°♓56'42	
evening set	-7363 Apr 19 j 22:51	17°♓58'41	
conjunction	-7363 May 07 j 21:37	20°♓13'05	-1°36'10
minimum elong	-7363 May 07 j 21:41	20°♓13'07	1°36'17
max. Earth dist.	-7363 May 08 j 16:00	20°♓18'52	10.32781 AU
morning rise	-7363 May 25 j 16:32	22°♓26'13	
	-7363 Aug 25 j 20:02	0°♈	
retrograde	-7363 Sep 03 j 19:31	0°♈04'30	
	-7363 Sep 12 j 19:55	30°℞♓	
opposition	-7363 Nov 09 j 17:34	26°♓40'19	-1°43'10
min. Earth dist.	-7363 Nov 09 j 03:51	26°♓43'04	8.40684 AU
direct	-7362 Jan 17 j 18:05	23°♓11'40	
	-7362 Apr 25 j 01:25	0°♈	
evening set	-7362 May 03 j 20:02	1°♈02'49	
conjunction	-7362 May 21 j 16:02	3°♈14'02	-1°09'08
minimum elong	-7362 May 21 j 16:06	3°♈14'03	1°09'10
max. Earth dist.	-7362 May 22 j 07:26	3°♈18'47	10.48766 AU
morning rise	-7362 Jun 08 j 07:16	5°♈23'45	
retrograde	-7362 Sep 16 j 10:13	12°♈48'28	
opposition	-7362 Nov 22 j 15:45	9°♈26'14	-1°07'42
min. Earth dist.	-7362 Nov 22 j 04:58	9°♈28'21	8.56702 AU
direct	-7361 Jan 31 j 08:24	5°♈58'46	
evening set	-7361 May 17 j 04:15	13°♈39'06	
conjunction	-7361 Jun 03 j 20:40	15°♈47'04	-0°39'35
minimum elong	-7361 Jun 03 j 20:42	15°♈47'04	0°39'30
max. Earth dist.	-7361 Jun 04 j 08:06	15°♈50'32	10.64719 AU
morning rise	-7361 Jun 21 j 07:44	17°♈53'26	
retrograde	-7361 Sep 28 j 14:04	25°♈06'05	
opposition	-7361 Dec 05 j 05:39	21°♈45'45	-0°30'22
min. Earth dist.	-7361 Dec 04 j 22:39	21°♈47'07	8.72345 AU
direct	-7360 Feb 13 j 13:58	18°♈19'37	
evening set	-7360 May 29 j 00:11	25°♈49'44	
conjunction	-7360 Jun 15 j 12:21	27°♈54'32	-0°09'08
minimum elong	-7360 Jun 15 j 12:21	27°♈54'32	0°08'58
behind sun begin	-7360 Jun 15 j 06:14	27°♈52'44	
behind sun end	-7360 Jun 15 j 18:27	27°♈56'21	
max. Earth dist.	-7360 Jun 15 j 18:45	27°♈56'26	10.79914 AU
morning rise	-7360 Jul 02 j 19:06	29°♈57'45	
	-7360 Jul 03 j 02:48	0°♉	
asc. node	-7360 Oct 06 j 12:48	6°♉59'49	
retrograde	-7360 Oct 09 j 10:17	7°♉00'16	
opposition	-7360 Dec 16 j 12:25	3°♉41'38	0°07'02
min. Earth dist.	-7360 Dec 16 j 09:10	3°♉42'15	8.86936 AU
direct	-7359 Feb 25 j 10:11	0°♉16'55	
evening set	-7359 Jun 10 j 08:46	7°♉37'45	
conjunction	-7359 Jun 27 j 16:21	9°♉39'37	0°20'59
minimum elong	-7359 Jun 27 j 16:20	9°♉39'37	0°21'15
max. Earth dist.	-7359 Jun 27 j 17:41	9°♉40'01	10.93726 AU
morning rise	-7359 Jul 14 j 18:44	11°♉39'57	
	-7359 Aug 14 j 18:36	15°♉	
retrograde	-7359 Oct 20 j 23:28	18°♉34'24	
opposition	-7359 Dec 28 j 13:02	15°♉17'12	0°42'59
min. Earth dist.	-7359 Dec 28 j 12:47	15°♉17'15	8.99883 AU
	-7358 Jan 01 j 08:25	15°℞♉	
direct	-7358 Mar 09 j 21:57	11°♉53'54	
	-7358 May 13 j 15:23	15°♉	
evening set	-7358 Jun 22 j 07:50	19°♉06'43	
conjunction	-7358 Jul 09 j 10:49	21°♉05'57	0°49'28
minimum elong	-7358 Jul 09 j 10:47	21°♉05'56	0°49'49
max. Earth dist.	-7358 Jul 09 j 08:18	21°♉05'13	11.05619 AU
morning rise	-7358 Jul 26 j 08:43	23°♉03'45	
retrograde	-7358 Nov 01 j 09:43	29°♉52'14	
opposition	-7357 Jan 09 j 08:52	26°♉36'11	1°16'20
min. Earth dist.	-7357 Jan 09 j 11:49	26°♉35'38	9.10700 AU
direct	-7357 Mar 22 j 02:48	23°♉14'13	
	-7357 Jun 30 j 22:41	0°♊	
evening set	-7357 Jul 03 j 22:51	0°♊20'22	
conjunction	-7357 Jul 20 j 21:16	2°♊17'20	1°15'29
minimum elong	-7357 Jul 20 j 21:14	2°♊17'20	1°15'55
max. Earth dist.	-7357 Jul 20 j 15:21	2°♊15'37	11.15167 AU
morning rise	-7357 Aug 06 j 14:52	4°♊13'00	
retrograde	-7357 Nov 12 j 16:31	10°♊57'36	
opposition	-7356 Jan 21 j 01:41	7°♊42'23	1°46'08
min. Earth dist.	-7356 Jan 21 j 08:27	7°♊41'08	9.19017 AU
direct	-7356 Apr 01 j 23:02	4°♊21'36	
evening set	-7356 Jul 14 j 07:21	11°♊22'31	
conjunction	-7356 Jul 31 j 01:20	13°♊17'39	1°38'19
minimum elong	-7356 Jul 31 j 01:17	13°♊17'38	1°38'47
max. Earth dist.	-7356 Jul 30 j 15:12	13°♊14'43	11.22061 AU
morning rise	-7356 Aug 16 j 15:15	15°♊11'41	
retrograde	-7356 Nov 22 j 20:40	21°♊54'26	
opposition	-7355 Jan 31 j 16:34	18°♊39'39	2°11'39
min. Earth dist.	-7355 Feb 01 j 03:06	18°♊37'43	9.24562 AU
direct	-7355 Apr 13 j 16:34	15°♊19'50	
evening set	-7355 Jul 25 j 11:06	22°♊17'01	
max. Earth dist.	-7355 Aug 10 j 11:04	24°♊06'43	11.26077 AU
conjunction	-7355 Aug 11 j 01:11	24°♊10'47	1°57'20
minimum elong	-7355 Aug 11 j 01:08	24°♊10'46	1°57'49
morning rise	-7355 Aug 27 j 12:06	26°♊03'42	
	-7355 Oct 05 j 03:48	0°♋	
retrograde	-7355 Dec 04 j 02:37	2°♋46'32	
	-7354 Feb 05 j 18:51	30°℞♊	
opposition	-7354 Feb 12 j 06:29	29°♊31'48	2°32'14
min. Earth dist.	-7354 Feb 12 j 19:33	29°♊29'25	9.27124 AU
direct	-7354 Apr 25 j 07:04	26°♊12'45	
	-7354 Jul 06 j 18:23	0°♋	
evening set	-7354 Aug 05 j 11:35	3°♋07'40	
conjunction	-7354 Aug 21 j 22:38	5°♋00'38	2°12'03
minimum elong	-7354 Aug 21 j 22:35	5°♋00'38	2°12'32
max. Earth dist.	-7354 Aug 21 j 06:13	4°♋55'54	11.27045 AU
morning rise	-7354 Sep 07 j 07:07	6°♋52'58	
retrograde	-7354 Dec 15 j 10:02	13°♋37'48	
opposition	-7353 Feb 23 j 21:17	10°♋22'45	2°47'24
min. Earth dist.	-7353 Feb 24 j 12:19	10°♋20'01	9.26561 AU
direct	-7353 May 06 j 18:17	7°♋04'15	
evening set	-7353 Aug 16 j 10:29	13°♋58'25	
conjunction	-7353 Sep 01 j 19:18	15°♋51'09	2°22'02
minimum elong	-7353 Sep 01 j 19:17	15°♋51'08	2°22'31
max. Earth dist.	-7353 Sep 01 j 00:46	15°♋45'47	11.24872 AU
morning rise	-7353 Sep 18 j 02:17	17°♋43'29	
retrograde	-7353 Dec 26 j 22:24	24°♋32'15	
opposition	-7352 Mar 06 j 14:18	21°♋16'34	2°56'41

Attention, astronomical year style is used: The year -7352 in astronomical counting style is the year 7353 BCE in historical counting style.

min. Earth dist.	-7352 Mar 07 j 07:44	21°♋13'24	9.22839 AU
direct	-7352 May 17 j 04:54	17°♋58'21	
evening set	-7352 Aug 26 j 09:49	24°♋53'19	
conjunction	-7352 Sep 11 j 17:14	26°♋46'26	2°26'57
minimum elong	-7352 Sep 11 j 17:14	26°♋46'26	2°27'25
max. Earth dist.	-7352 Sep 10 j 19:54	26°♋40'13	11.19608 AU
morning rise	-7352 Sep 28 j 00:00	28°♋39'26	
	-7352 Oct 10 j 00:36	0°♌	
retrograde	-7351 Jan 06 j 13:06	5°♌33'57	
opposition	-7351 Mar 18 j 10:38	2°♌17'17	2°59'39
min. Earth dist.	-7351 Mar 19 j 06:03	2°♌13'44	9.16091 AU
	-7351 Apr 22 j 02:27	30°℞♋	
direct	-7351 May 28 j 15:10	28°♋59'06	
	-7351 Jul 03 j 09:11	0°♌	
evening set	-7351 Sep 06 j 11:05	5°♌56'25	
conjunction	-7351 Sep 22 j 18:21	7°♌50'31	2°26'27
minimum elong	-7351 Sep 22 j 18:22	7°♌50'31	2°26'54
max. Earth dist.	-7351 Sep 21 j 19:53	7°♌43'55	11.11460 AU
morning rise	-7351 Oct 09 j 02:00	9°♌44'48	
	-7351 Dec 01 j 20:54	15°♌	
retrograde	-7350 Jan 18 j 12:28	16°♌46'49	
	-7350 Mar 08 j 22:52	15°℞♌	
opposition	-7350 Mar 30 j 11:38	13°♌28'49	2°55'58
min. Earth dist.	-7350 Mar 31 j 07:25	13°♌25'11	9.06572 AU
direct	-7350 Jun 09 j 06:56	10°♌10'24	
	-7350 Aug 29 j 01:34	15°♌	
evening set	-7350 Sep 17 j 16:07	17°♌11'29	
max. Earth dist.	-7350 Oct 03 j 02:48	19°♌00'46	11.00725 AU
conjunction	-7350 Oct 04 j 00:27	19°♌07'12	2°20'21
minimum elong	-7350 Oct 04 j 00:29	19°♌07'13	2°20'43
morning rise	-7350 Oct 20 j 09:55	21°♌03'23	
retrograde	-7349 Jan 30 j 20:03	28°♌14'28	
opposition	-7349 Apr 11 j 18:29	24°♌54'51	2°45'21
min. Earth dist.	-7349 Apr 12 j 13:07	24°♌51'24	8.94635 AU
direct	-7349 Jun 21 j 00:19	21°♌36'01	
evening set	-7349 Sep 29 j 02:56	28°♌42'12	
	-7349 Oct 09 j 24:00	0°♍	
conjunction	-7349 Oct 15 j 13:22	0°♍40'08	2°08'29
minimum elong	-7349 Oct 15 j 13:25	0°♍40'09	2°08'47
max. Earth dist.	-7349 Oct 14 j 16:26	0°♍33'50	10.87805 AU
morning rise	-7349 Nov 01 j 01:54	2°♍38'49	
retrograde	-7348 Feb 12 j 12:16	10°♍00'23	
opposition	-7348 Apr 23 j 08:16	6°♍38'57	2°27'38
min. Earth dist.	-7348 Apr 24 j 01:42	6°♍35'40	8.80736 AU
direct	-7348 Jul 01 j 22:32	3°♍19'25	
evening set	-7348 Oct 09 j 21:21	10°♍32'08	
conjunction	-7348 Oct 26 j 10:52	12°♍32'49	1°50'53
minimum elong	-7348 Oct 26 j 10:55	12°♍32'50	1°51'04
max. Earth dist.	-7348 Oct 25 j 14:53	12°♍26'43	10.73193 AU
morning rise	-7348 Nov 12 j 03:39	14°♍34'34	
retrograde	-7347 Feb 24 j 14:49	22°♍07'49	
opposition	-7347 May 06 j 05:46	18°♍44'26	2°02'53
min. Earth dist.	-7347 May 06 j 21:40	18°♍41'24	8.65417 AU
direct	-7347 Jul 14 j 03:51	15°♍24'00	
evening set	-7347 Oct 22 j 01:15	22°♍44'34	
conjunction	-7347 Nov 07 j 18:49	24°♍48'29	1°27'48
minimum elong	-7347 Nov 07 j 18:52	24°♍48'30	1°27'53
max. Earth dist.	-7347 Nov 07 j 01:15	24°♍43'01	10.57465 AU
morning rise	-7347 Nov 24 j 16:36	26°♍53'45	
	-7347 Dec 21 j 15:06	0°♎	
retrograde	-7346 Mar 10 j 03:01	4°♎39'37	

opposition	-7346 May 19 j 11:34	1°♎14'13	1°31'30
min. Earth dist.	-7346 May 20 j 00:59	1°♎11'37	8.49325 AU
	-7346 Jun 04 j 20:53	30°℞♍	
direct	-7346 Jul 26 j 17:25	27°♍52'44	
	-7346 Sep 14 j 07:48	0°♎	
evening set	-7346 Nov 03 j 16:25	5°♎22'23	
conjunction	-7346 Nov 20 j 14:52	7°♎29'53	0°59'46
minimum elong	-7346 Nov 20 j 14:55	7°♎29'54	0°59'45
max. Earth dist.	-7346 Nov 20 j 01:34	7°♎25'41	10.41307 AU
morning rise	-7346 Dec 07 j 18:07	9°♎38'59	
retrograde	-7345 Mar 24 j 02:40	17°♎37'58	
opposition	-7345 Jun 02 j 02:12	14°♎10'34	0°54'19
min. Earth dist.	-7345 Jun 02 j 11:37	14°♎08'43	8.33208 AU
direct	-7345 Aug 08 j 16:28	10°♎47'57	
evening set	-7345 Nov 16 j 20:29	18°♎27'37	
conjunction	-7345 Dec 04 j 00:13	20°♎38'54	0°27'47
minimum elong	-7345 Dec 04 j 00:14	20°♎38'55	0°27'40
max. Earth dist.	-7345 Dec 03 j 15:44	20°♎36'11	10.25498 AU
morning rise	-7345 Dec 21 j 09:09	22°♎51'57	
	-7344 Mar 02 j 05:31	0°♏	
retrograde	-7344 Apr 06 j 14:12	1°♏03'52	
	-7344 May 12 j 08:46	30°℞♎	
opposition	-7344 Jun 15 j 01:31	27°♎34'39	0°12'46
min. Earth dist.	-7344 Jun 15 j 06:17	27°♎33'42	8.17882 AU
direct	-7344 Aug 21 j 00:01	24°♎10'48	
desc. node	-7344 Oct 04 j 11:56	25°♎58'32	
	-7344 Nov 13 j 07:52	0°♏	
evening set	-7344 Nov 29 j 14:47	2°♏01'09	
conjunction	-7344 Dec 16 j 23:45	4°♏16'09	-0°06'48
minimum elong	-7344 Dec 16 j 23:44	4°♏16'08	0°07'02
behind sun begin	-7344 Dec 16 j 17:04	4°♏13'59	
behind sun end	-7344 Dec 17 j 06:24	4°♏18'18	
max. Earth dist.	-7344 Dec 16 j 20:14	4°♏15'02	10.10874 AU
morning rise	-7343 Jan 03 j 14:11	6°♏32'59	
retrograde	-7343 Apr 21 j 11:47	14°♏56'49	
opposition	-7343 Jun 29 j 08:50	11°♏26'05	-0°31'02
min. Earth dist.	-7343 Jun 29 j 08:56	11°♏26'04	8.04214 AU
direct	-7343 Sep 03 j 16:55	8°♏00'56	
	-7343 Dec 05 j 20:56	15°♏	
evening set	-7343 Dec 13 j 23:24	16°♏02'05	
conjunction	-7343 Dec 31 j 13:14	18°♏20'27	-0°41'52
minimum elong	-7343 Dec 31 j 13:11	18°♏20'26	0°42'11
max. Earth dist.	-7343 Dec 31 j 14:51	18°♏20'59	9.98316 AU
morning rise	-7342 Jan 18 j 08:35	20°♏40'39	
retrograde	-7342 May 06 j 16:12	29°♏14'27	
opposition	-7342 Jul 13 j 23:14	25°♏42'34	-1°14'20
min. Earth dist.	-7342 Jul 13 j 18:55	25°♏43'27	7.93070 AU
direct	-7342 Sep 17 j 20:52	22°♏16'08	
	-7342 Dec 25 j 09:08	0°♐	
evening set	-7342 Dec 28 j 21:28	0°♐27'24	
conjunction	-7341 Jan 15 j 15:36	2°♐48'32	-1°15'12
minimum elong	-7341 Jan 15 j 15:32	2°♐48'31	1°15'36
max. Earth dist.	-7341 Jan 15 j 22:43	2°♐50'54	9.88660 AU
morning rise	-7341 Feb 02 j 14:56	5°♐11'22	
retrograde	-7341 May 22 j 01:06	13°♐52'08	
opposition	-7341 Jul 28 j 18:43	10°♐19'34	-1°53'55
min. Earth dist.	-7341 Jul 28 j 10:31	10°♐21'16	7.85217 AU
direct	-7341 Oct 02 j 10:20	6°♐51'56	
evening set	-7340 Jan 13 j 07:18	15°♐11'45	
conjunction	-7340 Jan 31 j 04:55	17°♐34'51	-1°44'14
minimum elong	-7340 Jan 31 j 04:50	17°♐34'49	1°44'41

Attention, astronomical year style is used: The year -7340 in astronomical counting style is the year 7341 BCE in historical counting style.

max. Earth dist.	-7340 Jan 31 j 17:33	17°♐39'05	9.82602 AU
morning rise	-7340 Feb 18 j 06:56	19°♐59'19	
retrograde	-7340 Jun 05 j 10:54	28°♐43'07	
opposition	-7340 Aug 11 j 16:41	25°♐10'24	-2°26'31
min. Earth dist.	-7340 Aug 11 j 04:51	25°♐12'53	7.81234 AU
direct	-7340 Oct 16 j 07:00	21°♐41'43	
	-7339 Jan 27 j 01:59	0°♑	
evening set	-7339 Jan 28 j 01:11	0°♑07'37	
conjunction	-7339 Feb 15 j 01:21	2°♑31'40	-2°06'36
minimum elong	-7339 Feb 15 j 01:18	2°♑31'39	2°07'05
max. Earth dist.	-7339 Feb 15 j 19:04	2°♑37'37	9.80623 AU
morning rise	-7339 Mar 05 j 04:47	4°♑56'42	
retrograde	-7339 Jun 20 j 18:05	13°♑39'03	
opposition	-7339 Aug 26 j 14:38	10°♑06'44	-2°49'22
min. Earth dist.	-7339 Aug 25 j 23:35	10°♑09'54	7.81439 AU
direct	-7339 Oct 31 j 07:52	6°♑37'17	
evening set	-7338 Feb 12 j 22:32	15°♑05'55	
conjunction	-7338 Mar 03 j 00:21	17°♑29'55	-2°20'29
minimum elong	-7338 Mar 03 j 00:19	17°♑29'55	2°20'58
max. Earth dist.	-7338 Mar 03 j 22:10	17°♑37'13	9.82909 AU
morning rise	-7338 Mar 21 j 04:00	19°♑54'25	
retrograde	-7338 Jul 05 j 20:05	28°♑30'52	
opposition	-7338 Sep 10 j 09:37	24°♑59'26	-3°00'39
min. Earth dist.	-7338 Sep 09 j 16:04	25°♑03'08	7.85835 AU
direct	-7338 Nov 15 j 10:39	21°♑29'30	
evening set	-7337 Feb 28 j 18:49	29°♑57'16	
	-7337 Mar 01 j 03:14	0°♒	
conjunction	-7337 Mar 18 j 21:26	2°♒20'15	-2°24'57
minimum elong	-7337 Mar 18 j 21:26	2°♒20'15	2°25'23
max. Earth dist.	-7337 Mar 19 j 21:55	2°♒28'22	9.89307 AU
morning rise	-7337 Apr 06 j 00:20	4°♒43'13	
retrograde	-7337 Jul 20 j 13:29	13°♒09'46	
opposition	-7337 Sep 24 j 22:55	9°♒39'41	-2°59'53
min. Earth dist.	-7337 Sep 24 j 03:59	9°♒43'39	7.94098 AU
direct	-7337 Nov 30 j 11:55	6°♒09'38	
evening set	-7336 Mar 15 j 09:21	14°♒32'59	
	-7336 Mar 18 j 21:22	15°♒	
conjunction	-7336 Apr 02 j 11:53	16°♒54'07	-2°20'01
minimum elong	-7336 Apr 02 j 11:55	16°♒54'07	2°20'23
max. Earth dist.	-7336 Apr 03 j 13:21	17°♒02'27	9.99341 AU
morning rise	-7336 Apr 20 j 13:12	19°♒14'46	
retrograde	-7336 Aug 02 j 20:05	27°♒28'29	
min. Earth dist.	-7336 Oct 07 j 10:05	24°♒04'00	8.05627 AU
opposition	-7336 Oct 08 j 04:52	24°♒00'06	-2°47'47
direct	-7336 Dec 14 j 08:56	20°♒30'17	
evening set	-7335 Mar 30 j 14:06	28°♒46'11	
	-7335 Apr 09 j 06:04	0°♓	
conjunction	-7335 Apr 17 j 15:40	1°♓04'47	-2°06'39
minimum elong	-7335 Apr 17 j 15:44	1°♓04'49	2°06'55
max. Earth dist.	-7335 Apr 18 j 16:12	1°♓12'41	10.12282 AU
morning rise	-7335 May 05 j 14:42	3°♓22'32	
retrograde	-7335 Aug 16 j 14:05	11°♓21'47	
min. Earth dist.	-7335 Oct 21 j 08:43	7°♓58'51	8.19619 AU
opposition	-7335 Oct 22 j 01:56	7°♓55'19	-2°26'04
direct	-7335 Dec 28 j 23:08	4°♓26'02	
evening set	-7334 Apr 14 j 06:50	12°♓32'20	
conjunction	-7334 May 02 j 06:37	14°♓48'00	-1°46'20
minimum elong	-7334 May 02 j 06:41	14°♓48'01	1°46'31
max. Earth dist.	-7334 May 03 j 04:08	14°♓54'48	10.27236 AU
morning rise	-7334 May 20 j 02:49	17°♓02'29	
retrograde	-7334 Aug 29 j 19:53	24°♓46'48	
opposition	-7334 Nov 04 j 13:21	21°♓22'20	-1°57'00
min. Earth dist.	-7334 Nov 03 j 22:56	21°♓25'15	8.35139 AU
direct	-7333 Jan 12 j 04:20	17°♓53'51	
evening set	-7333 Apr 28 j 10:16	25°♓49'26	
conjunction	-7333 May 16 j 07:26	28°♓01'54	-1°20'56
minimum elong	-7333 May 16 j 07:30	28°♓01'56	1°20'59
max. Earth dist.	-7333 May 17 j 00:17	28°♓07'08	10.43210 AU
	-7333 Jun 01 j 05:42	0°♈	
morning rise	-7333 Jun 03 j 00:18	0°♈12'58	
retrograde	-7333 Sep 11 j 13:55	7°♈43'04	
opposition	-7333 Nov 17 j 15:28	4°♈20'35	-1°22'57
min. Earth dist.	-7333 Nov 17 j 04:12	4°♈22'49	8.51205 AU
direct	-7332 Jan 26 j 00:31	0°♈53'09	
evening set	-7332 May 11 j 00:09	8°♈37'49	
conjunction	-7332 May 28 j 17:59	10°♈47'02	-0°52'14
minimum elong	-7332 May 28 j 18:01	10°♈47'03	0°52'12
max. Earth dist.	-7332 May 29 j 05:41	10°♈50'37	10.59252 AU
morning rise	-7332 Jun 15 j 06:58	12°♈54'44	
retrograde	-7332 Sep 22 j 21:11	20°♈12'07	
opposition	-7332 Nov 29 j 08:51	16°♈51'31	-0°46'11
min. Earth dist.	-7332 Nov 29 j 00:32	16°♈53'09	8.66961 AU
direct	-7331 Feb 07 j 11:12	13°♈25'18	
evening set	-7331 May 24 j 01:16	20°♈59'31	
conjunction	-7331 Jun 10 j 15:17	23°♈05'34	-0°21'58
minimum elong	-7331 Jun 10 j 15:18	23°♈05'34	0°21'51
max. Earth dist.	-7331 Jun 10 j 22:43	23°♈07'47	10.74619 AU
morning rise	-7331 Jun 27 j 23:59	25°♈10'01	
	-7331 Aug 13 j 18:02	0°♉	
retrograde	-7331 Oct 04 j 21:54	2°♉16'33	
	-7331 Nov 28 j 00:43	30°℞♈	
opposition	-7331 Dec 11 j 18:31	28°♈57'37	-0°08'37
min. Earth dist.	-7331 Dec 11 j 13:34	28°♈58'34	8.81761 AU
direct	-7330 Feb 20 j 11:07	25°♈32'41	
asc. node	-7330 Mar 08 j 18:07	25°♈45'42	
	-7330 May 09 j 17:20	0°♉	
evening set	-7330 Jun 05 j 14:46	2°♉57'16	
conjunction	-7330 Jun 23 j 00:31	5°♉00'20	0°08'29
minimum elong	-7330 Jun 23 j 00:30	5°♉00'19	0°08'42
behind sun begin	-7330 Jun 22 j 18:21	4°♉58'31	
behind sun end	-7330 Jun 23 j 06:40	5°♉02'08	
max. Earth dist.	-7330 Jun 23 j 03:49	5°♉01'17	10.88719 AU
morning rise	-7330 Jul 10 j 04:41	7°♉01'48	
retrograde	-7330 Oct 16 j 14:35	13°♉59'25	
opposition	-7330 Dec 23 j 21:47	10°♉41'54	0°28'06
min. Earth dist.	-7330 Dec 23 j 21:02	10°♉42'03	8.95056 AU
direct	-7329 Mar 05 j 01:22	7°♉18'12	
evening set	-7329 Jun 17 j 18:05	14°♉34'17	
	-7329 Jun 21 j 11:17	15°♉	
conjunction	-7329 Jul 04 j 23:06	16°♉34'36	0°37'43
minimum elong	-7329 Jul 04 j 23:04	16°♉34'35	0°38'02
max. Earth dist.	-7329 Jul 04 j 21:32	16°♉34'08	11.01038 AU
morning rise	-7329 Jul 21 j 22:48	18°♉33'25	
retrograde	-7329 Oct 28 j 00:55	25°♉24'13	
opposition	-7328 Jan 04 j 19:50	22°♉07'48	1°02'41
min. Earth dist.	-7328 Jan 04 j 23:16	22°♉07'09	9.06377 AU
direct	-7328 Mar 16 j 09:29	18°♉45'15	
evening set	-7328 Jun 28 j 12:33	25°♉54'09	
conjunction	-7328 Jul 15 j 12:48	27°♉52'02	1°04'53
minimum elong	-7328 Jul 15 j 12:46	27°♉52'01	1°05'17
max. Earth dist.	-7328 Jul 15 j 06:12	27°♉50'07	11.11169 AU
morning rise	-7328 Aug 01 j 08:20	29°♉48'35	

Attention, astronomical year style is used: The year -7328 in astronomical counting style is the year 7329 BCE in historical counting style.

	-7328 Aug 03 j 00:31	0°♊	
retrograde	-7328 Nov 07 j 08:03	6°♊34'40	
opposition	-7327 Jan 15 j 13:50	3°♊18'59	1°34'05
min. Earth dist.	-7327 Jan 15 j 20:23	3°♊17'46	9.15343 AU
	-7327 Mar 21 j 03:39	30°℞♉	
direct	-7327 Mar 28 j 10:31	29°♉57'29	
	-7327 Apr 04 j 17:21	0°♊	
evening set	-7327 Jul 09 j 23:31	7°♊00'33	
conjunction	-7327 Jul 26 j 19:24	8°♊56'28	1°29'08
minimum elong	-7327 Jul 26 j 19:21	8°♊56'27	1°29'36
max. Earth dist.	-7327 Jul 26 j 09:26	8°♊53'35	11.18778 AU
morning rise	-7327 Aug 12 j 11:00	10°♊51'12	
retrograde	-7327 Nov 18 j 13:33	17°♊34'36	
opposition	-7326 Jan 27 j 05:08	14°♊19'20	2°01'30
min. Earth dist.	-7326 Jan 27 j 14:17	14°♊17'39	9.21650 AU
direct	-7326 Apr 09 j 06:20	10°♊58'44	
evening set	-7326 Jul 21 j 05:01	17°♊57'29	
conjunction	-7326 Aug 06 j 20:55	19°♊51'51	1°49'50
minimum elong	-7326 Aug 06 j 20:52	19°♊51'51	1°50'19
max. Earth dist.	-7326 Aug 06 j 08:19	19°♊48'14	11.23618 AU
morning rise	-7326 Aug 23 j 08:58	21°♊45'15	
retrograde	-7326 Nov 29 j 19:35	28°♊27'58	
opposition	-7325 Feb 07 j 19:14	25°♊12'47	2°24'16
min. Earth dist.	-7325 Feb 08 j 07:36	25°♊10'32	9.25109 AU
direct	-7325 Apr 20 j 20:39	21°♊52'56	
evening set	-7325 Aug 01 j 06:39	28°♊48'51	
	-7325 Aug 11 j 16:20	0°♋	
conjunction	-7325 Aug 17 j 18:59	0°♋42'13	2°06'26
minimum elong	-7325 Aug 17 j 18:57	0°♋42'12	2°06'55
max. Earth dist.	-7325 Aug 17 j 02:53	0°♋37'34	11.25563 AU
morning rise	-7325 Sep 03 j 04:24	2°♋34'50	
retrograde	-7325 Dec 11 j 00:21	9°♋18'48	
opposition	-7324 Feb 19 j 09:37	6°♋03'24	2°41'49
min. Earth dist.	-7324 Feb 20 j 00:57	6°♋00'37	9.25634 AU
direct	-7324 May 01 j 07:47	2°♋44'06	
evening set	-7324 Aug 11 j 05:54	9°♋38'43	
conjunction	-7324 Aug 27 j 15:31	11°♋31'36	2°18'29
minimum elong	-7324 Aug 27 j 15:29	11°♋31'35	2°18'58
max. Earth dist.	-7324 Aug 26 j 20:39	11°♋26'09	11.24575 AU
morning rise	-7324 Sep 12 j 23:14	13°♋23'59	
retrograde	-7324 Dec 21 j 09:58	20°♋11'08	
opposition	-7323 Mar 02 j 01:24	16°♋55'12	2°53'39
min. Earth dist.	-7323 Mar 02 j 18:24	16°♋52'06	9.23205 AU
direct	-7323 May 12 j 20:06	13°♋36'16	
evening set	-7323 Aug 22 j 04:42	20°♋31'04	
conjunction	-7323 Sep 07 j 12:42	22°♋24'04	2°25'36
minimum elong	-7323 Sep 07 j 12:42	22°♋24'04	2°26'04
max. Earth dist.	-7323 Sep 06 j 16:59	22°♋18'20	11.20672 AU
morning rise	-7323 Sep 23 j 19:32	24°♋16'50	
	-7323 Nov 24 j 23:56	0°♌	
retrograde	-7322 Jan 01 j 23:47	1°♌08'56	
	-7322 Feb 09 j 23:59	30°℞♋	
opposition	-7322 Mar 13 j 19:48	27°♋52'10	2°59'21
min. Earth dist.	-7322 Mar 14 j 13:21	27°♋48'58	9.17879 AU
direct	-7322 May 24 j 06:22	24°♋33'29	
	-7322 Aug 19 j 18:53	0°♌	
evening set	-7322 Sep 02 j 04:47	1°♌29'56	
conjunction	-7322 Sep 18 j 12:10	3°♌23'39	2°27'26
minimum elong	-7322 Sep 18 j 12:11	3°♌23'39	2°27'53
max. Earth dist.	-7322 Sep 17 j 15:39	3°♌17'39	11.13963 AU
morning rise	-7322 Oct 04 j 19:12	5°♌17'24	

retrograde	-7321 Jan 13 j 21:00	12°♌16'12	
opposition	-7321 Mar 25 j 18:40	8°♌58'23	2°58'32
min. Earth dist.	-7321 Mar 26 j 12:57	8°♌55'02	9.09817 AU
direct	-7321 Jun 04 j 18:50	5°♌39'43	
evening set	-7321 Sep 13 j 07:56	12°♌39'15	
conjunction	-7321 Sep 29 j 15:39	14°♌34'17	2°23'44
minimum elong	-7321 Sep 29 j 15:40	14°♌34'18	2°24'08
max. Earth dist.	-7321 Sep 28 j 18:06	14°♌27'55	11.04662 AU
	-7321 Oct 03 j 06:35	15°♌	
morning rise	-7321 Oct 16 j 00:14	16°♌29'40	
retrograde	-7320 Jan 25 j 23:34	23°♌36'49	
opposition	-7320 Apr 05 j 23:01	20°♌17'41	2°50'50
min. Earth dist.	-7320 Apr 06 j 17:47	20°♌14'13	8.99281 AU
direct	-7320 Jun 15 j 09:28	16°♌58'50	
evening set	-7320 Sep 23 j 16:05	24°♌02'53	
max. Earth dist.	-7320 Oct 09 j 04:13	25°♌53'30	10.93071 AU
conjunction	-7320 Oct 10 j 01:23	25°♌59'50	2°14'17
minimum elong	-7320 Oct 10 j 01:25	25°♌59'51	2°14'37
morning rise	-7320 Oct 26 j 12:38	27°♌57'27	
	-7320 Nov 13 j 12:34	0°♍	
retrograde	-7319 Feb 06 j 10:52	5°♍14'28	
opposition	-7319 Apr 18 j 09:35	1°♍53'46	2°36'05
min. Earth dist.	-7319 Apr 19 j 03:34	1°♍50'25	8.86628 AU
	-7319 May 15 j 10:24	30°℞♌	
direct	-7319 Jun 27 j 06:43	28°♌34'32	
	-7319 Aug 07 j 17:10	0°♍	
evening set	-7319 Oct 05 j 07:01	5°♍44'31	
conjunction	-7319 Oct 21 j 19:09	7°♍43'59	1°59'04
minimum elong	-7319 Oct 21 j 19:12	7°♍44'00	1°59'18
max. Earth dist.	-7319 Oct 21 j 00:05	7°♍38'11	10.79587 AU
morning rise	-7319 Nov 07 j 09:59	9°♍44'22	
retrograde	-7318 Feb 19 j 10:31	17°♍12'34	
opposition	-7318 May 01 j 03:44	13°♍50'11	2°14'13
min. Earth dist.	-7318 May 01 j 19:22	13°♍47'13	8.72318 AU
direct	-7318 Jul 09 j 09:41	10°♍30'22	
evening set	-7318 Oct 17 j 06:40	17°♍47'32	
conjunction	-7318 Nov 02 j 22:30	19°♍50'01	1°38'12
minimum elong	-7318 Nov 02 j 22:33	19°♍50'02	1°38'20
max. Earth dist.	-7318 Nov 02 j 06:00	19°♍44'56	10.64727 AU
morning rise	-7318 Nov 19 j 17:51	21°♍53'42	
retrograde	-7317 Mar 04 j 19:28	29°♍34'08	
opposition	-7317 May 14 j 06:12	26°♍09'55	1°45'30
min. Earth dist.	-7317 May 14 j 18:53	26°♍07'30	8.56939 AU
direct	-7317 Jul 21 j 18:16	22°♍49'21	
	-7317 Oct 27 j 16:12	0°♎	
evening set	-7317 Oct 29 j 17:07	0°♎14'58	
conjunction	-7317 Nov 15 j 13:21	2°♎20'50	1°12'08
minimum elong	-7317 Nov 15 j 13:24	2°♎20'51	1°12'10
max. Earth dist.	-7317 Nov 14 j 23:16	2°♎16'25	10.49125 AU
morning rise	-7317 Dec 02 j 14:06	4°♎28'12	
retrograde	-7316 Mar 17 j 15:03	12°♎21'25	
opposition	-7316 May 26 j 17:15	8°♎55'23	1°10'35
min. Earth dist.	-7316 May 27 j 03:02	8°♎53'29	8.41183 AU
direct	-7316 Aug 02 j 12:47	5°♎33'50	
evening set	-7316 Nov 10 j 15:49	13°♎08'56	
conjunction	-7316 Nov 27 j 17:02	15°♎18'28	0°41'39
minimum elong	-7316 Nov 27 j 17:04	15°♎18'29	0°41'34
max. Earth dist.	-7316 Nov 27 j 06:22	15°♎15'04	10.33497 AU
morning rise	-7316 Dec 14 j 23:33	17°♎29'42	
retrograde	-7315 Mar 31 j 21:34	25°♎35'46	
opposition	-7315 Jun 09 j 13:03	22°♎07'58	0°30'39

Attention, astronomical year style is used: The year -7315 in astronomical counting style is the year 7316 BCE in historical counting style.

min. Earth dist.	-7315 Jun 09 j 19:40	22°♎06'39	8.25802 AU
direct	-7315 Aug 15 j 16:48	18°♎45'16	
evening set	-7315 Nov 24 j 03:54	26°♎30'36	
conjunction	-7315 Dec 11 j 10:22	28°♎43'49	0°08'02
minimum elong	-7315 Dec 11 j 10:23	28°♎43'49	0°07'50
behind sun begin	-7315 Dec 11 j 03:55	28°♎41'45	
behind sun end	-7315 Dec 11 j 16:50	28°♎45'53	
max. Earth dist.	-7315 Dec 11 j 04:24	28°♎41'54	10.18596 AU
	-7315 Dec 21 j 06:12	0°♏	
morning rise	-7315 Dec 28 j 22:29	0°♏58'52	
desc. node	-7314 Mar 08 j 11:18	8°♏02'50	
retrograde	-7314 Apr 15 j 14:04	9°♏17'10	
opposition	-7314 Jun 23 j 17:04	5°♏47'44	-0°12'28
min. Earth dist.	-7314 Jun 23 j 19:48	5°♏47'12	8.11569 AU
direct	-7314 Aug 29 j 06:35	2°♏23'47	
evening set	-7314 Dec 08 j 06:09	10°♏19'42	
conjunction	-7314 Dec 25 j 17:49	12°♏36'26	-0°27'08
minimum elong	-7314 Dec 25 j 17:48	12°♏36'25	0°27'25
max. Earth dist.	-7314 Dec 25 j 17:12	12°♏36'14	10.05190 AU
morning rise	-7313 Jan 12 j 11:03	14°♏55'01	
	-7313 Jan 13 j 02:35	15°♏	
retrograde	-7313 Apr 30 j 14:33	23°♏24'09	
opposition	-7313 Jul 08 j 04:25	19°♏53'22	-0°56'18
min. Earth dist.	-7313 Jul 08 j 02:50	19°♏53'42	7.99252 AU
direct	-7313 Sep 12 j 06:58	16°♏28'06	
evening set	-7313 Dec 22 j 22:28	24°♏34'30	
conjunction	-7312 Jan 09 j 14:50	26°♏54'20	-1°01'30
minimum elong	-7312 Jan 09 j 14:47	26°♏54'19	1°01'52
max. Earth dist.	-7312 Jan 09 j 19:53	26°♏56'00	9.94067 AU
morning rise	-7312 Jan 27 j 12:23	29°♏15'53	
	-7312 Feb 02 j 05:17	0°♐	
retrograde	-7312 May 14 j 21:36	7°♐53'30	
opposition	-7312 Jul 21 j 21:44	4°♐21'46	-1°37'49
min. Earth dist.	-7312 Jul 21 j 15:29	4°♐23'04	7.89667 AU
direct	-7312 Sep 25 j 16:05	0°♐55'13	
evening set	-7311 Jan 06 j 03:30	9°♐11'04	
conjunction	-7311 Jan 23 j 23:44	11°♐33'16	-1°32'39
minimum elong	-7311 Jan 23 j 23:40	11°♐33'15	1°33'05
max. Earth dist.	-7311 Jan 24 j 10:19	11°♐36'48	9.86072 AU
morning rise	-7311 Feb 11 j 00:26	13°♐56'57	
retrograde	-7311 May 30 j 07:47	22°♐39'34	
opposition	-7311 Aug 05 j 18:50	19°♐07'19	-2°13'44
min. Earth dist.	-7311 Aug 05 j 08:21	19°♐09'31	7.83602 AU
direct	-7311 Oct 10 j 08:49	15°♐39'33	
evening set	-7310 Jan 21 j 18:17	24°♐02'45	
conjunction	-7310 Feb 08 j 17:26	26°♐26'23	-1°58'06
minimum elong	-7310 Feb 08 j 17:22	26°♐26'22	1°58'35
max. Earth dist.	-7310 Feb 09 j 09:06	26°♐31'38	9.81913 AU
morning rise	-7310 Feb 26 j 20:07	28°♐51'10	
	-7310 Mar 07 j 16:33	0°♑	
retrograde	-7310 Jun 14 j 17:26	7°♑34'27	
opposition	-7310 Aug 20 j 17:07	4°♑02'11	-2°41'01
min. Earth dist.	-7310 Aug 20 j 03:21	4°♑05'04	7.81591 AU
direct	-7310 Oct 25 j 07:16	0°♑33'18	
evening set	-7309 Feb 06 j 14:41	9°♑00'52	
conjunction	-7309 Feb 24 j 15:51	11°♑24'56	-2°15'46
minimum elong	-7309 Feb 24 j 15:48	11°♑24'55	2°16'15
max. Earth dist.	-7309 Feb 25 j 11:36	11°♑31'32	9.81963 AU
morning rise	-7309 Mar 14 j 19:23	13°♑49'42	
retrograde	-7309 Jun 29 j 22:52	22°♑29'02	
opposition	-7309 Sep 04 j 13:41	18°♑57'15	-2°57'24

min. Earth dist.	-7309 Sep 03 j 21:45	19°♑00'37	7.83798 AU
direct	-7309 Nov 09 j 10:03	15°♑27'32	
evening set	-7308 Feb 22 j 12:04	23°♑55'55	
conjunction	-7308 Mar 11 j 14:17	26°♑19'23	-2°24'18
minimum elong	-7308 Mar 11 j 14:17	26°♑19'23	2°24'45
max. Earth dist.	-7308 Mar 12 j 12:36	26°♑26'48	9.86219 AU
morning rise	-7308 Mar 29 j 17:35	28°♑43'05	
	-7308 Apr 08 j 17:29	0°♒	
retrograde	-7308 Jul 13 j 19:53	7°♒14'10	
opposition	-7308 Sep 18 j 05:38	3°♒43'23	-3°01'47
min. Earth dist.	-7308 Sep 17 j 12:38	3°♒46'57	7.90044 AU
direct	-7308 Nov 23 j 13:13	0°♒13'09	
evening set	-7307 Mar 09 j 05:18	8°♒38'42	
conjunction	-7307 Mar 27 j 07:47	11°♒00'41	-2°23'20
minimum elong	-7307 Mar 27 j 07:48	11°♒00'41	2°23'44
max. Earth dist.	-7307 Mar 28 j 07:03	11°♒08'20	9.94353 AU
morning rise	-7307 Apr 14 j 09:57	13°♒22'26	
	-7307 Apr 27 j 07:20	15°♒	
retrograde	-7307 Jul 28 j 05:51	21°♒41'53	
opposition	-7307 Oct 02 j 14:51	18°♒12'29	-2°54'23
min. Earth dist.	-7307 Oct 01 j 21:29	18°♒16'06	7.99853 AU
	-7307 Nov 20 j 15:02	15°℞♒	
direct	-7307 Dec 08 j 13:09	14°♒42'08	
	-7307 Dec 26 j 10:27	15°♒	
evening set	-7306 Mar 24 j 14:11	23°♒01'32	
conjunction	-7306 Apr 11 j 16:12	25°♒21'19	-2°13'25
minimum elong	-7306 Apr 11 j 16:15	25°♒21'20	2°13'44
max. Earth dist.	-7306 Apr 12 j 15:04	25°♒28'44	10.05747 AU
morning rise	-7306 Apr 29 j 16:32	27°♒40'26	
	-7306 May 18 j 15:15	0°♓	
retrograde	-7306 Aug 11 j 03:54	5°♓46'06	
opposition	-7306 Oct 16 j 15:33	2°♓18'22	-2°36'33
min. Earth dist.	-7306 Oct 15 j 22:29	2°♓21'53	8.12507 AU
	-7306 Nov 16 j 06:59	30°℞♒	
direct	-7306 Dec 23 j 06:51	28°♒48'19	
	-7305 Jan 29 j 02:29	0°♓	
evening set	-7305 Apr 08 j 12:06	6°♓59'03	
conjunction	-7305 Apr 26 j 12:50	9°♓16'07	-1°55'52
minimum elong	-7305 Apr 26 j 12:54	9°♓16'09	1°56'05
max. Earth dist.	-7305 Apr 27 j 10:10	9°♓22'56	10.19590 AU
morning rise	-7305 May 14 j 10:33	11°♓32'09	
retrograde	-7305 Aug 24 j 14:49	19°♓23'04	
opposition	-7305 Oct 30 j 06:53	15°♓57'13	-2°10'21
min. Earth dist.	-7305 Oct 29 j 15:04	16°♓00'26	8.27162 AU
direct	-7304 Jan 06 j 15:19	12°♓27'48	
evening set	-7304 Apr 21 j 21:08	20°♓28'18	
conjunction	-7304 May 09 j 19:44	22°♓42'19	-1°32'25
minimum elong	-7304 May 09 j 19:48	22°♓42'20	1°32'31
max. Earth dist.	-7304 May 10 j 14:37	22°♓48'14	10.34993 AU
morning rise	-7304 May 27 j 14:11	24°♓54'59	
	-7304 Jul 13 j 12:32	0°♈	
retrograde	-7304 Sep 05 j 14:49	2°♈31'23	
	-7304 Oct 31 j 11:57	30°℞♓	
opposition	-7304 Nov 11 j 12:55	29°♓07'28	-1°38'08
min. Earth dist.	-7304 Nov 10 j 23:23	29°♓10'11	8.42947 AU
direct	-7303 Jan 19 j 14:46	25°♓39'01	
	-7303 Apr 04 j 23:29	0°♈	
evening set	-7303 May 05 j 16:30	3°♈28'34	
conjunction	-7303 May 23 j 12:08	5°♈39'21	-1°04'54
minimum elong	-7303 May 23 j 12:11	5°♈39'22	1°04'54
max. Earth dist.	-7303 May 24 j 03:37	5°♈44'07	10.51078 AU

Attention, astronomical year style is used: The year -7303 in astronomical counting style is the year 7304 BCE in historical counting style.

morning rise	-7303 Jun 10 j 02:50	7°♈48'36		
retrograde	-7303 Sep 18 j 02:39	15°♈11'31		
opposition	-7303 Nov 24 j 09:52	11°♈49'34	-1°02'16	
min. Earth dist.	-7303 Nov 23 j 23:52	11°♈51'32	8.59021 AU	
direct	-7302 Feb 02 j 04:50	8°♈22'16		
evening set	-7302 May 18 j 22:55	16°♈01'01		
conjunction	-7302 Jun 05 j 14:47	18°♈08'31	-0°35'07	
minimum elong	-7302 Jun 05 j 14:49	18°♈08'31	0°35'02	
max. Earth dist.	-7302 Jun 06 j 01:24	18°♈11'43	10.67024 AU	
morning rise	-7302 Jun 23 j 01:25	20°♈14'26		
retrograde	-7302 Sep 30 j 05:26	27°♈25'28		
opposition	-7302 Dec 06 j 22:25	24°♈05'21	-0°24'49	
min. Earth dist.	-7302 Dec 06 j 16:04	24°♈06'35	8.74611 AU	
direct	-7301 Feb 15 j 08:50	20°♈39'23		
evening set	-7301 May 31 j 17:06	28°♈07'58		
	-7301 Jun 16 j 11:22	0°♉		
conjunction	-7301 Jun 18 j 04:41	0°♉12'20	-0°04'41	
minimum elong	-7301 Jun 18 j 04:41	0°♉12'20	0°04'30	
behind sun begin	-7301 Jun 17 j 21:41	0°♉10'16		
behind sun end	-7301 Jun 18 j 11:41	0°♉14'24		
max. Earth dist.	-7301 Jun 18 j 10:00	0°♉13'53	10.82110 AU	
morning rise	-7301 Jul 05 j 11:00	2°♉15'06		
asc. node	-7301 Aug 14 j 22:10	6°♉30'26		
retrograde	-7301 Oct 11 j 23:28	9°♉16'12		
opposition	-7301 Dec 19 j 03:56	5°♉57'44	0°12'26	
min. Earth dist.	-7301 Dec 19 j 00:43	5°♉58'21	8.89043 AU	
direct	-7300 Feb 28 j 03:35	2°♉33'11		
evening set	-7300 Jun 12 j 00:06	9°♉52'38		
conjunction	-7300 Jun 29 j 07:10	11°♉54'04	0°25'17	
minimum elong	-7300 Jun 29 j 07:08	11°♉54'04	0°25'33	
max. Earth dist.	-7300 Jun 29 j 08:14	11°♉54'23	10.95716 AU	
morning rise	-7300 Jul 16 j 08:58	13°♉54'00		
	-7300 Jul 26 j 01:37	15°♉		
retrograde	-7300 Oct 22 j 12:43	20°♉47'19		
opposition	-7300 Dec 30 j 03:35	17°♉30'14	0°48'03	
min. Earth dist.	-7300 Dec 30 j 03:20	17°♉30'16	9.01745 AU	
	-7299 Feb 05 j 17:44	15°℞♉		
direct	-7299 Mar 11 j 14:50	14°♉07'04		
	-7299 Apr 14 j 03:26	15°♉		
evening set	-7299 Jun 23 j 21:44	21°♉18'39		
conjunction	-7299 Jul 11 j 00:13	23°♉17'30	0°53'26	
minimum elong	-7299 Jul 11 j 00:11	23°♉17'29	0°53'48	
max. Earth dist.	-7299 Jul 10 j 21:51	23°♉16'48	11.07329 AU	
morning rise	-7299 Jul 27 j 21:29	25°♉14'55		
	-7299 Sep 13 j 17:41	0°♊		
retrograde	-7299 Nov 02 j 22:42	2°♊02'31		
	-7299 Dec 25 j 01:47	30°℞♉		
opposition	-7298 Jan 10 j 22:37	28°♉46'33	1°20'55	
min. Earth dist.	-7298 Jan 11 j 02:22	28°♉45'51	9.12258 AU	
direct	-7298 Mar 23 j 16:23	25°♉24'43		
	-7298 Jun 12 j 08:52	0°♊		
evening set	-7298 Jul 05 j 11:38	2°♊29'49		
conjunction	-7298 Jul 22 j 09:28	4°♊26'29	1°19'02	
minimum elong	-7298 Jul 22 j 09:25	4°♊26'28	1°19'27	
max. Earth dist.	-7298 Jul 22 j 02:37	4°♊24'30	11.16544 AU	
morning rise	-7298 Aug 08 j 02:37	6°♊21'52		
retrograde	-7298 Nov 14 j 03:10	13°♊05'49		
opposition	-7297 Jan 22 j 14:44	9°♊50'39	1°50'07	
min. Earth dist.	-7297 Jan 22 j 22:32	9°♊49'12	9.20222 AU	
direct	-7297 Apr 04 j 12:55	6°♊29'56		
evening set	-7297 Jul 16 j 19:15	13°♊30'05		

conjunction	-7297 Aug 02 j 12:40	15°♊24'57	1°41'19	
minimum elong	-7297 Aug 02 j 12:37	15°♊24'56	1°41'48	
max. Earth dist.	-7297 Aug 02 j 01:21	15°♊21'41	11.23064 AU	
morning rise	-7297 Aug 19 j 02:14	17°♊18'45		
retrograde	-7297 Nov 25 j 08:17	24°♊01'09		
opposition	-7296 Feb 03 j 05:05	20°♊46'22	2°14'56	
min. Earth dist.	-7296 Feb 03 j 15:51	20°♊44'24	9.25375 AU	
direct	-7296 Apr 15 j 06:28	17°♊26'39		
evening set	-7296 Jul 26 j 22:15	24°♊23'15		
conjunction	-7296 Aug 12 j 11:58	26°♊16'51	1°59'44	
minimum elong	-7296 Aug 12 j 11:56	26°♊16'50	2°00'14	
max. Earth dist.	-7296 Aug 11 j 21:51	26°♊12'47	11.26683 AU	
morning rise	-7296 Aug 28 j 22:29	28°♊09'36		
	-7296 Sep 14 j 19:12	0°♋		
retrograde	-7296 Dec 05 j 13:39	4°♋52'21		
opposition	-7295 Feb 13 j 18:51	1°♋37'35	2°34'46	
min. Earth dist.	-7295 Feb 14 j 07:46	1°♋35'14	9.27537 AU	
	-7295 Mar 09 j 04:01	30°℞♊		
direct	-7295 Apr 26 j 19:05	28°♊18'37		
	-7295 Jun 12 j 23:01	0°♋		
evening set	-7295 Aug 06 j 22:13	5°♋13'10		
conjunction	-7295 Aug 23 j 09:01	7°♋06'02	2°13'48	
minimum elong	-7295 Aug 23 j 08:59	7°♋06'01	2°14'17	
max. Earth dist.	-7295 Aug 22 j 16:38	7°♋01'19	11.27258 AU	
morning rise	-7295 Sep 08 j 17:12	8°♋58'16		
retrograde	-7295 Dec 16 j 22:39	15°♋43'16		
opposition	-7294 Feb 25 j 09:38	12°♋28'11	2°49'07	
min. Earth dist.	-7294 Feb 26 j 01:11	12°♋25'22	9.26593 AU	
direct	-7294 May 08 j 06:14	9°♋09'43		
evening set	-7294 Aug 17 j 21:03	16°♋03'43		
max. Earth dist.	-7294 Sep 02 j 10:04	17°♋50'47	11.24722 AU	
conjunction	-7294 Sep 03 j 05:34	17°♋56'25	2°23'05	
minimum elong	-7294 Sep 03 j 05:33	17°♋56'25	2°23'34	
morning rise	-7294 Sep 19 j 12:30	19°♋48'45		
retrograde	-7294 Dec 28 j 08:51	26°♋37'51		
opposition	-7293 Mar 09 j 02:44	23°♋22'05	2°57'31	
min. Earth dist.	-7293 Mar 09 j 21:04	23°♋18'46	9.22517 AU	
direct	-7293 May 19 j 15:43	20°♋03'53		
evening set	-7293 Aug 28 j 20:19	26°♋58'54		
max. Earth dist.	-7293 Sep 13 j 05:48	28°♋45'41	11.19109 AU	
conjunction	-7293 Sep 14 j 03:37	28°♋52'02	2°27'14	
minimum elong	-7293 Sep 14 j 03:37	28°♋52'02	2°27'42	
	-7293 Sep 23 j 21:27	0°♌		
morning rise	-7293 Sep 30 j 10:27	0°♌45'07		
retrograde	-7292 Jan 09 j 01:40	7°♌40'13		
opposition	-7292 Mar 19 j 23:25	4°♌23'26	2°59'34	
min. Earth dist.	-7292 Mar 20 j 18:58	4°♌19'52	9.15406 AU	
direct	-7292 May 30 j 04:28	1°♌05'14		
evening set	-7292 Sep 07 j 21:43	8°♌02'47		
max. Earth dist.	-7292 Sep 23 j 07:03	9°♌50'32	11.10590 AU	
conjunction	-7292 Sep 24 j 05:07	9°♌57'01	2°25'58	
minimum elong	-7292 Sep 24 j 05:08	9°♌57'02	2°26'24	
morning rise	-7292 Oct 10 j 12:50	11°♌51'27		
	-7292 Nov 08 j 15:28	15°♌		
retrograde	-7291 Jan 20 j 02:13	18°♌54'18		
opposition	-7291 Apr 01 j 00:56	15°♌36'11	2°54'55	
min. Earth dist.	-7291 Apr 01 j 20:20	15°♌32'37	9.05510 AU	
	-7291 Apr 09 j 06:58	15°℞♌		
direct	-7291 Jun 10 j 18:30	12°♌17'47		
	-7291 Aug 08 j 14:23	15°♌		
evening set	-7291 Sep 19 j 03:24	19°♌19'19		

Attention, astronomical year style is used: The year -7291 in astronomical counting style is the year 7292 BCE in historical counting style.

conjunction	-7291 Oct 05 j 11:57	21°♌15'16	2°19'03
minimum elong	-7291 Oct 05 j 11:59	21°♌15'16	2°19'25
max. Earth dist.	-7291 Oct 04 j 14:04	21°♌08'45	10.99485 AU
morning rise	-7291 Oct 21 j 21:40	23°♌11'41	
	-7290 Jan 10 j 06:56	0°♍	
retrograde	-7290 Feb 01 j 10:27	0°♍23'51	
	-7290 Feb 23 j 19:04	30°℞♌	
opposition	-7290 Apr 13 j 08:28	27°♌04'06	2°43'19
min. Earth dist.	-7290 Apr 14 j 03:17	27°♌00'37	8.93213 AU
direct	-7290 Jun 22 j 12:18	23°♌45'14	
	-7290 Sep 23 j 04:01	0°♍	
evening set	-7290 Sep 30 j 15:07	0°♍52'12	
max. Earth dist.	-7290 Oct 16 j 03:53	2°♍43'49	10.86231 AU
conjunction	-7290 Oct 17 j 01:47	2°♍50'25	2°06'23
minimum elong	-7290 Oct 17 j 01:50	2°♍50'26	2°06'39
morning rise	-7290 Nov 02 j 14:49	4°♍49'27	
retrograde	-7289 Feb 14 j 04:25	12°♍12'20	
opposition	-7289 Apr 25 j 23:19	8°♍50'46	2°24'37
min. Earth dist.	-7289 Apr 26 j 17:25	8°♍47'22	8.79002 AU
direct	-7289 Jul 04 j 11:37	5°♍31'11	
evening set	-7289 Oct 12 j 10:34	12°♍44'54	
max. Earth dist.	-7289 Oct 28 j 04:15	14°♍39'46	10.71343 AU
conjunction	-7289 Oct 29 j 00:30	14°♍45'58	1°48'00
minimum elong	-7289 Oct 29 j 00:33	14°♍45'59	1°48'10
morning rise	-7289 Nov 14 j 17:53	16°♍48'09	
retrograde	-7288 Feb 27 j 06:52	24°♍22'58	
opposition	-7288 May 07 j 22:00	20°♍59'24	1°58'54
min. Earth dist.	-7288 May 08 j 14:14	20°♍56'19	8.63445 AU
direct	-7288 Jul 15 j 18:02	17°♍38'54	
evening set	-7288 Oct 23 j 15:52	25°♍00'42	
conjunction	-7288 Nov 09 j 10:06	27°♍05'05	1°24'11
minimum elong	-7288 Nov 09 j 10:09	27°♍05'06	1°24'15
max. Earth dist.	-7288 Nov 08 j 17:13	26°♍59'49	10.55416 AU
morning rise	-7288 Nov 26 j 08:28	29°♍10'49	
	-7288 Dec 03 j 03:19	0°♎	
retrograde	-7287 Mar 11 j 21:15	6°♎58'26	
opposition	-7287 May 21 j 04:58	3°♎32'50	1°26'39
min. Earth dist.	-7287 May 21 j 17:56	3°♎30'19	8.47206 AU
direct	-7287 Jul 28 j 09:48	0°♎11'17	
evening set	-7287 Nov 05 j 08:46	7°♎42'20	
conjunction	-7287 Nov 22 j 07:54	9°♎50'21	0°55'32
minimum elong	-7287 Nov 22 j 07:57	9°♎50'21	0°55'30
max. Earth dist.	-7287 Nov 21 j 19:15	9°♎46'20	10.39156 AU
morning rise	-7287 Dec 09 j 11:44	11°♎59'57	
retrograde	-7286 Mar 25 j 23:53	20°♎00'45	
opposition	-7286 Jun 03 j 20:54	16°♎33'10	0°48'45
min. Earth dist.	-7286 Jun 04 j 05:29	16°♎31'29	8.31048 AU
direct	-7286 Aug 10 j 08:47	13°♎10'27	
evening set	-7286 Nov 18 j 14:42	20°♎51'39	
conjunction	-7286 Dec 05 j 19:00	23°♎03'27	0°23'06
minimum elong	-7286 Dec 05 j 19:01	23°♎03'27	0°22'57
max. Earth dist.	-7286 Dec 05 j 10:39	23°♎00'46	10.23366 AU
morning rise	-7286 Dec 23 j 04:35	25°♎17'01	
	-7285 Feb 02 j 09:32	0°♏	
retrograde	-7285 Apr 09 j 13:22	3°♏30'44	
opposition	-7285 Jun 17 j 21:37	0°♏01'21	0°06'44
min. Earth dist.	-7285 Jun 18 j 01:49	0°♏00'31	8.15811 AU
	-7285 Jun 18 j 04:23	30°℞♎	
desc. node	-7285 Aug 15 j 07:09	26°♎41'21	
direct	-7285 Aug 23 j 16:57	26°♎37'22	
	-7285 Oct 24 j 22:02	0°♏	
evening set	-7285 Dec 02 j 10:58	4°♏29'20	
conjunction	-7285 Dec 19 j 20:26	6°♏44'48	-0°11'42
minimum elong	-7285 Dec 19 j 20:26	6°♏44'48	0°11'56
behind sun begin	-7285 Dec 19 j 15:27	6°♏43'11	
behind sun end	-7285 Dec 20 j 01:24	6°♏46'24	
max. Earth dist.	-7285 Dec 19 j 16:50	6°♏43'38	10.08901 AU
morning rise	-7284 Jan 06 j 11:34	9°♏02'09	
	-7284 Feb 29 j 06:08	15°♏	
retrograde	-7284 Apr 23 j 11:10	17°♏27'37	
	-7284 Jun 18 j 01:42	15°℞♏	
opposition	-7284 Jul 01 j 06:13	13°♏56'43	-0°37'11
min. Earth dist.	-7284 Jul 01 j 06:11	13°♏56'44	8.02372 AU
direct	-7284 Sep 05 j 12:59	10°♏31'24	
	-7284 Nov 16 j 14:32	15°♏	
evening set	-7284 Dec 15 j 21:34	18°♏34'09	
conjunction	-7283 Jan 02 j 11:53	20°♏52'57	-0°46'41
minimum elong	-7283 Jan 02 j 11:51	20°♏52'56	0°47'01
max. Earth dist.	-7283 Jan 02 j 13:37	20°♏53'31	9.96630 AU
morning rise	-7283 Jan 20 j 07:51	23°♏13'34	
	-7283 Mar 23 j 22:13	0°♐	
retrograde	-7283 May 08 j 15:40	1°♐48'41	
	-7283 Jun 24 j 00:45	30°℞♏	
opposition	-7283 Jul 15 j 21:37	28°♏16'41	-1°20'11
min. Earth dist.	-7283 Jul 15 j 17:22	28°♏17'33	7.91578 AU
direct	-7283 Sep 19 j 18:50	24°♏50'04	
	-7283 Dec 06 j 11:47	0°♐	
evening set	-7283 Dec 30 j 21:22	3°♐02'45	
conjunction	-7282 Jan 17 j 15:55	5°♐24'14	-1°19'35
minimum elong	-7282 Jan 17 j 15:51	5°♐24'13	1°20'00
max. Earth dist.	-7282 Jan 17 j 23:40	5°♐26'49	9.87371 AU
morning rise	-7282 Feb 04 j 15:37	7°♐47'22	
retrograde	-7282 May 24 j 00:45	16°♐29'02	
opposition	-7282 Jul 30 j 17:48	12°♐56'22	-1°59'00
min. Earth dist.	-7282 Jul 30 j 09:19	12°♐58'08	7.84176 AU
direct	-7282 Oct 04 j 09:14	9°♐28'33	
evening set	-7281 Jan 15 j 08:27	17°♐49'29	
conjunction	-7281 Feb 02 j 06:27	20°♐12'48	-1°47'50
minimum elong	-7281 Feb 02 j 06:23	20°♐12'46	1°48'18
max. Earth dist.	-7281 Feb 02 j 20:12	20°♐17'25	9.81803 AU
morning rise	-7281 Feb 20 j 08:39	22°♐37'27	
	-7281 Apr 30 j 16:24	0°♑	
retrograde	-7281 Jun 08 j 10:53	1°♑21'35	
	-7281 Jul 17 j 12:50	30°℞♐	
opposition	-7281 Aug 14 j 16:07	27°♐48'48	-2°30'24
min. Earth dist.	-7281 Aug 14 j 03:34	27°♐51'26	7.80713 AU
direct	-7281 Oct 19 j 06:15	24°♐19'57	
	-7280 Jan 09 j 04:39	0°♑	
evening set	-7280 Jan 31 j 03:10	2°♑46'32	
conjunction	-7280 Feb 18 j 03:40	5°♑10'41	-2°09'07
minimum elong	-7280 Feb 18 j 03:36	5°♑10'40	2°09'36
max. Earth dist.	-7280 Feb 18 j 22:38	5°♑17'03	9.80364 AU
morning rise	-7280 Mar 07 j 07:06	7°♑35'45	
retrograde	-7280 Jun 22 j 18:32	16°♑17'51	
opposition	-7280 Aug 28 j 13:57	12°♑45'29	-2°51'43
min. Earth dist.	-7280 Aug 27 j 22:00	12°♑48'51	7.81460 AU
direct	-7280 Nov 02 j 07:47	9°♑15'53	
evening set	-7279 Feb 15 j 00:47	17°♑44'44	
conjunction	-7279 Mar 05 j 02:47	20°♑08'42	-2°21'43
minimum elong	-7279 Mar 05 j 02:45	20°♑08'41	2°22'12
max. Earth dist.	-7279 Mar 06 j 01:47	20°♑16'23	9.83191 AU
morning rise	-7279 Mar 23 j 06:17	22°♑33'05	
	-7279 Jun 02 j 14:59	0°♒	
retrograde	-7279 Jul 07 j 20:07	1°♒08'41	

Attention, astronomical year style is used: The year -7279 in astronomical counting style is the year 7280 BCE in historical counting style.

	-7279 Aug 12 j 05:21	30°℞♑	
opposition	-7279 Sep 12 j 08:28	27°♑37'17	-3°01'20
min. Earth dist.	-7279 Sep 11 j 14:10	27°♑41'08	7.86378 AU
direct	-7279 Nov 17 j 10:50	24°♑07'15	
	-7278 Feb 10 j 06:19	0°♒	
evening set	-7278 Mar 02 j 20:34	2°♒34'43	
conjunction	-7278 Mar 20 j 23:13	4°♒57'32	-2°24'50
minimum elong	-7278 Mar 20 j 23:14	4°♒57'32	2°25'16
max. Earth dist.	-7278 Mar 22 j 00:37	5°♒05'56	9.90100 AU
morning rise	-7278 Apr 08 j 01:54	7°♒20'17	
	-7278 Jun 23 j 23:55	15°♒	
retrograde	-7278 Jul 22 j 11:57	15°♒45'32	
	-7278 Aug 20 j 02:03	15°℞♒	
opposition	-7278 Sep 26 j 21:02	12°♒15'32	-2°58'53
min. Earth dist.	-7278 Sep 26 j 01:51	12°♒19'33	7.95119 AU
direct	-7278 Dec 02 j 11:40	8°♒45'25	
	-7277 Mar 01 j 06:29	15°♒	
evening set	-7277 Mar 18 j 10:02	17°♒08'02	
conjunction	-7277 Apr 05 j 12:30	19°♒28'54	-2°18'38
minimum elong	-7277 Apr 05 j 12:33	19°♒28'55	2°18'59
max. Earth dist.	-7277 Apr 06 j 14:20	19°♒37'20	10.00583 AU
morning rise	-7277 Apr 23 j 13:37	21°♒49'15	
	-7277 Jul 31 j 20:12	0°♓	
retrograde	-7277 Aug 05 j 16:45	0°♓01'21	
	-7277 Aug 10 j 13:31	30°℞♒	
min. Earth dist.	-7277 Oct 10 j 07:31	26°♒36'57	8.07053 AU
opposition	-7277 Oct 11 j 01:59	26°♒33'07	-2°45'16
direct	-7277 Dec 17 j 07:47	23°♒03'16	
	-7276 Mar 22 j 01:25	0°♓	
evening set	-7276 Apr 01 j 13:34	1°♓18'07	
conjunction	-7276 Apr 19 j 14:56	3°♓36'24	-2°04'09
minimum elong	-7276 Apr 19 j 15:00	3°♓36'26	2°04'24
max. Earth dist.	-7276 Apr 20 j 15:05	3°♓44'10	10.13890 AU
morning rise	-7276 May 07 j 13:45	5°♓53'47	
retrograde	-7276 Aug 18 j 09:29	13°♓51'14	
opposition	-7276 Oct 23 j 21:54	10°♓24'59	-2°22'20
min. Earth dist.	-7276 Oct 23 j 05:08	10°♓28'24	8.21372 AU
direct	-7276 Dec 30 j 20:42	6°♓55'44	
evening set	-7275 Apr 16 j 04:42	15°♓00'45	
conjunction	-7275 May 04 j 04:10	17°♓16'03	-1°42'59
minimum elong	-7275 May 04 j 04:14	17°♓16'04	1°43'08
max. Earth dist.	-7275 May 05 j 01:00	17°♓22'37	10.29136 AU
morning rise	-7275 May 22 j 00:07	19°♓30'08	
retrograde	-7275 Aug 31 j 13:40	27°♓12'37	
opposition	-7275 Nov 06 j 08:10	23°♓48'23	-1°52'22
min. Earth dist.	-7275 Nov 05 j 17:39	23°♓51'18	8.37159 AU
direct	-7274 Jan 14 j 01:40	20°♓20'01	
evening set	-7274 Apr 30 j 06:18	28°♓14'08	
	-7274 May 14 j 14:42	0°♈	
conjunction	-7274 May 18 j 03:09	0°♈26'12	-1°16'58
minimum elong	-7274 May 18 j 03:13	0°♈26'13	1°17'00
max. Earth dist.	-7274 May 18 j 19:44	0°♈31'20	10.45354 AU
morning rise	-7274 Jun 04 j 19:41	2°♈36'50	
retrograde	-7274 Sep 13 j 05:14	10°♈05'08	
opposition	-7274 Nov 19 j 08:58	6°♈42'53	-1°17'48
min. Earth dist.	-7274 Nov 18 j 21:05	6°♈45'14	8.53440 AU
direct	-7273 Jan 27 j 21:15	3°♈15'36	
evening set	-7273 May 13 j 18:28	10°♈58'40	
conjunction	-7273 May 31 j 11:59	13°♈07'26	-0°47'57
minimum elong	-7273 May 31 j 12:01	13°♈07'26	0°47'53
max. Earth dist.	-7273 Jun 01 j 00:06	13°♈11'07	10.61571 AU
morning rise	-7273 Jun 18 j 00:28	15°♈14'39	
retrograde	-7273 Sep 25 j 12:39	22°♈30'19	
opposition	-7273 Dec 02 j 01:04	19°♈09'55	-0°40'48
min. Earth dist.	-7273 Dec 01 j 16:31	19°♈11'35	8.69309 AU
direct	-7272 Feb 10 j 05:18	15°♈43'55	
evening set	-7272 May 25 j 17:55	23°♈16'29	
conjunction	-7272 Jun 12 j 07:30	25°♈22'05	-0°17'36
minimum elong	-7272 Jun 12 j 07:31	25°♈22'05	0°17'27
max. Earth dist.	-7272 Jun 12 j 15:21	25°♈24'25	10.76972 AU
morning rise	-7272 Jun 29 j 15:35	27°♈26'04	
	-7272 Jul 22 j 12:43	0°♉	
retrograde	-7272 Oct 06 j 11:54	4°♉31'02	
opposition	-7272 Dec 13 j 09:42	1°♉12'20	-0°03'17
min. Earth dist.	-7272 Dec 13 j 05:22	1°♉13'10	8.84078 AU
	-7272 Dec 29 j 11:25	30°℞♈	
asc. node	-7271 Jan 15 j 10:14	28°♈54'19	
direct	-7271 Feb 22 j 02:38	27°♈47'37	
	-7271 Apr 16 j 16:06	0°♉	
evening set	-7271 Jun 07 j 05:45	5°♉10'40	
conjunction	-7271 Jun 24 j 14:53	7°♉13'17	0°12'45
minimum elong	-7271 Jun 24 j 14:53	7°♉13'17	0°12'59
behind sun begin	-7271 Jun 24 j 10:35	7°♉12'02	
behind sun end	-7271 Jun 24 j 19:11	7°♉14'33	
max. Earth dist.	-7271 Jun 24 j 17:38	7°♉14'05	10.90966 AU
morning rise	-7271 Jul 11 j 18:32	9°♉14'21	
	-7271 Sep 10 j 19:40	15°♉	
retrograde	-7271 Oct 18 j 02:37	16°♉10'40	
	-7271 Nov 25 j 04:55	15°℞♉	
opposition	-7271 Dec 25 j 11:56	12°♉53'23	0°33'12
min. Earth dist.	-7271 Dec 25 j 12:00	12°♉53'22	8.97220 AU
direct	-7270 Mar 06 j 17:24	9°♉29'54	
	-7270 Jun 03 j 15:39	15°♉	
evening set	-7270 Jun 19 j 07:41	16°♉44'40	
conjunction	-7270 Jul 06 j 12:03	18°♉44'34	0°41'45
minimum elong	-7270 Jul 06 j 12:01	18°♉44'34	0°42'04
max. Earth dist.	-7270 Jul 06 j 09:16	18°♉43'46	11.03079 AU
morning rise	-7270 Jul 23 j 11:20	20°♉43'01	
retrograde	-7270 Oct 29 j 12:33	27°♉32'47	
opposition	-7269 Jan 06 j 08:55	24°♉16'35	1°07'21
min. Earth dist.	-7269 Jan 06 j 12:32	24°♉15'54	9.08289 AU
direct	-7269 Mar 18 j 24:00	20°♉54'16	
evening set	-7269 Jul 01 j 00:55	28°♉02'03	
conjunction	-7269 Jul 18 j 00:40	29°♉59'36	1°08'31
minimum elong	-7269 Jul 18 j 00:37	29°♉59'36	1°08'56
max. Earth dist.	-7269 Jul 17 j 17:43	29°♉57'35	11.12919 AU
	-7269 Jul 18 j 02:02	0°♊	
morning rise	-7269 Aug 03 j 19:41	1°♊55'50	
retrograde	-7269 Nov 09 j 19:09	8°♊41'10	
opposition	-7268 Jan 18 j 02:16	5°♊25'40	1°38'13
min. Earth dist.	-7268 Jan 18 j 08:44	5°♊24'28	9.16925 AU
direct	-7268 Mar 30 j 00:08	2°♊04'25	
evening set	-7268 Jul 11 j 10:55	9°♊06'35	
conjunction	-7268 Jul 28 j 06:22	11°♊02'13	1°32'18
minimum elong	-7268 Jul 28 j 06:19	11°♊02'12	1°32'45
max. Earth dist.	-7268 Jul 27 j 20:27	10°♊59'21	11.20170 AU
morning rise	-7268 Aug 13 j 21:23	12°♊56'41	
retrograde	-7268 Nov 20 j 01:31	19°♊39'37	
opposition	-7267 Jan 28 j 17:12	16°♊24'30	2°05'00
min. Earth dist.	-7267 Jan 29 j 03:00	16°♊22'42	9.22856 AU
direct	-7267 Apr 10 j 18:10	13°♊04'08	
evening set	-7267 Jul 22 j 15:45	20°♊02'11	

Attention, astronomical year style is used: The year -7267 in astronomical counting style is the year 7268 BCE in historical counting style.

conjunction	-7267 Aug 08 j 07:09	21°♊56'21	1°52'26
minimum elong	-7267 Aug 08 j 07:06	21°♊56'21	1°52'55
max. Earth dist.	-7267 Aug 07 j 17:38	21°♊52'28	11.24617 AU
morning rise	-7267 Aug 24 j 18:52	23°♊49'34	
	-7267 Nov 05 j 16:16	0°♋	
retrograde	-7267 Dec 01 j 04:59	0°♋32'02	
	-7267 Dec 27 j 03:51	30°℞♊	
opposition	-7266 Feb 09 j 06:56	27°♊16'59	2°27'03
min. Earth dist.	-7266 Feb 09 j 20:27	27°♊14'31	9.25911 AU
direct	-7266 Apr 22 j 07:25	23°♊57'17	
	-7266 Jul 25 j 18:57	0°♋	
evening set	-7266 Aug 02 j 16:53	0°♋52'46	
max. Earth dist.	-7266 Aug 18 j 11:33	2°♋41'01	11.26146 AU
conjunction	-7266 Aug 19 j 04:47	2°♋45'59	2°08'25
minimum elong	-7266 Aug 19 j 04:44	2°♋45'58	2°08'54
morning rise	-7266 Sep 04 j 14:02	4°♋38'29	
retrograde	-7266 Dec 12 j 11:35	11°♋22'28	
opposition	-7265 Feb 20 j 21:07	8°♋07'07	2°43'49
min. Earth dist.	-7265 Feb 21 j 12:53	8°♋04'15	9.26003 AU
direct	-7265 May 03 j 20:33	4°♋47'56	
evening set	-7265 Aug 13 j 15:44	11°♋42'18	
max. Earth dist.	-7265 Aug 29 j 06:18	13°♋29'40	11.24719 AU
conjunction	-7265 Aug 30 j 01:09	13°♋35'07	2°19'48
minimum elong	-7265 Aug 30 j 01:08	13°♋35'06	2°20'16
morning rise	-7265 Sep 15 j 08:39	15°♋27'28	
retrograde	-7265 Dec 23 j 20:49	22°♋14'52	
opposition	-7264 Mar 03 j 12:57	18°♋58'54	2°54'49
min. Earth dist.	-7264 Mar 04 j 05:48	18°♋55'50	9.23129 AU
direct	-7264 May 14 j 06:39	15°♋40'04	
evening set	-7264 Aug 23 j 14:26	22°♋34'47	
conjunction	-7264 Sep 08 j 22:21	24°♋27'48	2°26'11
minimum elong	-7264 Sep 08 j 22:21	24°♋27'48	2°26'39
max. Earth dist.	-7264 Sep 08 j 02:33	24°♋22'02	11.20376 AU
morning rise	-7264 Sep 25 j 05:03	26°♋20'35	
	-7264 Oct 30 j 05:31	0°♌	
retrograde	-7263 Jan 03 j 12:02	3°♌13'11	
	-7263 Mar 14 j 11:36	30°℞♋	
opposition	-7263 Mar 15 j 07:39	29°♋56'20	2°59'38
min. Earth dist.	-7263 Mar 16 j 01:40	29°♋53'03	9.17371 AU
direct	-7263 May 25 j 17:30	26°♋37'39	
	-7263 Jul 31 j 18:12	0°♌	
evening set	-7263 Sep 03 j 14:39	3°♌34'14	
conjunction	-7263 Sep 19 j 21:57	5°♌28'03	2°27'17
minimum elong	-7263 Sep 19 j 21:58	5°♌28'03	2°27'43
max. Earth dist.	-7263 Sep 19 j 00:22	5°♌21'43	11.13249 AU
morning rise	-7263 Oct 06 j 05:09	7°♌21'55	
retrograde	-7262 Jan 15 j 08:18	14°♌21'23	
opposition	-7262 Mar 27 j 06:51	11°♌03'26	2°57'54
min. Earth dist.	-7262 Mar 28 j 02:06	10°♌59'54	9.08899 AU
direct	-7262 Jun 06 j 04:57	7°♌44'44	
evening set	-7262 Sep 14 j 18:06	14°♌44'36	
	-7262 Sep 16 j 23:08	15°♌	
max. Earth dist.	-7262 Sep 30 j 03:44	16°♌33'15	11.03556 AU
conjunction	-7262 Oct 01 j 01:54	16°♌39'48	2°22'48
minimum elong	-7262 Oct 01 j 01:55	16°♌39'49	2°23'11
morning rise	-7262 Oct 17 j 10:45	18°♌35'23	
retrograde	-7261 Jan 27 j 11:22	25°♌43'27	
opposition	-7261 Apr 08 j 11:39	22°♌24'06	2°49'16
min. Earth dist.	-7261 Apr 09 j 06:50	22°♌20'34	8.97984 AU
direct	-7261 Jun 17 j 21:48	19°♌05'09	
evening set	-7261 Sep 26 j 02:43	26°♌09'47	

conjunction	-7261 Oct 12 j 12:21	28°♌06'59	2°12'35
minimum elong	-7261 Oct 12 j 12:24	28°♌07'00	2°12'54
max. Earth dist.	-7261 Oct 11 j 15:36	28°♌00'46	10.91606 AU
morning rise	-7261 Oct 28 j 23:52	0°♍04'51	
	-7261 Oct 28 j 07:20	0°♍	
retrograde	-7260 Feb 09 j 01:41	7°♍23'01	
opposition	-7260 Apr 19 j 22:59	4°♍02'05	2°33'34
min. Earth dist.	-7260 Apr 20 j 16:30	3°♍58'49	8.84997 AU
direct	-7260 Jun 28 j 19:19	0°♍42'43	
evening set	-7260 Oct 06 j 18:27	7°♍53'26	
conjunction	-7260 Oct 23 j 07:01	9°♍53'14	1°56'36
minimum elong	-7260 Oct 23 j 07:04	9°♍53'15	1°56'49
max. Earth dist.	-7260 Oct 22 j 12:03	9°♍47'28	10.77818 AU
morning rise	-7260 Nov 08 j 22:16	11°♍53'59	
retrograde	-7259 Feb 21 j 01:31	19°♍23'31	
opposition	-7259 May 02 j 18:00	16°♍00'51	2°10'47
min. Earth dist.	-7259 May 03 j 09:19	15°♍57'57	8.70414 AU
direct	-7259 Jul 10 j 21:04	12°♍40'53	
evening set	-7259 Oct 18 j 19:20	19°♍59'02	
conjunction	-7259 Nov 04 j 11:34	22°♍01'54	1°35'01
minimum elong	-7259 Nov 04 j 11:37	22°♍01'55	1°35'08
max. Earth dist.	-7259 Nov 03 j 18:22	21°♍56'35	10.62725 AU
morning rise	-7259 Nov 21 j 07:33	24°♍06'01	
	-7258 Jan 18 j 05:21	0°♎	
retrograde	-7258 Mar 06 j 11:25	1°♎47'55	
	-7258 Apr 24 j 00:19	30°℞♍	
opposition	-7258 May 15 j 21:28	28°♍23'27	1°41'12
min. Earth dist.	-7258 May 16 j 10:26	28°♍20'58	8.54844 AU
direct	-7258 Jul 23 j 07:59	25°♍02'41	
	-7258 Oct 10 j 03:56	0°♎	
evening set	-7258 Oct 31 j 07:07	2°♎29'30	
conjunction	-7258 Nov 17 j 03:50	4°♎35'49	1°08'19
minimum elong	-7258 Nov 17 j 03:53	4°♎35'50	1°08'19
max. Earth dist.	-7258 Nov 16 j 13:22	4°♎31'16	10.46985 AU
morning rise	-7258 Dec 04 j 05:17	6°♎43'40	
retrograde	-7257 Mar 20 j 08:45	14°♎38'31	
opposition	-7257 May 29 j 09:47	11°♎12'14	1°05'32
min. Earth dist.	-7257 May 29 j 19:54	11°♎10'15	8.39008 AU
direct	-7257 Aug 05 j 03:26	7°♎50'28	
evening set	-7257 Nov 13 j 07:20	15°♎26'57	
conjunction	-7257 Nov 30 j 09:12	17°♎36'57	0°37'19
minimum elong	-7257 Nov 30 j 09:14	17°♎36'58	0°37'13
max. Earth dist.	-7257 Nov 29 j 23:10	17°♎33'45	10.31336 AU
morning rise	-7257 Dec 17 j 16:21	19°♎48'42	
retrograde	-7256 Apr 02 j 16:32	27°♎56'29	
opposition	-7256 Jun 11 j 06:48	24°♎28'26	0°25'02
min. Earth dist.	-7256 Jun 11 j 13:07	24°♎27'10	8.23684 AU
direct	-7256 Aug 17 j 08:54	21°♎05'33	
evening set	-7256 Nov 25 j 21:21	28°♎52'22	
	-7256 Dec 04 j 16:32	0°♏	
conjunction	-7256 Dec 13 j 04:32	1°♏06'05	0°03'24
minimum elong	-7256 Dec 13 j 04:31	1°♏06'05	0°03'11
behind sun begin	-7256 Dec 12 j 21:22	1°♏03'47	
behind sun end	-7256 Dec 13 j 11:40	1°♏08'22	
max. Earth dist.	-7256 Dec 12 j 23:49	1°♏04'36	10.16563 AU
morning rise	-7256 Dec 30 j 17:09	3°♏21'37	
desc. node	-7255 Jan 18 j 13:35	5°♏40'42	
retrograde	-7255 Apr 17 j 09:51	11°♏41'33	
opposition	-7255 Jun 25 j 11:54	8°♏11'54	-0°18'21
min. Earth dist.	-7255 Jun 25 j 13:37	8°♏11'33	8.09676 AU
direct	-7255 Aug 31 j 00:49	4°♏47'47	
evening set	-7255 Dec 10 j 01:34	12°♏45'11	

Attention, astronomical year style is used: The year -7255 in astronomical counting style is the year 7256 BCE in historical counting style.

conjunction	-7255 Dec 27 j 13:47	15°♏02'22	-0°31'50
minimum elong	-7255 Dec 27 j 13:46	15°♏02'21	0°32'08
	-7255 Dec 27 j 06:36	15°♏	
max. Earth dist.	-7255 Dec 27 j 14:32	15°♏02'36	10.03466 AU
morning rise	-7254 Jan 14 j 07:26	17°♏21'21	
retrograde	-7254 May 02 j 11:43	25°♏51'50	
opposition	-7254 Jul 10 j 00:19	22°♏20'52	-1°02'03
min. Earth dist.	-7254 Jul 09 j 21:26	22°♏21'27	7.97752 AU
direct	-7254 Sep 14 j 01:31	18°♏55'26	
evening set	-7254 Dec 24 j 19:31	27°♏03'07	
conjunction	-7253 Jan 11 j 12:17	29°♏23'16	-1°05'54
minimum elong	-7253 Jan 11 j 12:14	29°♏23'15	1°06'17
max. Earth dist.	-7253 Jan 11 j 18:14	29°♏25'15	9.92784 AU
	-7253 Jan 16 j 02:51	0°♐	
morning rise	-7253 Jan 29 j 10:10	1°♐45'09	
retrograde	-7253 May 17 j 20:15	10°♐23'41	
opposition	-7253 Jul 24 j 18:24	6°♐51'50	-1°43'01
min. Earth dist.	-7253 Jul 24 j 11:19	6°♐53'18	7.88626 AU
direct	-7253 Sep 28 j 10:59	3°♐25'07	
evening set	-7252 Jan 09 j 02:01	11°♐42'04	
conjunction	-7252 Jan 26 j 22:31	14°♐04'29	-1°36'26
minimum elong	-7252 Jan 26 j 22:26	14°♐04'28	1°36'52
max. Earth dist.	-7252 Jan 27 j 09:20	14°♐08'06	9.85253 AU
morning rise	-7252 Feb 13 j 23:31	16°♐28'23	
retrograde	-7252 Jun 01 j 07:15	25°♐11'27	
opposition	-7252 Aug 07 j 15:56	21°♐39'12	-2°17'57
min. Earth dist.	-7252 Aug 07 j 05:17	21°♐41'26	7.83023 AU
direct	-7252 Oct 12 j 04:52	18°♐11'18	
evening set	-7251 Jan 23 j 17:54	26°♐35'23	
conjunction	-7251 Feb 10 j 17:11	28°♐59'08	-2°00'57
minimum elong	-7251 Feb 10 j 17:08	28°♐59'07	2°01'25
max. Earth dist.	-7251 Feb 11 j 08:40	29°♐04'19	9.81557 AU
	-7251 Feb 18 j 06:51	0°♑	
morning rise	-7251 Feb 28 j 20:05	1°♑24'01	
retrograde	-7251 Jun 16 j 16:57	10°♑07'18	
opposition	-7251 Aug 22 j 14:30	6°♑35'07	-2°43'53
min. Earth dist.	-7251 Aug 22 j 00:56	6°♑37'58	7.81474 AU
direct	-7251 Oct 27 j 05:08	3°♑06'10	
evening set	-7250 Feb 08 j 14:45	11°♑34'16	
conjunction	-7250 Feb 26 j 15:59	13°♑58'20	-2°17'27
minimum elong	-7250 Feb 26 j 15:57	13°♑58'19	2°17'55
max. Earth dist.	-7250 Feb 27 j 11:30	14°♑04'52	9.82075 AU
morning rise	-7250 Mar 16 j 19:37	16°♑23'05	
retrograde	-7250 Jul 01 j 21:20	25°♑01'58	
opposition	-7250 Sep 06 j 10:59	21°♑30'22	-2°58'41
min. Earth dist.	-7250 Sep 05 j 19:11	21°♑33'41	7.84146 AU
direct	-7250 Nov 11 j 09:01	18°♑00'38	
evening set	-7249 Feb 24 j 12:07	26°♑29'09	
conjunction	-7249 Mar 14 j 14:26	28°♑52'32	-2°24'42
minimum elong	-7249 Mar 14 j 14:25	28°♑52'32	2°25'08
max. Earth dist.	-7249 Mar 15 j 12:38	28°♑59'54	9.86797 AU
	-7249 Mar 23 j 01:49	0°♒	
morning rise	-7249 Apr 01 j 17:44	1°♒16'06	
retrograde	-7249 Jul 16 j 16:20	9°♒46'18	
min. Earth dist.	-7249 Sep 20 j 09:20	6°♒19'21	7.90838 AU
opposition	-7249 Sep 21 j 02:31	6°♒15'44	-3°01'26
direct	-7249 Nov 26 j 11:58	2°♒45'34	
evening set	-7248 Mar 11 j 04:56	11°♒10'48	
conjunction	-7248 Mar 29 j 07:30	13°♒32'38	-2°22'27
minimum elong	-7248 Mar 29 j 07:32	13°♒32'39	2°22'50
max. Earth dist.	-7248 Mar 30 j 06:55	13°♒40'20	9.95359 AU
	-7248 Apr 09 j 10:11	15°♒	
morning rise	-7248 Apr 16 j 09:33	15°♒54'10	
retrograde	-7248 Jul 30 j 01:22	24°♒12'24	
opposition	-7248 Oct 04 j 11:05	20°♒43'15	-2°52'30
min. Earth dist.	-7248 Oct 03 j 17:10	20°♒46'58	8.01040 AU
direct	-7248 Dec 10 j 10:52	17°♒13'01	
evening set	-7247 Mar 26 j 12:55	25°♒31'42	
conjunction	-7247 Apr 13 j 14:56	27°♒51'16	-2°11'23
minimum elong	-7247 Apr 13 j 14:59	27°♒51'17	2°11'41
max. Earth dist.	-7247 Apr 14 j 14:21	27°♒58'51	10.07121 AU
	-7247 Apr 30 j 07:07	0°♓	
morning rise	-7247 May 01 j 14:58	0°♓10'06	
retrograde	-7247 Aug 12 j 23:28	8°♓14'19	
opposition	-7247 Oct 18 j 10:59	4°♓46'50	-2°33'21
min. Earth dist.	-7247 Oct 17 j 17:22	4°♓50'28	8.14025 AU
direct	-7247 Dec 25 j 03:05	1°♓16'57	
evening set	-7246 Apr 10 j 09:33	9°♓26'40	
conjunction	-7246 Apr 28 j 10:12	11°♓43'27	-1°52'53
minimum elong	-7246 Apr 28 j 10:16	11°♓43'28	1°53'05
max. Earth dist.	-7246 Apr 29 j 08:17	11°♓50'29	10.21259 AU
morning rise	-7246 May 16 j 07:33	13°♓59'08	
retrograde	-7246 Aug 26 j 09:45	21°♓48'29	
min. Earth dist.	-7246 Oct 31 j 09:33	18°♓26'05	8.28934 AU
opposition	-7246 Nov 01 j 01:19	18°♓22'53	-2°06'07
direct	-7245 Jan 08 j 11:00	14°♓53'39	
evening set	-7245 Apr 24 j 17:13	22°♓52'56	
conjunction	-7245 May 12 j 15:34	25°♓06'36	-1°28'43
minimum elong	-7245 May 12 j 15:38	25°♓06'37	1°28'49
max. Earth dist.	-7245 May 13 j 10:39	25°♓12'34	10.36870 AU
morning rise	-7245 May 30 j 09:38	27°♓18'55	
	-7245 Jun 22 j 08:05	0°♈	
retrograde	-7245 Sep 08 j 07:03	4°♈53'41	
opposition	-7245 Nov 14 j 06:20	1°♈30'04	-1°33'13
min. Earth dist.	-7245 Nov 13 j 17:30	1°♈32'38	8.44884 AU
	-7245 Dec 03 j 16:53	30°℞♓	
direct	-7244 Jan 22 j 10:18	28°♓01'46	
	-7244 Mar 11 j 14:13	0°♈	
evening set	-7244 May 07 j 11:11	5°♈50'02	
conjunction	-7244 May 25 j 06:21	8°♈00'24	-1°00'46
minimum elong	-7244 May 25 j 06:24	8°♈00'25	1°00'45
max. Earth dist.	-7244 May 25 j 21:11	8°♈04'57	10.53065 AU
morning rise	-7244 Jun 11 j 20:40	10°♈09'16	
retrograde	-7244 Sep 19 j 17:53	17°♈30'38	
opposition	-7244 Nov 26 j 02:15	14°♈08'56	-0°56'59
min. Earth dist.	-7244 Nov 25 j 16:46	14°♈10'47	8.61031 AU
direct	-7243 Feb 03 j 23:03	10°♈41'48	
evening set	-7243 May 20 j 15:58	18°♈19'11	
conjunction	-7243 Jun 07 j 07:19	20°♈26'17	-0°30'47
minimum elong	-7243 Jun 07 j 07:20	20°♈26'17	0°30'40
max. Earth dist.	-7243 Jun 07 j 16:59	20°♈29'12	10.69037 AU
morning rise	-7243 Jun 24 j 17:34	22°♈31'48	
retrograde	-7243 Oct 01 j 18:50	29°♈41'25	
opposition	-7243 Dec 08 j 13:42	26°♈21'29	-0°19'27
min. Earth dist.	-7243 Dec 08 j 07:13	26°♈22'45	8.76607 AU
direct	-7242 Feb 17 j 01:59	22°♈55'41	
	-7242 May 30 j 01:25	0°♉	
evening set	-7242 Jun 02 j 08:32	0°♉22'56	
conjunction	-7242 Jun 19 j 19:39	2°♉26'53	-0°00'18
minimum elong	-7242 Jun 19 j 19:40	2°♉26'53	0°00'05
behind sun begin	-7242 Jun 19 j 12:53	2°♉24'53	
behind sun end	-7242 Jun 20 j 02:28	2°♉28'53	

Attention, astronomical year style is used: The year -7242 in astronomical counting style is the year 7243 BCE in historical counting style.

max. Earth dist.	-7242 Jun 20 j 00:49	2°♉28'23	10.84065 AU
asc. node	-7242 Jun 23 j 09:58	2°♉52'36	
morning rise	-7242 Jul 07 j 01:30	4°♉29'17	
retrograde	-7242 Oct 13 j 12:22	11°♉29'08	
opposition	-7242 Dec 20 j 18:10	8°♉10'49	0°17'39
min. Earth dist.	-7242 Dec 20 j 14:43	8°♉11'28	8.90937 AU
direct	-7241 Mar 01 j 20:33	4°♉46'24	
evening set	-7241 Jun 14 j 14:12	12°♉04'34	
conjunction	-7241 Jul 01 j 20:49	14°♉05'38	0°29'25
minimum elong	-7241 Jul 01 j 20:47	14°♉05'38	0°29'42
max. Earth dist.	-7241 Jul 01 j 22:12	14°♉06'02	10.97530 AU
	-7241 Jul 09 j 13:45	15°♉	
morning rise	-7241 Jul 18 j 21:59	16°♉05'10	
retrograde	-7241 Oct 25 j 01:45	22°♉57'24	
opposition	-7240 Jan 01 j 16:58	19°♉40'27	0°52'56
min. Earth dist.	-7240 Jan 01 j 17:13	19°♉40'24	9.03468 AU
direct	-7240 Mar 13 j 04:26	16°♉17'25	
evening set	-7240 Jun 25 j 10:38	23°♉27'49	
conjunction	-7240 Jul 12 j 12:31	25°♉26'20	0°57'15
minimum elong	-7240 Jul 12 j 12:29	25°♉26'19	0°57'37
max. Earth dist.	-7240 Jul 12 j 09:42	25°♉25'31	11.08941 AU
morning rise	-7240 Jul 29 j 09:16	27°♉23'26	
	-7240 Aug 22 j 11:27	0°♊	
retrograde	-7240 Nov 04 j 08:36	4°♊10'08	
opposition	-7239 Jan 12 j 11:22	0°♊54'16	1°25'18
min. Earth dist.	-7239 Jan 12 j 15:58	0°♊53'24	9.13766 AU
	-7239 Jan 24 j 19:06	30°℞♉	
direct	-7239 Mar 25 j 05:37	27°♉32'30	
	-7239 May 21 j 17:32	0°♊	
evening set	-7239 Jul 06 j 23:19	4°♊36'37	
conjunction	-7239 Jul 23 j 20:32	6°♊32'56	1°22'23
minimum elong	-7239 Jul 23 j 20:29	6°♊32'55	1°22'50
max. Earth dist.	-7239 Jul 23 j 12:39	6°♊30'40	11.17916 AU
morning rise	-7239 Aug 09 j 13:20	8°♊28'03	
retrograde	-7239 Nov 15 j 13:59	15°♊11'21	
opposition	-7238 Jan 24 j 02:43	11°♊56'12	1°53'53
min. Earth dist.	-7238 Jan 24 j 10:43	11°♊54'44	9.21469 AU
direct	-7238 Apr 06 j 02:45	8°♊35'35	
evening set	-7238 Jul 18 j 05:58	15°♊34'52	
conjunction	-7238 Aug 03 j 22:57	17°♊29'29	1°44'09
minimum elong	-7238 Aug 03 j 22:54	17°♊29'28	1°44'38
max. Earth dist.	-7238 Aug 03 j 11:28	17°♊26'11	11.24156 AU
morning rise	-7238 Aug 20 j 12:07	19°♊23'03	
retrograde	-7238 Nov 26 j 18:08	26°♊05'00	
opposition	-7237 Feb 04 j 16:26	22°♊50'13	2°18'01
min. Earth dist.	-7237 Feb 05 j 02:53	22°♊48'18	9.26318 AU
direct	-7237 Apr 17 j 18:07	19°♊30'35	
evening set	-7237 Jul 29 j 08:12	26°♊26'30	
conjunction	-7237 Aug 14 j 21:37	28°♊19'54	2°01'58
minimum elong	-7237 Aug 14 j 21:34	28°♊19'53	2°02'28
max. Earth dist.	-7237 Aug 14 j 07:49	28°♊15'56	11.27463 AU
	-7237 Aug 29 j 11:28	0°♋	
morning rise	-7237 Aug 31 j 07:42	0°♋12'28	
retrograde	-7237 Dec 08 j 00:47	6°♋55'00	
opposition	-7236 Feb 16 j 06:03	3°♋40'14	2°37'05
min. Earth dist.	-7236 Feb 16 j 19:15	3°♋37'50	9.28164 AU
direct	-7236 Apr 28 j 06:33	0°♋21'21	
evening set	-7236 Aug 08 j 07:39	7°♋15'23	
conjunction	-7236 Aug 24 j 18:05	9°♋08'07	2°15'23
minimum elong	-7236 Aug 24 j 18:03	9°♋08'06	2°15'51
max. Earth dist.	-7236 Aug 24 j 01:05	9°♋03'13	11.27728 AU
morning rise	-7236 Sep 10 j 02:04	11°♋00'15	
retrograde	-7236 Dec 18 j 07:38	17°♋45'13	
opposition	-7235 Feb 26 j 20:44	14°♋30'07	2°50'36
min. Earth dist.	-7235 Feb 27 j 13:01	14°♋27'09	9.26922 AU
direct	-7235 May 09 j 15:42	11°♋11'43	
evening set	-7235 Aug 19 j 06:10	18°♋05'23	
conjunction	-7235 Sep 04 j 14:25	19°♋58'00	2°23'58
minimum elong	-7235 Sep 04 j 14:24	19°♋58'00	2°24'26
max. Earth dist.	-7235 Sep 03 j 18:19	19°♋52'11	11.24910 AU
morning rise	-7235 Sep 20 j 21:21	21°♋50'18	
retrograde	-7235 Dec 29 j 18:47	28°♋39'34	
opposition	-7234 Mar 10 j 13:37	25°♋23'45	2°58'09
min. Earth dist.	-7234 Mar 11 j 08:06	25°♋20'23	9.22573 AU
direct	-7234 May 21 j 03:16	22°♋05'35	
evening set	-7234 Aug 30 j 05:14	29°♋00'25	
	-7234 Sep 07 j 20:29	0°♌	
conjunction	-7234 Sep 15 j 12:31	0°♌53'33	2°27'24
minimum elong	-7234 Sep 15 j 12:31	0°♌53'33	2°27'51
max. Earth dist.	-7234 Sep 14 j 15:11	0°♌47'20	11.19030 AU
morning rise	-7234 Oct 01 j 19:18	2°♌46'37	
retrograde	-7233 Jan 10 j 12:41	9°♌42'02	
opposition	-7233 Mar 22 j 10:21	6°♌25'10	2°59'19
min. Earth dist.	-7233 Mar 23 j 05:24	6°♌21'42	9.15185 AU
direct	-7233 Jun 01 j 14:54	3°♌07'03	
evening set	-7233 Sep 10 j 06:38	10°♌04'32	
conjunction	-7233 Sep 26 j 14:06	11°♌58'50	2°25'23
minimum elong	-7233 Sep 26 j 14:08	11°♌58'50	2°25'48
max. Earth dist.	-7233 Sep 25 j 16:14	11°♌52'24	11.10227 AU
morning rise	-7233 Oct 12 j 21:51	13°♌53'20	
	-7233 Oct 22 j 17:04	15°♌	
retrograde	-7232 Jan 22 j 13:33	20°♌56'42	
opposition	-7232 Apr 02 j 12:12	17°♌38'30	2°53'46
min. Earth dist.	-7232 Apr 03 j 07:34	17°♌34'56	9.04993 AU
	-7232 May 14 j 03:40	15°℞♌	
direct	-7232 Jun 12 j 04:20	14°♌20'08	
	-7232 Jul 10 j 16:14	15°♌	
evening set	-7232 Sep 20 j 12:39	21°♌21'50	
conjunction	-7232 Oct 06 j 21:16	23°♌17'55	2°17'44
minimum elong	-7232 Oct 06 j 21:19	23°♌17'55	2°18'04
max. Earth dist.	-7232 Oct 05 j 22:33	23°♌11'09	10.98828 AU
morning rise	-7232 Oct 23 j 07:20	25°♌14'30	
	-7232 Dec 08 j 14:52	0°♍	
retrograde	-7231 Feb 02 j 22:29	2°♍27'21	
	-7231 Apr 02 j 22:02	30°℞♌	
opposition	-7231 Apr 14 j 20:07	29°♌07'34	2°41'15
min. Earth dist.	-7231 Apr 15 j 15:40	29°♌03'56	8.92400 AU
direct	-7231 Jun 23 j 22:05	25°♌48'42	
	-7231 Sep 05 j 17:14	0°♍	
evening set	-7231 Oct 02 j 00:50	2°♍56'04	
conjunction	-7231 Oct 18 j 11:44	4°♍54'30	2°04'19
minimum elong	-7231 Oct 18 j 11:47	4°♍54'31	2°04'34
max. Earth dist.	-7231 Oct 17 j 13:20	4°♍47'43	10.85284 AU
morning rise	-7231 Nov 04 j 01:14	6°♍53'46	
retrograde	-7230 Feb 15 j 15:41	14°♍17'34	
opposition	-7230 Apr 27 j 11:27	10°♍55'56	2°21'39
min. Earth dist.	-7230 Apr 28 j 06:07	10°♍52'25	8.77906 AU
direct	-7230 Jul 05 j 22:12	7°♍36'21	
evening set	-7230 Oct 13 j 20:58	14°♍50'42	
conjunction	-7230 Oct 30 j 11:21	16°♍52'03	1°45'14
minimum elong	-7230 Oct 30 j 11:25	16°♍52'04	1°45'23
max. Earth dist.	-7230 Oct 29 j 15:31	16°♍45'58	10.70126 AU

Attention, astronomical year style is used: The year -7230 in astronomical counting style is the year 7231 BCE in historical counting style.

morning rise	-7230 Nov 16 j 05:08	18°♍54'31	
retrograde	-7229 Feb 28 j 20:20	26°♍30'30	
opposition	-7229 May 10 j 10:52	23°♍06'50	1°55'07
min. Earth dist.	-7229 May 11 j 02:50	23°♍03'47	8.62104 AU
direct	-7229 Jul 18 j 06:43	19°♍46'20	
evening set	-7229 Oct 26 j 03:17	27°♍08'57	
conjunction	-7229 Nov 11 j 22:03	29°♍13'41	1°20'46
minimum elong	-7229 Nov 11 j 22:06	29°♍13'42	1°20'50
max. Earth dist.	-7229 Nov 11 j 05:36	29°♍08'33	10.53981 AU
	-7229 Nov 18 j 02:33	0°♎	
morning rise	-7229 Nov 28 j 20:52	1°♎19'47	
retrograde	-7228 Mar 13 j 13:32	9°♎08'42	
opposition	-7228 May 22 j 18:45	5°♎43'00	1°22'07
min. Earth dist.	-7228 May 23 j 07:08	5°♎40'36	8.45685 AU
direct	-7228 Jul 29 j 21:01	2°♎21'25	
evening set	-7228 Nov 06 j 21:32	9°♎53'28	
conjunction	-7228 Nov 23 j 21:09	12°♎01'52	0°51'36
minimum elong	-7228 Nov 23 j 21:12	12°♎01'53	0°51'33
max. Earth dist.	-7228 Nov 23 j 08:12	11°♎57'46	10.37580 AU
morning rise	-7228 Dec 11 j 01:36	14°♎11'54	
retrograde	-7227 Mar 27 j 16:44	22°♎14'05	
opposition	-7227 Jun 05 j 11:41	18°♎46'24	0°43'38
min. Earth dist.	-7227 Jun 05 j 20:07	18°♎44'44	8.29427 AU
direct	-7227 Aug 11 j 20:58	15°♎23'36	
evening set	-7227 Nov 20 j 05:01	23°♎06'01	
conjunction	-7227 Dec 07 j 09:44	25°♎18'12	0°18'48
minimum elong	-7227 Dec 07 j 09:45	25°♎18'13	0°18'39
max. Earth dist.	-7227 Dec 07 j 00:47	25°♎15'20	10.21736 AU
morning rise	-7227 Dec 24 j 19:58	27°♎32'12	
	-7226 Jan 14 j 01:08	0°♏	
retrograde	-7226 Apr 11 j 06:09	5°♏47'20	
opposition	-7226 Jun 19 j 13:27	2°♏17'50	0°01'15
min. Earth dist.	-7226 Jun 19 j 17:56	2°♏16'56	8.14191 AU
desc. node	-7226 Jun 30 j 09:56	1°♏26'13	
	-7226 Jul 21 j 01:00	30°℞♎	
direct	-7226 Aug 25 j 07:49	28°♎53'43	
	-7226 Sep 28 j 21:05	0°♏	
evening set	-7226 Dec 04 j 02:50	6°♏47'00	
conjunction	-7226 Dec 21 j 12:45	9°♏02'53	-0°16'07
minimum elong	-7226 Dec 21 j 12:44	9°♏02'52	0°16'23
max. Earth dist.	-7226 Dec 21 j 09:01	9°♏01'40	10.07325 AU
morning rise	-7225 Jan 08 j 04:27	11°♏20'38	
	-7225 Feb 07 j 11:52	15°♏	
retrograde	-7225 Apr 26 j 04:41	19°♏47'27	
opposition	-7225 Jul 03 j 23:06	16°♏16'27	-0°42'42
min. Earth dist.	-7225 Jul 03 j 23:20	16°♏16'24	8.00867 AU
	-7225 Jul 19 j 23:52	15°℞♏	
direct	-7225 Sep 08 j 04:50	12°♏50'58	
	-7225 Oct 26 j 15:17	15°♏	
evening set	-7225 Dec 18 j 15:01	20°♏55'03	
conjunction	-7224 Jan 05 j 05:51	23°♏14'13	-0°51'00
minimum elong	-7224 Jan 05 j 05:48	23°♏14'12	0°51'20
max. Earth dist.	-7224 Jan 05 j 08:07	23°♏14'58	9.95216 AU
morning rise	-7224 Jan 23 j 02:14	25°♏35'12	
	-7224 Feb 28 j 21:26	0°♐	
retrograde	-7224 May 10 j 10:44	4°♐11'28	
opposition	-7224 Jul 17 j 15:20	0°♐39'21	-1°25'22
min. Earth dist.	-7224 Jul 17 j 10:58	0°♐40'15	7.90291 AU
	-7224 Jul 25 j 15:03	30°℞♏	
direct	-7224 Sep 21 j 11:30	27°♏12'33	
	-7224 Nov 15 j 19:49	0°♐	
evening set	-7223 Jan 01 j 16:29	5°♐26'31	
conjunction	-7223 Jan 19 j 11:29	7°♐48'18	-1°23'27
minimum elong	-7223 Jan 19 j 11:25	7°♐48'16	1°23'52
max. Earth dist.	-7223 Jan 19 j 20:12	7°♐51'13	9.86214 AU
morning rise	-7223 Feb 06 j 11:23	10°♐11'42	
retrograde	-7223 May 25 j 20:39	18°♐54'10	
opposition	-7223 Aug 01 j 12:05	15°♐21'25	-2°03'26
min. Earth dist.	-7223 Aug 01 j 02:59	15°♐23'19	7.83192 AU
direct	-7223 Oct 06 j 03:09	11°♐53'26	
evening set	-7222 Jan 17 j 04:49	20°♐15'26	
conjunction	-7222 Feb 04 j 03:08	22°♐38'57	-1°50'57
minimum elong	-7222 Feb 04 j 03:04	22°♐38'56	1°51'25
max. Earth dist.	-7222 Feb 04 j 18:03	22°♐43'58	9.80987 AU
morning rise	-7222 Feb 22 j 05:23	25°♐03'46	
	-7222 Apr 04 j 08:51	0°♑	
retrograde	-7222 Jun 10 j 07:09	3°♑48'19	
opposition	-7222 Aug 16 j 10:48	0°♑15'27	-2°33'43
min. Earth dist.	-7222 Aug 15 j 21:23	0°♑18'16	7.80105 AU
	-7222 Aug 19 j 12:25	30°℞♐	
direct	-7222 Oct 21 j 01:13	26°♐46'26	
	-7222 Dec 19 j 21:07	0°♑	
evening set	-7221 Feb 02 j 00:18	5°♑13'46	
conjunction	-7221 Feb 20 j 01:01	7°♑38'01	-2°11'13
minimum elong	-7221 Feb 20 j 00:58	7°♑38'00	2°11'42
max. Earth dist.	-7221 Feb 20 j 21:01	7°♑44'44	9.79952 AU
morning rise	-7221 Mar 10 j 04:26	10°♑03'09	
retrograde	-7221 Jun 25 j 14:37	18°♑45'10	
opposition	-7221 Aug 31 j 08:46	15°♑12'46	-2°53'39
min. Earth dist.	-7221 Aug 30 j 16:11	15°♑16'16	7.81264 AU
direct	-7221 Nov 05 j 03:17	11°♑43'00	
evening set	-7220 Feb 17 j 22:24	20°♑12'15	
conjunction	-7220 Mar 07 j 00:30	22°♑36'12	-2°22'39
minimum elong	-7220 Mar 07 j 00:29	22°♑36'12	2°23'07
max. Earth dist.	-7220 Mar 08 j 00:03	22°♑44'04	9.83204 AU
morning rise	-7220 Mar 25 j 03:56	25°♑00'33	
	-7220 May 06 j 04:07	0°♒	
retrograde	-7220 Jul 09 j 15:13	3°♒35'35	
min. Earth dist.	-7220 Sep 13 j 08:41	0°♒08'03	7.86598 AU
opposition	-7220 Sep 14 j 03:03	0°♒04'11	-3°01'42
	-7220 Sep 14 j 22:56	30°℞♑	
direct	-7220 Nov 19 j 05:49	26°♑34'00	
	-7219 Jan 21 j 00:17	0°♒	
evening set	-7219 Mar 04 j 18:01	5°♒01'27	
conjunction	-7219 Mar 22 j 20:39	7°♒24'11	-2°24'32
minimum elong	-7219 Mar 22 j 20:40	7°♒24'12	2°24'57
max. Earth dist.	-7219 Mar 23 j 22:04	7°♒32'35	9.90525 AU
morning rise	-7219 Apr 09 j 23:14	9°♒46'48	
	-7219 May 24 j 21:00	15°♒	
retrograde	-7219 Jul 24 j 06:35	18°♒11'05	
	-7219 Sep 24 j 21:05	15°℞♒	
opposition	-7219 Sep 28 j 15:17	14°♒41'09	-2°57'44
min. Earth dist.	-7219 Sep 27 j 20:27	14°♒45'06	7.95734 AU
direct	-7219 Dec 04 j 06:30	11°♒10'55	
	-7218 Feb 09 j 12:56	15°♒	
evening set	-7218 Mar 20 j 06:42	19°♒33'07	
conjunction	-7218 Apr 07 j 09:04	21°♒53'50	-2°17'10
minimum elong	-7218 Apr 07 j 09:07	21°♒53'51	2°17'30
max. Earth dist.	-7218 Apr 08 j 10:25	22°♒02'06	10.01388 AU
morning rise	-7218 Apr 25 j 10:06	24°♒13'59	
	-7218 Jun 16 j 06:03	0°♓	
retrograde	-7218 Aug 07 j 10:30	2°♓24'50	
	-7218 Sep 29 j 20:36	30°℞♒	
opposition	-7218 Oct 12 j 19:33	28°♒56'43	-2°42'45

Attention, astronomical year style is used: The year -7218 in astronomical counting style is the year 7219 BCE in historical counting style.

min. Earth dist.	-7218 Oct 12 j 01:27	29°♒00'27	8.08022 AU
direct	-7218 Dec 19 j 02:48	25°♒26'48	
	-7217 Mar 04 j 05:20	0°♓	
evening set	-7217 Apr 04 j 09:16	3°♓40'56	
conjunction	-7217 Apr 22 j 10:30	5°♓59'00	-2°01'41
minimum elong	-7217 Apr 22 j 10:34	5°♓59'02	2°01'55
max. Earth dist.	-7217 Apr 23 j 09:55	6°♓06'31	10.15024 AU
morning rise	-7217 May 10 j 09:13	8°♓16'09	
retrograde	-7217 Aug 21 j 01:25	16°♓12'12	
opposition	-7217 Oct 26 j 14:34	12°♓46'05	-2°18'42
min. Earth dist.	-7217 Oct 25 j 21:43	12°♓49'31	8.22636 AU
direct	-7216 Jan 02 j 16:06	9°♓16'51	
evening set	-7216 Apr 17 j 23:13	17°♓20'57	
conjunction	-7216 May 05 j 22:32	19°♓35'58	-1°39'43
minimum elong	-7216 May 05 j 22:36	19°♓35'59	1°39'51
max. Earth dist.	-7216 May 06 j 19:04	19°♓42'27	10.30538 AU
morning rise	-7216 May 23 j 18:16	21°♓49'46	
retrograde	-7216 Sep 02 j 03:37	29°♓30'51	
min. Earth dist.	-7216 Nov 07 j 08:53	26°♓09'50	8.38663 AU
opposition	-7216 Nov 08 j 00:01	26°♓06'47	-1°47'56
direct	-7215 Jan 15 j 20:23	22°♓38'32	
	-7215 Apr 27 j 14:37	0°♈	
evening set	-7215 May 01 j 23:23	0°♈31'33	
conjunction	-7215 May 19 j 20:03	2°♈43'17	-1°13'10
minimum elong	-7215 May 19 j 20:06	2°♈43'18	1°13'11
max. Earth dist.	-7215 May 20 j 13:13	2°♈48'36	10.46981 AU
morning rise	-7215 Jun 06 j 12:11	4°♈53'36	
retrograde	-7215 Sep 14 j 20:07	12°♈20'33	
opposition	-7215 Nov 20 j 23:58	8°♈58'28	-1°12'51
min. Earth dist.	-7215 Nov 20 j 11:31	9°♈00'56	8.55159 AU
direct	-7214 Jan 29 j 13:09	5°♈31'22	
evening set	-7214 May 15 j 10:12	13°♈13'11	
conjunction	-7214 Jun 02 j 03:26	15°♈21'37	-0°43'51
minimum elong	-7214 Jun 02 j 03:28	15°♈21'37	0°43'46
max. Earth dist.	-7214 Jun 02 j 16:27	15°♈25'34	10.63400 AU
morning rise	-7214 Jun 19 j 15:26	17°♈28'28	
retrograde	-7214 Sep 27 j 02:06	24°♈42'45	
opposition	-7214 Dec 03 j 15:04	21°♈22'34	-0°35'39
min. Earth dist.	-7214 Dec 03 j 06:43	21°♈24'11	8.71212 AU
direct	-7213 Feb 11 j 19:53	17°♈56'43	
evening set	-7213 May 28 j 08:18	25°♈28'00	
conjunction	-7213 Jun 14 j 21:24	27°♈33'12	-0°13'26
minimum elong	-7213 Jun 14 j 21:25	27°♈33'13	0°13'16
behind sun begin	-7213 Jun 14 j 17:18	27°♈31'59	
behind sun end	-7213 Jun 15 j 01:32	27°♈34'26	
max. Earth dist.	-7213 Jun 15 j 05:15	27°♈35'33	10.78934 AU
morning rise	-7213 Jul 02 j 05:01	29°♈36'49	
	-7213 Jul 05 j 12:34	0°♉	
retrograde	-7213 Oct 08 j 22:53	6°♉40'28	
asc. node	-7213 Nov 27 j 19:02	4°♉42'59	
opposition	-7213 Dec 15 j 22:47	3°♉21'59	0°01'48
min. Earth dist.	-7213 Dec 15 j 18:59	3°♉22'43	8.86065 AU
	-7212 Feb 17 j 12:46	30°♓R	
direct	-7212 Feb 24 j 17:51	29°♈57'27	
	-7212 Mar 02 j 22:35	0°♉	
evening set	-7212 Jun 08 j 18:46	7°♉19'15	
conjunction	-7212 Jun 26 j 03:17	9°♉21'28	0°16'48
minimum elong	-7212 Jun 26 j 03:16	9°♉21'28	0°17'03
max. Earth dist.	-7212 Jun 26 j 05:14	9°♉22'02	10.92943 AU
morning rise	-7212 Jul 13 j 06:30	11°♉22'08	
	-7212 Aug 16 j 08:21	15°♉	

retrograde	-7212 Oct 19 j 13:15	18°♉17'20	
opposition	-7212 Dec 27 j 00:04	15°♉00'15	0°38'01
min. Earth dist.	-7212 Dec 27 j 00:07	15°♉00'14	8.99169 AU
	-7212 Dec 27 j 01:24	15°♓R♉	
direct	-7211 Mar 08 j 06:43	11°♉37'00	
	-7211 May 15 j 03:06	15°♉	
evening set	-7211 Jun 20 j 19:18	18°♉50'34	
conjunction	-7211 Jul 07 j 23:09	20°♉50'07	0°45'32
minimum elong	-7211 Jul 07 j 23:07	20°♉50'06	0°45'52
max. Earth dist.	-7211 Jul 07 j 20:09	20°♉49'14	11.04966 AU
morning rise	-7211 Jul 24 j 21:59	22°♉48'12	
retrograde	-7211 Oct 30 j 22:05	29°♉37'03	
opposition	-7210 Jan 07 j 20:07	26°♉21'01	1°11'45
min. Earth dist.	-7210 Jan 07 j 23:19	26°♉20'25	9.10100 AU
direct	-7210 Mar 20 j 12:40	22°♉58'57	
	-7210 Jul 01 j 15:21	0°♊	
evening set	-7210 Jul 02 j 11:24	0°♊05'40	
conjunction	-7210 Jul 19 j 10:44	2°♊02'54	1°11'56
minimum elong	-7210 Jul 19 j 10:41	2°♊02'53	1°12'20
max. Earth dist.	-7210 Jul 19 j 04:14	2°♊01'01	11.14624 AU
morning rise	-7210 Aug 05 j 05:11	3°♊58'48	
retrograde	-7210 Nov 11 j 05:56	10°♊43'24	
opposition	-7209 Jan 19 j 12:47	7°♊28'05	1°42'05
min. Earth dist.	-7209 Jan 19 j 19:37	7°♊26'50	9.18518 AU
direct	-7209 Apr 01 j 11:27	4°♊07'04	
evening set	-7209 Jul 13 j 20:34	11°♊08'20	
conjunction	-7209 Jul 30 j 15:29	13°♊03'41	1°35'14
minimum elong	-7209 Jul 30 j 15:26	13°♊03'40	1°35'41
max. Earth dist.	-7209 Jul 30 j 05:08	13°♊00'42	11.21624 AU
morning rise	-7209 Aug 16 j 06:03	14°♊57'52	
retrograde	-7209 Nov 22 j 09:21	21°♊40'15	
opposition	-7208 Jan 31 j 03:16	18°♊25'18	2°08'13
min. Earth dist.	-7208 Jan 31 j 14:01	18°♊23'20	9.24178 AU
direct	-7208 Apr 12 j 03:12	15°♊05'07	
evening set	-7208 Jul 24 j 00:37	22°♊02'27	
conjunction	-7208 Aug 09 j 15:29	23°♊56'22	1°54'49
minimum elong	-7208 Aug 09 j 15:26	23°♊56'22	1°55'18
max. Earth dist.	-7208 Aug 09 j 00:53	23°♊52'10	11.25780 AU
morning rise	-7208 Aug 26 j 02:56	25°♊49'23	
	-7208 Oct 06 j 15:03	0°♋	
retrograde	-7208 Dec 02 j 13:40	2°♋31'31	
	-7207 Jan 31 j 16:12	30°♓R♊	
opposition	-7207 Feb 10 j 16:35	29°♊16'34	2°29'33
min. Earth dist.	-7207 Feb 11 j 06:30	29°♊14'02	9.26920 AU
direct	-7207 Apr 23 j 18:26	25°♊57'01	
	-7207 Jul 08 j 00:25	0°♋	
evening set	-7207 Aug 04 j 00:59	2°♋51'56	
conjunction	-7207 Aug 20 j 12:37	4°♋44'58	2°10'11
minimum elong	-7207 Aug 20 j 12:34	4°♋44'57	2°10'40
max. Earth dist.	-7207 Aug 19 j 19:16	4°♋39'58	11.26975 AU
morning rise	-7207 Sep 05 j 21:36	6°♋37'19	
retrograde	-7207 Dec 13 j 19:54	13°♋21'09	
opposition	-7206 Feb 22 j 06:23	10°♋05'50	2°45'33
min. Earth dist.	-7206 Feb 22 j 21:57	10°♋03'01	9.26652 AU
direct	-7206 May 05 j 05:35	6°♋46'48	
evening set	-7206 Aug 14 j 23:25	13°♋40'43	
conjunction	-7206 Aug 31 j 08:41	15°♋33'26	2°20'55
minimum elong	-7206 Aug 31 j 08:40	15°♋33'25	2°21'23
max. Earth dist.	-7206 Aug 30 j 13:57	15°♋28'01	11.25171 AU
morning rise	-7206 Sep 16 j 15:56	17°♋25'41	
retrograde	-7206 Dec 25 j 06:22	24°♋13'07	

Attention, astronomical year style is used: The year -7205 in astronomical counting style is the year 7206 BCE in historical counting style.

opposition	-7205 Mar 05 j 22:07	20°♋57'09	2°55'46
min. Earth dist.	-7205 Mar 06 j 15:17	20°♋54'02	9.23387 AU
direct	-7205 May 16 j 15:43	17°♋38'24	
evening set	-7205 Aug 25 j 21:54	24°♋32'51	
max. Earth dist.	-7205 Sep 10 j 08:54	26°♋19'49	11.20438 AU
conjunction	-7205 Sep 11 j 05:37	26°♋25'50	2°26'38
minimum elong	-7205 Sep 11 j 05:37	26°♋25'50	2°27'05
morning rise	-7205 Sep 27 j 12:19	28°♋18'37	
	-7205 Oct 12 j 18:52	0°♌	
retrograde	-7204 Jan 05 j 20:29	5°♌11'24	
opposition	-7204 Mar 16 j 17:01	1°♌54'31	2°59'45
min. Earth dist.	-7204 Mar 17 j 12:02	1°♌51'03	9.17238 AU
	-7204 Apr 13 j 13:43	30°℞♋	
direct	-7204 May 27 j 01:18	28°♋35'51	
	-7204 Jul 08 j 07:05	0°♌	
evening set	-7204 Sep 04 j 21:59	5°♌32'20	
max. Earth dist.	-7204 Sep 20 j 06:48	7°♌19'35	11.12927 AU
conjunction	-7204 Sep 21 j 05:12	7°♌26'10	2°27'01
minimum elong	-7204 Sep 21 j 05:13	7°♌26'10	2°27'27
morning rise	-7204 Oct 07 j 12:36	9°♌20'07	
	-7204 Dec 06 j 15:54	15°♌	
retrograde	-7203 Jan 16 j 16:03	16°♌20'01	
	-7203 Feb 27 j 22:03	15°℞♌	
opposition	-7203 Mar 28 j 16:19	13°♌01'56	2°57'10
min. Earth dist.	-7203 Mar 29 j 12:07	12°♌58'17	9.08381 AU
direct	-7203 Jun 07 j 14:02	9°♌43'10	
	-7203 Aug 31 j 19:13	15°♌	
evening set	-7203 Sep 16 j 01:32	16°♌43'10	
max. Earth dist.	-7203 Oct 01 j 11:33	18°♌31'57	11.02850 AU
conjunction	-7203 Oct 02 j 09:32	18°♌38'28	2°21'50
minimum elong	-7203 Oct 02 j 09:34	18°♌38'29	2°22'12
morning rise	-7203 Oct 18 j 18:33	20°♌34'10	
retrograde	-7202 Jan 28 j 22:01	27°♌42'52	
opposition	-7202 Apr 09 j 21:16	24°♌23'21	2°47'41
min. Earth dist.	-7202 Apr 10 j 16:15	24°♌19'50	8.97087 AU
direct	-7202 Jun 19 j 07:21	21°♌04'20	
evening set	-7202 Sep 27 j 10:32	28°♌09'14	
	-7202 Oct 12 j 22:21	0°♍	
conjunction	-7202 Oct 13 j 20:28	0°♍06'39	2°10'55
minimum elong	-7202 Oct 13 j 20:30	0°♍06'39	2°11'13
max. Earth dist.	-7202 Oct 12 j 23:44	0°♍00'25	10.90535 AU
morning rise	-7202 Oct 30 j 08:12	2°♍04'44	
retrograde	-7201 Feb 10 j 12:10	9°♍23'43	
opposition	-7201 Apr 22 j 09:11	6°♍02'34	2°31'08
min. Earth dist.	-7201 Apr 23 j 02:32	5°♍59'19	8.83750 AU
direct	-7201 Jul 01 j 03:22	2°♍43'06	
evening set	-7201 Oct 09 j 02:54	9°♍54'20	
conjunction	-7201 Oct 25 j 15:42	11°♍54'23	1°54'16
minimum elong	-7201 Oct 25 j 15:46	11°♍54'24	1°54'27
max. Earth dist.	-7201 Oct 24 j 19:55	11°♍48'21	10.76426 AU
morning rise	-7201 Nov 11 j 07:26	13°♍55'26	
retrograde	-7200 Feb 23 j 12:39	21°♍26'00	
opposition	-7200 May 04 j 04:58	18°♍03'06	2°07'32
min. Earth dist.	-7200 May 04 j 20:47	18°♍00'06	8.68870 AU
direct	-7200 Jul 12 j 06:50	14°♍42'59	
evening set	-7200 Oct 20 j 04:44	22°♍01'54	
conjunction	-7200 Nov 05 j 21:19	24°♍05'06	1°32'03
minimum elong	-7200 Nov 05 j 21:23	24°♍05'07	1°32'08
max. Earth dist.	-7200 Nov 05 j 03:23	23°♍59'32	10.61071 AU
morning rise	-7200 Nov 22 j 17:55	26°♍09'35	
	-7200 Dec 26 j 22:26	0°♎	
retrograde	-7199 Mar 08 j 00:04	3°♎52'42	
opposition	-7199 May 17 j 09:08	0°♎28'00	1°37'11
min. Earth dist.	-7199 May 17 j 22:47	0°♎25'23	8.53073 AU
	-7199 May 23 j 11:09	30°℞♍	
direct	-7199 Jul 24 j 17:52	27°♍07'02	
	-7199 Sep 21 j 06:26	0°♎	
evening set	-7199 Nov 01 j 17:35	4°♎34'52	
conjunction	-7199 Nov 18 j 14:51	6°♎41'35	1°04'47
minimum elong	-7199 Nov 18 j 14:54	6°♎41'36	1°04'46
max. Earth dist.	-7199 Nov 18 j 00:35	6°♎37'05	10.45138 AU
morning rise	-7199 Dec 05 j 16:51	8°♎49'50	
retrograde	-7198 Mar 21 j 21:34	16°♎46'07	
opposition	-7198 May 30 j 22:24	13°♎19'35	1°00'53
min. Earth dist.	-7198 May 31 j 08:34	13°♎17'36	8.37092 AU
direct	-7198 Aug 06 j 15:00	9°♎57'39	
evening set	-7198 Nov 14 j 19:10	17°♎35'21	
conjunction	-7198 Dec 01 j 21:38	19°♎45'48	0°33'21
minimum elong	-7198 Dec 01 j 21:40	19°♎45'48	0°33'15
max. Earth dist.	-7198 Dec 01 j 12:29	19°♎42'52	10.29390 AU
morning rise	-7198 Dec 19 j 05:15	21°♎57'58	
	-7197 Mar 24 j 10:44	0°♏	
retrograde	-7197 Apr 05 j 06:52	0°♏07'20	
	-7197 Apr 17 j 05:14	30°℞♎	
opposition	-7197 Jun 13 j 20:31	26°♎39'02	0°19'56
min. Earth dist.	-7197 Jun 14 j 02:07	26°♎37'56	8.21738 AU
direct	-7197 Aug 19 j 21:52	23°♎16'00	
	-7197 Nov 19 j 22:16	0°♏	
evening set	-7197 Nov 28 j 10:54	1°♏04'13	
desc. node	-7197 Dec 06 j 03:42	2°♏03'29	
conjunction	-7197 Dec 15 j 18:37	3°♏18'23	-0°00'55
minimum elong	-7197 Dec 15 j 18:38	3°♏18'23	0°01'08
behind sun begin	-7197 Dec 15 j 11:26	3°♏16'04	
behind sun end	-7197 Dec 16 j 01:49	3°♏20'42	
max. Earth dist.	-7197 Dec 15 j 14:38	3°♏17'08	10.14654 AU
morning rise	-7196 Jan 02 j 07:45	5°♏34'23	
retrograde	-7196 Apr 19 j 02:32	13°♏55'53	
opposition	-7196 Jun 27 j 02:44	10°♏26'03	-0°23'40
min. Earth dist.	-7196 Jun 27 j 03:32	10°♏25'53	8.07852 AU
direct	-7196 Sep 01 j 13:34	7°♏01'47	
evening set	-7196 Dec 11 j 17:00	15°♏00'41	
	-7196 Dec 11 j 14:53	15°♏	
conjunction	-7196 Dec 29 j 05:39	17°♏18'16	-0°36'03
minimum elong	-7196 Dec 29 j 05:37	17°♏18'16	0°36'22
max. Earth dist.	-7196 Dec 29 j 06:46	17°♏18'38	10.01763 AU
morning rise	-7195 Jan 15 j 23:47	19°♏37'42	
retrograde	-7195 May 04 j 06:39	28°♏09'33	
opposition	-7195 Jul 11 j 16:16	24°♏38'27	-1°07'14
min. Earth dist.	-7195 Jul 11 j 12:42	24°♏39'11	7.96229 AU
direct	-7195 Sep 15 j 14:58	21°♏12'53	
evening set	-7195 Dec 26 j 12:38	29°♏21'57	
	-7195 Dec 31 j 08:50	0°♐	
conjunction	-7194 Jan 13 j 05:40	1°♐42'25	-1°09'50
minimum elong	-7194 Jan 13 j 05:36	1°♐42'24	1°10'14
max. Earth dist.	-7194 Jan 13 j 11:48	1°♐44'27	9.91463 AU
morning rise	-7194 Jan 31 j 03:57	4°♐04'37	
retrograde	-7194 May 19 j 15:37	12°♐44'07	
opposition	-7194 Jul 26 j 11:12	9°♐12'12	-1°47'38
min. Earth dist.	-7194 Jul 26 j 03:55	9°♐13'43	7.87543 AU
direct	-7194 Sep 30 j 03:02	5°♐45'20	
evening set	-7193 Jan 10 j 20:26	14°♐03'25	
conjunction	-7193 Jan 28 j 17:08	16°♐26'03	-1°39'46

Attention, astronomical year style is used: The year -7193 in astronomical counting style is the year 7194 BCE in historical counting style.

minimum elong	-7193 Jan 28 j 17:04	16°♐26'02	1°40'12
max. Earth dist.	-7193 Jan 29 j 04:01	16°♐29'42	9.84392 AU
morning rise	-7193 Feb 15 j 18:27	18°♐50'10	
retrograde	-7193 Jun 04 j 02:04	27°♐33'46	
opposition	-7193 Aug 10 j 09:16	24°♐01'31	-2°21'38
min. Earth dist.	-7193 Aug 09 j 22:45	24°♐03'43	7.82395 AU
direct	-7193 Oct 14 j 22:43	20°♐33'29	
evening set	-7192 Jan 26 j 13:18	28°♐58'27	
	-7192 Feb 03 j 07:06	0°♑	
conjunction	-7192 Feb 13 j 12:48	1°♑22'20	-2°03'24
minimum elong	-7192 Feb 13 j 12:45	1°♑22'19	2°03'53
max. Earth dist.	-7192 Feb 14 j 04:23	1°♑27'33	9.81142 AU
morning rise	-7192 Mar 02 j 15:53	3°♑47'18	
retrograde	-7192 Jun 18 j 10:53	12°♑30'41	
opposition	-7192 Aug 24 j 08:03	8°♑58'36	-2°46'19
min. Earth dist.	-7192 Aug 23 j 18:29	9°♑01'27	7.81282 AU
direct	-7192 Oct 28 j 23:53	5°♑29'36	
evening set	-7191 Feb 10 j 10:45	13°♑58'15	
conjunction	-7191 Feb 28 j 12:08	16°♑22'21	-2°18'49
minimum elong	-7191 Feb 28 j 12:06	16°♑22'21	2°19'18
max. Earth dist.	-7191 Mar 01 j 07:59	16°♑29'00	9.82091 AU
morning rise	-7191 Mar 18 j 15:46	18°♑47'06	
retrograde	-7191 Jul 03 j 14:16	27°♑25'40	
opposition	-7191 Sep 08 j 04:29	23°♑54'12	-2°59'39
min. Earth dist.	-7191 Sep 07 j 12:15	23°♑57'37	7.84377 AU
direct	-7191 Nov 13 j 03:12	20°♑24'29	
evening set	-7190 Feb 26 j 08:07	28°♑53'08	
	-7190 Mar 06 j 19:57	0°♒	
conjunction	-7190 Mar 16 j 10:34	1°♒16'29	-2°24'53
minimum elong	-7190 Mar 16 j 10:34	1°♒16'29	2°25'19
max. Earth dist.	-7190 Mar 17 j 09:28	1°♒24'06	9.87236 AU
morning rise	-7190 Apr 03 j 13:45	3°♒39'58	
retrograde	-7190 Jul 18 j 09:34	12°♒09'29	
opposition	-7190 Sep 22 j 19:43	8°♒39'05	-3°00'53
min. Earth dist.	-7190 Sep 22 j 01:48	8°♒42'50	7.91475 AU
direct	-7190 Nov 28 j 05:28	5°♒08'58	
evening set	-7189 Mar 14 j 00:35	13°♒33'57	
	-7189 Mar 25 j 01:31	15°♒	
conjunction	-7189 Apr 01 j 03:16	15°♒55'41	-2°21'28
minimum elong	-7189 Apr 01 j 03:18	15°♒55'42	2°21'50
max. Earth dist.	-7189 Apr 02 j 03:33	16°♒03'40	9.96193 AU
morning rise	-7189 Apr 19 j 05:07	18°♒17'02	
retrograde	-7189 Aug 01 j 19:06	26°♒34'15	
min. Earth dist.	-7189 Oct 06 j 09:18	23°♒09'07	8.02043 AU
opposition	-7189 Oct 07 j 03:46	23°♒05'17	-2°50'33
direct	-7189 Dec 13 j 04:18	19°♒35'09	
evening set	-7188 Mar 28 j 07:59	27°♒53'17	
	-7188 Apr 13 j 18:52	0°♓	
conjunction	-7188 Apr 15 j 09:58	0°♓12'39	-2°09'20
minimum elong	-7188 Apr 15 j 10:02	0°♓12'40	2°09'37
max. Earth dist.	-7188 Apr 16 j 10:09	0°♓20'28	10.08297 AU
morning rise	-7188 May 03 j 09:43	2°♓31'14	
retrograde	-7188 Aug 14 j 16:00	10°♓34'10	
min. Earth dist.	-7188 Oct 19 j 09:26	7°♓10'33	8.15336 AU
opposition	-7188 Oct 20 j 03:01	7°♓06'56	-2°30'12
direct	-7188 Dec 26 j 20:36	3°♓37'10	
evening set	-7187 Apr 12 j 03:37	11°♓46'02	
conjunction	-7187 Apr 30 j 04:04	14°♓02'33	-1°49'59
minimum elong	-7187 Apr 30 j 04:08	14°♓02'34	1°50'10
max. Earth dist.	-7187 May 01 j 02:23	14°♓09'39	10.22714 AU
morning rise	-7187 May 18 j 01:06	16°♓17'56	
retrograde	-7187 Aug 28 j 00:11	24°♓05'53	
opposition	-7187 Nov 02 j 16:39	20°♓40'33	-2°02'04
min. Earth dist.	-7187 Nov 02 j 01:23	20°♓43'39	8.30496 AU
direct	-7186 Jan 10 j 04:15	17°♓11'27	
evening set	-7186 Apr 26 j 09:59	25°♓09'42	
conjunction	-7186 May 14 j 08:01	27°♓23'02	-1°25'12
minimum elong	-7186 May 14 j 08:05	27°♓23'03	1°25'16
max. Earth dist.	-7186 May 15 j 02:35	27°♓28'50	10.38534 AU
morning rise	-7186 Jun 01 j 01:49	29°♓35'01	
	-7186 Jun 04 j 12:04	0°♈	
retrograde	-7186 Sep 09 j 20:54	7°♈08'21	
opposition	-7186 Nov 15 j 20:44	3°♈44'59	-1°28'34
min. Earth dist.	-7186 Nov 15 j 08:18	3°♈47'27	8.46617 AU
direct	-7185 Jan 24 j 01:59	0°♈16'49	
evening set	-7185 May 10 j 02:41	8°♈03'55	
conjunction	-7185 May 27 j 21:28	10°♈13'57	-0°56'52
minimum elong	-7185 May 27 j 21:31	10°♈13'58	0°56'49
max. Earth dist.	-7185 May 28 j 11:25	10°♈18'14	10.54855 AU
morning rise	-7185 Jun 14 j 11:30	12°♈22'27	
retrograde	-7185 Sep 22 j 05:40	19°♈42'25	
opposition	-7185 Nov 28 j 15:37	16°♈20'56	-0°52'01
min. Earth dist.	-7185 Nov 28 j 06:00	16°♈22'49	8.62848 AU
direct	-7184 Feb 06 j 14:35	12°♈53'57	
evening set	-7184 May 22 j 06:05	20°♈30'07	
conjunction	-7184 Jun 08 j 21:02	22°♈36'51	-0°26'43
minimum elong	-7184 Jun 08 j 21:04	22°♈36'52	0°26'35
max. Earth dist.	-7184 Jun 09 j 06:29	22°♈39'42	10.70869 AU
morning rise	-7184 Jun 26 j 06:51	24°♈42'00	
	-7184 Aug 17 j 18:17	0°♉	
retrograde	-7184 Oct 03 j 05:39	1°♉50'21	
	-7184 Nov 20 j 02:39	30°℞♈	
opposition	-7184 Dec 10 j 02:14	28°♈30'35	-0°14'27
min. Earth dist.	-7184 Dec 09 j 19:18	28°♈31'55	8.78426 AU
direct	-7183 Feb 18 j 17:10	25°♈04'56	
asc. node	-7183 May 05 j 04:02	29°♈16'13	
	-7183 May 12 j 07:05	0°♉	
evening set	-7183 Jun 03 j 21:09	2°♉30'55	
conjunction	-7183 Jun 21 j 07:55	4°♉34'31	0°03'49
minimum elong	-7183 Jun 21 j 07:55	4°♉34'31	0°04'02
behind sun begin	-7183 Jun 21 j 00:53	4°♉32'27	
behind sun end	-7183 Jun 21 j 14:57	4°♉36'35	
max. Earth dist.	-7183 Jun 21 j 13:36	4°♉36'11	10.85859 AU
morning rise	-7183 Jul 08 j 13:11	6°♉36'32	
retrograde	-7183 Oct 15 j 00:09	13°♉35'15	
opposition	-7183 Dec 22 j 05:51	10°♉17'03	0°22'29
min. Earth dist.	-7183 Dec 22 j 02:38	10°♉17'40	8.92688 AU
direct	-7182 Mar 03 j 08:37	6°♉52'47	
evening set	-7182 Jun 16 j 01:38	14°♉09'45	
	-7182 Jun 23 j 07:11	15°♉	
conjunction	-7182 Jul 03 j 07:45	16°♉10'28	0°33'15
minimum elong	-7182 Jul 03 j 07:44	16°♉10'28	0°33'33
max. Earth dist.	-7182 Jul 03 j 09:02	16°♉10'51	10.99217 AU
morning rise	-7182 Jul 20 j 08:24	18°♉09'40	
retrograde	-7182 Oct 26 j 10:16	25°♉00'53	
opposition	-7181 Jan 03 j 03:46	21°♉44'02	0°57'24
min. Earth dist.	-7181 Jan 03 j 04:52	21°♉43'49	9.05092 AU
direct	-7181 Mar 15 j 15:54	18°♉21'06	
evening set	-7181 Jun 27 j 20:57	25°♉30'26	
conjunction	-7181 Jul 14 j 22:13	27°♉28'36	1°00'45
minimum elong	-7181 Jul 14 j 22:11	27°♉28'35	1°01'08
max. Earth dist.	-7181 Jul 14 j 18:21	27°♉27'29	11.10472 AU

Attention, astronomical year style is used: The year -7181 in astronomical counting style is the year 7182 BCE in historical counting style.

morning rise	-7181 Jul 31 j 18:35	29°♉25'23	
	-7181 Aug 05 j 21:11	0°♊	
retrograde	-7181 Nov 06 j 17:06	6°♊11'16	
opposition	-7180 Jan 14 j 21:28	2°♊55'28	1°29'17
min. Earth dist.	-7180 Jan 15 j 02:18	2°♊54'34	9.15210 AU
	-7180 Mar 02 j 23:09	30°℞♉	
direct	-7180 Mar 26 j 17:44	29°♉33'48	
	-7180 Apr 19 j 08:24	0°♊	
evening set	-7180 Jul 08 j 08:27	6°♊36'56	
conjunction	-7180 Jul 25 j 05:11	8°♊32'58	1°25'27
minimum elong	-7180 Jul 25 j 05:08	8°♊32'57	1°25'54
max. Earth dist.	-7180 Jul 24 j 21:00	8°♊30'36	11.19247 AU
morning rise	-7180 Aug 10 j 21:35	10°♊27'47	
retrograde	-7180 Nov 16 j 21:38	17°♊10'27	
opposition	-7179 Jan 25 j 12:08	13°♊55'20	1°57'18
min. Earth dist.	-7179 Jan 25 j 19:44	13°♊53'56	9.22690 AU
direct	-7179 Apr 07 j 12:46	10°♊34'50	
evening set	-7179 Jul 19 j 14:10	17°♊33'15	
conjunction	-7179 Aug 05 j 06:50	19°♊27'37	1°46'42
minimum elong	-7179 Aug 05 j 06:47	19°♊27'37	1°47'10
max. Earth dist.	-7179 Aug 04 j 19:46	19°♊24'27	11.25250 AU
morning rise	-7179 Aug 21 j 19:33	21°♊20'58	
retrograde	-7179 Nov 28 j 02:56	28°♊02'26	
opposition	-7178 Feb 06 j 01:14	24°♊47'42	2°20'45
min. Earth dist.	-7178 Feb 06 j 11:49	24°♊45'46	9.27288 AU
direct	-7178 Apr 19 j 03:39	21°♊28'09	
evening set	-7178 Jul 30 j 15:44	28°♊23'23	
	-7178 Aug 13 j 18:59	0°♋	
conjunction	-7178 Aug 16 j 04:46	0°♋16'36	2°03'57
minimum elong	-7178 Aug 16 j 04:44	0°♋16'35	2°04'26
max. Earth dist.	-7178 Aug 15 j 14:35	0°♋12'32	11.28295 AU
morning rise	-7178 Sep 01 j 14:34	2°♋09'00	
retrograde	-7178 Dec 09 j 07:39	8°♋51'13	
opposition	-7177 Feb 17 j 14:32	5°♋36'29	2°39'06
min. Earth dist.	-7177 Feb 18 j 04:36	5°♋33'56	9.28867 AU
direct	-7177 Apr 30 j 13:58	2°♋17'41	
evening set	-7177 Aug 10 j 14:39	9°♋11'13	
max. Earth dist.	-7177 Aug 26 j 06:50	10°♋58'39	11.28297 AU
conjunction	-7177 Aug 27 j 00:41	11°♋03'47	2°16'44
minimum elong	-7177 Aug 27 j 00:39	11°♋03'47	2°17'12
morning rise	-7177 Sep 12 j 08:35	12°♋55'50	
retrograde	-7177 Dec 20 j 14:40	19°♋40'42	
opposition	-7176 Feb 29 j 05:00	16°♋25'36	2°51'51
min. Earth dist.	-7176 Feb 29 j 21:36	16°♋22'36	9.27365 AU
direct	-7176 May 11 j 00:38	13°♋07'17	
evening set	-7176 Aug 20 j 12:41	20°♋00'36	
conjunction	-7176 Sep 05 j 20:49	21°♋53'09	2°24'40
minimum elong	-7176 Sep 05 j 20:48	21°♋53'09	2°25'08
max. Earth dist.	-7176 Sep 05 j 01:01	21°♋47'25	11.25231 AU
morning rise	-7176 Sep 22 j 03:40	23°♋45'23	
	-7176 Dec 04 j 06:31	0°♌	
retrograde	-7176 Dec 31 j 02:38	0°♌34'43	
	-7175 Jan 27 j 09:44	30°℞♋	
opposition	-7175 Mar 11 j 21:41	27°♋18'54	2°58'35
min. Earth dist.	-7175 Mar 12 j 15:37	27°♋15'38	9.22779 AU
direct	-7175 May 22 j 10:58	24°♋00'50	
	-7175 Aug 23 j 06:17	0°♌	
evening set	-7175 Aug 31 j 11:31	0°♌55'24	
conjunction	-7175 Sep 16 j 18:50	2°♌48'32	2°27'26
minimum elong	-7175 Sep 16 j 18:50	2°♌48'32	2°27'52
max. Earth dist.	-7175 Sep 15 j 22:03	2°♌42'28	11.19127 AU
morning rise	-7175 Oct 03 j 01:33	4°♌41'36	
retrograde	-7174 Jan 11 j 20:27	11°♌37'12	
opposition	-7174 Mar 23 j 18:24	8°♌20'19	2°58'56
min. Earth dist.	-7174 Mar 24 j 13:15	8°♌16'52	9.15175 AU
direct	-7174 Jun 02 j 21:55	5°♌02'16	
evening set	-7174 Sep 11 j 12:56	11°♌59'38	
conjunction	-7174 Sep 27 j 20:22	13°♌53'57	2°24'44
minimum elong	-7174 Sep 27 j 20:23	13°♌53'57	2°25'08
max. Earth dist.	-7174 Sep 26 j 21:56	13°♌47'21	11.10113 AU
	-7174 Oct 07 j 05:16	15°♌	
morning rise	-7174 Oct 14 j 04:16	15°♌48'31	
retrograde	-7173 Jan 23 j 22:07	22°♌52'10	
opposition	-7173 Apr 04 j 20:25	19°♌33'57	2°52'33
min. Earth dist.	-7173 Apr 05 j 16:23	19°♌30'17	9.04764 AU
direct	-7173 Jun 14 j 11:26	16°♌15'39	
evening set	-7173 Sep 22 j 19:00	23°♌17'22	
max. Earth dist.	-7173 Oct 08 j 04:26	25°♌06'35	10.98493 AU
conjunction	-7173 Oct 09 j 03:41	25°♌13'31	2°16'24
minimum elong	-7173 Oct 09 j 03:44	25°♌13'32	2°16'43
morning rise	-7173 Oct 25 j 14:04	27°♌10'14	
	-7173 Nov 20 j 03:54	0°♍	
retrograde	-7172 Feb 05 j 05:31	4°♍23'34	
opposition	-7172 Apr 16 j 04:38	1°♍03'44	2°39'13
min. Earth dist.	-7172 Apr 17 j 00:41	1°♍00'00	8.91941 AU
	-7172 Apr 30 j 17:43	30°℞♌	
direct	-7172 Jun 25 j 05:19	27°♌44'55	
	-7172 Aug 17 j 01:04	0°♍	
evening set	-7172 Oct 03 j 07:24	4°♍52'28	
conjunction	-7172 Oct 19 j 18:39	6°♍51'03	2°02'20
minimum elong	-7172 Oct 19 j 18:42	6°♍51'04	2°02'34
max. Earth dist.	-7172 Oct 18 j 20:40	6°♍44'25	10.84715 AU
morning rise	-7172 Nov 05 j 08:27	8°♍50'30	
retrograde	-7171 Feb 17 j 00:47	16°♍14'58	
opposition	-7171 Apr 28 j 20:13	12°♍53'16	2°18'50
min. Earth dist.	-7171 Apr 29 j 14:38	12°♍49'48	8.77214 AU
direct	-7171 Jul 07 j 07:06	9°♍33'44	
evening set	-7171 Oct 15 j 04:08	16°♍48'27	
conjunction	-7171 Oct 31 j 18:56	18°♍50'01	1°42'37
minimum elong	-7171 Oct 31 j 19:00	18°♍50'02	1°42'46
max. Earth dist.	-7171 Oct 30 j 23:30	18°♍44'02	10.69326 AU
morning rise	-7171 Nov 17 j 13:02	20°♍52'43	
retrograde	-7170 Mar 02 j 07:40	28°♍29'30	
opposition	-7170 May 11 j 20:06	25°♍05'47	1°51'33
min. Earth dist.	-7170 May 12 j 11:32	25°♍02'50	8.61197 AU
direct	-7170 Jul 19 j 13:54	21°♍45'20	
evening set	-7170 Oct 27 j 11:17	29°♍08'29	
	-7170 Nov 03 j 10:34	0°♎	
conjunction	-7170 Nov 13 j 06:23	1°♎13'28	1°17'37
minimum elong	-7170 Nov 13 j 06:26	1°♎13'29	1°17'40
max. Earth dist.	-7170 Nov 12 j 13:30	1°♎08'12	10.52991 AU
morning rise	-7170 Nov 30 j 05:40	3°♎19'51	
retrograde	-7169 Mar 16 j 00:14	11°♎09'43	
opposition	-7169 May 25 j 04:45	7°♎43'57	1°17'56
min. Earth dist.	-7169 May 25 j 17:03	7°♎41'33	8.44614 AU
direct	-7169 Aug 01 j 04:52	4°♎22'22	
evening set	-7169 Nov 09 j 06:29	11°♎55'09	
conjunction	-7169 Nov 26 j 06:27	14°♎03'50	0°48'01
minimum elong	-7169 Nov 26 j 06:29	14°♎03'51	0°47'57
max. Earth dist.	-7169 Nov 25 j 16:44	13°♎59'29	10.36462 AU
morning rise	-7169 Dec 13 j 11:29	16°♎14'11	
retrograde	-7168 Mar 29 j 03:56	24°♎17'24	

Attention, astronomical year style is used: The year -7168 in astronomical counting style is the year 7169 BCE in historical counting style.

opposition	-7168 Jun 06 j 22:27	20°♎49'38	0°38'58
min. Earth dist.	-7168 Jun 07 j 07:22	20°♎47'53	8.28261 AU
direct	-7168 Aug 13 j 06:44	17°♎26'47	
evening set	-7168 Nov 21 j 15:13	25°♎10'05	
conjunction	-7168 Dec 08 j 20:21	27°♎22'35	0°14'57
minimum elong	-7168 Dec 08 j 20:22	27°♎22'35	0°14'46
behind sun begin	-7168 Dec 08 j 17:26	27°♎21'39	
behind sun end	-7168 Dec 08 j 23:18	27°♎23'31	
max. Earth dist.	-7168 Dec 08 j 11:13	27°♎19'38	10.20556 AU
morning rise	-7168 Dec 26 j 07:06	29°♎36'54	
	-7168 Dec 29 j 08:26	0°♏	
retrograde	-7167 Apr 12 j 18:20	7°♏53'04	
desc. node	-7167 May 20 j 13:37	6°♏41'39	
opposition	-7167 Jun 21 j 00:50	4°♏23'31	-0°03'39
min. Earth dist.	-7167 Jun 21 j 05:47	4°♏22'31	8.13008 AU
direct	-7167 Aug 26 j 18:12	0°♏59'18	
evening set	-7167 Dec 05 j 14:15	8°♏53'35	
conjunction	-7167 Dec 23 j 00:38	11°♏09'45	-0°20'04
minimum elong	-7167 Dec 23 j 00:37	11°♏09'45	0°20'20
max. Earth dist.	-7167 Dec 22 j 21:27	11°♏08'43	10.06162 AU
morning rise	-7166 Jan 09 j 16:42	13°♏27'49	
	-7166 Jan 21 j 21:25	15°♏	
retrograde	-7166 Apr 27 j 18:05	21°♏55'38	
opposition	-7166 Jul 05 j 11:12	18°♏24'33	-0°47'35
min. Earth dist.	-7166 Jul 05 j 11:17	18°♏24'32	7.99752 AU
	-7166 Sep 05 j 10:51	15°℞♏	
direct	-7166 Sep 09 j 16:00	14°♏58'58	
	-7166 Sep 13 j 21:20	15°♏	
evening set	-7166 Dec 20 j 03:41	23°♏04'03	
conjunction	-7165 Jan 06 j 18:57	25°♏23'30	-0°54'46
minimum elong	-7165 Jan 06 j 18:54	25°♏23'29	0°55'08
max. Earth dist.	-7165 Jan 06 j 22:12	25°♏24'34	9.94159 AU
morning rise	-7165 Jan 24 j 15:34	27°♏44'44	
	-7165 Feb 11 j 12:34	0°♐	
retrograde	-7165 May 13 j 00:43	6°♐21'53	
opposition	-7165 Jul 20 j 04:05	2°♐49'40	-1°29'53
min. Earth dist.	-7165 Jul 19 j 23:03	2°♐50'42	7.89327 AU
	-7165 Aug 29 j 08:37	30°℞♏	
direct	-7165 Sep 24 j 00:12	29°♏22'45	
	-7165 Oct 19 j 08:32	0°♐	
evening set	-7164 Jan 04 j 06:30	7°♐37'41	
conjunction	-7164 Jan 22 j 01:51	9°♐59'42	-1°26'48
minimum elong	-7164 Jan 22 j 01:47	9°♐59'40	1°27'13
max. Earth dist.	-7164 Jan 22 j 11:25	10°♐02'54	9.85344 AU
morning rise	-7164 Feb 09 j 01:54	12°♐23'17	
retrograde	-7164 May 27 j 10:52	21°♐06'22	
opposition	-7164 Aug 03 j 01:14	17°♐33'31	-2°07'14
min. Earth dist.	-7164 Aug 02 j 15:26	17°♐35'34	7.82452 AU
direct	-7164 Oct 07 j 16:09	14°♐05'24	
evening set	-7163 Jan 18 j 19:54	22°♐28'15	
conjunction	-7163 Feb 05 j 18:26	24°♐51'56	-1°53'36
minimum elong	-7163 Feb 05 j 18:22	24°♐51'55	1°54'03
max. Earth dist.	-7163 Feb 06 j 09:49	24°♐57'06	9.80369 AU
morning rise	-7163 Feb 23 j 20:45	27°♐16'51	
	-7163 Mar 17 j 07:28	0°♑	
retrograde	-7163 Jun 11 j 21:41	6°♑01'41	
min. Earth dist.	-7163 Aug 17 j 10:33	2°♑31'40	7.79638 AU
opposition	-7163 Aug 18 j 00:21	2°♑28'45	-2°36'30
	-7163 Sep 19 j 21:03	30°℞♐	
direct	-7163 Oct 22 j 14:20	28°♐59'36	
	-7163 Nov 24 j 01:06	0°♑	
evening set	-7162 Feb 03 j 15:57	7°♑27'31	

conjunction	-7162 Feb 21 j 16:45	9°♑51'52	-2°12'57
minimum elong	-7162 Feb 21 j 16:42	9°♑51'51	2°13'25
max. Earth dist.	-7162 Feb 22 j 12:49	9°♑58'36	9.79631 AU
morning rise	-7162 Mar 11 j 20:12	12°♑17'02	
retrograde	-7162 Jun 27 j 05:12	20°♑58'58	
opposition	-7162 Sep 01 j 22:26	17°♑26'33	-2°55'09
min. Earth dist.	-7162 Sep 01 j 05:59	17°♑30'01	7.81104 AU
direct	-7162 Nov 06 j 16:29	13°♑56'38	
evening set	-7161 Feb 19 j 14:19	22°♑26'10	
conjunction	-7161 Mar 09 j 16:27	24°♑50'09	-2°23'19
minimum elong	-7161 Mar 09 j 16:26	24°♑50'09	2°23'46
max. Earth dist.	-7161 Mar 10 j 15:36	24°♑57'53	9.83201 AU
morning rise	-7161 Mar 27 j 19:57	27°♑14'28	
	-7161 Apr 18 j 18:35	0°♒	
retrograde	-7161 Jul 12 j 05:44	5°♒49'02	
opposition	-7161 Sep 16 j 16:34	2°♒17'40	-3°01'51
min. Earth dist.	-7161 Sep 15 j 22:41	2°♒21'26	7.86750 AU
	-7161 Oct 16 j 11:59	30°℞♑	
direct	-7161 Nov 21 j 19:44	28°♑47'20	
	-7161 Dec 28 j 00:11	0°♒	
evening set	-7160 Mar 06 j 09:50	7°♒14'49	
conjunction	-7160 Mar 24 j 12:26	9°♒37'29	-2°24'07
minimum elong	-7160 Mar 24 j 12:27	9°♒37'29	2°24'31
max. Earth dist.	-7160 Mar 25 j 13:09	9°♒45'39	9.90829 AU
morning rise	-7160 Apr 11 j 15:03	12°♒00'01	
	-7160 May 05 j 21:09	15°♒	
retrograde	-7160 Jul 25 j 20:30	20°♒23'32	
min. Earth dist.	-7160 Sep 29 j 10:03	16°♒57'31	7.96175 AU
opposition	-7160 Sep 30 j 04:31	16°♒53'39	-2°56'32
	-7160 Oct 24 j 04:25	15°℞♒	
direct	-7160 Dec 05 j 21:34	13°♒23'19	
	-7159 Jan 17 j 06:47	15°♒	
evening set	-7159 Mar 21 j 21:54	21°♒45'15	
conjunction	-7159 Apr 09 j 00:12	24°♒05'50	-2°15'44
minimum elong	-7159 Apr 09 j 00:15	24°♒05'51	2°16'03
max. Earth dist.	-7159 Apr 10 j 00:57	24°♒13'53	10.01967 AU
morning rise	-7159 Apr 27 j 01:12	26°♒25'51	
	-7159 May 26 j 18:25	0°♓	
retrograde	-7159 Aug 08 j 22:15	4°♓35'46	
opposition	-7159 Oct 14 j 08:15	1°♓07'43	-2°40'22
min. Earth dist.	-7159 Oct 13 j 14:01	1°♓11'29	8.08718 AU
	-7159 Oct 28 j 05:54	30°℞♒	
direct	-7159 Dec 20 j 18:00	27°♒37'47	
	-7158 Feb 11 j 07:58	0°♓	
evening set	-7158 Apr 05 j 23:37	5°♓51'23	
conjunction	-7158 Apr 24 j 00:49	8°♓09'18	-1°59'22
minimum elong	-7158 Apr 24 j 00:53	8°♓09'19	1°59'35
max. Earth dist.	-7158 Apr 25 j 00:06	8°♓16'45	10.15843 AU
morning rise	-7158 May 11 j 23:25	10°♓26'15	
retrograde	-7158 Aug 22 j 12:07	18°♓21'17	
min. Earth dist.	-7158 Oct 27 j 09:10	14°♓58'49	8.23545 AU
opposition	-7158 Oct 28 j 02:34	14°♓55'16	-2°15'21
direct	-7157 Jan 04 j 06:07	11°♓26'05	
evening set	-7157 Apr 20 j 12:42	19°♓29'30	
conjunction	-7157 May 08 j 11:59	21°♓44'20	-1°36'43
minimum elong	-7157 May 08 j 12:03	21°♓44'21	1°36'50
max. Earth dist.	-7157 May 09 j 09:00	21°♓50'57	10.31551 AU
morning rise	-7157 May 26 j 07:26	23°♓57'53	
	-7157 Jul 23 j 17:51	0°♈	
retrograde	-7157 Sep 04 j 15:16	1°♈37'58	
	-7157 Oct 18 j 08:07	30°℞♓	
opposition	-7157 Nov 10 j 11:25	28°♓14'01	-1°43'52

Attention, astronomical year style is used: The year -7157 in astronomical counting style is the year 7158 BCE in historical counting style.

min. Earth dist.	-7157 Nov 09 j 19:57	28°♓17'07	8.39743 AU
direct	-7156 Jan 18 j 08:09	24°♓45'52	
	-7156 Apr 10 j 19:14	0°♈	
evening set	-7156 May 03 j 11:59	2°♈38'06	
conjunction	-7156 May 21 j 08:28	4°♈49'38	-1°09'42
minimum elong	-7156 May 21 j 08:31	4°♈49'39	1°09'42
max. Earth dist.	-7156 May 22 j 02:23	4°♈55'11	10.48150 AU
morning rise	-7156 Jun 08 j 00:11	6°♈59'41	
retrograde	-7156 Sep 16 j 06:49	14°♈25'38	
opposition	-7156 Nov 22 j 10:50	11°♈03'44	-1°08'21
min. Earth dist.	-7156 Nov 21 j 22:35	11°♈06'09	8.56395 AU
direct	-7155 Jan 31 j 00:35	7°♈36'46	
evening set	-7155 May 16 j 21:50	15°♈17'45	
conjunction	-7155 Jun 03 j 14:42	17°♈25'55	-0°40'07
minimum elong	-7155 Jun 03 j 14:44	17°♈25'56	0°40'01
max. Earth dist.	-7155 Jun 04 j 03:59	17°♈29'57	10.64721 AU
morning rise	-7155 Jun 21 j 02:19	19°♈32'30	
retrograde	-7155 Sep 28 j 10:59	26°♈45'49	
opposition	-7155 Dec 05 j 01:18	23°♈25'50	-0°30'59
min. Earth dist.	-7155 Dec 04 j 17:22	23°♈27'22	8.72612 AU
direct	-7154 Feb 13 j 07:42	20°♈00'07	
evening set	-7154 May 29 j 18:54	27°♈30'30	
conjunction	-7154 Jun 16 j 07:31	29°♈35'25	-0°09'38
minimum elong	-7154 Jun 16 j 07:31	29°♈35'25	0°09'28
behind sun begin	-7154 Jun 16 j 01:34	29°♈33'39	
behind sun end	-7154 Jun 16 j 13:28	29°♈37'10	
max. Earth dist.	-7154 Jun 16 j 14:49	29°♈37'34	10.80404 AU
	-7154 Jun 19 j 17:47	0°♉	
morning rise	-7154 Jul 03 j 14:50	1°♉38'43	
retrograde	-7154 Oct 10 j 07:16	8°♉41'25	
asc. node	-7154 Oct 13 j 13:40	8°♉40'52	
opposition	-7154 Dec 17 j 08:13	5°♉23'06	0°06'25
min. Earth dist.	-7154 Dec 17 j 04:16	5°♉23'51	8.87587 AU
direct	-7153 Feb 26 j 04:36	1°♉58'44	
evening set	-7153 Jun 11 j 04:19	9°♉19'35	
conjunction	-7153 Jun 28 j 12:22	11°♉21'29	0°20'29
minimum elong	-7153 Jun 28 j 12:21	11°♉21'29	0°20'45
max. Earth dist.	-7153 Jun 28 j 14:09	11°♉22'00	10.94489 AU
morning rise	-7153 Jul 15 j 15:11	13°♉21'51	
	-7153 Jul 30 j 04:11	15°♉	
retrograde	-7153 Oct 21 j 20:07	20°♉16'10	
opposition	-7153 Dec 29 j 08:46	16°♉59'14	0°42'22
min. Earth dist.	-7153 Dec 29 j 08:14	16°♉59'20	9.00715 AU
	-7152 Jan 26 j 14:41	15℞♉	
direct	-7152 Mar 09 j 17:09	13°♉36'11	
	-7152 Apr 21 j 04:48	15°♉	
evening set	-7152 Jun 22 j 03:45	20°♉48'49	
conjunction	-7152 Jul 09 j 07:13	22°♉48'03	0°48'58
minimum elong	-7152 Jul 09 j 07:11	22°♉48'02	0°49'19
max. Earth dist.	-7152 Jul 09 j 04:53	22°♉47'22	11.06489 AU
morning rise	-7152 Jul 26 j 05:30	24°♉45'50	
	-7152 Sep 18 j 15:17	0°♊	
retrograde	-7152 Nov 01 j 06:32	1°♊33'56	
	-7152 Dec 16 j 04:24	30℞♉	
opposition	-7151 Jan 09 j 04:16	28°♉18'05	1°15'43
min. Earth dist.	-7151 Jan 09 j 07:24	28°♉17'30	9.11588 AU
direct	-7151 Mar 21 j 21:36	24°♉56'13	
	-7151 Jun 15 j 04:16	0°♊	
evening set	-7151 Jul 03 j 18:53	2°♊02'03	
conjunction	-7151 Jul 20 j 17:46	3°♊59'00	1°15'00
minimum elong	-7151 Jul 20 j 17:44	3°♊58'59	1°15'25
max. Earth dist.	-7151 Jul 20 j 11:25	3°♊57'10	11.16052 AU
morning rise	-7151 Aug 06 j 11:46	5°♊54'38	
retrograde	-7151 Nov 12 j 11:51	12°♊38'36	
opposition	-7150 Jan 20 j 20:24	9°♊23'27	1°45'32
min. Earth dist.	-7150 Jan 21 j 03:56	9°♊22'04	9.19887 AU
direct	-7150 Apr 02 j 18:06	6°♊02'37	
evening set	-7150 Jul 15 j 03:21	13°♊03'07	
conjunction	-7150 Jul 31 j 21:44	14°♊58'12	1°37'51
minimum elong	-7150 Jul 31 j 21:41	14°♊58'11	1°38'19
max. Earth dist.	-7150 Jul 31 j 10:30	14°♊54'58	11.22905 AU
morning rise	-7150 Aug 17 j 12:00	16°♊52'10	
retrograde	-7150 Nov 23 j 15:24	23°♊34'04	
opposition	-7149 Feb 01 j 10:20	20°♊19'15	2°11'04
min. Earth dist.	-7149 Feb 01 j 21:27	20°♊17'13	9.25378 AU
direct	-7149 Apr 14 j 11:54	16°♊59'14	
evening set	-7149 Jul 26 j 06:39	23°♊55'54	
conjunction	-7149 Aug 11 j 21:08	25°♊49'37	1°56'55
minimum elong	-7149 Aug 11 j 21:05	25°♊49'36	1°57'24
max. Earth dist.	-7149 Aug 11 j 06:18	25°♊45'21	11.26873 AU
morning rise	-7149 Aug 28 j 08:18	27°♊42'25	
	-7149 Sep 18 j 15:01	0°♋	
retrograde	-7149 Dec 04 j 19:27	4°♋24'13	
opposition	-7148 Feb 12 j 23:22	1°♋09'21	2°31'45
min. Earth dist.	-7148 Feb 13 j 12:47	1°♋06'55	9.27907 AU
	-7148 Feb 29 j 04:22	30℞♊	
direct	-7148 Apr 25 j 01:13	27°♊50'00	
	-7148 Jun 17 j 19:42	0°♋	
evening set	-7148 Aug 05 j 06:19	4°♋44'16	
conjunction	-7148 Aug 21 j 17:45	6°♋37'09	2°11'43
minimum elong	-7148 Aug 21 j 17:43	6°♋37'08	2°12'12
max. Earth dist.	-7148 Aug 21 j 01:00	6°♋32'20	11.27840 AU
morning rise	-7148 Sep 07 j 02:25	8°♋29'20	
retrograde	-7148 Dec 15 j 02:03	15°♋12'58	
opposition	-7147 Feb 23 j 12:54	11°♋57'43	2°47'02
min. Earth dist.	-7147 Feb 24 j 04:24	11°♋54'54	9.27393 AU
direct	-7147 May 06 j 12:02	8°♋38'48	
evening set	-7147 Aug 16 j 04:26	15°♋32'13	
conjunction	-7147 Sep 01 j 13:28	17°♋24'49	2°21'50
minimum elong	-7147 Sep 01 j 13:27	17°♋24'48	2°22'18
max. Earth dist.	-7147 Aug 31 j 18:16	17°♋19'16	11.25781 AU
morning rise	-7147 Sep 17 j 20:34	19°♋16'58	
retrograde	-7147 Dec 26 j 11:52	26°♋04'15	
opposition	-7146 Mar 07 j 04:22	22°♋48'20	2°56'30
min. Earth dist.	-7146 Mar 07 j 22:19	22°♋45'04	9.23865 AU
direct	-7146 May 17 j 20:56	19°♋29'40	
evening set	-7146 Aug 27 j 02:36	26°♋23'44	
conjunction	-7146 Sep 12 j 10:07	28°♋16'37	2°26'56
minimum elong	-7146 Sep 12 j 10:06	28°♋16'37	2°27'22
max. Earth dist.	-7146 Sep 11 j 12:29	28°♋10'20	11.20782 AU
	-7146 Sep 27 j 08:02	0°♌	
morning rise	-7146 Sep 28 j 16:52	0°♌09'22	
retrograde	-7145 Jan 07 j 00:46	7°♌02'09	
opposition	-7145 Mar 18 j 23:11	3°♌45'14	2°59'43
min. Earth dist.	-7145 Mar 19 j 18:44	3°♌41'40	9.17441 AU
direct	-7145 May 29 j 07:23	0°♌26'36	
evening set	-7145 Sep 07 j 02:22	7°♌22'49	
max. Earth dist.	-7145 Sep 22 j 11:26	9°♌10'07	11.12993 AU
conjunction	-7145 Sep 23 j 09:37	9°♌16'38	2°26'41
minimum elong	-7145 Sep 23 j 09:38	9°♌16'38	2°27'05
morning rise	-7145 Oct 09 j 17:02	11°♌10'34	
	-7145 Nov 15 j 03:55	15°♌	

Attention, astronomical year style is used: The year -7144 in astronomical counting style is the year 7145 BCE in historical counting style.

retrograde	-7144 Jan 18 j 22:40	18°♌10'38	
	-7144 Mar 28 j 05:17	15°℞♌	
opposition	-7144 Mar 29 j 22:25	14°♌52'27	2°56'21
min. Earth dist.	-7144 Mar 30 j 17:53	14°♌48'53	9.08303 AU
direct	-7144 Jun 08 j 20:57	11°♌33'42	
	-7144 Aug 14 j 22:56	15°♌	
evening set	-7144 Sep 17 j 05:54	18°♌33'31	
conjunction	-7144 Oct 03 j 14:05	20°♌28'53	2°20'52
minimum elong	-7144 Oct 03 j 14:07	20°♌28'53	2°21'13
max. Earth dist.	-7144 Oct 02 j 16:24	20°♌22'27	11.02636 AU
morning rise	-7144 Oct 19 j 23:11	22°♌24'39	
retrograde	-7143 Jan 30 j 03:49	29°♌33'36	
opposition	-7143 Apr 11 j 03:18	26°♌13'57	2°46'07
min. Earth dist.	-7143 Apr 11 j 22:04	26°♌10'29	8.96732 AU
direct	-7143 Jun 20 j 11:46	22°♌54'54	
evening set	-7143 Sep 28 j 15:05	29°♌59'49	
	-7143 Sep 28 j 15:43	0°♍	
max. Earth dist.	-7143 Oct 14 j 03:41	1°♍50'52	10.90053 AU
conjunction	-7143 Oct 15 j 01:09	1°♍57'19	2°09'20
minimum elong	-7143 Oct 15 j 01:12	1°♍57'20	2°09'36
morning rise	-7143 Oct 31 j 13:11	3°♍55'31	
retrograde	-7142 Feb 11 j 18:38	11°♍14'54	
opposition	-7142 Apr 23 j 15:27	7°♍53'37	2°28'50
min. Earth dist.	-7142 Apr 24 j 09:21	7°♍50'16	8.83130 AU
direct	-7142 Jul 02 j 08:48	4°♍34'05	
evening set	-7142 Oct 10 j 07:41	11°♍45'29	
conjunction	-7142 Oct 26 j 20:40	13°♍45'41	1°52'05
minimum elong	-7142 Oct 26 j 20:43	13°♍45'42	1°52'16
max. Earth dist.	-7142 Oct 26 j 00:03	13°♍39'24	10.75697 AU
morning rise	-7142 Nov 12 j 12:50	15°♍46'55	
retrograde	-7141 Feb 24 j 19:13	23°♍18'03	
opposition	-7141 May 06 j 11:35	19°♍55'00	2°04'32
min. Earth dist.	-7141 May 07 j 04:10	19°♍51'51	8.68016 AU
direct	-7141 Jul 14 j 12:14	16°♍34'46	
evening set	-7141 Oct 22 j 09:54	23°♍54'02	
max. Earth dist.	-7141 Nov 07 j 09:07	25°♍51'56	10.60124 AU
conjunction	-7141 Nov 08 j 02:54	25°♍57'27	1°29'21
minimum elong	-7141 Nov 08 j 02:57	25°♍57'28	1°29'26
morning rise	-7141 Nov 24 j 23:55	28°♍02'10	
	-7141 Dec 11 j 15:34	0°♎	
retrograde	-7140 Mar 09 j 06:09	5°♎46'02	
opposition	-7140 May 18 j 16:07	2°♎21'08	1°33'35
min. Earth dist.	-7140 May 19 j 05:54	2°♎18'29	8.52022 AU
	-7140 Jun 21 j 12:53	30°℞♍	
direct	-7140 Jul 26 j 00:34	29°♍00'04	
	-7140 Aug 28 j 16:19	0°♎	
evening set	-7140 Nov 02 j 23:28	6°♎28'27	
conjunction	-7140 Nov 19 j 21:15	8°♎35'26	1°01'39
minimum elong	-7140 Nov 19 j 21:18	8°♎35'27	1°01'38
max. Earth dist.	-7140 Nov 19 j 07:32	8°♎31'07	10.44006 AU
morning rise	-7140 Dec 06 j 23:37	10°♎43'58	
retrograde	-7139 Mar 23 j 05:49	18°♎41'09	
opposition	-7139 Jun 01 j 05:50	15°♎14'25	0°56'47
min. Earth dist.	-7139 Jun 01 j 15:34	15°♎12'31	8.35884 AU
direct	-7139 Aug 07 j 21:56	11°♎52'23	
evening set	-7139 Nov 16 j 01:59	19°♎30'49	
conjunction	-7139 Dec 03 j 04:52	21°♎41'34	0°29'54
minimum elong	-7139 Dec 03 j 04:54	21°♎41'35	0°29'47
max. Earth dist.	-7139 Dec 02 j 19:49	21°♎38'41	10.28128 AU
morning rise	-7139 Dec 20 j 12:52	23°♎54'04	
	-7138 Feb 15 j 15:02	0°♏	
retrograde	-7138 Apr 06 j 17:10	2°♏04'27	
	-7138 May 28 j 00:55	30°℞♎	
opposition	-7138 Jun 15 j 04:38	28°♎36'00	0°15'30
min. Earth dist.	-7138 Jun 15 j 09:43	28°♎34'59	8.20441 AU
direct	-7138 Aug 21 j 03:47	25°♎12'51	
desc. node	-7138 Oct 29 j 02:03	29°♎16'14	
	-7138 Nov 04 j 17:32	0°♏	
evening set	-7138 Nov 29 j 18:50	3°♏02'01	
conjunction	-7138 Dec 17 j 02:54	5°♏16'29	-0°04'34
minimum elong	-7138 Dec 17 j 02:52	5°♏16'29	0°04'47
behind sun begin	-7138 Dec 16 j 19:50	5°♏14'13	
behind sun end	-7138 Dec 17 j 09:54	5°♏18'44	
max. Earth dist.	-7138 Dec 16 j 22:28	5°♏15'05	10.13350 AU
morning rise	-7137 Jan 03 j 16:27	7°♏32'48	
	-7137 Mar 19 j 21:19	15°♏	
retrograde	-7137 Apr 21 j 13:50	15°♏55'25	
	-7137 May 24 j 11:02	15°℞♏	
opposition	-7137 Jun 29 j 11:42	12°♏25'28	-0°28'11
min. Earth dist.	-7137 Jun 29 j 12:24	12°♏25'19	8.06570 AU
direct	-7137 Sep 03 j 20:29	9°♏01'05	
	-7137 Nov 28 j 00:27	15°♏	
evening set	-7137 Dec 14 j 02:13	17°♏01'04	
conjunction	-7137 Dec 31 j 15:09	19°♏18'57	-0°39'37
minimum elong	-7137 Dec 31 j 15:07	19°♏18'57	0°39'56
max. Earth dist.	-7137 Dec 31 j 15:50	19°♏19'11	10.00535 AU
morning rise	-7136 Jan 18 j 09:45	21°♏38'42	
	-7136 Apr 21 j 01:19	0°♐	
retrograde	-7136 May 05 j 17:54	0°♐11'35	
	-7136 May 20 j 09:08	30°℞♏	
opposition	-7136 Jul 13 j 01:59	26°♏40'26	-1°11'34
min. Earth dist.	-7136 Jul 12 j 22:38	26°♏41'07	7.95095 AU
direct	-7136 Sep 17 j 00:23	23°♏14'45	
	-7136 Dec 16 j 22:10	0°♐	
evening set	-7136 Dec 27 j 23:12	1°♐24'56	
conjunction	-7135 Jan 14 j 16:29	3°♐45'40	-1°13'07
minimum elong	-7135 Jan 14 j 16:25	3°♐45'39	1°13'31
max. Earth dist.	-7135 Jan 14 j 22:39	3°♐47'43	9.90454 AU
morning rise	-7135 Feb 01 j 15:05	6°♐08'06	
retrograde	-7135 May 21 j 02:12	14°♐48'24	
opposition	-7135 Jul 27 j 21:31	11°♐16'26	-1°51'28
min. Earth dist.	-7135 Jul 27 j 14:19	11°♐17'56	7.86701 AU
direct	-7135 Oct 01 j 13:25	7°♐49'28	
evening set	-7134 Jan 12 j 07:59	16°♐08'27	
conjunction	-7134 Jan 30 j 04:55	18°♐31'16	-1°42'30
minimum elong	-7134 Jan 30 j 04:51	18°♐31'15	1°42'57
max. Earth dist.	-7134 Jan 30 j 16:18	18°♐35'05	9.83715 AU
morning rise	-7134 Feb 17 j 06:24	20°♐55'31	
retrograde	-7134 Jun 05 j 12:39	29°♐39'34	
opposition	-7134 Aug 11 j 19:57	26°♐07'18	-2°24'37
min. Earth dist.	-7134 Aug 11 j 09:17	26°♐09'32	7.81895 AU
direct	-7134 Oct 16 j 09:21	22°♐39'11	
	-7133 Jan 19 j 18:11	0°♑	
evening set	-7133 Jan 28 j 01:34	1°♑04'47	
conjunction	-7133 Feb 15 j 01:18	3°♑28'48	-2°05'22
minimum elong	-7133 Feb 15 j 01:15	3°♑28'46	2°05'51
max. Earth dist.	-7133 Feb 15 j 17:35	3°♑34'16	9.80791 AU
morning rise	-7133 Mar 05 j 04:25	5°♑53'50	
retrograde	-7133 Jun 20 j 22:00	14°♑37'21	
opposition	-7133 Aug 26 j 18:52	11°♑05'17	-2°48'12
min. Earth dist.	-7133 Aug 26 j 04:49	11°♑08'14	7.81082 AU
direct	-7133 Oct 31 j 10:34	7°♑36'14	
evening set	-7132 Feb 12 j 23:36	16°♑05'21	

Attention, astronomical year style is used: The year -7132 in astronomical counting style is the year 7133 BCE in historical counting style.

conjunction	-7132 Mar 02 j 01:11	18°♒29'31	-2°19'50
minimum elong	-7132 Mar 02 j 01:09	18°♒29'30	2°20'18
max. Earth dist.	-7132 Mar 02 j 21:50	18°♒36'26	9.82023 AU
morning rise	-7132 Mar 20 j 04:43	20°♒54'16	
retrograde	-7132 Jul 05 j 02:01	29°♒32'40	
opposition	-7132 Sep 09 j 15:16	26°♒01'16	-3°00'17
min. Earth dist.	-7132 Sep 08 j 22:25	26°♒04'49	7.84442 AU
direct	-7132 Nov 14 j 14:03	22°♒31'33	
	-7131 Feb 20 j 01:20	0°♓	
evening set	-7131 Feb 27 j 21:08	1°♓00'27	
conjunction	-7131 Mar 17 j 23:43	3°♓23'48	-2°24'53
minimum elong	-7131 Mar 17 j 23:43	3°♓23'48	2°25'19
max. Earth dist.	-7131 Mar 18 j 23:23	3°♓31'40	9.87430 AU
morning rise	-7131 Apr 05 j 02:44	5°♓47'14	
retrograde	-7131 Jul 19 j 21:49	14°♓16'20	
opposition	-7131 Sep 24 j 06:29	10°♓46'03	-3°00'14
min. Earth dist.	-7131 Sep 23 j 12:10	10°♓49'53	7.91793 AU
direct	-7131 Nov 29 j 16:52	7°♓15'58	
	-7130 Mar 10 j 05:06	15°♓	
evening set	-7130 Mar 15 j 13:23	15°♓40'57	
conjunction	-7130 Apr 02 j 16:07	18°♓02'37	-2°20'28
minimum elong	-7130 Apr 02 j 16:10	18°♓02'37	2°20'49
max. Earth dist.	-7130 Apr 03 j 16:59	18°♓10'46	9.96639 AU
morning rise	-7130 Apr 20 j 17:50	20°♓23'53	
retrograde	-7130 Aug 03 j 06:13	28°♓40'27	
opposition	-7130 Oct 08 j 14:22	25°♓11'39	-2°48'42
min. Earth dist.	-7130 Oct 07 j 20:01	25°♓15'28	8.02600 AU
direct	-7130 Dec 14 j 15:41	21°♓41'34	
evening set	-7129 Mar 30 j 20:32	29°♓59'28	
	-7129 Mar 30 j 22:14	0°♈	
conjunction	-7129 Apr 17 j 22:29	2°♈18'43	-2°07'27
minimum elong	-7129 Apr 17 j 22:32	2°♈18'45	2°07'42
max. Earth dist.	-7129 Apr 18 j 22:38	2°♈26'32	10.08973 AU
morning rise	-7129 May 05 j 22:06	4°♈37'10	
retrograde	-7129 Aug 17 j 02:15	12°♈39'18	
opposition	-7129 Oct 22 j 13:19	9°♈12'15	-2°27'19
min. Earth dist.	-7129 Oct 21 j 20:20	9°♈15'45	8.16110 AU
direct	-7129 Dec 29 j 07:37	5°♈42'32	
evening set	-7128 Apr 13 j 15:38	13°♈51'00	
conjunction	-7128 May 01 j 15:54	16°♈07'21	-1°47'21
minimum elong	-7128 May 01 j 15:59	16°♈07'22	1°47'30
max. Earth dist.	-7128 May 02 j 13:34	16°♈14'13	10.23591 AU
morning rise	-7128 May 19 j 12:50	18°♈22'33	
retrograde	-7128 Aug 29 j 10:02	26°♈09'37	
min. Earth dist.	-7128 Nov 03 j 11:42	22°♈47'30	8.31455 AU
opposition	-7128 Nov 04 j 02:39	22°♈44'28	-1°58'24
direct	-7127 Jan 11 j 15:04	19°♈15'27	
evening set	-7127 Apr 27 j 21:08	27°♈13'05	
conjunction	-7127 May 15 j 18:56	29°♈26'13	-1°22'01
minimum elong	-7127 May 15 j 18:59	29°♈26'15	1°22'04
max. Earth dist.	-7127 May 16 j 12:46	29°♈31'47	10.39577 AU
	-7127 May 20 j 07:17	0°♈	
morning rise	-7127 Jun 02 j 12:36	1°♈38'00	
retrograde	-7127 Sep 11 j 05:11	9°♈10'25	
opposition	-7127 Nov 17 j 06:12	5°♈47'12	-1°24'22
min. Earth dist.	-7127 Nov 16 j 17:27	5°♈49'45	8.47720 AU
direct	-7126 Jan 25 j 13:25	2°♈19'10	
evening set	-7126 May 11 j 12:59	10°♈05'32	
conjunction	-7126 May 29 j 07:34	12°♈15'19	-0°53'20
minimum elong	-7126 May 29 j 07:36	12°♈15'20	0°53'17
max. Earth dist.	-7126 May 29 j 21:27	12°♈19'35	10.56021 AU
morning rise	-7126 Jun 15 j 21:20	14°♈23'36	
retrograde	-7126 Sep 23 j 13:25	21°♈42'40	
opposition	-7126 Nov 30 j 00:28	18°♈21'19	-0°47'33
min. Earth dist.	-7126 Nov 29 j 14:17	18°♈23'19	8.64043 AU
direct	-7125 Feb 08 j 01:35	14°♈54'28	
evening set	-7125 May 24 j 15:32	22°♈29'49	
conjunction	-7125 Jun 11 j 06:17	24°♈36'18	-0°23'03
minimum elong	-7125 Jun 11 j 06:18	24°♈36'19	0°22'54
max. Earth dist.	-7125 Jun 11 j 16:24	24°♈39'21	10.72100 AU
morning rise	-7125 Jun 28 j 15:39	26°♈41'11	
	-7125 Jul 28 j 16:53	0°♉	
retrograde	-7125 Oct 05 j 14:26	3°♉48'41	
opposition	-7125 Dec 12 j 10:41	0°♉29'03	-0°09'56
min. Earth dist.	-7125 Dec 12 j 03:47	0°♉30'23	8.79663 AU
	-7125 Dec 18 j 17:41	30°℞♈	
direct	-7124 Feb 21 j 01:46	27°♈03'32	
asc. node	-7124 Mar 21 j 17:38	27°♈46'05	
	-7124 Apr 23 j 08:13	0°♉	
evening set	-7124 Jun 05 j 05:44	4°♉28'39	
conjunction	-7124 Jun 22 j 16:05	6°♉31'59	0°07'26
minimum elong	-7124 Jun 22 j 16:05	6°♉31'59	0°07'39
behind sun begin	-7124 Jun 22 j 09:38	6°♉30'06	
behind sun end	-7124 Jun 22 j 22:32	6°♉33'53	
max. Earth dist.	-7124 Jun 22 j 22:08	6°♉33'46	10.87104 AU
morning rise	-7124 Jul 09 j 20:53	8°♉33'44	
	-7124 Sep 21 j 13:14	15°♉	
retrograde	-7124 Oct 16 j 06:23	15°♉31'40	
	-7124 Nov 10 j 05:20	15°℞♉	
opposition	-7124 Dec 23 j 13:48	12°♉13'35	0°26'50
min. Earth dist.	-7124 Dec 23 j 11:11	12°♉14'05	8.93931 AU
direct	-7123 Mar 04 j 16:52	8°♉49'24	
	-7123 Jun 07 j 17:11	15°♉	
evening set	-7123 Jun 17 j 09:21	16°♉05'32	
conjunction	-7123 Jul 04 j 14:56	18°♉05'58	0°36'41
minimum elong	-7123 Jul 04 j 14:54	18°♉05'58	0°37'00
max. Earth dist.	-7123 Jul 04 j 15:35	18°♉06'10	11.00442 AU
morning rise	-7123 Jul 21 j 15:16	20°♉04'55	
retrograde	-7123 Oct 27 j 16:20	26°♉55'25	
opposition	-7122 Jan 04 j 11:01	23°♉38'39	1°01'26
min. Earth dist.	-7122 Jan 04 j 12:21	23°♉38'24	9.06301 AU
direct	-7122 Mar 17 j 00:56	20°♉15'48	
evening set	-7122 Jun 29 j 03:45	27°♉24'20	
conjunction	-7122 Jul 16 j 04:33	29°♉22'15	1°03'53
minimum elong	-7122 Jul 16 j 04:31	29°♉22'14	1°04'16
max. Earth dist.	-7122 Jul 16 j 00:18	29°♉21'00	11.11640 AU
	-7122 Jul 21 j 14:36	0°♊	
morning rise	-7122 Aug 02 j 00:35	1°♊18'47	
retrograde	-7122 Nov 07 j 22:13	8°♊04'03	
opposition	-7121 Jan 16 j 04:04	4°♊48'17	1°32'52
min. Earth dist.	-7121 Jan 16 j 08:21	4°♊47'29	9.16337 AU
direct	-7121 Mar 29 j 01:15	1°♊26'43	
evening set	-7121 Jul 10 j 14:24	8°♊29'05	
conjunction	-7121 Jul 27 j 10:47	10°♊24'53	1°28'11
minimum elong	-7121 Jul 27 j 10:44	10°♊24'52	1°28'38
max. Earth dist.	-7121 Jul 27 j 03:16	10°♊22'43	11.20317 AU
morning rise	-7121 Aug 13 j 02:41	12°♊19'28	
retrograde	-7121 Nov 19 j 03:34	19°♊01'39	
opposition	-7120 Jan 27 j 18:17	15°♊46'34	2°00'20
min. Earth dist.	-7120 Jan 28 j 01:40	15°♊45'12	9.23703 AU
direct	-7120 Apr 08 j 20:00	12°♊26'09	
evening set	-7120 Jul 20 j 19:21	19°♊23'52	

Attention, astronomical year style is used: The year -7120 in astronomical counting style is the year 7121 BCE in historical counting style.

conjunction	-7120 Aug 06 j 11:38	21°♊18'02	1°48'57
minimum elong	-7120 Aug 06 j 11:35	21°♊18'01	1°49'25
max. Earth dist.	-7120 Aug 06 j 00:46	21°♊14'55	11.26195 AU
morning rise	-7120 Aug 22 j 23:58	23°♊11'10	
retrograde	-7120 Nov 29 j 07:13	29°♊52'13	
opposition	-7119 Feb 07 j 06:57	26°♊37'31	2°23'10
min. Earth dist.	-7119 Feb 07 j 18:06	26°♊35'29	9.28173 AU
direct	-7119 Apr 20 j 08:05	23°♊18'03	
	-7119 Jul 29 j 22:55	0°♋	
evening set	-7119 Jul 31 j 20:16	0°♋12'41	
conjunction	-7119 Aug 17 j 08:53	2°♋05'43	2°05'40
minimum elong	-7119 Aug 17 j 08:50	2°♋05'42	2°06'09
max. Earth dist.	-7119 Aug 16 j 17:54	2°♋01'25	11.29101 AU
morning rise	-7119 Sep 02 j 18:31	3°♋57'58	
retrograde	-7119 Dec 10 j 11:09	10°♋39'53	
opposition	-7118 Feb 18 j 19:45	7°♋25'10	2°40'50
min. Earth dist.	-7118 Feb 19 j 10:10	7°♋22'33	9.29602 AU
direct	-7118 May 01 j 19:57	4°♋06'26	
evening set	-7118 Aug 11 j 18:33	10°♋59'28	
max. Earth dist.	-7118 Aug 27 j 10:33	12°♋46'47	11.28946 AU
conjunction	-7118 Aug 28 j 04:21	12°♋51'55	2°17'53
minimum elong	-7118 Aug 28 j 04:19	12°♋51'54	2°18'21
morning rise	-7118 Sep 13 j 12:05	14°♋43'49	
retrograde	-7118 Dec 21 j 19:13	21°♋28'31	
opposition	-7117 Mar 02 j 09:49	18°♋13'25	2°52'52
min. Earth dist.	-7117 Mar 03 j 01:54	18°♋10'30	9.27932 AU
direct	-7117 May 13 j 06:14	14°♋55'12	
evening set	-7117 Aug 22 j 16:04	21°♋48'05	
max. Earth dist.	-7117 Sep 07 j 05:03	23°♋35'01	11.25714 AU
conjunction	-7117 Sep 08 j 00:09	23°♋40'32	2°25'13
minimum elong	-7117 Sep 08 j 00:08	23°♋40'32	2°25'40
morning rise	-7117 Sep 24 j 06:47	25°♋32'42	
	-7117 Nov 07 j 20:22	0°♌	
retrograde	-7116 Jan 02 j 07:09	2°♌21'58	
	-7116 Feb 29 j 13:54	30°℞♋	
opposition	-7116 Mar 13 j 02:24	29°♋06'08	2°58'52
min. Earth dist.	-7116 Mar 13 j 19:53	29°♋02'57	9.23185 AU
direct	-7116 May 23 j 15:02	25°♋48'10	
	-7116 Aug 07 j 12:08	0°♌	
evening set	-7116 Sep 01 j 14:34	2°♌42'23	
conjunction	-7116 Sep 17 j 21:49	4°♌35'27	2°27'22
minimum elong	-7116 Sep 17 j 21:49	4°♌35'27	2°27'48
max. Earth dist.	-7116 Sep 17 j 00:52	4°♌29'21	11.19463 AU
morning rise	-7116 Oct 04 j 04:34	6°♌28'30	
retrograde	-7115 Jan 13 j 01:04	13°♌24'05	
opposition	-7115 Mar 24 j 22:58	10°♌07'13	2°58'28
min. Earth dist.	-7115 Mar 25 j 18:14	10°♌03'42	9.15446 AU
direct	-7115 Jun 04 j 01:38	6°♌49'13	
evening set	-7115 Sep 12 j 15:50	13°♌46'18	
	-7115 Sep 23 j 05:07	15°♌	
conjunction	-7115 Sep 28 j 23:12	15°♌40'35	2°24'04
minimum elong	-7115 Sep 28 j 23:13	15°♌40'36	2°24'26
max. Earth dist.	-7115 Sep 28 j 00:13	15°♌33'49	11.10324 AU
morning rise	-7115 Oct 15 j 07:19	17°♌35'10	
retrograde	-7114 Jan 25 j 00:11	24°♌38'51	
opposition	-7114 Apr 06 j 00:45	21°♌20'37	2°51'21
min. Earth dist.	-7114 Apr 06 j 21:12	21°♌16'51	9.04900 AU
direct	-7114 Jun 15 j 14:42	18°♌02'22	
evening set	-7114 Sep 23 j 21:41	25°♌03'53	
max. Earth dist.	-7114 Oct 09 j 07:38	26°♌53'14	10.98552 AU
conjunction	-7114 Oct 10 j 06:32	27°♌00'03	2°15'08
minimum elong	-7114 Oct 10 j 06:35	27°♌00'04	2°15'26
morning rise	-7114 Oct 26 j 17:04	28°♌56'47	
	-7114 Nov 04 j 20:54	0°♍	
retrograde	-7113 Feb 06 j 10:11	6°♍10'18	
opposition	-7113 Apr 18 j 08:56	2°♍50'25	2°37'18
min. Earth dist.	-7113 Apr 19 j 04:44	2°♍46'45	8.91903 AU
	-7113 Jun 03 j 07:36	30°℞♌	
direct	-7113 Jun 27 j 10:37	29°♌31'40	
	-7113 Jul 21 j 02:34	0°♍	
evening set	-7113 Oct 05 j 10:05	6°♍39'06	
conjunction	-7113 Oct 21 j 21:37	8°♍37'47	2°00'30
minimum elong	-7113 Oct 21 j 21:41	8°♍37'48	2°00'43
max. Earth dist.	-7113 Oct 21 j 00:11	8°♍31'17	10.84581 AU
morning rise	-7113 Nov 07 j 11:35	10°♍37'18	
retrograde	-7112 Feb 19 j 06:16	18°♍02'04	
opposition	-7112 Apr 30 j 00:37	14°♍40'20	2°16'15
min. Earth dist.	-7112 Apr 30 j 18:29	14°♍36'58	8.76973 AU
direct	-7112 Jul 08 j 09:52	11°♍20'52	
evening set	-7112 Oct 16 j 07:14	18°♍35'38	
conjunction	-7112 Nov 01 j 22:16	20°♍37'19	1°40'17
minimum elong	-7112 Nov 01 j 22:20	20°♍37'20	1°40'24
max. Earth dist.	-7112 Nov 01 j 02:15	20°♍31'10	10.68988 AU
morning rise	-7112 Nov 18 j 16:42	22°♍40'09	
	-7111 Feb 12 j 19:55	0°♎	
retrograde	-7111 Mar 03 j 12:10	0°♎17'20	
	-7111 Mar 22 j 06:32	30°℞♍	
opposition	-7111 May 13 j 00:37	26°♍53'36	1°48'23
min. Earth dist.	-7111 May 13 j 16:16	26°♍50'37	8.60751 AU
direct	-7111 Jul 20 j 16:52	23°♍33'10	
	-7111 Oct 20 j 19:16	0°♎	
evening set	-7111 Oct 28 j 14:52	0°♎56'36	
conjunction	-7111 Nov 14 j 10:11	3°♎01'44	1°14'50
minimum elong	-7111 Nov 14 j 10:14	3°♎01'45	1°14'52
max. Earth dist.	-7111 Nov 13 j 16:20	2°♎56'09	10.52461 AU
morning rise	-7111 Dec 01 j 09:55	5°♎08'18	
retrograde	-7110 Mar 17 j 05:37	12°♎58'43	
opposition	-7110 May 26 j 09:44	9°♎32'55	1°14'15
min. Earth dist.	-7110 May 26 j 22:45	9°♎30'24	8.43985 AU
direct	-7110 Aug 02 j 09:17	6°♎11'20	
evening set	-7110 Nov 10 j 10:37	13°♎44'32	
conjunction	-7110 Nov 27 j 10:55	15°♎53'26	0°44'54
minimum elong	-7110 Nov 27 j 10:57	15°♎53'26	0°44'49
max. Earth dist.	-7110 Nov 26 j 20:54	15°♎48'58	10.35767 AU
morning rise	-7110 Dec 14 j 16:23	18°♎04'00	
retrograde	-7109 Mar 31 j 10:15	26°♎07'54	
opposition	-7109 Jun 09 j 03:55	22°♎40'06	0°34'56
min. Earth dist.	-7109 Jun 09 j 13:24	22°♎38'14	8.27494 AU
direct	-7109 Aug 15 j 11:03	19°♎17'12	
evening set	-7109 Nov 23 j 20:14	27°♎01'06	
conjunction	-7109 Dec 11 j 01:51	29°♎13'50	0°11'37
minimum elong	-7109 Dec 11 j 01:51	29°♎13'50	0°11'26
behind sun begin	-7109 Dec 10 j 20:39	29°♎12'10	
behind sun end	-7109 Dec 11 j 07:03	29°♎15'30	
max. Earth dist.	-7109 Dec 10 j 17:09	29°♎11'02	10.19744 AU
	-7109 Dec 17 j 00:40	0°♏	
morning rise	-7109 Dec 28 j 12:55	1°♏28'23	
retrograde	-7108 Apr 14 j 00:51	9°♏45'19	
desc. node	-7108 Apr 15 j 15:41	9°♏45'10	
opposition	-7108 Jun 22 j 06:45	6°♏15'41	-0°07'51
min. Earth dist.	-7108 Jun 22 j 11:40	6°♏14'42	8.12158 AU
direct	-7108 Aug 27 j 23:44	2°♏51'25	
evening set	-7108 Dec 06 j 20:20	10°♏46'27	

Attention, astronomical year style is used: The year -7108 in astronomical counting style is the year 7109 BCE in historical counting style.

conjunction	-7108 Dec 24 j 07:09	13°♏02'52	-0°23'25
minimum elong	-7108 Dec 24 j 07:08	13°♏02'52	0°23'42
max. Earth dist.	-7108 Dec 24 j 04:34	13°♏02'01	10.05286 AU
	-7107 Jan 08 j 05:48	15°♏	
morning rise	-7107 Jan 10 j 23:26	15°♏21'09	
retrograde	-7107 Apr 29 j 01:08	23°♏49'45	
opposition	-7107 Jul 06 j 17:41	20°♏18'35	-0°51'43
min. Earth dist.	-7107 Jul 06 j 17:15	20°♏18'41	7.98877 AU
direct	-7107 Sep 10 j 22:26	16°♏52'57	
evening set	-7107 Dec 21 j 10:49	24°♏58'51	
conjunction	-7106 Jan 08 j 02:22	27°♏18'32	-0°57'57
minimum elong	-7106 Jan 08 j 02:19	27°♏18'31	0°58'19
max. Earth dist.	-7106 Jan 08 j 05:55	27°♏19'42	9.93292 AU
morning rise	-7106 Jan 25 j 23:09	29°♏39'58	
	-7106 Jan 28 j 12:59	0°♐	
retrograde	-7106 May 14 j 08:36	8°♐17'52	
opposition	-7106 Jul 21 j 11:10	4°♐45'35	-1°33'40
min. Earth dist.	-7106 Jul 21 j 05:40	4°♐46'43	7.88503 AU
direct	-7106 Sep 25 j 06:03	1°♐18'35	
evening set	-7105 Jan 05 j 14:41	9°♐34'21	
conjunction	-7105 Jan 23 j 10:14	11°♐56'34	-1°29'34
minimum elong	-7105 Jan 23 j 10:10	11°♐56'33	1°30'00
max. Earth dist.	-7105 Jan 23 j 19:41	11°♐59'44	9.84567 AU
morning rise	-7105 Feb 10 j 10:29	14°♐20'21	
retrograde	-7105 May 29 j 20:13	23°♐04'01	
opposition	-7105 Aug 05 j 08:50	19°♐31'07	-2°10'23
min. Earth dist.	-7105 Aug 04 j 23:00	19°♐33'11	7.81750 AU
direct	-7105 Oct 09 j 22:07	16°♐02'52	
evening set	-7104 Jan 21 j 05:03	24°♐26'31	
conjunction	-7104 Feb 08 j 03:42	26°♐50'22	-1°55'45
minimum elong	-7104 Feb 08 j 03:38	26°♐50'20	1°56'13
max. Earth dist.	-7104 Feb 08 j 18:31	26°♐55'21	9.79746 AU
morning rise	-7104 Feb 26 j 06:13	29°♐15'26	
	-7104 Mar 02 j 22:42	0°♑	
retrograde	-7104 Jun 13 j 07:46	8°♑00'36	
opposition	-7104 Aug 19 j 08:23	4°♑27'39	-2°38'44
min. Earth dist.	-7104 Aug 18 j 19:01	4°♑30'28	7.79113 AU
direct	-7104 Oct 23 j 21:48	0°♑58'21	
evening set	-7103 Feb 05 j 01:45	9°♑26'58	
conjunction	-7103 Feb 23 j 02:34	11°♑51'23	-2°14'18
minimum elong	-7103 Feb 23 j 02:32	11°♑51'22	2°14'46
max. Earth dist.	-7103 Feb 23 j 21:54	11°♑57'53	9.79208 AU
morning rise	-7103 Mar 13 j 06:10	14°♑16'39	
retrograde	-7103 Jun 28 j 14:55	22°♑58'40	
opposition	-7103 Sep 03 j 06:43	19°♑26'14	-2°56'18
min. Earth dist.	-7103 Sep 02 j 14:49	19°♑29'36	7.80798 AU
direct	-7103 Nov 08 j 01:29	15°♑56'11	
evening set	-7102 Feb 21 j 00:21	24°♑26'12	
conjunction	-7102 Mar 11 j 02:32	26°♑50'12	-2°23'45
minimum elong	-7102 Mar 11 j 02:31	26°♑50'12	2°24'12
max. Earth dist.	-7102 Mar 12 j 01:05	26°♑57'44	9.83013 AU
morning rise	-7102 Mar 29 j 06:08	29°♑14'34	
	-7102 Apr 04 j 02:20	0°♒	
retrograde	-7102 Jul 13 j 14:23	7°♒48'56	
min. Earth dist.	-7102 Sep 17 j 07:11	4°♒21'18	7.86682 AU
opposition	-7102 Sep 18 j 00:51	4°♒17'35	-3°01'48
direct	-7102 Nov 23 j 05:54	0°♒47'08	
evening set	-7101 Mar 08 j 19:53	9°♒14'49	
conjunction	-7101 Mar 26 j 22:35	11°♒37'29	-2°23'37
minimum elong	-7101 Mar 26 j 22:37	11°♒37'30	2°24'00
max. Earth dist.	-7101 Mar 27 j 23:00	11°♒45'33	9.90880 AU
morning rise	-7101 Apr 14 j 01:15	14°♒00'00	
	-7101 Apr 21 j 20:58	15°♒	
retrograde	-7101 Jul 28 j 03:29	22°♒23'05	
opposition	-7101 Oct 02 j 12:37	18°♒53'14	-2°55'20
min. Earth dist.	-7101 Oct 01 j 17:54	18°♒57'09	7.96335 AU
direct	-7101 Dec 08 j 07:15	15°♒22'51	
evening set	-7100 Mar 23 j 07:44	23°♒44'42	
conjunction	-7100 Apr 10 j 10:07	26°♒05'15	-2°14'21
minimum elong	-7100 Apr 10 j 10:11	26°♒05'16	2°14'39
max. Earth dist.	-7100 Apr 11 j 11:02	26°♒13'21	10.02240 AU
morning rise	-7100 Apr 28 j 11:00	28°♒25'11	
	-7100 May 11 j 02:36	0°♓	
retrograde	-7100 Aug 10 j 05:32	6°♓34'32	
opposition	-7100 Oct 15 j 16:03	3°♓06'31	-2°38'08
min. Earth dist.	-7100 Oct 14 j 21:10	3°♓10'24	8.09084 AU
	-7100 Dec 01 j 08:06	30°♓℞♒	
direct	-7100 Dec 22 j 02:19	29°♒36'33	
	-7099 Jan 11 j 20:19	0°♓	
evening set	-7099 Apr 07 j 08:53	7°♓49'52	
conjunction	-7099 Apr 25 j 10:09	10°♓07'42	-1°57'14
minimum elong	-7099 Apr 25 j 10:13	10°♓07'44	1°57'26
max. Earth dist.	-7099 Apr 26 j 10:09	10°♓15'24	10.16316 AU
morning rise	-7099 May 13 j 08:32	12°♓24'32	
retrograde	-7099 Aug 23 j 20:18	20°♓18'54	
opposition	-7099 Oct 29 j 10:01	16°♓52'55	-2°12'17
min. Earth dist.	-7099 Oct 28 j 16:14	16°♓56'33	8.24096 AU
direct	-7098 Jan 05 j 13:35	13°♓23'45	
evening set	-7098 Apr 21 j 21:19	21°♓26'44	
conjunction	-7098 May 09 j 20:34	23°♓41'27	-1°34'00
minimum elong	-7098 May 09 j 20:38	23°♓41'28	1°34'06
max. Earth dist.	-7098 May 10 j 18:21	23°♓48'18	10.32196 AU
morning rise	-7098 May 27 j 15:46	25°♓54'52	
	-7098 Jul 02 j 17:14	0°♈	
retrograde	-7098 Sep 05 j 22:26	3°♈34'12	
opposition	-7098 Nov 11 j 18:27	0°♈10'21	-1°40'12
min. Earth dist.	-7098 Nov 11 j 03:17	0°♈13'24	8.40455 AU
	-7098 Nov 13 j 22:04	30°♓℞	
direct	-7097 Jan 19 j 15:58	26°♓42'14	
	-7097 Mar 25 j 05:08	0°♈	
evening set	-7097 May 05 j 20:03	4°♈33'59	
conjunction	-7097 May 23 j 16:18	6°♈45'21	-1°06'34
minimum elong	-7097 May 23 j 16:21	6°♈45'22	1°06'33
max. Earth dist.	-7097 May 24 j 10:15	6°♈50'53	10.48939 AU
morning rise	-7097 Jun 10 j 07:46	8°♈55'14	
retrograde	-7097 Sep 18 j 12:26	16°♈20'27	
opposition	-7097 Nov 24 j 17:28	12°♈58'41	-1°04'19
min. Earth dist.	-7097 Nov 24 j 05:42	13°♈01'00	8.57249 AU
direct	-7096 Feb 02 j 08:38	9°♈31'47	
evening set	-7096 May 18 j 05:09	17°♈12'13	
conjunction	-7096 Jun 04 j 21:39	19°♈20'11	-0°36'46
minimum elong	-7096 Jun 04 j 21:41	19°♈20'11	0°36'40
max. Earth dist.	-7096 Jun 05 j 10:26	19°♈24'03	10.65648 AU
morning rise	-7096 Jun 22 j 09:04	21°♈26'34	
retrograde	-7096 Sep 29 j 16:36	28°♈39'11	
opposition	-7096 Dec 06 j 07:33	25°♈19'20	-0°26'48
min. Earth dist.	-7096 Dec 05 j 23:24	25°♈20'55	8.73614 AU
direct	-7095 Feb 14 j 14:37	21°♈53'44	
evening set	-7095 May 31 j 01:19	29°♈23'27	
	-7095 Jun 05 j 05:40	0°♉	
conjunction	-7095 Jun 17 j 13:36	1°♉28'08	-0°06'16
minimum elong	-7095 Jun 17 j 13:36	1°♉28'08	0°06'04

Attention, astronomical year style is used: The year -7095 in astronomical counting style is the year 7096 BCE in historical counting style.

behind sun begin	-7095 Jun 17 j 06:48	1°♉26'08	
behind sun end	-7095 Jun 17 j 20:23	1°♉30'09	
max. Earth dist.	-7095 Jun 17 j 20:51	1°♉30'17	10.81483 AU
morning rise	-7095 Jul 04 j 20:39	3°♉31'15	
asc. node	-7095 Sep 02 j 20:21	9°♉16'42	
retrograde	-7095 Oct 11 j 11:14	10°♉33'15	
opposition	-7095 Dec 18 j 13:53	7°♉15'02	0°10'32
min. Earth dist.	-7095 Dec 18 j 09:03	7°♉15'57	8.88732 AU
direct	-7094 Feb 27 j 11:54	3°♉50'47	
evening set	-7094 Jun 12 j 09:56	11°♉10'52	
conjunction	-7094 Jun 29 j 17:42	13°♉12'32	0°23'46
minimum elong	-7094 Jun 29 j 17:41	13°♉12'31	0°24'03
max. Earth dist.	-7094 Jun 29 j 20:21	13°♉13'18	10.95690 AU
	-7094 Jul 15 j 00:20	15°♉	
morning rise	-7094 Jul 16 j 20:06	15°♉12'39	
retrograde	-7094 Oct 23 j 01:40	22°♉06'17	
opposition	-7094 Dec 30 j 13:54	18°♉49'27	0°46'16
min. Earth dist.	-7094 Dec 30 j 12:59	18°♉49'37	9.01947 AU
direct	-7093 Mar 11 j 23:38	15°♉26'32	
evening set	-7093 Jun 24 j 08:39	22°♉38'23	
conjunction	-7093 Jul 11 j 11:44	24°♉37'22	0°52'01
minimum elong	-7093 Jul 11 j 11:42	24°♉37'21	0°52'23
max. Earth dist.	-7093 Jul 11 j 09:58	24°♉36'51	11.07732 AU
morning rise	-7093 Jul 28 j 09:32	26°♉34'53	
	-7093 Aug 29 j 18:02	0°♊	
retrograde	-7093 Nov 03 j 09:55	3°♊22'21	
opposition	-7092 Jan 11 j 09:06	0°♊06'36	1°19'14
min. Earth dist.	-7092 Jan 11 j 12:40	0°♊05'57	9.12831 AU
	-7092 Jan 12 j 20:37	30°℞♉	
direct	-7092 Mar 23 j 01:17	26°♉44'54	
	-7092 May 28 j 21:01	0°♊	
evening set	-7092 Jul 04 j 22:58	3°♊49'58	
conjunction	-7092 Jul 21 j 21:21	5°♊46'39	1°17'43
minimum elong	-7092 Jul 21 j 21:18	5°♊46'39	1°18'08
max. Earth dist.	-7092 Jul 21 j 14:27	5°♊44'40	11.17270 AU
morning rise	-7092 Aug 07 j 15:02	7°♊42'04	
retrograde	-7092 Nov 13 j 14:19	14°♊25'30	
opposition	-7091 Jan 22 j 00:42	11°♊10'28	1°48'34
min. Earth dist.	-7091 Jan 22 j 08:29	11°♊09'02	9.21083 AU
direct	-7091 Apr 03 j 23:44	7°♊49'45	
evening set	-7091 Jul 16 j 06:45	14°♊49'34	
conjunction	-7091 Aug 02 j 00:43	16°♊44'25	1°40'08
minimum elong	-7091 Aug 02 j 00:40	16°♊44'24	1°40'36
max. Earth dist.	-7091 Aug 01 j 13:11	16°♊41'06	11.24049 AU
morning rise	-7091 Aug 18 j 14:44	18°♊38'10	
retrograde	-7091 Nov 24 j 18:13	25°♊19'37	
opposition	-7090 Feb 02 j 14:01	22°♊04'53	2°13'33
min. Earth dist.	-7090 Feb 03 j 00:38	22°♊02'57	9.26469 AU
direct	-7090 Apr 15 j 16:24	18°♊45'03	
evening set	-7090 Jul 27 j 09:24	25°♊41'03	
conjunction	-7090 Aug 12 j 23:39	27°♊34'34	1°58'43
minimum elong	-7090 Aug 12 j 23:36	27°♊34'33	1°59'12
max. Earth dist.	-7090 Aug 12 j 09:26	27°♊30'29	11.27891 AU
morning rise	-7090 Aug 29 j 10:26	29°♊27'12	
	-7090 Sep 03 j 08:05	0°♋	
retrograde	-7090 Dec 05 j 22:35	6°♋08'38	
opposition	-7089 Feb 14 j 02:45	2°♋53'51	2°33'37
min. Earth dist.	-7089 Feb 14 j 15:50	2°♋51'28	9.28849 AU
	-7089 Apr 03 j 16:21	30°℞♊	
direct	-7089 Apr 27 j 05:00	29°♊34'39	
	-7089 May 20 j 11:12	0°♋	
evening set	-7089 Aug 07 j 08:36	6°♋28'21	

conjunction	-7089 Aug 23 j 19:46	8°♋21'03	2°13'00
minimum elong	-7089 Aug 23 j 19:43	8°♋21'03	2°13'28
max. Earth dist.	-7089 Aug 23 j 03:02	8°♋16'15	11.28697 AU
morning rise	-7089 Sep 09 j 04:09	10°♋13'05	
retrograde	-7089 Dec 17 j 04:55	16°♋56'26	
opposition	-7088 Feb 25 j 16:06	13°♋41'16	2°48'15
min. Earth dist.	-7088 Feb 26 j 08:11	13°♋38'21	9.28166 AU
direct	-7088 May 07 j 14:38	10°♋22'29	
evening set	-7088 Aug 17 j 06:19	17°♋15'23	
conjunction	-7088 Sep 02 j 15:04	19°♋07'51	2°22'35
minimum elong	-7088 Sep 02 j 15:03	19°♋07'51	2°23'02
max. Earth dist.	-7088 Sep 01 j 19:01	19°♋02'04	11.26463 AU
morning rise	-7088 Sep 18 j 22:10	20°♋59'55	
retrograde	-7088 Dec 27 j 12:30	27°♋47'00	
opposition	-7087 Mar 08 j 07:11	24°♋31'06	2°57'02
min. Earth dist.	-7087 Mar 09 j 01:42	24°♋27'44	9.24451 AU
direct	-7087 May 18 j 23:21	21°♋12'31	
evening set	-7087 Aug 28 j 04:04	28°♋06'11	
conjunction	-7087 Sep 13 j 11:30	29°♋58'59	2°27'06
minimum elong	-7087 Sep 13 j 11:30	29°♋58'59	2°27'32
max. Earth dist.	-7087 Sep 12 j 13:53	29°♋52'43	11.21266 AU
	-7087 Sep 13 j 14:58	0°♌	
morning rise	-7087 Sep 29 j 18:15	1°♌51'40	
retrograde	-7086 Jan 08 j 03:31	8°♌44'22	
opposition	-7086 Mar 20 j 01:43	5°♌27'26	2°59'34
min. Earth dist.	-7086 Mar 20 j 21:01	5°♌23'55	9.17814 AU
direct	-7086 May 30 j 10:54	2°♌08'53	
evening set	-7086 Sep 08 j 03:32	9°♌04'45	
conjunction	-7086 Sep 24 j 10:52	10°♌58'31	2°26'17
minimum elong	-7086 Sep 24 j 10:53	10°♌58'32	2°26'41
max. Earth dist.	-7086 Sep 23 j 13:15	10°♌52'11	11.13257 AU
morning rise	-7086 Oct 10 j 18:13	12°♌52'26	
	-7086 Oct 29 j 23:43	15°♌	
retrograde	-7085 Jan 20 j 00:45	19°♌52'30	
opposition	-7085 Apr 01 j 00:53	16°♌34'17	2°55'31
min. Earth dist.	-7085 Apr 01 j 19:59	16°♌30'46	9.08454 AU
	-7085 Apr 23 j 07:46	15°℞♌	
direct	-7085 Jun 10 j 22:23	13°♌15'35	
	-7085 Jul 27 j 17:08	15°♌	
evening set	-7085 Sep 19 j 06:58	20°♌15'09	
conjunction	-7085 Oct 05 j 15:11	22°♌10'31	2°19'54
minimum elong	-7085 Oct 05 j 15:13	22°♌10'32	2°20'14
max. Earth dist.	-7085 Oct 04 j 17:04	22°♌03'58	11.02685 AU
morning rise	-7085 Oct 22 j 00:26	24°♌06'18	
	-7085 Dec 23 j 12:01	0°♍	
retrograde	-7084 Feb 01 j 06:37	1°♍15'21	
	-7084 Mar 12 j 23:34	30°℞♌	
opposition	-7084 Apr 12 j 05:48	27°♌55'40	2°44'36
min. Earth dist.	-7084 Apr 13 j 01:01	27°♌52'06	8.96671 AU
direct	-7084 Jun 21 j 13:46	24°♌36'36	
	-7084 Sep 14 j 21:17	0°♍	
evening set	-7084 Sep 29 j 16:08	1°♍41'23	
max. Earth dist.	-7084 Oct 15 j 03:59	3°♍32'14	10.89898 AU
conjunction	-7084 Oct 16 j 02:16	3°♍38'56	2°07'50
minimum elong	-7084 Oct 16 j 02:19	3°♍38'57	2°08'05
morning rise	-7084 Nov 01 j 14:40	5°♍37'14	
retrograde	-7083 Feb 12 j 20:18	12°♍56'47	
opposition	-7083 Apr 24 j 17:53	9°♍35'26	2°26'41
min. Earth dist.	-7083 Apr 25 j 12:35	9°♍31'56	8.82866 AU
direct	-7083 Jul 03 j 10:01	6°♍15'51	
evening set	-7083 Oct 11 j 08:46	13°♍27'17	

Attention, astronomical year style is used: The year -7083 in astronomical counting style is the year 7084 BCE in historical counting style.

conjunction	-7083 Oct 27 j 22:01	15°♍27'35	1°50'06
minimum elong	-7083 Oct 27 j 22:04	15°♍27'36	1°50'16
max. Earth dist.	-7083 Oct 27 j 01:28	15°♍21'18	10.75341 AU
morning rise	-7083 Nov 13 j 14:27	17°♍28'55	
retrograde	-7082 Feb 25 j 20:33	25°♍00'23	
opposition	-7082 May 07 j 14:00	21°♍37'13	2°01'49
min. Earth dist.	-7082 May 08 j 06:44	21°♍34'03	8.67560 AU
direct	-7082 Jul 15 j 15:01	18°♍16'56	
evening set	-7082 Oct 23 j 11:11	25°♍36'22	
max. Earth dist.	-7082 Nov 08 j 11:20	27°♍34'35	10.59582 AU
conjunction	-7082 Nov 09 j 04:33	27°♍39'55	1°26'56
minimum elong	-7082 Nov 09 j 04:36	27°♍39'56	1°27'00
morning rise	-7082 Nov 26 j 01:46	29°♍44'47	
	-7082 Nov 28 j 04:04	0°♎	
retrograde	-7081 Mar 11 j 09:43	7°♎29'08	
opposition	-7081 May 20 j 18:45	4°♎04'06	1°30'22
min. Earth dist.	-7081 May 21 j 08:02	4°♎01'33	8.51395 AU
direct	-7081 Jul 28 j 03:06	0°♎42'59	
evening set	-7081 Nov 05 j 01:12	8°♎11'38	
conjunction	-7081 Nov 21 j 23:19	10°♎18'48	0°58'52
minimum elong	-7081 Nov 21 j 23:21	10°♎18'49	0°58'51
max. Earth dist.	-7081 Nov 21 j 09:31	10°♎14'27	10.43306 AU
morning rise	-7081 Dec 09 j 01:59	12°♎27'32	
retrograde	-7080 Mar 24 j 10:43	20°♎25'16	
opposition	-7080 Jun 02 j 08:44	16°♎58'25	0°53'11
min. Earth dist.	-7080 Jun 02 j 18:09	16°♎56'35	8.35116 AU
direct	-7080 Aug 08 j 22:33	13°♎36'18	
evening set	-7080 Nov 17 j 04:27	21°♎15'14	
conjunction	-7080 Dec 04 j 07:33	23°♎26'10	0°26'54
minimum elong	-7080 Dec 04 j 07:34	23°♎26'11	0°26'45
max. Earth dist.	-7080 Dec 03 j 21:37	23°♎23'00	10.27308 AU
morning rise	-7080 Dec 21 j 15:56	25°♎38'52	
	-7079 Jan 28 j 09:13	0°♏	
retrograde	-7079 Apr 07 j 21:12	3°♏49'54	
opposition	-7079 Jun 16 j 07:51	0°♏21'22	0°11'40
min. Earth dist.	-7079 Jun 16 j 13:16	0°♏20'17	8.19577 AU
	-7079 Jun 20 j 19:27	30°℞♎	
direct	-7079 Aug 22 j 06:05	26°♎58'06	
desc. node	-7079 Sep 26 j 09:15	28°♎06'06	
	-7079 Oct 20 j 01:11	0°♏	
evening set	-7079 Nov 30 j 22:01	4°♏47'56	
conjunction	-7079 Dec 18 j 06:16	7°♏02'37	-0°07'39
minimum elong	-7079 Dec 18 j 06:15	7°♏02'37	0°07'53
behind sun begin	-7079 Dec 17 j 23:47	7°♏00'32	
behind sun end	-7079 Dec 18 j 12:42	7°♏04'42	
max. Earth dist.	-7079 Dec 18 j 01:03	7°♏00'57	10.12467 AU
morning rise	-7078 Jan 04 j 20:14	9°♏19'10	
	-7078 Feb 24 j 14:14	15°♏	
retrograde	-7078 Apr 22 j 17:40	17°♏42'30	
	-7078 Jun 20 j 18:07	15°℞♏	
opposition	-7078 Jun 30 j 15:30	14°♏12'29	-0°32'03
min. Earth dist.	-7078 Jun 30 j 16:50	14°♏12'12	8.05679 AU
direct	-7078 Sep 05 j 00:11	10°♏47'59	
	-7078 Nov 13 j 15:54	15°♏	
evening set	-7078 Dec 15 j 06:11	18°♏48'45	
conjunction	-7077 Jan 01 j 19:24	21°♏06'52	-0°42'38
minimum elong	-7077 Jan 01 j 19:22	21°♏06'51	0°42'58
max. Earth dist.	-7077 Jan 01 j 20:02	21°♏07'04	9.99666 AU
morning rise	-7077 Jan 19 j 14:19	23°♏26'50	
	-7077 Mar 20 j 13:50	0°♐	
retrograde	-7077 May 07 j 22:04	2°♐00'27	
	-7077 Jun 26 j 03:57	30°℞♏	
opposition	-7077 Jul 15 j 06:17	28°♏29'16	-1°15'13
min. Earth dist.	-7077 Jul 15 j 03:14	28°♏29'53	7.94272 AU
direct	-7077 Sep 19 j 04:18	25°♏03'29	
	-7077 Dec 04 j 01:05	0°♐	
evening set	-7077 Dec 30 j 04:14	3°♐14'30	
conjunction	-7076 Jan 16 j 21:50	5°♐35'26	-1°15'52
minimum elong	-7076 Jan 16 j 21:46	5°♐35'25	1°16'16
max. Earth dist.	-7076 Jan 17 j 04:38	5°♐37'42	9.89703 AU
morning rise	-7076 Feb 03 j 20:36	7°♐58'04	
retrograde	-7076 May 22 j 07:29	16°♐38'57	
opposition	-7076 Jul 29 j 02:11	13°♐06'58	-1°54'38
min. Earth dist.	-7076 Jul 28 j 18:39	13°♐08'32	7.86066 AU
direct	-7076 Oct 02 j 17:30	9°♐39'55	
evening set	-7075 Jan 13 j 13:53	17°♐59'37	
conjunction	-7075 Jan 31 j 11:05	20°♐22'34	-1°44'45
minimum elong	-7075 Jan 31 j 11:01	20°♐22'33	1°45'12
max. Earth dist.	-7075 Jan 31 j 23:37	20°♐26'47	9.83207 AU
morning rise	-7075 Feb 18 j 12:34	22°♐46'56	
	-7075 Apr 26 j 14:28	0°♑	
retrograde	-7075 Jun 06 j 18:48	1°♑31'17	
	-7075 Jul 18 j 08:13	30°℞♐	
opposition	-7075 Aug 13 j 00:56	27°♐58'58	-2°27'03
min. Earth dist.	-7075 Aug 12 j 13:27	28°♐01'22	7.81541 AU
direct	-7075 Oct 17 j 14:26	24°♐30'47	
	-7074 Jan 05 j 23:15	0°♑	
evening set	-7074 Jan 29 j 07:53	2°♑56'51	
conjunction	-7074 Feb 16 j 07:50	5°♑20'55	-2°06'56
minimum elong	-7074 Feb 16 j 07:46	5°♑20'54	2°07'24
max. Earth dist.	-7074 Feb 17 j 01:13	5°♑26'45	9.80564 AU
morning rise	-7074 Mar 06 j 10:53	7°♑45'59	
retrograde	-7074 Jun 22 j 04:09	16°♑29'31	
opposition	-7074 Aug 27 j 23:56	12°♑57'26	-2°49'40
min. Earth dist.	-7074 Aug 27 j 09:11	13°♑00'32	7.80978 AU
direct	-7074 Nov 01 j 15:58	9°♑28'20	
evening set	-7073 Feb 14 j 06:16	17°♑57'44	
conjunction	-7073 Mar 04 j 08:00	20°♑21'55	-2°20'36
minimum elong	-7073 Mar 04 j 07:58	20°♑21'55	2°21'03
max. Earth dist.	-7073 Mar 05 j 05:14	20°♑29'02	9.82018 AU
morning rise	-7073 Mar 22 j 11:29	22°♑46'39	
	-7073 May 29 j 01:17	0°♒	
retrograde	-7073 Jul 07 j 07:57	1°♒24'51	
	-7073 Aug 15 j 22:03	30°℞♑	
opposition	-7073 Sep 11 j 20:17	27°♑53'30	-3°00'42
min. Earth dist.	-7073 Sep 11 j 03:19	27°♑57'04	7.84528 AU
direct	-7073 Nov 16 j 19:30	24°♑23'45	
	-7072 Feb 07 j 02:51	0°♒	
evening set	-7072 Mar 01 j 03:56	2°♒52'48	
conjunction	-7072 Mar 19 j 06:33	5°♒16'08	-2°24'47
minimum elong	-7072 Mar 19 j 06:33	5°♒16'09	2°25'11
max. Earth dist.	-7072 Mar 20 j 06:14	5°♒24'00	9.87595 AU
morning rise	-7072 Apr 06 j 09:31	7°♒39'31	
	-7072 Jun 16 j 01:39	15°♒	
retrograde	-7072 Jul 21 j 03:12	16°♒08'16	
	-7072 Aug 25 j 09:46	15°℞♒	
opposition	-7072 Sep 25 j 11:33	12°♒38'05	-2°59'33
min. Earth dist.	-7072 Sep 24 j 17:38	12°♒41'50	7.92029 AU
direct	-7072 Nov 30 j 21:57	9°♒07'59	
	-7071 Feb 24 j 07:04	15°♒	
evening set	-7071 Mar 16 j 20:00	17°♒32'58	
conjunction	-7071 Apr 03 j 22:40	19°♒54'35	-2°19'31
minimum elong	-7071 Apr 03 j 22:42	19°♒54'36	2°19'51

Attention, astronomical year style is used: The year -7071 in astronomical counting style is the year 7072 BCE in historical counting style.

max. Earth dist.	-7071 Apr 04 j 23:03	20°♒02'35	9.96947 AU
morning rise	-7071 Apr 22 j 00:22	22°♒15'47	
	-7071 Jul 11 j 15:57	0°♓	
retrograde	-7071 Aug 04 j 11:32	0°♓31'55	
	-7071 Aug 28 j 07:40	30°℞♒	
opposition	-7071 Oct 09 j 19:21	27°♒03'14	-2°47'00
min. Earth dist.	-7071 Oct 09 j 01:40	27°♒06'55	8.02970 AU
direct	-7071 Dec 15 j 20:32	23°♒33'10	
	-7070 Mar 17 j 03:50	0°♓	
evening set	-7070 Apr 01 j 02:53	1°♓50'55	
conjunction	-7070 Apr 19 j 04:45	4°♓10'07	-2°05'44
minimum elong	-7070 Apr 19 j 04:49	4°♓10'09	2°05'59
max. Earth dist.	-7070 Apr 20 j 04:01	4°♓17'38	10.09409 AU
morning rise	-7070 May 07 j 04:25	6°♓28'30	
retrograde	-7070 Aug 18 j 07:28	14°♓30'04	
opposition	-7070 Oct 23 j 18:05	11°♓03'10	-2°24'46
min. Earth dist.	-7070 Oct 23 j 01:30	11°♓06'34	8.16598 AU
direct	-7070 Dec 30 j 13:23	7°♓33'29	
evening set	-7069 Apr 15 j 21:41	15°♓41'43	
conjunction	-7069 May 03 j 21:53	17°♓57'59	-1°45'01
minimum elong	-7069 May 03 j 21:57	17°♓58'01	1°45'09
max. Earth dist.	-7069 May 04 j 18:42	18°♓04'36	10.24135 AU
morning rise	-7069 May 21 j 18:47	20°♓13'06	
retrograde	-7069 Aug 31 j 13:41	27°♓59'34	
opposition	-7069 Nov 06 j 07:15	24°♓34'34	-1°55'11
min. Earth dist.	-7069 Nov 05 j 16:02	24°♓37'39	8.32036 AU
direct	-7068 Jan 13 j 21:39	21°♓05'38	
evening set	-7068 Apr 29 j 02:42	29°♓02'56	
	-7068 May 06 j 20:18	0°♈	
conjunction	-7068 May 17 j 00:25	1°♈15'57	-1°19'14
minimum elong	-7068 May 17 j 00:29	1°♈15'59	1°19'16
max. Earth dist.	-7068 May 17 j 18:13	1°♈21'30	10.40206 AU
morning rise	-7068 Jun 03 j 17:55	3°♈27'36	
retrograde	-7068 Sep 12 j 08:39	10°♈59'30	
opposition	-7068 Nov 18 j 10:35	7°♈36'24	-1°20'43
min. Earth dist.	-7068 Nov 17 j 21:17	7°♈39'03	8.48375 AU
direct	-7067 Jan 26 j 19:20	4°♈08'29	
evening set	-7067 May 12 j 18:02	11°♈54'25	
conjunction	-7067 May 30 j 12:33	14°♈04'05	-0°50'16
minimum elong	-7067 May 30 j 12:35	14°♈04'06	0°50'12
max. Earth dist.	-7067 May 31 j 03:07	14°♈08'33	10.56715 AU
morning rise	-7067 Jun 17 j 02:01	16°♈12'12	
retrograde	-7067 Sep 24 j 18:37	23°♈30'46	
opposition	-7067 Dec 01 j 04:36	20°♈09'31	-0°43'39
min. Earth dist.	-7067 Nov 30 j 18:24	20°♈11'31	8.64753 AU
direct	-7066 Feb 09 j 05:00	16°♈42'48	
evening set	-7066 May 25 j 20:09	24°♈17'41	
conjunction	-7066 Jun 12 j 10:41	26°♈24'02	-0°19'51
minimum elong	-7066 Jun 12 j 10:42	26°♈24'02	0°19'42
max. Earth dist.	-7066 Jun 12 j 21:12	26°♈27'12	10.72831 AU
morning rise	-7066 Jun 29 j 19:44	28°♈28'46	
	-7066 Jul 13 j 00:45	0°♉	
retrograde	-7066 Oct 06 j 17:28	5°♉35'45	
opposition	-7066 Dec 13 j 14:35	2°♉16'14	-0°06'00
min. Earth dist.	-7066 Dec 13 j 08:22	2°♉17'26	8.80405 AU
	-7065 Jan 14 j 22:04	30°℞♈	
asc. node	-7065 Feb 11 j 23:08	28°♈56'01	
direct	-7065 Feb 22 j 06:01	28°♈50'48	
	-7065 Apr 01 j 08:10	0°♉	
evening set	-7065 Jun 07 j 09:56	6°♉15'30	
conjunction	-7065 Jun 24 j 19:52	8°♉18'39	0°10'35
minimum elong	-7065 Jun 24 j 19:52	8°♉18'39	0°10'50
behind sun begin	-7065 Jun 24 j 14:27	8°♉17'03	
behind sun end	-7065 Jun 25 j 01:17	8°♉20'14	
max. Earth dist.	-7065 Jun 25 j 01:20	8°♉20'15	10.87849 AU
morning rise	-7065 Jul 12 j 00:25	10°♉20'14	
	-7065 Aug 26 j 14:40	15°♉	
retrograde	-7065 Oct 18 j 08:57	17°♉17'44	
	-7065 Dec 12 j 07:03	15°℞♉	
opposition	-7065 Dec 25 j 17:28	13°♉59'45	0°30'38
min. Earth dist.	-7065 Dec 25 j 15:05	14°♉00'12	8.94682 AU
direct	-7064 Mar 05 j 21:58	10°♉35'39	
	-7064 May 23 j 05:46	15°♉	
evening set	-7064 Jun 18 j 12:55	17°♉51'19	
conjunction	-7064 Jul 05 j 18:05	19°♉51'35	0°39'42
minimum elong	-7064 Jul 05 j 18:04	19°♉51'34	0°40'01
max. Earth dist.	-7064 Jul 05 j 18:18	19°♉51'38	11.01186 AU
morning rise	-7064 Jul 22 j 18:11	21°♉50'21	
retrograde	-7064 Oct 28 j 18:20	28°♉40'29	
opposition	-7063 Jan 05 j 14:20	25°♉23'46	1°04'58
min. Earth dist.	-7063 Jan 05 j 15:05	25°♉23'37	9.07039 AU
direct	-7063 Mar 18 j 04:43	22°♉01'01	
evening set	-7063 Jun 30 j 06:39	29°♉09'04	
	-7063 Jul 07 j 16:38	0°♊	
conjunction	-7063 Jul 17 j 07:12	1°♊06'48	1°06'38
minimum elong	-7063 Jul 17 j 07:09	1°♊06'47	1°07'01
max. Earth dist.	-7063 Jul 17 j 03:33	1°♊05'44	11.12358 AU
morning rise	-7063 Aug 03 j 02:51	3°♊03'10	
retrograde	-7063 Nov 09 j 01:18	9°♊48'08	
opposition	-7062 Jan 17 j 07:03	6°♊32'23	1°36'00
min. Earth dist.	-7062 Jan 17 j 10:54	6°♊31'40	9.17035 AU
direct	-7062 Mar 30 j 05:20	3°♊10'55	
evening set	-7062 Jul 11 j 16:50	10°♊12'48	
conjunction	-7062 Jul 28 j 12:55	12°♊08'27	1°30'34
minimum elong	-7062 Jul 28 j 12:52	12°♊08'26	1°31'01
max. Earth dist.	-7062 Jul 28 j 05:55	12°♊06'26	11.20985 AU
morning rise	-7062 Aug 14 j 04:25	14°♊02'52	
retrograde	-7062 Nov 20 j 05:49	20°♊44'45	
opposition	-7061 Jan 28 j 21:03	17°♊29'42	2°02'58
min. Earth dist.	-7061 Jan 29 j 04:51	17°♊28'16	9.24350 AU
direct	-7061 Apr 10 j 21:55	14°♊09'22	
evening set	-7061 Jul 22 j 21:21	21°♊06'38	
conjunction	-7061 Aug 08 j 13:12	23°♊00'39	1°50'55
minimum elong	-7061 Aug 08 j 13:09	23°♊00'38	1°51'23
max. Earth dist.	-7061 Aug 08 j 01:49	22°♊57'22	11.26807 AU
morning rise	-7061 Aug 25 j 01:20	24°♊53'39	
	-7061 Oct 17 j 22:07	0°♋	
retrograde	-7061 Dec 01 j 08:04	1°♋34'30	
	-7060 Jan 16 j 07:32	30°℞♊	
opposition	-7060 Feb 09 j 09:32	28°♊19'48	2°25'15
min. Earth dist.	-7060 Feb 09 j 20:58	28°♊17'43	9.28764 AU
direct	-7060 Apr 21 j 11:06	25°♊00'23	
	-7060 Jul 15 j 06:59	0°♋	
evening set	-7060 Aug 01 j 21:37	1°♋54'36	
conjunction	-7060 Aug 18 j 09:57	3°♋47'29	2°07'08
minimum elong	-7060 Aug 18 j 09:54	3°♋47'28	2°07'37
max. Earth dist.	-7060 Aug 17 j 18:54	3°♋43'10	11.29656 AU
morning rise	-7060 Sep 03 j 19:27	5°♋39'37	
retrograde	-7060 Dec 11 j 12:52	12°♋21'23	
opposition	-7059 Feb 19 j 21:55	9°♋06'39	2°42'18
min. Earth dist.	-7059 Feb 20 j 11:43	9°♋04'09	9.30124 AU
direct	-7059 May 02 j 22:47	5°♋48'00	
evening set	-7059 Aug 12 j 19:29	12°♋40'36	

Attention, astronomical year style is used: The year -7059 in astronomical counting style is the year 7060 BCE in historical counting style.

conjunction	-7059 Aug 29 j 05:11	14°♋32'57	2°18'50
minimum elong	-7059 Aug 29 j 05:09	14°♋32'57	2°19'18
max. Earth dist.	-7059 Aug 28 j 12:17	14°♋28'05	11.29425 AU
morning rise	-7059 Sep 14 j 12:40	16°♋24'46	
retrograde	-7059 Dec 22 j 20:14	23°♋09'20	
opposition	-7058 Mar 03 j 11:39	19°♋54'13	2°53'41
min. Earth dist.	-7058 Mar 04 j 03:08	19°♋51'25	9.28372 AU
direct	-7058 May 14 j 07:34	16°♋36'05	
evening set	-7058 Aug 23 j 16:40	23°♋28'36	
max. Earth dist.	-7058 Sep 08 j 05:39	25°♋15'30	11.26117 AU
conjunction	-7058 Sep 09 j 00:36	25°♋20'58	2°25'37
minimum elong	-7058 Sep 09 j 00:36	25°♋20'58	2°26'05
morning rise	-7058 Sep 25 j 07:08	27°♋13'03	
	-7058 Oct 21 j 07:41	0°♌	
retrograde	-7057 Jan 03 j 09:08	4°♌02'14	
opposition	-7057 Mar 15 j 04:10	0°♌46'25	2°59'01
min. Earth dist.	-7057 Mar 15 j 21:51	0°♌43'12	9.23557 AU
	-7057 Mar 25 j 22:05	30°℞♋	
direct	-7057 May 25 j 16:29	27°♋28'32	
	-7057 Jul 22 j 07:45	0°♌	
evening set	-7057 Sep 03 j 14:52	4°♌22'23	
conjunction	-7057 Sep 19 j 21:56	6°♌15'23	2°27'13
minimum elong	-7057 Sep 19 j 21:57	6°♌15'23	2°27'38
max. Earth dist.	-7057 Sep 19 j 00:33	6°♌09'09	11.19817 AU
morning rise	-7057 Oct 06 j 04:49	8°♌08'24	
	-7056 Jan 06 j 00:48	15°♌	
retrograde	-7056 Jan 15 j 00:29	15°♌03'55	
	-7056 Jan 24 j 02:36	15°℞♌	
opposition	-7056 Mar 26 j 00:34	11°♌47'02	2°57'57
min. Earth dist.	-7056 Mar 26 j 20:06	11°♌43'28	9.15782 AU
direct	-7056 Jun 05 j 02:14	8°♌29'06	
	-7056 Sep 09 j 21:21	15°♌	
evening set	-7056 Sep 13 j 15:52	15°♌25'52	
conjunction	-7056 Sep 29 j 23:18	17°♌20'06	2°23'22
minimum elong	-7056 Sep 29 j 23:19	17°♌20'07	2°23'44
max. Earth dist.	-7056 Sep 29 j 00:50	17°♌13'30	11.10655 AU
morning rise	-7056 Oct 16 j 07:31	19°♌14'39	
retrograde	-7055 Jan 26 j 01:15	26°♌18'17	
opposition	-7055 Apr 07 j 01:55	23°♌00'00	2°50'10
min. Earth dist.	-7055 Apr 07 j 21:50	22°♌56'21	9.05218 AU
direct	-7055 Jun 16 j 17:14	19°♌41'48	
evening set	-7055 Sep 24 j 21:30	26°♌42'58	
max. Earth dist.	-7055 Oct 10 j 08:31	28°♌32'34	10.98853 AU
conjunction	-7055 Oct 11 j 06:33	28°♌39'08	2°13'55
minimum elong	-7055 Oct 11 j 06:35	28°♌39'09	2°14'12
	-7055 Oct 22 j 14:51	0°♍	
morning rise	-7055 Oct 27 j 17:07	0°♍35'52	
retrograde	-7054 Feb 07 j 11:36	7°♍49'16	
opposition	-7054 Apr 19 j 09:55	4°♍29'22	2°35'30
min. Earth dist.	-7054 Apr 20 j 04:57	4°♍25'50	8.92173 AU
direct	-7054 Jun 28 j 10:30	1°♍10'42	
evening set	-7054 Oct 06 j 09:49	8°♍17'48	
conjunction	-7054 Oct 22 j 21:27	10°♍16'28	1°58'48
minimum elong	-7054 Oct 22 j 21:31	10°♍16'29	1°59'00
max. Earth dist.	-7054 Oct 21 j 23:53	10°♍09'57	10.84818 AU
morning rise	-7054 Nov 08 j 11:36	12°♍16'00	
retrograde	-7053 Feb 20 j 06:46	19°♍40'43	
opposition	-7053 May 02 j 01:32	16°♍18'59	2°13'53
min. Earth dist.	-7053 May 02 j 19:22	16°♍15'38	8.77160 AU
direct	-7053 Jul 10 j 09:57	12°♍59'34	
evening set	-7053 Oct 18 j 07:00	20°♍14'07	

conjunction	-7053 Nov 03 j 22:09	22°♍15'49	1°38'09
minimum elong	-7053 Nov 03 j 22:12	22°♍15'50	1°38'15
max. Earth dist.	-7053 Nov 03 j 01:20	22°♍09'26	10.69137 AU
morning rise	-7053 Nov 20 j 16:57	24°♍18'43	
	-7052 Jan 15 j 08:56	0°♎	
retrograde	-7052 Mar 04 j 13:03	1°♎55'53	
	-7052 Apr 24 j 04:45	30°℞♍	
opposition	-7052 May 14 j 01:26	28°♍32'11	1°45'31
min. Earth dist.	-7052 May 14 j 17:48	28°♍29'03	8.60838 AU
direct	-7052 Jul 21 j 17:19	25°♍11'46	
	-7052 Oct 07 j 11:48	0°♎	
evening set	-7052 Oct 29 j 14:44	2°♎35'06	
conjunction	-7052 Nov 15 j 10:17	4°♎40'17	1°12'21
minimum elong	-7052 Nov 15 j 10:20	4°♎40'18	1°12'22
max. Earth dist.	-7052 Nov 14 j 16:19	4°♎34'40	10.52501 AU
morning rise	-7052 Dec 02 j 10:21	6°♎46'56	
retrograde	-7051 Mar 18 j 06:14	14°♎37'25	
opposition	-7051 May 27 j 10:28	11°♎11'38	1°11'00
min. Earth dist.	-7051 May 27 j 23:59	11°♎09'01	8.43961 AU
direct	-7051 Aug 03 j 09:22	7°♎50'04	
evening set	-7051 Nov 11 j 10:39	15°♎23'18	
conjunction	-7051 Nov 28 j 11:17	17°♎32'16	0°42'09
minimum elong	-7051 Nov 28 j 11:19	17°♎32'17	0°42'04
max. Earth dist.	-7051 Nov 27 j 21:49	17°♎27'59	10.35690 AU
morning rise	-7051 Dec 15 j 16:56	19°♎42'55	
retrograde	-7050 Apr 01 j 10:19	27°♎47'00	
opposition	-7050 Jun 10 j 04:42	24°♎19'12	0°31'26
min. Earth dist.	-7050 Jun 10 j 14:00	24°♎17'22	8.27363 AU
direct	-7050 Aug 16 j 12:24	20°♎56'20	
evening set	-7050 Nov 24 j 20:38	28°♎40'21	
	-7050 Dec 05 j 05:52	0°♏	
conjunction	-7050 Dec 12 j 02:34	0°♏53'12	0°08'46
minimum elong	-7050 Dec 12 j 02:34	0°♏53'12	0°08'35
behind sun begin	-7050 Dec 11 j 20:19	0°♏51'12	
behind sun end	-7050 Dec 12 j 08:49	0°♏55'12	
max. Earth dist.	-7050 Dec 11 j 18:20	0°♏50'33	10.19564 AU
morning rise	-7050 Dec 29 j 13:48	3°♏07'50	
desc. node	-7049 Mar 17 j 16:35	10°♏40'11	
retrograde	-7049 Apr 16 j 02:13	11°♏25'01	
opposition	-7049 Jun 24 j 07:39	7°♏55'23	-0°11'25
min. Earth dist.	-7049 Jun 24 j 12:03	7°♏54'30	8.11938 AU
direct	-7049 Aug 30 j 00:10	4°♏31'08	
evening set	-7049 Dec 08 j 21:20	12°♏26'24	
conjunction	-7049 Dec 26 j 08:21	14°♏42'56	-0°26'15
minimum elong	-7049 Dec 26 j 08:19	14°♏42'56	0°26'32
max. Earth dist.	-7049 Dec 26 j 05:28	14°♏42'00	10.05030 AU
	-7049 Dec 28 j 12:20	15°♏	
morning rise	-7048 Jan 13 j 00:50	17°♏01'19	
retrograde	-7048 Apr 30 j 03:42	25°♏30'13	
opposition	-7048 Jul 07 j 18:46	21°♏59'03	-0°55'09
min. Earth dist.	-7048 Jul 07 j 18:12	21°♏59'10	7.98593 AU
direct	-7048 Sep 11 j 21:57	18°♏33'23	
evening set	-7048 Dec 22 j 12:25	26°♏39'40	
conjunction	-7047 Jan 09 j 04:01	28°♏59'25	-1°00'35
minimum elong	-7047 Jan 09 j 03:58	28°♏59'24	1°00'57
max. Earth dist.	-7047 Jan 09 j 06:45	29°♏00'20	9.92988 AU
	-7047 Jan 16 j 18:34	0°♐	
morning rise	-7047 Jan 27 j 01:01	1°♐20'59	
retrograde	-7047 May 15 j 11:52	9°♐59'09	
opposition	-7047 Jul 22 j 12:28	6°♐26'53	-1°36'45
min. Earth dist.	-7047 Jul 22 j 07:23	6°♐27'56	7.88190 AU
direct	-7047 Sep 26 j 06:13	2°♐59'50	

Attention, astronomical year style is used: The year -7046 in astronomical counting style is the year 7047 BCE in historical counting style.

evening set	-7046 Jan 06 j 16:48	11°♐16'04	
conjunction	-7046 Jan 24 j 12:22	13°♐38'21	-1°31'49
minimum elong	-7046 Jan 24 j 12:18	13°♐38'20	1°32'15
max. Earth dist.	-7046 Jan 24 j 20:52	13°♐41'12	9.84254 AU
morning rise	-7046 Feb 11 j 12:49	16°♐02'13	
retrograde	-7046 May 30 j 23:23	24°♐46'08	
opposition	-7046 Aug 06 j 10:25	21°♐13'16	-2°12'53
min. Earth dist.	-7046 Aug 06 j 01:18	21°♐15'10	7.81449 AU
direct	-7046 Oct 11 j 00:09	17°♐44'56	
evening set	-7045 Jan 22 j 07:39	26°♐09'05	
conjunction	-7045 Feb 09 j 06:22	28°♐33'00	-1°57'27
minimum elong	-7045 Feb 09 j 06:18	28°♐32'58	1°57'55
max. Earth dist.	-7045 Feb 09 j 20:19	28°♐37'41	9.79460 AU
	-7045 Feb 20 j 01:43	0°♑	
morning rise	-7045 Feb 27 j 09:03	0°♑58'09	
retrograde	-7045 Jun 15 j 09:53	9°♑43'28	
opposition	-7045 Aug 21 j 10:06	6°♑10'33	-2°40'28
min. Earth dist.	-7045 Aug 20 j 21:27	6°♑13'13	7.78851 AU
direct	-7045 Oct 26 j 00:34	2°♑41'11	
evening set	-7044 Feb 07 j 04:50	11°♑10'15	
conjunction	-7044 Feb 25 j 05:44	13°♑34'44	-2°15'19
minimum elong	-7044 Feb 25 j 05:42	13°♑34'44	2°15'47
max. Earth dist.	-7044 Feb 26 j 00:30	13°♑41'03	9.78969 AU
morning rise	-7044 Mar 14 j 09:24	16°♑00'02	
retrograde	-7044 Jun 29 j 16:08	24°♑42'06	
opposition	-7044 Sep 04 j 08:29	21°♑09'42	-2°57'07
min. Earth dist.	-7044 Sep 03 j 16:52	21°♑13'00	7.80593 AU
direct	-7044 Nov 09 j 04:14	17°♑39'35	
evening set	-7043 Feb 22 j 03:36	26°♑09'57	
conjunction	-7043 Mar 12 j 05:54	28°♑34'01	-2°24'01
minimum elong	-7043 Mar 12 j 05:53	28°♑34'01	2°24'27
max. Earth dist.	-7043 Mar 13 j 04:23	28°♑41'32	9.82840 AU
	-7043 Mar 23 j 00:03	0°♒	
morning rise	-7043 Mar 30 j 09:29	0°♒58'23	
retrograde	-7043 Jul 14 j 15:34	9°♒32'44	
min. Earth dist.	-7043 Sep 18 j 08:43	6°♒05'09	7.86548 AU
opposition	-7043 Sep 19 j 02:40	6°♒01'22	-3°01'39
direct	-7043 Nov 24 j 07:59	2°♒30'53	
evening set	-7042 Mar 09 j 23:05	10°♒58'46	
conjunction	-7042 Mar 28 j 01:58	13°♒21'29	-2°23'07
minimum elong	-7042 Mar 28 j 02:00	13°♒21'30	2°23'29
max. Earth dist.	-7042 Mar 29 j 02:45	13°♒29'41	9.90786 AU
	-7042 Apr 09 j 13:10	15°♒	
morning rise	-7042 Apr 15 j 04:34	15°♒44'00	
retrograde	-7042 Jul 29 j 05:39	24°♒06'57	
opposition	-7042 Oct 03 j 14:24	20°♒37'05	-2°54'14
min. Earth dist.	-7042 Oct 02 j 19:16	20°♒41'05	7.96275 AU
direct	-7042 Dec 09 j 08:43	17°♒06'38	
evening set	-7041 Mar 25 j 10:59	25°♒28'36	
conjunction	-7041 Apr 12 j 13:31	27°♒49'11	-2°13'07
minimum elong	-7041 Apr 12 j 13:34	27°♒49'12	2°13'25
max. Earth dist.	-7041 Apr 13 j 14:56	27°♒57'28	10.02223 AU
	-7041 Apr 29 j 09:43	0°♓	
morning rise	-7041 Apr 30 j 14:16	0°♓09'06	
retrograde	-7041 Aug 12 j 08:42	8°♓18'11	
opposition	-7041 Oct 17 j 17:46	4°♓50'11	-2°36'12
min. Earth dist.	-7041 Oct 16 j 22:50	4°♓54'05	8.09097 AU
direct	-7041 Dec 24 j 04:16	1°♓20'10	
evening set	-7040 Apr 08 j 11:57	9°♓33'31	
conjunction	-7040 Apr 26 j 13:15	11°♓51'20	-1°55'23
minimum elong	-7040 Apr 26 j 13:19	11°♓51'22	1°55'34
max. Earth dist.	-7040 Apr 27 j 13:37	11°♓59'09	10.16373 AU
morning rise	-7040 May 14 j 11:28	14°♓08'08	
retrograde	-7040 Aug 24 j 22:10	22°♓02'12	
opposition	-7040 Oct 30 j 11:48	18°♓36'15	-2°09'39
min. Earth dist.	-7040 Oct 29 j 18:29	18°♓39'47	8.24188 AU
direct	-7039 Jan 06 j 16:02	15°♓07'02	
evening set	-7039 Apr 23 j 00:00	23°♓09'57	
conjunction	-7039 May 10 j 23:09	25°♓24'37	-1°31'39
minimum elong	-7039 May 10 j 23:13	25°♓24'39	1°31'44
max. Earth dist.	-7039 May 11 j 20:45	25°♓31'25	10.32332 AU
morning rise	-7039 May 28 j 18:18	27°♓38'00	
	-7039 Jun 17 j 17:11	0°♈	
retrograde	-7039 Sep 06 j 23:40	5°♈17'01	
opposition	-7039 Nov 12 j 20:09	1°♈53'13	-1°37'03
min. Earth dist.	-7039 Nov 12 j 05:34	1°♈56'09	8.40630 AU
	-7039 Dec 07 j 18:51	30°℞♓	
direct	-7038 Jan 20 j 18:18	28°♓25'04	
	-7038 Mar 05 j 10:41	0°♈	
evening set	-7038 May 06 j 22:29	6°♈16'42	
conjunction	-7038 May 24 j 18:33	8°♈28'00	-1°03'52
minimum elong	-7038 May 24 j 18:36	8°♈28'01	1°03'50
max. Earth dist.	-7038 May 25 j 11:42	8°♈33'17	10.49158 AU
morning rise	-7038 Jun 11 j 10:01	10°♈37'49	
retrograde	-7038 Sep 19 j 13:49	18°♈02'43	
opposition	-7038 Nov 25 j 18:58	14°♈41'00	-1°00'51
min. Earth dist.	-7038 Nov 25 j 07:09	14°♈43'20	8.57511 AU
direct	-7037 Feb 03 j 10:27	11°♈14'07	
evening set	-7037 May 20 j 07:17	18°♈54'23	
conjunction	-7037 Jun 06 j 23:36	21°♈02'16	-0°33'52
minimum elong	-7037 Jun 06 j 23:37	21°♈02'16	0°33'45
max. Earth dist.	-7037 Jun 07 j 12:03	21°♈06'02	10.65961 AU
morning rise	-7037 Jun 24 j 10:54	23°♈08'35	
	-7037 Sep 11 j 22:24	0°♉	
retrograde	-7037 Oct 01 j 16:37	0°♉20'55	
	-7037 Oct 21 j 16:11	30°℞♈	
opposition	-7037 Dec 08 j 09:02	27°♈01'06	-0°23'11
min. Earth dist.	-7037 Dec 08 j 00:03	27°♈02'50	8.73974 AU
direct	-7036 Feb 16 j 17:49	23°♈35'34	
	-7036 May 22 j 17:08	0°♉	
evening set	-7036 Jun 01 j 02:58	1°♉05'01	
conjunction	-7036 Jun 18 j 15:06	3°♉09'35	-0°03'19
minimum elong	-7036 Jun 18 j 15:07	3°♉09'35	0°03'06
behind sun begin	-7036 Jun 18 j 08:00	3°♉07'29	
behind sun end	-7036 Jun 18 j 22:13	3°♉11'41	
max. Earth dist.	-7036 Jun 18 j 23:15	3°♉12'00	10.81911 AU
morning rise	-7036 Jul 05 j 21:53	5°♉12'35	
asc. node	-7036 Jul 29 j 05:43	7°♉48'31	
retrograde	-7036 Oct 12 j 13:05	12°♉14'20	
opposition	-7036 Dec 19 j 15:17	8°♉56'09	0°14'07
min. Earth dist.	-7036 Dec 19 j 09:50	8°♉57'11	8.89225 AU
direct	-7035 Feb 28 j 13:53	5°♉31'59	
evening set	-7035 Jun 13 j 11:16	12°♉51'41	
conjunction	-7035 Jun 30 j 18:49	14°♉53'13	0°26'38
minimum elong	-7035 Jun 30 j 18:48	14°♉53'13	0°26'55
max. Earth dist.	-7035 Jun 30 j 22:29	14°♉54'18	10.96260 AU
	-7035 Jul 01 j 17:51	15°♉	
morning rise	-7035 Jul 17 j 20:52	16°♉53'11	
retrograde	-7035 Oct 24 j 02:25	23°♉46'28	
opposition	-7035 Dec 31 j 15:04	20°♉29'42	0°49'39
min. Earth dist.	-7035 Dec 31 j 14:22	20°♉29'49	9.02583 AU
direct	-7034 Mar 12 j 23:38	17°♉06'51	

Attention, astronomical year style is used: The year -7034 in astronomical counting style is the year 7035 BCE in historical counting style.

evening set	-7034 Jun 25 j 09:37	24°♉18'15		
conjunction	-7034 Jul 12 j 12:18	26°♉17'04	0°54'41	
minimum elong	-7034 Jul 12 j 12:16	26°♉17'03	0°55'03	
max. Earth dist.	-7034 Jul 12 j 10:23	26°♉16'30	11.08420 AU	
morning rise	-7034 Jul 29 j 09:52	28°♉14'27		
	-7034 Aug 14 j 07:17	0°♊		
retrograde	-7034 Nov 04 j 09:26	5°♊01'32		
opposition	-7033 Jan 12 j 10:03	1°♊45'52	1°22'19	
min. Earth dist.	-7033 Jan 12 j 13:48	1°♊45'10	9.13564 AU	
	-7033 Feb 06 j 10:55	30°℞♉		
direct	-7033 Mar 25 j 03:38	28°♉24'13		
	-7033 May 09 j 23:14	0°♊		
evening set	-7033 Jul 06 j 23:27	5°♊28'50		
conjunction	-7033 Jul 23 j 21:25	7°♊25'20	1°20'05	
minimum elong	-7033 Jul 23 j 21:22	7°♊25'20	1°20'30	
max. Earth dist.	-7033 Jul 23 j 14:16	7°♊23'17	11.18024 AU	
morning rise	-7033 Aug 09 j 14:53	9°♊20'35		
retrograde	-7033 Nov 15 j 14:14	16°♊03'42		
opposition	-7032 Jan 24 j 01:22	12°♊48'43	1°51'14	
min. Earth dist.	-7032 Jan 24 j 08:27	12°♊47'25	9.21855 AU	
direct	-7032 Apr 05 j 01:04	9°♊28'08		
evening set	-7032 Jul 17 j 06:41	16°♊27'27		
conjunction	-7032 Aug 03 j 00:26	18°♊22'09	1°42'08	
minimum elong	-7032 Aug 03 j 00:23	18°♊22'08	1°42'35	
max. Earth dist.	-7032 Aug 02 j 13:45	18°♊19'04	11.24824 AU	
morning rise	-7032 Aug 19 j 14:08	20°♊15'45		
retrograde	-7032 Nov 25 j 17:58	26°♊56'54		
opposition	-7031 Feb 03 j 14:22	23°♊42'14	2°15'43	
min. Earth dist.	-7031 Feb 04 j 00:21	23°♊40'25	9.27240 AU	
direct	-7031 Apr 16 j 17:00	20°♊22'31		
evening set	-7031 Jul 28 j 08:58	27°♊18'04		
conjunction	-7031 Aug 13 j 23:00	29°♊11'26	2°00'18	
minimum elong	-7031 Aug 13 j 22:57	29°♊11'25	2°00'46	
max. Earth dist.	-7031 Aug 13 j 09:19	29°♊07'30	11.28645 AU	
	-7031 Aug 21 j 00:21	0°♋		
morning rise	-7031 Aug 30 j 09:30	1°♋03'54		
retrograde	-7031 Dec 06 j 22:39	7°♋45'04		
opposition	-7030 Feb 15 j 02:54	4°♋30'23	2°35'13	
min. Earth dist.	-7030 Feb 15 j 16:18	4°♋27'57	9.29587 AU	
direct	-7030 Apr 28 j 04:33	1°♋11'19		
evening set	-7030 Aug 08 j 07:52	8°♋04'34		
conjunction	-7030 Aug 24 j 18:42	9°♋57'08	2°14'06	
minimum elong	-7030 Aug 24 j 18:40	9°♋57'07	2°14'34	
max. Earth dist.	-7030 Aug 24 j 01:23	9°♋52'09	11.29407 AU	
morning rise	-7030 Sep 10 j 03:00	11°♋49'04		
retrograde	-7030 Dec 18 j 02:51	18°♋32'11		
opposition	-7029 Feb 26 j 16:06	15°♋17'05	2°49'16	
min. Earth dist.	-7029 Feb 27 j 08:36	15°♋14'05	9.28850 AU	
direct	-7029 May 09 j 14:13	11°♋58'24		
evening set	-7029 Aug 19 j 05:11	18°♋50'55		
conjunction	-7029 Sep 04 j 13:45	20°♋43'15	2°23'10	
minimum elong	-7029 Sep 04 j 13:44	20°♋43'15	2°23'38	
max. Earth dist.	-7029 Sep 03 j 17:47	20°♋37'29	11.27111 AU	
morning rise	-7029 Sep 20 j 20:48	22°♋35'12		
retrograde	-7029 Dec 29 j 12:25	29°♋22'09		
opposition	-7028 Mar 09 j 06:56	26°♋06'17	2°57'25	
min. Earth dist.	-7028 Mar 10 j 00:59	26°♋03'01	9.25058 AU	
direct	-7028 May 20 j 00:28	22°♋47'48		
evening set	-7028 Aug 29 j 02:30	29°♋41'03		
	-7028 Aug 31 j 21:04	0°♌		
conjunction	-7028 Sep 14 j 09:59	1°♌33'47	2°27'11	
minimum elong	-7028 Sep 14 j 09:59	1°♌33'47	2°27'37	
max. Earth dist.	-7028 Sep 13 j 13:10	1°♌27'45	11.21822 AU	
morning rise	-7028 Sep 30 j 16:37	3°♌26'23		
retrograde	-7027 Jan 09 j 02:37	10°♌18'56		
opposition	-7027 Mar 21 j 01:10	7°♌02'02	2°59'20	
min. Earth dist.	-7027 Mar 21 j 19:52	6°♌58'37	9.18314 AU	
direct	-7027 May 31 j 09:27	3°♌43'35		
evening set	-7027 Sep 09 j 01:47	10°♌39'04		
max. Earth dist.	-7027 Sep 24 j 11:23	12°♌26'26	11.13697 AU	
conjunction	-7027 Sep 25 j 09:05	12°♌32'47	2°25'51	
minimum elong	-7027 Sep 25 j 09:06	12°♌32'47	2°26'15	
morning rise	-7027 Oct 11 j 16:27	14°♌26'39		
	-7027 Oct 16 j 13:39	15°♌		
retrograde	-7026 Jan 21 j 00:12	21°♌26'34		
opposition	-7026 Apr 02 j 00:07	18°♌08'23	2°54'40	
min. Earth dist.	-7026 Apr 02 j 19:31	18°♌04'50	9.08831 AU	
	-7026 May 28 j 07:50	15°℞♌		
direct	-7026 Jun 11 j 21:16	14°♌49'45		
	-7026 Jun 26 j 07:53	15°♌		
evening set	-7026 Sep 20 j 04:58	21°♌48'59		
conjunction	-7026 Oct 06 j 13:07	23°♌44'19	2°18'59	
minimum elong	-7026 Oct 06 j 13:09	23°♌44'19	2°19'18	
max. Earth dist.	-7026 Oct 05 j 14:14	23°♌37'32	11.03005 AU	
morning rise	-7026 Oct 22 j 22:34	25°♌40'06		
	-7026 Dec 03 j 13:00	0°♍		
retrograde	-7025 Feb 02 j 04:24	2°♍49'03		
	-7025 Apr 07 j 06:44	30°℞♌		
opposition	-7025 Apr 14 j 04:55	29°♌29'21	2°43'10	
min. Earth dist.	-7025 Apr 15 j 00:47	29°♌25'40	8.96922 AU	
direct	-7025 Jun 23 j 11:52	26°♌10'20		
	-7025 Sep 01 j 23:21	0°♍		
evening set	-7025 Oct 01 j 13:49	3°♍14'50		
max. Earth dist.	-7025 Oct 17 j 01:57	5°♍05'43	10.90088 AU	
conjunction	-7025 Oct 18 j 00:06	5°♍12'22	2°06'27	
minimum elong	-7025 Oct 18 j 00:09	5°♍12'23	2°06'42	
morning rise	-7025 Nov 03 j 12:41	7°♍10'40		
retrograde	-7024 Feb 14 j 18:05	14°♍30'13		
opposition	-7024 Apr 25 j 16:42	11°♍08'49	2°24'43	
min. Earth dist.	-7024 Apr 26 j 11:26	11°♍05'18	8.82979 AU	
direct	-7024 Jul 04 j 09:50	7°♍49'14		
evening set	-7024 Oct 12 j 06:23	15°♍00'27		
conjunction	-7024 Oct 28 j 19:54	17°♍00'48	1°48'18	
minimum elong	-7024 Oct 28 j 19:58	17°♍00'49	1°48'27	
max. Earth dist.	-7024 Oct 27 j 23:59	16°♍54'43	10.75380 AU	
morning rise	-7024 Nov 14 j 12:26	19°♍02'10		
retrograde	-7023 Feb 26 j 20:08	26°♍33'39		
opposition	-7023 May 08 j 12:29	23°♍10'26	1°59'22	
min. Earth dist.	-7023 May 09 j 04:40	23°♍07'21	8.67519 AU	
direct	-7023 Jul 16 j 13:20	19°♍50'09		
evening set	-7023 Oct 24 j 08:49	27°♍09'27		
max. Earth dist.	-7023 Nov 09 j 08:55	29°♍07'39	10.59464 AU	
conjunction	-7023 Nov 10 j 02:23	29°♍13'04	1°24'47	
minimum elong	-7023 Nov 10 j 02:26	29°♍13'05	1°24'51	
	-7023 Nov 16 j 09:46	0°♎		
morning rise	-7023 Nov 26 j 23:47	1°♎18'00		
retrograde	-7022 Mar 12 j 09:01	9°♎02'27		
opposition	-7022 May 21 j 17:14	5°♎37'20	1°27'32	
min. Earth dist.	-7022 May 22 j 06:20	5°♎34'49	8.51196 AU	
direct	-7022 Jul 28 j 23:53	2°♎16'11		
evening set	-7022 Nov 05 j 22:57	9°♎44'52		

Attention, astronomical year style is used: The year -7022 in astronomical counting style is the year 7023 BCE in historical counting style.

conjunction	-7022 Nov 22 j 21:09	11°♎52'06	0°56'28
minimum elong	-7022 Nov 22 j 21:12	11°♎52'07	0°56'26
max. Earth dist.	-7022 Nov 22 j 06:26	11°♎47'27	10.43041 AU
morning rise	-7022 Dec 10 j 00:09	14°♎00'55	
retrograde	-7021 Mar 26 j 08:44	21°♎58'52	
opposition	-7021 Jun 04 j 07:16	18°♎31'56	0°50'05
min. Earth dist.	-7021 Jun 04 j 17:15	18°♎29'59	8.34771 AU
direct	-7021 Aug 10 j 21:04	15°♎09'44	
evening set	-7021 Nov 19 j 02:30	22°♎48'50	
conjunction	-7021 Dec 06 j 05:47	24°♎59'54	0°24'20
minimum elong	-7021 Dec 06 j 05:48	24°♎59'54	0°24'11
max. Earth dist.	-7021 Dec 05 j 19:00	24°♎56'27	10.26904 AU
morning rise	-7021 Dec 23 j 14:31	27°♎12'43	
	-7020 Jan 15 j 18:25	0°♏	
retrograde	-7020 Apr 08 j 19:46	5°♏24'02	
opposition	-7020 Jun 17 j 06:23	1°♏55'25	0°08'26
min. Earth dist.	-7020 Jun 17 j 12:40	1°♏54'11	8.19103 AU
	-7020 Jul 12 j 23:04	30°℞♎	
direct	-7020 Aug 23 j 04:24	28°♎32'04	
desc. node	-7020 Aug 29 j 21:05	28°♎34'35	
	-7020 Oct 02 j 06:29	0°♏	
evening set	-7020 Dec 01 j 20:26	6°♏22'14	
conjunction	-7020 Dec 19 j 04:57	8°♏37'03	-0°10'15
minimum elong	-7020 Dec 19 j 04:56	8°♏37'03	0°10'30
behind sun begin	-7020 Dec 18 j 23:18	8°♏35'14	
behind sun end	-7020 Dec 19 j 10:33	8°♏38'52	
max. Earth dist.	-7020 Dec 18 j 23:37	8°♏35'20	10.11941 AU
morning rise	-7019 Jan 05 j 19:08	10°♏53'44	
	-7019 Feb 09 j 09:49	15°♏	
retrograde	-7019 Apr 23 j 16:53	19°♏17'28	
opposition	-7019 Jul 01 j 14:13	15°♏47'22	-0°35'16
min. Earth dist.	-7019 Jul 01 j 15:59	15°♏47'01	8.05106 AU
	-7019 Jul 11 j 10:28	15°℞♏	
direct	-7019 Sep 05 j 22:31	12°♏22'47	
	-7019 Oct 29 j 20:12	15°♏	
evening set	-7019 Dec 16 j 05:03	20°♏24'02	
conjunction	-7018 Jan 02 j 18:33	22°♏42'17	-0°45'09
minimum elong	-7018 Jan 02 j 18:31	22°♏42'16	0°45'29
max. Earth dist.	-7018 Jan 02 j 19:45	22°♏42'41	9.99058 AU
morning rise	-7018 Jan 20 j 13:33	25°♏02'23	
	-7018 Mar 03 j 19:36	0°♐	
retrograde	-7018 May 08 j 21:49	3°♐36'31	
opposition	-7018 Jul 16 j 05:18	0°♐05'15	-1°18'14
min. Earth dist.	-7018 Jul 16 j 02:00	0°♐05'56	7.93654 AU
	-7018 Jul 17 j 06:56	30°℞♏	
direct	-7018 Sep 20 j 03:14	26°♏39'24	
	-7018 Nov 20 j 05:17	0°♐	
evening set	-7018 Dec 31 j 03:50	4°♐51'01	
conjunction	-7017 Jan 17 j 21:42	7°♐12'07	-1°18'06
minimum elong	-7017 Jan 17 j 21:39	7°♐12'05	1°18'31
max. Earth dist.	-7017 Jan 18 j 05:13	7°♐14'37	9.89088 AU
morning rise	-7017 Feb 04 j 20:32	9°♐34'52	
retrograde	-7017 May 24 j 07:43	18°♐16'16	
opposition	-7017 Jul 31 j 01:32	14°♐44'14	-1°57'13
min. Earth dist.	-7017 Jul 30 j 17:22	14°♐45'55	7.85493 AU
direct	-7017 Oct 04 j 17:06	11°♐17'08	
evening set	-7016 Jan 15 j 14:20	19°♐37'27	
conjunction	-7016 Feb 02 j 11:41	22°♐00'33	-1°46'34
minimum elong	-7016 Feb 02 j 11:37	22°♐00'32	1°47'01
max. Earth dist.	-7016 Feb 03 j 00:52	22°♐04'58	9.82693 AU
morning rise	-7016 Feb 20 j 13:11	24°♐25'01	
	-7016 Apr 08 j 04:22	0°♑	
retrograde	-7016 Jun 07 j 19:05	3°♑09'42	
	-7016 Aug 09 j 12:26	30°℞♐	
opposition	-7016 Aug 14 j 00:41	29°♐37'21	-2°29'00
min. Earth dist.	-7016 Aug 13 j 12:36	29°♐39'53	7.81124 AU
direct	-7016 Oct 18 j 13:41	26°♐09'06	
	-7016 Dec 23 j 10:32	0°♑	
evening set	-7015 Jan 30 j 08:51	4°♑35'38	
conjunction	-7015 Feb 17 j 08:49	6°♑59'47	-2°08'11
minimum elong	-7015 Feb 17 j 08:46	6°♑59'45	2°08'38
max. Earth dist.	-7015 Feb 18 j 02:31	7°♑05'43	9.80247 AU
morning rise	-7015 Mar 07 j 11:52	9°♑24'54	
retrograde	-7015 Jun 23 j 04:41	18°♑08'31	
opposition	-7015 Aug 28 j 23:54	14°♑36'25	-2°50'49
min. Earth dist.	-7015 Aug 28 j 09:07	14°♑39'32	7.80760 AU
direct	-7015 Nov 02 j 15:04	11°♑07'13	
evening set	-7014 Feb 15 j 07:31	19°♑36'55	
conjunction	-7014 Mar 05 j 09:14	22°♑01'09	-2°21'09
minimum elong	-7014 Mar 05 j 09:12	22°♑01'09	2°21'36
max. Earth dist.	-7014 Mar 06 j 06:07	22°♑08'08	9.81880 AU
morning rise	-7014 Mar 23 j 12:46	24°♑25'54	
	-7014 May 10 j 04:57	0°♒	
retrograde	-7014 Jul 08 j 08:58	3°♒04'01	
	-7014 Sep 07 j 10:15	30°℞♑	
opposition	-7014 Sep 12 j 20:22	29°♑32'42	-3°00'56
min. Earth dist.	-7014 Sep 12 j 04:00	29°♑36'08	7.84454 AU
direct	-7014 Nov 17 j 19:02	26°♑02'51	
	-7013 Jan 24 j 10:26	0°♒	
evening set	-7013 Mar 03 j 05:24	4°♒32'09	
conjunction	-7013 Mar 21 j 07:58	6°♒55'30	-2°24'36
minimum elong	-7013 Mar 21 j 07:59	6°♒55'30	2°25'00
max. Earth dist.	-7013 Mar 22 j 06:44	7°♒03'03	9.87575 AU
morning rise	-7013 Apr 08 j 11:03	9°♒18'54	
	-7013 May 27 j 23:20	15°♒	
retrograde	-7013 Jul 23 j 04:18	17°♒47'27	
	-7013 Sep 18 j 22:34	15°℞♒	
opposition	-7013 Sep 27 j 11:44	14°♒17'20	-2°58'52
min. Earth dist.	-7013 Sep 26 j 18:34	14°♒20'56	7.92051 AU
direct	-7013 Dec 02 j 22:26	10°♒47'12	
	-7012 Feb 11 j 16:53	15°♒	
evening set	-7012 Mar 17 j 21:30	19°♒12'21	
conjunction	-7012 Apr 05 j 00:07	21°♒33'58	-2°18'37
minimum elong	-7012 Apr 05 j 00:10	21°♒33'59	2°18'57
max. Earth dist.	-7012 Apr 05 j 23:30	21°♒41'38	9.97010 AU
morning rise	-7012 Apr 23 j 01:53	23°♒55'10	
	-7012 Jun 17 j 02:35	0°♓	
retrograde	-7012 Aug 05 j 12:03	2°♓11'03	
	-7012 Sep 24 j 20:49	30°℞♒	
opposition	-7012 Oct 10 j 19:35	28°♒42'28	-2°45'28
min. Earth dist.	-7012 Oct 10 j 02:09	28°♒46'06	8.03070 AU
direct	-7012 Dec 16 j 22:24	25°♒12'25	
	-7011 Mar 03 j 20:59	0°♓	
evening set	-7011 Apr 02 j 04:14	3°♓30'15	
conjunction	-7011 Apr 20 j 06:07	5°♓49'26	-2°04'12
minimum elong	-7011 Apr 20 j 06:11	5°♓49'27	2°04'26
max. Earth dist.	-7011 Apr 21 j 04:50	5°♓56'46	10.09549 AU
morning rise	-7011 May 08 j 05:49	8°♓07'48	
retrograde	-7011 Aug 19 j 06:30	16°♓09'08	
opposition	-7011 Oct 24 j 18:17	12°♓42'20	-2°22'30
min. Earth dist.	-7011 Oct 24 j 01:21	12°♓45'48	8.16768 AU
direct	-7011 Dec 31 j 15:03	9°♓12'42	
evening set	-7010 Apr 16 j 22:54	17°♓20'55	

Attention, astronomical year style is used: The year -7010 in astronomical counting style is the year 7011 BCE in historical counting style.

conjunction	-7010 May 04 j 23:11	19°♓37'11	-1°42'57
minimum elong	-7010 May 04 j 23:15	19°♓37'12	1°43'05
max. Earth dist.	-7010 May 05 j 20:06	19°♓43'49	10.24345 AU
morning rise	-7010 May 22 j 20:01	21°♓52'15	
retrograde	-7010 Sep 01 j 13:58	29°♓38'30	
opposition	-7010 Nov 07 j 07:25	26°♓13'35	-1°52'21
min. Earth dist.	-7010 Nov 06 j 15:42	26°♓16'46	8.32267 AU
direct	-7009 Jan 14 j 22:00	22°♓44'44	
	-7009 Apr 25 j 09:14	0°♈	
evening set	-7009 May 01 j 03:52	0°♈41'58	
conjunction	-7009 May 19 j 01:37	2°♈54'58	-1°16'45
minimum elong	-7009 May 19 j 01:41	2°♈54'59	1°16'47
max. Earth dist.	-7009 May 19 j 20:07	3°♈00'44	10.40473 AU
morning rise	-7009 Jun 05 j 18:53	5°♈06'32	
retrograde	-7009 Sep 14 j 10:04	12°♈38'12	
opposition	-7009 Nov 20 j 10:49	9°♈15'12	-1°17'28
min. Earth dist.	-7009 Nov 19 j 21:36	9°♈17'50	8.48662 AU
direct	-7008 Jan 28 j 18:44	5°♈47'23	
evening set	-7008 May 13 j 19:01	13°♈33'12	
conjunction	-7008 May 31 j 13:24	15°♈42'49	-0°47'32
minimum elong	-7008 May 31 j 13:26	15°♈42'49	0°47'28
max. Earth dist.	-7008 Jun 01 j 04:23	15°♈47'24	10.57034 AU
morning rise	-7008 Jun 18 j 02:38	17°♈50'52	
retrograde	-7008 Sep 25 j 18:20	25°♈09'11	
opposition	-7008 Dec 02 j 04:55	21°♈48'04	-0°40'12
min. Earth dist.	-7008 Dec 01 j 19:16	21°♈49'57	8.65099 AU
direct	-7007 Feb 10 j 05:46	18°♈21'24	
evening set	-7007 May 26 j 20:52	25°♈56'10	
conjunction	-7007 Jun 13 j 11:08	28°♈02'25	-0°17'01
minimum elong	-7007 Jun 13 j 11:08	28°♈02'25	0°16'51
max. Earth dist.	-7007 Jun 13 j 21:10	28°♈05'25	10.73200 AU
	-7007 Jun 29 j 20:06	0°♉	
morning rise	-7007 Jun 30 j 20:03	0°♉07'04	
retrograde	-7007 Oct 07 j 17:22	7°♉13'50	
opposition	-7007 Dec 14 j 14:47	3°♉54'26	-0°02'30
min. Earth dist.	-7007 Dec 14 j 08:51	3°♉55'34	8.80798 AU
asc. node	-7006 Jan 08 j 18:58	2°♉04'23	
direct	-7006 Feb 23 j 06:53	0°♉29'04	
evening set	-7006 Jun 08 j 10:24	7°♉53'35	
conjunction	-7006 Jun 25 j 20:02	9°♉56'38	0°13'24
minimum elong	-7006 Jun 25 j 20:02	9°♉56'38	0°13'39
behind sun begin	-7006 Jun 25 j 16:11	9°♉55'30	
behind sun end	-7006 Jun 25 j 23:52	9°♉57'45	
max. Earth dist.	-7006 Jun 26 j 00:52	9°♉58'03	10.88253 AU
morning rise	-7006 Jul 13 j 00:27	11°♉58'07	
	-7006 Aug 09 j 18:32	15°♉	
retrograde	-7006 Oct 19 j 08:05	18°♉55'24	
opposition	-7006 Dec 26 j 17:29	15°♉37'29	0°34'01
min. Earth dist.	-7006 Dec 26 j 14:33	15°♉38'02	8.95098 AU
	-7005 Jan 04 j 00:12	15°℞♉	
direct	-7005 Mar 07 j 22:33	12°♉13'28	
	-7005 May 07 j 18:45	15°♉	
evening set	-7005 Jun 20 j 13:00	19°♉28'55	
conjunction	-7005 Jul 07 j 17:58	21°♉29'04	0°42'23
minimum elong	-7005 Jul 07 j 17:57	21°♉29'03	0°42'43
max. Earth dist.	-7005 Jul 07 j 18:41	21°♉29'16	11.01608 AU
morning rise	-7005 Jul 24 j 17:46	23°♉27'44	
	-7005 Oct 12 j 04:46	0°♊	
retrograde	-7005 Oct 30 j 18:25	0°♊17'42	
	-7005 Nov 18 j 12:02	30°℞♉	
opposition	-7004 Jan 07 j 14:22	27°♉01'01	1°08'06
min. Earth dist.	-7004 Jan 07 j 14:33	27°♉00'58	9.07464 AU
direct	-7004 Mar 19 j 06:01	23°♉38'20	
	-7004 Jun 24 j 10:10	0°♊	
evening set	-7004 Jul 01 j 06:17	0°♊46'05	
conjunction	-7004 Jul 18 j 06:38	2°♊43'42	1°09'04
minimum elong	-7004 Jul 18 j 06:35	2°♊43'41	1°09'28
max. Earth dist.	-7004 Jul 18 j 03:46	2°♊42'52	11.12781 AU
morning rise	-7004 Aug 04 j 01:56	4°♊39'57	
retrograde	-7004 Nov 10 j 01:04	11°♊24'44	
opposition	-7003 Jan 18 j 06:58	8°♊09'02	1°38'47
min. Earth dist.	-7003 Jan 18 j 11:05	8°♊08'16	9.17461 AU
direct	-7003 Mar 31 j 03:51	4°♊47'36	
evening set	-7003 Jul 12 j 16:13	11°♊49'11	
conjunction	-7003 Jul 29 j 11:57	13°♊44'42	1°32'41
minimum elong	-7003 Jul 29 j 11:54	13°♊44'41	1°33'08
max. Earth dist.	-7003 Jul 29 j 04:36	13°♊42'35	11.21401 AU
morning rise	-7003 Aug 15 j 03:15	15°♊39'02	
retrograde	-7003 Nov 21 j 03:28	22°♊20'44	
opposition	-7002 Jan 29 j 20:41	19°♊05'42	2°05'18
min. Earth dist.	-7002 Jan 30 j 04:52	19°♊04'12	9.24769 AU
direct	-7002 Apr 11 j 21:45	15°♊45'22	
evening set	-7002 Jul 23 j 20:20	22°♊42'22	
conjunction	-7002 Aug 09 j 11:52	24°♊36'14	1°52'38
minimum elong	-7002 Aug 09 j 11:49	24°♊36'13	1°53'06
max. Earth dist.	-7002 Aug 09 j 00:08	24°♊32'52	11.27214 AU
morning rise	-7002 Aug 25 j 23:52	26°♊29'08	
	-7002 Sep 28 j 23:46	0°♋	
retrograde	-7002 Dec 02 j 07:17	3°♋09'51	
	-7001 Feb 09 j 06:09	30°℞♊	
opposition	-7001 Feb 10 j 08:59	29°♊55'07	2°27'04
min. Earth dist.	-7001 Feb 10 j 19:50	29°♊53'08	9.29163 AU
direct	-7001 Apr 23 j 12:00	26°♊35'45	
	-7001 Jul 01 j 01:12	0°♋	
evening set	-7001 Aug 03 j 20:05	3°♋29'36	
conjunction	-7001 Aug 20 j 08:17	5°♋22'24	2°08'25
minimum elong	-7001 Aug 20 j 08:15	5°♋22'23	2°08'53
max. Earth dist.	-7001 Aug 19 j 18:06	5°♋18'19	11.30039 AU
morning rise	-7001 Sep 05 j 17:33	7°♋14'26	
retrograde	-7001 Dec 13 j 11:29	13°♋56'05	
opposition	-7000 Feb 21 j 21:10	10°♋41'18	2°43'33
min. Earth dist.	-7000 Feb 22 j 10:11	10°♋38'57	9.30492 AU
direct	-7000 May 03 j 21:45	7°♋22'42	
evening set	-7000 Aug 13 j 17:39	14°♋14'57	
max. Earth dist.	-7000 Aug 29 j 10:50	16°♋02'29	11.29777 AU
conjunction	-7000 Aug 30 j 03:15	16°♋07'12	2°19'38
minimum elong	-7000 Aug 30 j 03:13	16°♋07'12	2°20'05
morning rise	-7000 Sep 15 j 10:34	17°♋58'56	
retrograde	-7000 Dec 23 j 19:39	24°♋43'23	
opposition	-6999 Mar 04 j 10:39	21°♋28'15	2°54'21
min. Earth dist.	-6999 Mar 05 j 02:19	21°♋25'25	9.28710 AU
direct	-6999 May 15 j 06:30	18°♋10'09	
evening set	-6999 Aug 24 j 14:37	25°♋02'19	
conjunction	-6999 Sep 09 j 22:21	26°♋54'37	2°25'56
minimum elong	-6999 Sep 09 j 22:20	26°♋54'36	2°26'22
max. Earth dist.	-6999 Sep 09 j 02:52	26°♋48'59	11.26443 AU
morning rise	-6999 Sep 26 j 04:56	28°♋46'40	
	-6999 Oct 07 j 05:17	0°♌	
retrograde	-6998 Jan 04 j 05:28	5°♌35'42	
opposition	-6998 Mar 16 j 03:01	2°♌19'52	2°59'04
min. Earth dist.	-6998 Mar 16 j 21:04	2°♌16'35	9.23869 AU
	-6998 Apr 20 j 19:23	30°℞♋	
direct	-6998 May 26 j 14:10	29°♋02'00	

Attention, astronomical year style is used: The year -6998 in astronomical counting style is the year 6999 BCE in historical counting style.

	-6998 Jun 30 j 15:49	0°♌	
evening set	-6998 Sep 04 j 12:27	5°♌55'33	
conjunction	-6998 Sep 20 j 19:28	7°♌48'29	2°27'01
minimum elong	-6998 Sep 20 j 19:29	7°♌48'29	2°27'26
max. Earth dist.	-6998 Sep 19 j 22:21	7°♌42'20	11.20124 AU
morning rise	-6998 Oct 07 j 02:24	9°♌41'28	
	-6998 Dec 01 j 12:58	15°♌	
retrograde	-6997 Jan 15 j 23:05	16°♌36'55	
	-6997 Mar 03 j 23:15	15°℞♌	
opposition	-6997 Mar 27 j 23:14	13°♌19'59	2°57'23
min. Earth dist.	-6997 Mar 28 j 18:15	13°♌16'31	9.16084 AU
direct	-6997 Jun 07 j 02:19	10°♌02'06	
	-6997 Aug 28 j 18:16	15°♌	
evening set	-6997 Sep 15 j 13:12	16°♌58'31	
conjunction	-6997 Oct 01 j 20:47	18°♌52'44	2°22'41
minimum elong	-6997 Oct 01 j 20:49	18°♌52'45	2°23'02
max. Earth dist.	-6997 Sep 30 j 23:31	18°♌46'29	11.10964 AU
morning rise	-6997 Oct 18 j 04:59	20°♌47'16	
retrograde	-6996 Jan 27 j 23:56	27°♌50'46	
opposition	-6996 Apr 08 j 00:21	24°♌32'28	2°49'01
min. Earth dist.	-6996 Apr 08 j 19:16	24°♌28'59	9.05536 AU
direct	-6996 Jun 17 j 14:59	21°♌14'20	
evening set	-6996 Sep 25 j 18:43	28°♌15'07	
	-6996 Oct 10 j 14:04	0°♍	
max. Earth dist.	-6996 Oct 11 j 06:02	0°♍04'45	10.99184 AU
conjunction	-6996 Oct 12 j 03:51	0°♍11'15	2°12'45
minimum elong	-6996 Oct 12 j 03:54	0°♍11'15	2°13'02
morning rise	-6996 Oct 28 j 14:32	2°♍07'58	
retrograde	-6995 Feb 08 j 09:15	9°♍21'12	
opposition	-6995 Apr 20 j 08:07	6°♍01'17	2°33'47
min. Earth dist.	-6995 Apr 21 j 03:02	5°♍57'46	8.92507 AU
direct	-6995 Jun 29 j 08:00	2°♍42'39	
evening set	-6995 Oct 07 j 06:54	9°♍49'24	
conjunction	-6995 Oct 23 j 18:33	11°♍48'02	1°57'13
minimum elong	-6995 Oct 23 j 18:36	11°♍48'03	1°57'24
max. Earth dist.	-6995 Oct 22 j 20:26	11°♍41'22	10.85154 AU
morning rise	-6995 Nov 09 j 08:57	13°♍47'35	
retrograde	-6994 Feb 21 j 04:44	21°♍12'07	
opposition	-6994 May 02 j 23:33	17°♍50'23	2°11'40
min. Earth dist.	-6994 May 03 j 17:55	17°♍46'56	8.77476 AU
direct	-6994 Jul 11 j 07:24	14°♍31'00	
evening set	-6994 Oct 19 j 03:53	21°♍45'15	
conjunction	-6994 Nov 04 j 19:10	23°♍46'57	1°36'11
minimum elong	-6994 Nov 04 j 19:14	23°♍46'58	1°36'17
max. Earth dist.	-6994 Nov 03 j 22:30	23°♍40'36	10.69438 AU
morning rise	-6994 Nov 21 j 14:12	25°♍49'51	
	-6994 Dec 29 j 12:54	0°♎	
retrograde	-6993 Mar 06 j 09:47	3°♎26'55	
opposition	-6993 May 15 j 23:16	0°♎03'13	1°42'53
	-6993 May 16 j 16:06	30°℞♍	
min. Earth dist.	-6993 May 16 j 15:52	0°♎00'03	8.61106 AU
direct	-6993 Jul 23 j 14:58	26°♍42'51	
	-6993 Sep 24 j 17:05	0°♎	
evening set	-6993 Oct 31 j 11:33	4°♎05'58	
conjunction	-6993 Nov 17 j 07:25	6°♎11'10	1°10'06
minimum elong	-6993 Nov 17 j 07:28	6°♎11'11	1°10'06
max. Earth dist.	-6993 Nov 16 j 14:10	6°♎05'47	10.52734 AU
morning rise	-6993 Dec 04 j 07:37	8°♎17'50	
retrograde	-6992 Mar 19 j 03:04	16°♎08'17	
opposition	-6992 May 28 j 08:03	12°♎42'31	1°08'03
min. Earth dist.	-6992 May 28 j 21:10	12°♎39'58	8.44152 AU

direct	-6992 Aug 04 j 07:48	9°♎21'01	
evening set	-6992 Nov 12 j 07:40	16°♎54'07	
conjunction	-6992 Nov 29 j 08:32	19°♎03'08	0°39'42
minimum elong	-6992 Nov 29 j 08:33	19°♎03'08	0°39'36
max. Earth dist.	-6992 Nov 28 j 19:20	18°♎58'57	10.35835 AU
morning rise	-6992 Dec 16 j 14:16	21°♎13'48	
retrograde	-6991 Apr 02 j 09:09	29°♎17'54	
opposition	-6991 Jun 11 j 02:08	25°♎50'08	0°28'19
min. Earth dist.	-6991 Jun 11 j 10:56	25°♎48'24	8.27467 AU
direct	-6991 Aug 17 j 08:46	22°♎27'21	
	-6991 Nov 24 j 05:54	0°♏	
evening set	-6991 Nov 25 j 17:52	0°♏11'21	
conjunction	-6991 Dec 12 j 23:52	2°♏24'13	0°06'15
minimum elong	-6991 Dec 12 j 23:52	2°♏24'13	0°06'03
behind sun begin	-6991 Dec 12 j 17:03	2°♏22'02	
behind sun end	-6991 Dec 13 j 06:42	2°♏26'24	
max. Earth dist.	-6991 Dec 12 j 15:07	2°♏21'24	10.19628 AU
morning rise	-6991 Dec 30 j 11:17	4°♏38'54	
desc. node	-6990 Feb 18 j 23:54	10°♏15'29	
retrograde	-6990 Apr 17 j 01:31	12°♏56'09	
opposition	-6990 Jun 25 j 05:10	9°♏26'34	-0°14'34
min. Earth dist.	-6990 Jun 25 j 09:32	9°♏25'41	8.11966 AU
direct	-6990 Aug 30 j 20:09	6°♏02'22	
evening set	-6990 Dec 09 j 18:48	13°♏57'44	
	-6990 Dec 17 j 19:04	15°♏	
conjunction	-6990 Dec 27 j 05:52	16°♏14'18	-0°28'44
minimum elong	-6990 Dec 27 j 05:50	16°♏14'17	0°29'01
max. Earth dist.	-6990 Dec 27 j 01:57	16°♏13'01	10.05028 AU
morning rise	-6989 Jan 13 j 22:35	18°♏32'44	
retrograde	-6989 May 02 j 02:12	27°♏01'43	
opposition	-6989 Jul 09 j 16:20	23°♏30'37	-0°58'09
min. Earth dist.	-6989 Jul 09 j 16:23	23°♏30'36	7.98561 AU
direct	-6989 Sep 13 j 19:20	20°♏04'58	
evening set	-6989 Dec 24 j 10:19	28°♏11'29	
	-6988 Jan 07 j 03:51	0°♐	
conjunction	-6988 Jan 11 j 01:58	0°♐31'16	-1°02'51
minimum elong	-6988 Jan 11 j 01:55	0°♐31'15	1°03'14
max. Earth dist.	-6988 Jan 11 j 03:47	0°♐31'52	9.92933 AU
morning rise	-6988 Jan 28 j 23:08	2°♐52'51	
retrograde	-6988 May 16 j 09:24	11°♐31'07	
opposition	-6988 Jul 23 j 10:00	7°♐58'56	-1°39'24
min. Earth dist.	-6988 Jul 23 j 05:46	7°♐59'48	7.88115 AU
direct	-6988 Sep 27 j 04:35	4°♐31'52	
evening set	-6987 Jan 07 j 14:57	12°♐48'23	
conjunction	-6987 Jan 25 j 10:36	15°♐10'43	-1°33'44
minimum elong	-6987 Jan 25 j 10:32	15°♐10'42	1°34'10
max. Earth dist.	-6987 Jan 25 j 18:40	15°♐13'25	9.84164 AU
morning rise	-6987 Feb 12 j 11:07	17°♐34'37	
retrograde	-6987 May 31 j 20:08	26°♐18'38	
opposition	-6987 Aug 07 j 08:02	22°♐45'49	-2°15'00
min. Earth dist.	-6987 Aug 06 j 23:25	22°♐47'38	7.81352 AU
direct	-6987 Oct 11 j 22:02	19°♐17'29	
evening set	-6986 Jan 23 j 05:59	27°♐41'54	
	-6986 Feb 09 j 11:24	0°♑	
conjunction	-6986 Feb 10 j 04:50	0°♑05'52	-1°58'52
minimum elong	-6986 Feb 10 j 04:46	0°♑05'51	1°59'20
max. Earth dist.	-6986 Feb 10 j 18:51	0°♑10'35	9.79355 AU
morning rise	-6986 Feb 28 j 07:31	2°♑31'02	
retrograde	-6986 Jun 16 j 07:03	11°♑16'26	
opposition	-6986 Aug 22 j 07:44	7°♑43'34	-2°41'53
min. Earth dist.	-6986 Aug 21 j 19:05	7°♑46'14	7.78748 AU

Attention, astronomical year style is used: The year -6986 in astronomical counting style is the year 6987 BCE in historical counting style.

direct	-6986 Oct 26 j 22:00	4°♑14'10	
evening set	-6985 Feb 08 j 03:30	12°♑43'29	
conjunction	-6985 Feb 26 j 04:35	15°♑08'03	-2°16'09
minimum elong	-6985 Feb 26 j 04:32	15°♑08'02	2°16'36
max. Earth dist.	-6985 Feb 26 j 23:42	15°♑14'28	9.78862 AU
morning rise	-6985 Mar 16 j 08:10	17°♑33'21	
retrograde	-6985 Jul 01 j 14:21	26°♑15'25	
opposition	-6985 Sep 06 j 06:03	22°♑43'02	-2°57'44
min. Earth dist.	-6985 Sep 05 j 14:05	22°♑46'24	7.80488 AU
direct	-6985 Nov 11 j 01:46	19°♑12'53	
evening set	-6984 Feb 24 j 02:27	27°♑43'29	
	-6984 Mar 12 j 06:10	0°♒	
conjunction	-6984 Mar 13 j 04:53	0°♒07'35	-2°24'11
minimum elong	-6984 Mar 13 j 04:53	0°♒07'35	2°24'37
max. Earth dist.	-6984 Mar 14 j 03:54	0°♒15'17	9.82737 AU
morning rise	-6984 Mar 31 j 08:20	2°♒31'58	
retrograde	-6984 Jul 15 j 14:20	11°♒06'15	
min. Earth dist.	-6984 Sep 19 j 06:05	7°♒38'44	7.86447 AU
opposition	-6984 Sep 20 j 00:21	7°♒34'53	-3°01'26
direct	-6984 Nov 25 j 05:45	4°♒04'21	
evening set	-6983 Mar 10 j 21:52	12°♒32'24	
conjunction	-6983 Mar 29 j 00:50	14°♒55'09	-2°22'37
minimum elong	-6983 Mar 29 j 00:52	14°♒55'09	2°22'58
	-6983 Mar 29 j 15:32	15°♒	
max. Earth dist.	-6983 Mar 30 j 02:03	15°♒03'29	9.90691 AU
morning rise	-6983 Apr 16 j 03:20	17°♒17'40	
retrograde	-6983 Jul 30 j 04:16	25°♒40'30	
opposition	-6983 Oct 04 j 12:07	22°♒10'38	-2°53'13
min. Earth dist.	-6983 Oct 03 j 17:11	22°♒14'35	7.96181 AU
direct	-6983 Dec 10 j 06:58	18°♒40'06	
evening set	-6982 Mar 26 j 09:47	27°♒02'12	
conjunction	-6982 Apr 13 j 12:21	29°♒22'47	-2°12'00
minimum elong	-6982 Apr 13 j 12:25	29°♒22'48	2°12'17
max. Earth dist.	-6982 Apr 14 j 13:40	29°♒31'02	10.02138 AU
	-6982 Apr 18 j 06:39	0°♓	
morning rise	-6982 May 01 j 13:04	1°♓42'43	
retrograde	-6982 Aug 13 j 06:16	9°♓51'38	
opposition	-6982 Oct 18 j 15:30	6°♓23'37	-2°34'28
min. Earth dist.	-6982 Oct 17 j 21:18	6°♓27'23	8.09012 AU
direct	-6982 Dec 25 j 02:15	2°♓53'31	
evening set	-6981 Apr 10 j 10:45	11°♓06'56	
conjunction	-6981 Apr 28 j 11:59	13°♓24'47	-1°53'44
minimum elong	-6981 Apr 28 j 12:03	13°♓24'48	1°53'54
max. Earth dist.	-6981 Apr 29 j 11:37	13°♓32'21	10.16294 AU
morning rise	-6981 May 16 j 10:14	15°♓41'35	
retrograde	-6981 Aug 26 j 20:14	23°♓35'27	
opposition	-6981 Nov 01 j 09:38	20°♓09'31	-2°07'20
min. Earth dist.	-6981 Oct 31 j 17:01	20°♓12'54	8.24109 AU
direct	-6980 Jan 08 j 13:50	16°♓40'12	
evening set	-6980 Apr 23 j 22:35	24°♓43'08	
conjunction	-6980 May 11 j 21:36	26°♓57'49	-1°29'35
minimum elong	-6980 May 11 j 21:40	26°♓57'51	1°29'39
max. Earth dist.	-6980 May 12 j 18:11	27°♓04'18	10.32261 AU
morning rise	-6980 May 29 j 16:47	29°♓11'12	
	-6980 Jun 05 j 09:00	0°♈	
retrograde	-6980 Sep 07 j 21:13	6°♈50'04	
opposition	-6980 Nov 13 j 17:57	3°♈26'15	-1°34'18
min. Earth dist.	-6980 Nov 13 j 03:23	3°♈29'10	8.40565 AU
	-6979 Jan 15 j 14:16	30°♓	
direct	-6979 Jan 21 j 16:54	29°♓58'02	
	-6979 Jan 27 j 19:52	0°♈	

evening set	-6979 May 07 j 20:51	7°♈49'40	
conjunction	-6979 May 25 j 16:52	10°♈00'58	-1°01'30
minimum elong	-6979 May 25 j 16:55	10°♈00'59	1°01'28
max. Earth dist.	-6979 May 26 j 09:30	10°♈06'06	10.49107 AU
morning rise	-6979 Jun 12 j 08:19	12°♈10'47	
retrograde	-6979 Sep 20 j 10:17	19°♈35'34	
opposition	-6979 Nov 26 j 16:40	16°♈13'49	-0°57'48
min. Earth dist.	-6979 Nov 26 j 04:18	16°♈16'15	8.57465 AU
direct	-6978 Feb 04 j 09:58	12°♈46'54	
evening set	-6978 May 21 j 05:31	20°♈27'10	
conjunction	-6978 Jun 07 j 21:50	22°♈35'02	-0°31'19
minimum elong	-6978 Jun 07 j 21:52	22°♈35'02	0°31'12
max. Earth dist.	-6978 Jun 08 j 10:49	22°♈38'58	10.65937 AU
morning rise	-6978 Jun 25 j 08:58	24°♈41'19	
	-6978 Aug 16 j 12:34	0°♉	
retrograde	-6978 Oct 02 j 15:27	1°♉53'36	
	-6978 Nov 20 j 02:55	30°♓♈	
opposition	-6978 Dec 09 j 06:51	28°♈33'46	-0°20'00
min. Earth dist.	-6978 Dec 08 j 21:32	28°♈35'34	8.73963 AU
direct	-6977 Feb 17 j 15:40	25°♈08'15	
	-6977 May 10 j 12:22	0°♉	
evening set	-6977 Jun 03 j 01:10	2°♉37'39	
conjunction	-6977 Jun 20 j 13:12	4°♉42'13	-0°00'40
minimum elong	-6977 Jun 20 j 13:12	4°♉42'13	0°00'27
behind sun begin	-6977 Jun 20 j 06:04	4°♉40'07	
behind sun end	-6977 Jun 20 j 20:19	4°♉44'19	
max. Earth dist.	-6977 Jun 20 j 22:09	4°♉44'52	10.81937 AU
asc. node	-6977 Jun 28 j 17:04	5°♉40'39	
morning rise	-6977 Jul 07 j 19:40	6°♉45'09	
retrograde	-6977 Oct 14 j 11:07	13°♉46'50	
opposition	-6977 Dec 21 j 13:18	10°♉28'41	0°17'17
min. Earth dist.	-6977 Dec 21 j 08:09	10°♉29'40	8.89294 AU
direct	-6976 Mar 01 j 10:45	7°♉04'32	
evening set	-6976 Jun 14 j 09:22	14°♉24'10	
	-6976 Jun 19 j 12:57	15°♉	
conjunction	-6976 Jul 01 j 16:38	16°♉25'38	0°29'10
minimum elong	-6976 Jul 01 j 16:37	16°♉25'38	0°29'28
max. Earth dist.	-6976 Jul 01 j 20:21	16°♉26'44	10.96386 AU
morning rise	-6976 Jul 18 j 18:31	18°♉25'33	
retrograde	-6976 Oct 24 j 22:59	25°♉18'45	
opposition	-6975 Jan 01 j 13:05	22°♉02'00	0°52'40
min. Earth dist.	-6975 Jan 01 j 12:33	22°♉02'06	9.02780 AU
direct	-6975 Mar 13 j 22:31	18°♉39'10	
evening set	-6975 Jun 26 j 07:31	25°♉50'26	
conjunction	-6975 Jul 13 j 09:54	27°♉49'09	0°57'03
minimum elong	-6975 Jul 13 j 09:52	27°♉49'08	0°57'25
max. Earth dist.	-6975 Jul 13 j 07:39	27°♉48'30	11.08674 AU
morning rise	-6975 Jul 30 j 07:22	29°♉46'27	
	-6975 Aug 01 j 07:00	0°♊	
retrograde	-6975 Nov 05 j 06:49	6°♊33'27	
opposition	-6974 Jan 13 j 07:55	3°♊17'46	1°25'03
min. Earth dist.	-6974 Jan 13 j 11:03	3°♊17'11	9.13871 AU
	-6974 Mar 17 j 02:42	30°♓♉	
direct	-6974 Mar 26 j 02:06	29°♉56'11	
	-6974 Apr 04 j 01:15	0°♊	
evening set	-6974 Jul 07 j 21:06	7°♊00'35	
conjunction	-6974 Jul 24 j 18:53	8°♊57'00	1°22'11
minimum elong	-6974 Jul 24 j 18:50	8°♊57'00	1°22'36
max. Earth dist.	-6974 Jul 24 j 12:25	8°♊55'08	11.18366 AU
morning rise	-6974 Aug 10 j 12:05	10°♊52'10	
retrograde	-6974 Nov 16 j 11:49	17°♊35'11	

Attention, astronomical year style is used: The year -6973 in astronomical counting style is the year 6974 BCE in historical counting style.

opposition	-6973 Jan 24 j 23:14	14°♊20'13	1°53'36
min. Earth dist.	-6973 Jan 25 j 05:30	14°♊19'04	9.22225 AU
direct	-6973 Apr 06 j 23:28	10°♊59'44	
evening set	-6973 Jul 19 j 04:07	17°♊58'49	
conjunction	-6973 Aug 04 j 21:41	19°♊53'25	1°43'54
minimum elong	-6973 Aug 04 j 21:38	19°♊53'24	1°44'21
max. Earth dist.	-6973 Aug 04 j 11:55	19°♊50'36	11.25213 AU
morning rise	-6973 Aug 21 j 11:04	21°♊46'55	
retrograde	-6973 Nov 27 j 16:25	28°♊27'59	
opposition	-6972 Feb 05 j 12:19	25°♊13'23	2°17'38
min. Earth dist.	-6972 Feb 05 j 22:23	25°♊11'33	9.27651 AU
direct	-6972 Apr 17 j 14:25	21°♊53'47	
evening set	-6972 Jul 29 j 06:11	28°♊49'05	
	-6972 Aug 08 j 16:10	0°♋	
conjunction	-6972 Aug 14 j 19:56	0°♋42'21	2°01'40
minimum elong	-6972 Aug 14 j 19:54	0°♋42'21	2°02'08
max. Earth dist.	-6972 Aug 14 j 05:58	0°♋38'21	11.29064 AU
morning rise	-6972 Aug 31 j 06:20	2°♋34'46	
retrograde	-6972 Dec 07 j 18:40	9°♋15'52	
opposition	-6971 Feb 16 j 00:45	6°♋01'15	2°36'38
min. Earth dist.	-6971 Feb 16 j 14:29	5°♋58'45	9.30020 AU
direct	-6971 Apr 29 j 01:28	2°♋42'16	
evening set	-6971 Aug 09 j 04:55	9°♋35'19	
conjunction	-6971 Aug 25 j 15:31	11°♋27'48	2°15'03
minimum elong	-6971 Aug 25 j 15:29	11°♋27'47	2°15'31
max. Earth dist.	-6971 Aug 24 j 22:01	11°♋22'47	11.29840 AU
morning rise	-6971 Sep 10 j 23:46	13°♋19'39	
retrograde	-6971 Dec 19 j 00:31	20°♋02'44	
opposition	-6970 Feb 27 j 13:44	16°♋47'42	2°50'08
min. Earth dist.	-6970 Feb 28 j 05:46	16°♋44'48	9.29283 AU
direct	-6970 May 10 j 12:54	13°♋29'09	
evening set	-6970 Aug 20 j 01:57	20°♋21'25	
conjunction	-6970 Sep 05 j 10:29	22°♋13'42	2°23'40
minimum elong	-6970 Sep 05 j 10:29	22°♋13'41	2°24'07
max. Earth dist.	-6970 Sep 04 j 15:28	22°♋08'13	11.27536 AU
morning rise	-6970 Sep 21 j 17:22	24°♋05'36	
	-6970 Nov 27 j 07:09	0°♌	
retrograde	-6970 Dec 30 j 09:36	0°♌52'29	
	-6969 Feb 02 j 05:40	30°℞♋	
opposition	-6969 Mar 11 j 04:36	27°♋36'41	2°57'43
min. Earth dist.	-6969 Mar 11 j 21:47	27°♋33'34	9.25473 AU
direct	-6969 May 21 j 21:21	24°♋18'21	
	-6969 Aug 20 j 06:53	0°♌	
evening set	-6969 Aug 30 j 23:02	1°♌11'19	
max. Earth dist.	-6969 Sep 15 j 10:03	2°♌58'04	11.22226 AU
conjunction	-6969 Sep 16 j 06:29	3°♌03'59	2°27'12
minimum elong	-6969 Sep 16 j 06:29	3°♌03'59	2°27'37
morning rise	-6969 Oct 02 j 13:04	4°♌56'33	
retrograde	-6968 Jan 11 j 00:56	11°♌49'02	
opposition	-6968 Mar 21 j 22:45	8°♌32'12	2°59'03
min. Earth dist.	-6968 Mar 22 j 17:28	8°♌28'47	9.18703 AU
direct	-6968 Jun 01 j 06:50	5°♌13'51	
evening set	-6968 Sep 09 j 22:14	12°♌09'02	
max. Earth dist.	-6968 Sep 25 j 07:09	13°♌56'12	11.14076 AU
conjunction	-6968 Sep 26 j 05:27	14°♌02'43	2°25'24
minimum elong	-6968 Sep 26 j 05:28	14°♌02'44	2°25'46
	-6968 Oct 04 j 09:26	15°♌	
morning rise	-6968 Oct 12 j 12:58	15°♌56'34	
retrograde	-6967 Jan 21 j 20:06	22°♌56'23	
opposition	-6967 Apr 02 j 21:28	19°♌38'15	2°53'48
min. Earth dist.	-6967 Apr 03 j 17:24	19°♌34'35	9.09189 AU
direct	-6967 Jun 12 j 17:21	16°♌19'41	
evening set	-6967 Sep 21 j 01:11	23°♌18'38	
max. Earth dist.	-6967 Oct 06 j 10:42	25°♌07'12	11.03349 AU
conjunction	-6967 Oct 07 j 09:23	25°♌13'55	2°18'04
minimum elong	-6967 Oct 07 j 09:25	25°♌13'56	2°18'22
morning rise	-6967 Oct 23 j 18:58	27°♌09'41	
	-6967 Nov 18 j 15:14	0°♍	
retrograde	-6966 Feb 03 j 00:22	4°♍18'33	
opposition	-6966 Apr 15 j 02:04	0°♍58'51	2°41'46
min. Earth dist.	-6966 Apr 15 j 21:43	0°♍55'12	8.97239 AU
	-6966 Apr 28 j 12:24	30°℞♌	
direct	-6966 Jun 24 j 09:58	27°♌39'52	
	-6966 Aug 17 j 10:22	0°♍	
evening set	-6966 Oct 02 j 09:44	4°♍44'03	
conjunction	-6966 Oct 18 j 20:13	6°♍41'36	2°05'07
minimum elong	-6966 Oct 18 j 20:16	6°♍41'36	2°05'20
max. Earth dist.	-6966 Oct 17 j 22:58	6°♍35'12	10.90383 AU
morning rise	-6966 Nov 04 j 08:50	8°♍39'53	
retrograde	-6965 Feb 15 j 16:14	15°♍59'19	
opposition	-6965 Apr 27 j 13:36	12°♍37'53	2°22'49
min. Earth dist.	-6965 Apr 28 j 07:34	12°♍34'32	8.83247 AU
direct	-6965 Jul 06 j 06:44	9°♍18'22	
evening set	-6965 Oct 14 j 02:16	16°♍29'14	
conjunction	-6965 Oct 30 j 15:57	18°♍29'34	1°46'36
minimum elong	-6965 Oct 30 j 16:00	18°♍29'35	1°46'43
max. Earth dist.	-6965 Oct 29 j 20:07	18°♍23'32	10.75623 AU
morning rise	-6965 Nov 16 j 08:37	20°♍30'57	
retrograde	-6964 Feb 28 j 16:33	28°♍02'17	
opposition	-6964 May 09 j 09:02	24°♍39'01	1°57'03
min. Earth dist.	-6964 May 10 j 00:57	24°♍36'00	8.67729 AU
direct	-6964 Jul 17 j 08:41	21°♍18'44	
evening set	-6964 Oct 25 j 04:36	28°♍37'47	
	-6964 Nov 05 j 08:40	0°♎	
conjunction	-6964 Nov 10 j 22:14	0°♎41'23	1°22'46
minimum elong	-6964 Nov 10 j 22:17	0°♎41'24	1°22'49
max. Earth dist.	-6964 Nov 10 j 03:56	0°♎35'43	10.59649 AU
morning rise	-6964 Nov 27 j 19:55	2°♎46'19	
retrograde	-6963 Mar 13 j 04:43	10°♎30'36	
opposition	-6963 May 22 j 13:34	7°♎05'28	1°24'54
min. Earth dist.	-6963 May 23 j 03:13	7°♎02'50	8.51339 AU
direct	-6963 Jul 29 j 20:24	3°♎44'16	
evening set	-6963 Nov 06 j 18:32	11°♎12'43	
conjunction	-6963 Nov 23 j 16:51	13°♎19'58	0°54'14
minimum elong	-6963 Nov 23 j 16:54	13°♎19'59	0°54'11
max. Earth dist.	-6963 Nov 23 j 01:42	13°♎15'11	10.43157 AU
morning rise	-6963 Dec 10 j 20:07	15°♎28'49	
retrograde	-6962 Mar 27 j 04:43	23°♎26'38	
opposition	-6962 Jun 05 j 03:23	19°♎59'39	0°47'13
min. Earth dist.	-6962 Jun 05 j 14:01	19°♎57'34	8.34844 AU
direct	-6962 Aug 11 j 17:03	16°♎37'23	
evening set	-6962 Nov 19 j 21:58	24°♎16'19	
conjunction	-6962 Dec 07 j 01:29	26°♎27'23	0°22'00
minimum elong	-6962 Dec 07 j 01:30	26°♎27'24	0°21'51
max. Earth dist.	-6962 Dec 06 j 15:04	26°♎24'03	10.26944 AU
morning rise	-6962 Dec 24 j 10:23	28°♎40'14	
	-6961 Jan 04 j 04:32	0°♏	
retrograde	-6961 Apr 10 j 15:20	6°♏51'28	
opposition	-6961 Jun 19 j 02:13	3°♏22'47	0°05'30
min. Earth dist.	-6961 Jun 19 j 08:40	3°♏21'30	8.19101 AU
desc. node	-6961 Aug 06 j 04:10	0°♏18'54	
	-6961 Aug 21 j 15:02	30°℞♎	

Attention, astronomical year style is used: The year -6961 in astronomical counting style is the year 6962 BCE in historical counting style.

direct	-6961 Aug 25 j 00:28	29°♎59'21	
	-6961 Aug 28 j 09:52	0°♏	
evening set	-6961 Dec 03 j 15:59	7°♏49'27	
conjunction	-6961 Dec 21 j 00:45	10°♏04'18	-0°12'34
minimum elong	-6961 Dec 21 j 00:44	10°♏04'18	0°12'49
behind sun begin	-6961 Dec 20 j 20:16	10°♏02'52	
behind sun end	-6961 Dec 21 j 05:13	10°♏05'45	
max. Earth dist.	-6961 Dec 20 j 20:02	10°♏02'47	10.11894 AU
morning rise	-6960 Jan 07 j 14:59	12°♏21'00	
	-6960 Jan 29 j 04:50	15°♏	
retrograde	-6960 Apr 24 j 11:57	20°♏44'43	
opposition	-6960 Jul 02 j 09:49	17°♏14'33	-0°38'06
min. Earth dist.	-6960 Jul 02 j 11:15	17°♏14'15	8.05018 AU
	-6960 Aug 01 j 15:53	15℞♏	
direct	-6960 Sep 06 j 18:51	13°♏49'54	
	-6960 Oct 12 j 02:33	15°♏	
evening set	-6960 Dec 17 j 00:45	21°♏51'11	
conjunction	-6959 Jan 03 j 14:23	24°♏09'29	-0°47'20
minimum elong	-6959 Jan 03 j 14:21	24°♏09'28	0°47'40
max. Earth dist.	-6959 Jan 03 j 15:50	24°♏09'58	9.98926 AU
morning rise	-6959 Jan 21 j 09:23	26°♏29'36	
	-6959 Feb 19 j 01:11	0°♐	
retrograde	-6959 May 09 j 17:17	5°♐03'49	
opposition	-6959 Jul 17 j 00:51	1°♐32'28	-1°20'49
min. Earth dist.	-6959 Jul 16 j 21:04	1°♐33'15	7.93495 AU
	-6959 Aug 05 j 12:12	30℞♏	
direct	-6959 Sep 20 j 22:38	28°♏06'34	
	-6959 Nov 05 j 00:47	0°♐	
evening set	-6959 Dec 31 j 23:46	6°♐18'20	
conjunction	-6958 Jan 18 j 17:39	8°♐39'28	-1°20'01
minimum elong	-6958 Jan 18 j 17:35	8°♐39'27	1°20'26
max. Earth dist.	-6958 Jan 19 j 00:56	8°♐41'54	9.88904 AU
morning rise	-6958 Feb 05 j 16:31	11°♐02'16	
retrograde	-6958 May 25 j 03:53	19°♐43'47	
opposition	-6958 Jul 31 j 21:11	16°♐11'43	-1°59'23
min. Earth dist.	-6958 Jul 31 j 12:57	16°♐13'25	7.85305 AU
direct	-6958 Oct 05 j 11:27	12°♐44'34	
evening set	-6957 Jan 16 j 10:37	21°♐05'08	
conjunction	-6957 Feb 03 j 07:57	23°♐28'16	-1°48'05
minimum elong	-6957 Feb 03 j 07:53	23°♐28'15	1°48'32
max. Earth dist.	-6957 Feb 03 j 20:32	23°♐32'30	9.82517 AU
morning rise	-6957 Feb 21 j 09:33	25°♐52'47	
	-6957 Mar 26 j 22:59	0°♑	
retrograde	-6957 Jun 09 j 16:05	4°♑37'34	
opposition	-6957 Aug 15 j 20:27	1°♑05'13	-2°30'35
min. Earth dist.	-6957 Aug 15 j 08:44	1°♑07'41	7.80985 AU
	-6957 Aug 29 j 01:14	30℞♐	
direct	-6957 Oct 20 j 08:30	27°♐36'54	
	-6957 Dec 10 j 06:04	0°♑	
evening set	-6956 Feb 01 j 05:29	6°♑03'41	
conjunction	-6956 Feb 19 j 05:22	8°♑27'50	-2°09'11
minimum elong	-6956 Feb 19 j 05:19	8°♑27'49	2°09'38
max. Earth dist.	-6956 Feb 19 j 22:22	8°♑33'33	9.80160 AU
morning rise	-6956 Mar 08 j 08:29	10°♑52'59	
retrograde	-6956 Jun 24 j 01:48	19°♑36'32	
opposition	-6956 Aug 29 j 19:43	16°♑04'26	-2°51'42
min. Earth dist.	-6956 Aug 29 j 05:31	16°♑07'26	7.80739 AU
direct	-6956 Nov 03 j 11:28	12°♑35'10	
evening set	-6955 Feb 16 j 04:09	21°♑04'59	
conjunction	-6955 Mar 06 j 05:47	23°♑29'12	-2°21'34
minimum elong	-6955 Mar 06 j 05:46	23°♑29'11	2°22'00
max. Earth dist.	-6955 Mar 07 j 01:50	23°♑35'54	9.81909 AU
morning rise	-6955 Mar 24 j 09:24	25°♑53'56	
	-6955 Apr 26 j 21:25	0°♒	
retrograde	-6955 Jul 09 j 05:02	4°♒31'51	
opposition	-6955 Sep 13 j 16:08	1°♒00'34	-3°01'03
min. Earth dist.	-6955 Sep 13 j 00:20	1°♒03'54	7.84516 AU
	-6955 Sep 25 j 20:09	30℞♑	
direct	-6955 Nov 18 j 16:10	27°♑30'41	
	-6954 Jan 10 j 06:10	0°♒	
evening set	-6954 Mar 04 j 01:56	6°♒00'02	
conjunction	-6954 Mar 22 j 04:32	8°♒23'23	-2°24'24
minimum elong	-6954 Mar 22 j 04:33	8°♒23'23	2°24'47
max. Earth dist.	-6954 Mar 23 j 02:31	8°♒30'41	9.87646 AU
morning rise	-6954 Apr 09 j 07:41	10°♒46'46	
	-6954 May 14 j 06:19	15°♒	
retrograde	-6954 Jul 23 j 23:15	19°♒15'09	
opposition	-6954 Sep 28 j 07:23	15°♒45'05	-2°58'14
min. Earth dist.	-6954 Sep 27 j 14:22	15°♒48'39	7.92116 AU
	-6954 Oct 07 j 08:25	15℞♒	
direct	-6954 Dec 03 j 19:39	12°♒14'58	
	-6953 Jan 28 j 20:02	15°♒	
evening set	-6953 Mar 19 j 18:06	20°♒40'12	
conjunction	-6953 Apr 06 j 20:49	23°♒01'50	-2°17'49
minimum elong	-6953 Apr 06 j 20:52	23°♒01'51	2°18'08
max. Earth dist.	-6953 Apr 07 j 19:49	23°♒09'23	9.97059 AU
morning rise	-6953 Apr 24 j 22:34	25°♒23'01	
	-6953 Jun 03 j 05:37	0°♓	
retrograde	-6953 Aug 07 j 06:44	3°♓38'48	
opposition	-6953 Oct 12 j 15:13	0°♓10'18	-2°44'06
min. Earth dist.	-6953 Oct 11 j 21:31	0°♓13'58	8.03093 AU
	-6953 Oct 14 j 16:52	30℞♒	
direct	-6953 Dec 18 j 18:30	26°♒40'17	
	-6952 Feb 19 j 15:04	0°♓	
evening set	-6952 Apr 03 j 00:50	4°♓58'14	
conjunction	-6952 Apr 21 j 02:50	7°♓17'28	-2°02'51
minimum elong	-6952 Apr 21 j 02:54	7°♓17'29	2°03'05
max. Earth dist.	-6952 Apr 22 j 01:45	7°♓24'52	10.09553 AU
morning rise	-6952 May 09 j 02:25	9°♓35'49	
retrograde	-6952 Aug 20 j 03:10	17°♓37'09	
opposition	-6952 Oct 25 j 14:06	14°♓10'25	-2°20'32
min. Earth dist.	-6952 Oct 24 j 20:53	14°♓13'56	8.16745 AU
direct	-6951 Jan 01 j 09:55	10°♓40'51	
evening set	-6951 Apr 17 j 19:29	18°♓49'12	
conjunction	-6951 May 05 j 19:52	21°♓05'31	-1°41'09
minimum elong	-6951 May 05 j 19:56	21°♓05'32	1°41'16
max. Earth dist.	-6951 May 06 j 17:17	21°♓12'19	10.24307 AU
morning rise	-6951 May 23 j 16:34	23°♓20'37	
	-6951 Jul 29 j 09:07	0°♈	
retrograde	-6951 Sep 02 j 11:13	1°♈06'53	
	-6951 Oct 07 j 21:53	30℞♓	
min. Earth dist.	-6951 Nov 07 j 12:00	27°♓45'11	8.32206 AU
opposition	-6951 Nov 08 j 03:26	27°♓42'03	-1°49'53
direct	-6950 Jan 15 j 17:31	24°♓13'16	
	-6950 Apr 13 j 14:42	0°♈	
evening set	-6950 May 02 j 00:43	2°♈10'41	
conjunction	-6950 May 19 j 22:27	4°♈23'44	-1°14'36
minimum elong	-6950 May 19 j 22:30	4°♈23'45	1°14'37
max. Earth dist.	-6950 May 20 j 17:00	4°♈29'31	10.40403 AU
morning rise	-6950 Jun 06 j 15:36	6°♈35'20	
retrograde	-6950 Sep 15 j 06:15	14°♈07'02	
opposition	-6950 Nov 21 j 07:06	10°♈44'09	-1°14'40
min. Earth dist.	-6950 Nov 20 j 18:40	10°♈46'38	8.48580 AU

Attention, astronomical year style is used: The year -6949 in astronomical counting style is the year 6950 BCE in historical counting style.

direct	-6949 Jan 29 j 15:23	7°♈16'22	
evening set	-6949 May 15 j 16:02	15°♈02'25	
conjunction	-6949 Jun 02 j 10:15	17°♈12'02	-0°45'09
minimum elong	-6949 Jun 02 j 10:17	17°♈12'03	0°45'04
max. Earth dist.	-6949 Jun 03 j 00:28	17°♈16'23	10.56947 AU
morning rise	-6949 Jun 19 j 23:26	19°♈20'06	
retrograde	-6949 Sep 27 j 14:57	26°♈38'31	
opposition	-6949 Dec 04 j 01:31	23°♈17'29	-0°37'11
min. Earth dist.	-6949 Dec 03 j 16:12	23°♈19'19	8.65014 AU
direct	-6948 Feb 12 j 02:31	19°♈50'54	
evening set	-6948 May 27 j 17:49	27°♈25'49	
conjunction	-6948 Jun 14 j 07:54	29°♈32'04	-0°14'32
minimum elong	-6948 Jun 14 j 07:54	29°♈32'04	0°14'21
behind sun begin	-6948 Jun 14 j 04:41	29°♈31'07	
behind sun end	-6948 Jun 14 j 11:08	29°♈33'02	
max. Earth dist.	-6948 Jun 14 j 17:13	29°♈34'52	10.73118 AU
	-6948 Jun 18 j 04:39	0°♉	
morning rise	-6948 Jul 01 j 16:48	1°♉36'44	
retrograde	-6948 Oct 08 j 13:16	8°♉43'36	
asc. node	-6948 Dec 09 j 19:13	5°♉50'26	
opposition	-6948 Dec 15 j 11:31	5°♉24'15	0°00'34
min. Earth dist.	-6948 Dec 15 j 05:05	5°♉25'30	8.80719 AU
direct	-6947 Feb 24 j 03:55	1°♉58'57	
evening set	-6947 Jun 09 j 07:21	9°♉23'35	
conjunction	-6947 Jun 26 j 16:55	11°♉26'38	0°15'53
minimum elong	-6947 Jun 26 j 16:55	11°♉26'38	0°16'09
max. Earth dist.	-6947 Jun 26 j 22:02	11°♉28'09	10.88182 AU
morning rise	-6947 Jul 13 j 21:10	13°♉28'07	
	-6947 Jul 27 j 09:16	15°♉	
retrograde	-6947 Oct 20 j 05:10	20°♉25'31	
opposition	-6947 Dec 27 j 14:18	17°♉07'38	0°37'00
min. Earth dist.	-6947 Dec 27 j 10:50	17°♉08'17	8.95027 AU
	-6946 Jan 26 j 23:18	15℞♉	
direct	-6946 Mar 08 j 20:21	13°♉43'40	
	-6946 Apr 18 j 04:40	15°♉	
evening set	-6946 Jun 21 j 10:00	20°♉59'11	
conjunction	-6946 Jul 08 j 14:52	22°♉59'18	0°44'45
minimum elong	-6946 Jul 08 j 14:50	22°♉59'18	0°45'06
max. Earth dist.	-6946 Jul 08 j 16:25	22°♉59'46	11.01545 AU
morning rise	-6946 Jul 25 j 14:21	24°♉57'56	
	-6946 Sep 14 j 20:39	0°♊	
retrograde	-6946 Oct 31 j 16:22	1°♊48'00	
	-6946 Dec 19 j 00:07	30℞♉	
opposition	-6945 Jan 08 j 11:30	28°♉31'19	1°10'54
min. Earth dist.	-6945 Jan 08 j 11:56	28°♉31'15	9.07409 AU
direct	-6945 Mar 21 j 01:58	25°♉08'41	
	-6945 Jun 12 j 06:25	0°♊	
evening set	-6945 Jul 03 j 03:16	2°♊16'26	
conjunction	-6945 Jul 20 j 03:18	4°♊14'01	1°11'14
minimum elong	-6945 Jul 20 j 03:16	4°♊14'00	1°11'38
max. Earth dist.	-6945 Jul 20 j 00:21	4°♊13'09	11.12735 AU
morning rise	-6945 Aug 05 j 22:25	6°♊10'14	
retrograde	-6945 Nov 11 j 20:46	12°♊55'06	
opposition	-6944 Jan 20 j 04:14	9°♊39'23	1°41'16
min. Earth dist.	-6944 Jan 20 j 08:44	9°♊38'33	9.17437 AU
direct	-6944 Apr 01 j 01:09	6°♊17'56	
evening set	-6944 Jul 13 j 13:05	13°♊19'30	
conjunction	-6944 Jul 30 j 08:30	15°♊14'57	1°34'34
minimum elong	-6944 Jul 30 j 08:27	15°♊14'56	1°35'01
max. Earth dist.	-6944 Jul 30 j 00:43	15°♊12'42	11.21390 AU
morning rise	-6944 Aug 15 j 23:44	17°♊09'14	

retrograde	-6944 Nov 22 j 00:29	23°♊51'00	
opposition	-6943 Jan 30 j 17:49	20°♊35'55	2°07'24
min. Earth dist.	-6943 Jan 31 j 01:31	20°♊34'30	9.24780 AU
direct	-6943 Apr 12 j 19:56	17°♊15'35	
evening set	-6943 Jul 24 j 16:59	24°♊12'28	
conjunction	-6943 Aug 10 j 08:24	26°♊06'18	1°54'10
minimum elong	-6943 Aug 10 j 08:21	26°♊06'17	1°54'38
max. Earth dist.	-6943 Aug 09 j 21:23	26°♊03'08	11.27237 AU
morning rise	-6943 Aug 26 j 20:11	27°♊59'09	
	-6943 Sep 14 j 10:13	0°♋	
retrograde	-6943 Dec 03 j 03:31	4°♋39'53	
opposition	-6942 Feb 11 j 06:04	1°♋25'05	2°28'42
min. Earth dist.	-6942 Feb 11 j 16:06	1°♋23'15	9.29200 AU
	-6942 Mar 03 j 09:01	30℞♊	
direct	-6942 Apr 24 j 08:50	28°♊05'43	
	-6942 Jun 13 j 16:48	0°♋	
evening set	-6942 Aug 04 j 16:36	4°♋59'25	
conjunction	-6942 Aug 21 j 04:41	6°♋52'09	2°09'33
minimum elong	-6942 Aug 21 j 04:39	6°♋52'09	2°10'01
max. Earth dist.	-6942 Aug 20 j 15:18	6°♋48'19	11.30091 AU
morning rise	-6942 Sep 06 j 13:42	8°♋44'08	
retrograde	-6942 Dec 14 j 09:17	15°♋25'47	
opposition	-6941 Feb 22 j 18:21	12°♋10'58	2°44'41
min. Earth dist.	-6941 Feb 23 j 07:18	12°♋08'37	9.30566 AU
direct	-6941 May 05 j 19:03	8°♋52'20	
evening set	-6941 Aug 15 j 14:02	15°♋44'24	
conjunction	-6941 Aug 31 j 23:24	17°♋36'36	2°20'20
minimum elong	-6941 Aug 31 j 23:23	17°♋36'36	2°20'47
max. Earth dist.	-6941 Aug 31 j 06:44	17°♋31'49	11.29875 AU
morning rise	-6941 Sep 17 j 06:44	19°♋28'18	
retrograde	-6941 Dec 25 j 14:46	26°♋12'42	
opposition	-6940 Mar 05 j 07:45	22°♋57'31	2°54'55
min. Earth dist.	-6940 Mar 05 j 23:46	22°♋54'37	9.28836 AU
direct	-6940 May 16 j 02:26	19°♋39'23	
evening set	-6940 Aug 25 j 10:44	26°♋31'20	
conjunction	-6940 Sep 10 j 18:23	28°♋23'35	2°26'10
minimum elong	-6940 Sep 10 j 18:22	28°♋23'35	2°26'37
max. Earth dist.	-6940 Sep 09 j 23:00	28°♋17'59	11.26593 AU
	-6940 Sep 24 j 18:00	0°♌	
morning rise	-6940 Sep 27 j 01:02	0°♌15'36	
retrograde	-6939 Jan 05 j 02:07	7°♌04'36	
opposition	-6939 Mar 16 j 23:52	3°♌48'42	2°59'04
min. Earth dist.	-6939 Mar 17 j 17:25	3°♌45'30	9.24044 AU
direct	-6939 May 27 j 12:27	0°♌30'49	
evening set	-6939 Sep 05 j 08:19	7°♌24'07	
conjunction	-6939 Sep 21 j 15:26	9°♌17'02	2°26'48
minimum elong	-6939 Sep 21 j 15:26	9°♌17'02	2°27'12
max. Earth dist.	-6939 Sep 20 j 19:24	9°♌11'12	11.20323 AU
morning rise	-6939 Oct 07 j 22:17	11°♌09'59	
	-6939 Nov 13 j 20:05	15°♌	
retrograde	-6938 Jan 16 j 19:43	18°♌05'21	
	-6938 Mar 26 j 04:07	15℞♌	
opposition	-6938 Mar 28 j 19:56	14°♌48'22	2°56'49
min. Earth dist.	-6938 Mar 29 j 13:56	14°♌45'05	9.16311 AU
direct	-6938 Jun 07 j 22:24	11°♌30'32	
	-6938 Aug 14 j 23:11	15°♌	
evening set	-6938 Sep 16 j 08:54	18°♌26'38	
conjunction	-6938 Oct 02 j 16:32	20°♌20'50	2°21'59
minimum elong	-6938 Oct 02 j 16:34	20°♌20'51	2°22'20
max. Earth dist.	-6938 Oct 01 j 19:50	20°♌14'45	11.11228 AU
morning rise	-6938 Oct 19 j 00:47	22°♌15'20	

Attention, astronomical year style is used: The year -6937 in astronomical counting style is the year 6938 BCE in historical counting style.

retrograde	-6937 Jan 28 j 20:24	29°♌18'44	
opposition	-6937 Apr 09 j 21:03	26°♌00'24	2°47'53
min. Earth dist.	-6937 Apr 10 j 15:34	25°♌57'00	9.05844 AU
direct	-6937 Jun 19 j 11:04	22°♌42'19	
evening set	-6937 Sep 27 j 14:14	29°♌42'45	
	-6937 Sep 30 j 01:21	0°♍	
conjunction	-6937 Oct 13 j 23:22	1°♍38'51	2°11'38
minimum elong	-6937 Oct 13 j 23:25	1°♍38'51	2°11'53
max. Earth dist.	-6937 Oct 13 j 01:18	1°♍32'17	10.99551 AU
morning rise	-6937 Oct 30 j 10:18	3°♍35'33	
retrograde	-6936 Feb 10 j 05:26	10°♍48'34	
opposition	-6936 Apr 21 j 04:34	7°♍28'39	2°32'08
min. Earth dist.	-6936 Apr 21 j 23:45	7°♍25'06	8.92920 AU
direct	-6936 Jun 30 j 04:01	4°♍10'03	
evening set	-6936 Oct 08 j 02:11	11°♍16'25	
conjunction	-6936 Oct 24 j 13:56	13°♍15'00	1°55'41
minimum elong	-6936 Oct 24 j 14:00	13°♍15'01	1°55'52
max. Earth dist.	-6936 Oct 23 j 16:09	13°♍08'25	10.85614 AU
morning rise	-6936 Nov 10 j 04:33	15°♍14'31	
retrograde	-6935 Feb 21 j 22:54	22°♍38'47	
opposition	-6935 May 03 j 19:34	19°♍17'03	2°09'34
min. Earth dist.	-6935 May 04 j 13:56	19°♍13'36	8.77960 AU
direct	-6935 Jul 12 j 03:39	15°♍57'44	
evening set	-6935 Oct 19 j 22:53	23°♍11'34	
conjunction	-6935 Nov 05 j 14:24	25°♍13'14	1°34'20
minimum elong	-6935 Nov 05 j 14:28	25°♍13'15	1°34'26
max. Earth dist.	-6935 Nov 04 j 18:44	25°♍07'12	10.69934 AU
morning rise	-6935 Nov 22 j 09:29	27°♍16'05	
	-6935 Dec 16 j 05:14	0°♎	
retrograde	-6934 Mar 07 j 05:29	4°♎52'55	
opposition	-6934 May 16 j 18:58	1°♎29'13	1°40'25
min. Earth dist.	-6934 May 17 j 10:53	1°♎26'11	8.61600 AU
	-6934 Jun 05 j 23:21	30°℞♍	
direct	-6934 Jul 24 j 11:25	28°♍08'58	
	-6934 Sep 08 j 23:34	0°♎	
evening set	-6934 Nov 01 j 06:22	5°♎31'40	
max. Earth dist.	-6934 Nov 17 j 09:32	7°♎31'35	10.53215 AU
conjunction	-6934 Nov 18 j 02:25	7°♎36'51	1°08'00
minimum elong	-6934 Nov 18 j 02:28	7°♎36'52	1°08'00
morning rise	-6934 Dec 05 j 02:42	9°♎43'29	
retrograde	-6933 Mar 20 j 23:49	17°♎33'42	
opposition	-6933 May 30 j 03:28	14°♎07'59	1°05'20
min. Earth dist.	-6933 May 30 j 15:58	14°♎05'34	8.44611 AU
direct	-6933 Aug 06 j 02:01	10°♎46'36	
evening set	-6933 Nov 14 j 02:33	18°♎19'23	
conjunction	-6933 Dec 01 j 03:27	20°♎28'21	0°37'27
minimum elong	-6933 Dec 01 j 03:29	20°♎28'22	0°37'21
max. Earth dist.	-6933 Nov 30 j 13:35	20°♎23'57	10.36266 AU
morning rise	-6933 Dec 18 j 09:23	22°♎39'00	
	-6932 Mar 05 j 03:22	0°♏	
retrograde	-6932 Apr 03 j 04:49	0°♏42'52	
	-6932 May 02 j 10:40	30°℞♎	
opposition	-6932 Jun 11 j 21:11	27°♎15'11	0°25'28
min. Earth dist.	-6932 Jun 12 j 06:12	27°♎13'24	8.27858 AU
direct	-6932 Aug 18 j 02:54	23°♎52'29	
	-6932 Nov 13 j 13:05	0°♏	
evening set	-6932 Nov 26 j 12:40	1°♏36'17	
conjunction	-6932 Dec 13 j 18:40	3°♏49'07	0°03'58
minimum elong	-6932 Dec 13 j 18:41	3°♏49'08	0°03'45
behind sun begin	-6932 Dec 13 j 11:34	3°♏46'51	
behind sun end	-6932 Dec 14 j 01:47	3°♏51'24	
max. Earth dist.	-6932 Dec 13 j 08:56	3°♏46'00	10.19984 AU
morning rise	-6932 Dec 31 j 06:18	6°♏03'48	
desc. node	-6931 Jan 25 j 18:57	9°♏08'24	
retrograde	-6931 Apr 17 j 19:49	14°♏20'52	
opposition	-6931 Jun 26 j 00:04	10°♏51'23	-0°17'24
min. Earth dist.	-6931 Jun 26 j 05:11	10°♏50'21	8.12274 AU
direct	-6931 Aug 31 j 15:28	7°♏27'15	
	-6931 Dec 07 j 15:04	15°♏	
evening set	-6931 Dec 10 j 13:30	15°♏22'30	
conjunction	-6931 Dec 28 j 00:37	17°♏39'03	-0°30'56
minimum elong	-6931 Dec 28 j 00:35	17°♏39'02	0°31'14
max. Earth dist.	-6931 Dec 27 j 20:12	17°♏37'36	10.05296 AU
morning rise	-6930 Jan 14 j 17:29	19°♏57'28	
retrograde	-6930 May 02 j 20:24	28°♏26'21	
opposition	-6930 Jul 10 j 11:04	24°♏55'21	-1°00'47
min. Earth dist.	-6930 Jul 10 j 11:53	24°♏55'11	7.98780 AU
direct	-6930 Sep 14 j 14:15	21°♏29'44	
evening set	-6930 Dec 25 j 05:06	29°♏36'13	
	-6930 Dec 28 j 06:01	0°♐	
conjunction	-6929 Jan 11 j 20:55	1°♐56'01	-1°04'51
minimum elong	-6929 Jan 11 j 20:52	1°♐56'00	1°05'14
max. Earth dist.	-6929 Jan 11 j 22:46	1°♐56'38	9.93105 AU
morning rise	-6929 Jan 29 j 18:07	4°♐17'36	
retrograde	-6929 May 18 j 03:48	12°♐55'48	
opposition	-6929 Jul 25 j 04:29	9°♐23'41	-1°41'41
min. Earth dist.	-6929 Jul 25 j 00:34	9°♐24'29	7.88241 AU
direct	-6929 Sep 28 j 23:02	5°♐56'39	
evening set	-6928 Jan 09 j 09:55	14°♐13'15	
conjunction	-6928 Jan 27 j 05:43	16°♐35'35	-1°35'23
minimum elong	-6928 Jan 27 j 05:39	16°♐35'34	1°35'49
max. Earth dist.	-6928 Jan 27 j 14:07	16°♐38'24	9.84238 AU
morning rise	-6928 Feb 14 j 06:10	18°♐59'29	
retrograde	-6928 Jun 01 j 15:05	27°♐43'29	
opposition	-6928 Aug 08 j 02:27	24°♐10'43	-2°16'48
min. Earth dist.	-6928 Aug 07 j 17:39	24°♐12'33	7.81382 AU
direct	-6928 Oct 12 j 16:34	20°♐42'24	
evening set	-6927 Jan 24 j 01:01	29°♐06'58	
	-6927 Jan 30 j 16:56	0°♑	
conjunction	-6927 Feb 10 j 23:58	1°♑30'56	-2°00'05
minimum elong	-6927 Feb 10 j 23:54	1°♑30'55	2°00'32
max. Earth dist.	-6927 Feb 11 j 14:24	1°♑35'48	9.79337 AU
morning rise	-6927 Mar 01 j 02:31	3°♑56'06	
retrograde	-6927 Jun 17 j 02:27	12°♑41'33	
opposition	-6927 Aug 23 j 02:09	9°♑08'41	-2°43'04
min. Earth dist.	-6927 Aug 22 j 13:12	9°♑11'24	7.78692 AU
direct	-6927 Oct 27 j 16:47	5°♑39'17	
evening set	-6926 Feb 08 j 22:43	14°♑08'48	
conjunction	-6926 Feb 26 j 23:53	16°♑33'23	-2°16'49
minimum elong	-6926 Feb 26 j 23:51	16°♑33'22	2°17'15
max. Earth dist.	-6926 Feb 27 j 19:13	16°♑39'53	9.78767 AU
morning rise	-6926 Mar 17 j 03:24	18°♑58'42	
retrograde	-6926 Jul 02 j 09:32	27°♑40'48	
min. Earth dist.	-6926 Sep 06 j 08:34	24°♑11'48	7.80357 AU
opposition	-6926 Sep 07 j 00:31	24°♑08'25	-2°58'13
direct	-6926 Nov 11 j 20:11	20°♑38'14	
evening set	-6925 Feb 24 j 21:54	29°♑09'04	
	-6925 Mar 03 j 08:31	0°♒	
conjunction	-6925 Mar 15 j 00:22	1°♒33'13	-2°24'17
minimum elong	-6925 Mar 15 j 00:22	1°♒33'13	2°24'41
max. Earth dist.	-6925 Mar 15 j 23:12	1°♒40'50	9.82572 AU
morning rise	-6925 Apr 02 j 03:49	3°♒57'37	

Attention, astronomical year style is used: The year -6925 in astronomical counting style is the year 6926 BCE in historical counting style.

retrograde	-6925 Jul 17 j 09:23	12°♒31'55	
opposition	-6925 Sep 21 j 19:00	9°♒00'34	-3°01'11
min. Earth dist.	-6925 Sep 21 j 01:18	9°♒04'17	7.86249 AU
direct	-6925 Nov 27 j 00:04	5°♒29'56	
evening set	-6924 Mar 11 j 17:25	13°♒58'14	
	-6924 Mar 19 j 14:41	15°♒	
conjunction	-6924 Mar 29 j 20:20	16°♒21'01	-2°22'07
minimum elong	-6924 Mar 29 j 20:22	16°♒21'02	2°22'28
max. Earth dist.	-6924 Mar 30 j 20:53	16°♒29'08	9.90464 AU
morning rise	-6924 Apr 16 j 22:52	18°♒43'35	
retrograde	-6924 Jul 30 j 23:25	27°♒06'26	
opposition	-6924 Oct 05 j 06:58	23°♒36'33	-2°52'16
min. Earth dist.	-6924 Oct 04 j 12:55	23°♒40'20	7.95931 AU
direct	-6924 Dec 11 j 01:22	20°♒05'55	
evening set	-6923 Mar 27 j 05:22	28°♒28'14	
	-6923 Apr 08 j 01:47	0°♓	
conjunction	-6923 Apr 14 j 07:53	0°♓48'53	-2°10'58
minimum elong	-6923 Apr 14 j 07:57	0°♓48'54	2°11'14
max. Earth dist.	-6923 Apr 15 j 08:08	0°♓56'46	10.01867 AU
morning rise	-6923 May 02 j 08:44	3°♓08'51	
retrograde	-6923 Aug 14 j 01:44	11°♓17'47	
opposition	-6923 Oct 19 j 10:27	7°♓49'44	-2°32'52
min. Earth dist.	-6923 Oct 18 j 16:54	7°♓53'21	8.08724 AU
direct	-6923 Dec 25 j 21:18	4°♓19'30	
evening set	-6922 Apr 11 j 06:25	12°♓33'09	
conjunction	-6922 Apr 29 j 07:38	14°♓51'02	-1°52'12
minimum elong	-6922 Apr 29 j 07:42	14°♓51'04	1°52'23
max. Earth dist.	-6922 Apr 30 j 06:12	14°♓58'16	10.15990 AU
morning rise	-6922 May 17 j 06:01	17°♓07'54	
retrograde	-6922 Aug 27 j 14:47	25°♓01'47	
opposition	-6922 Nov 02 j 04:42	21°♓35'47	-2°05'12
min. Earth dist.	-6922 Nov 01 j 12:08	21°♓39'10	8.23789 AU
direct	-6921 Jan 09 j 10:31	18°♓06'23	
evening set	-6921 Apr 25 j 18:19	26°♓09'31	
conjunction	-6921 May 13 j 17:22	28°♓24'14	-1°27'41
minimum elong	-6921 May 13 j 17:26	28°♓24'16	1°27'44
max. Earth dist.	-6921 May 14 j 13:30	28°♓30'35	10.31933 AU
	-6921 May 26 j 10:52	0°♈	
morning rise	-6921 May 31 j 12:33	0°♈37'40	
retrograde	-6921 Sep 09 j 15:29	8°♈16'36	
opposition	-6921 Nov 15 j 13:11	4°♈52'42	-1°31'46
min. Earth dist.	-6921 Nov 14 j 22:03	4°♈55'45	8.40223 AU
direct	-6920 Jan 23 j 13:23	1°♈24'26	
evening set	-6920 May 08 j 16:36	9°♈16'13	
conjunction	-6920 May 26 j 12:40	11°♈27'33	-0°59'19
minimum elong	-6920 May 26 j 12:43	11°♈27'34	0°59'17
max. Earth dist.	-6920 May 27 j 05:53	11°♈32'52	10.48771 AU
morning rise	-6920 Jun 13 j 03:59	13°♈37'23	
retrograde	-6920 Sep 21 j 06:36	21°♈02'18	
opposition	-6920 Nov 27 j 12:06	17°♈40'29	-0°55'00
min. Earth dist.	-6920 Nov 26 j 23:32	17°♈42'58	8.57126 AU
direct	-6919 Feb 05 j 04:53	14°♈13'31	
evening set	-6919 May 22 j 01:22	21°♈53'56	
conjunction	-6919 Jun 08 j 17:41	24°♈01'51	-0°28'59
minimum elong	-6919 Jun 08 j 17:42	24°♈01'51	0°28'51
max. Earth dist.	-6919 Jun 09 j 07:21	24°♈06'00	10.65612 AU
morning rise	-6919 Jun 26 j 04:37	26°♈08'09	
	-6919 Jul 31 j 14:03	0°♉	
retrograde	-6919 Oct 03 j 11:23	3°♉20'32	
opposition	-6919 Dec 10 j 02:31	0°♉00'40	-0°17'05
min. Earth dist.	-6919 Dec 09 j 17:40	0°♉02'24	8.73652 AU
	-6919 Dec 10 j 05:59	30°℞♈	
direct	-6918 Feb 18 j 10:16	26°♈35'07	
	-6918 Apr 26 j 17:57	0°♉	
asc. node	-6918 May 30 j 14:15	3°♉34'48	
evening set	-6918 Jun 03 j 21:17	4°♉04'43	
conjunction	-6918 Jun 21 j 09:06	6°♉09'17	0°01'48
minimum elong	-6918 Jun 21 j 09:06	6°♉09'17	0°02'02
behind sun begin	-6918 Jun 21 j 01:57	6°♉07'10	
behind sun end	-6918 Jun 21 j 16:15	6°♉11'23	
max. Earth dist.	-6918 Jun 21 j 17:53	6°♉11'53	10.81651 AU
morning rise	-6918 Jul 08 j 15:27	8°♉12'14	
	-6918 Sep 28 j 21:40	15°♉	
retrograde	-6918 Oct 15 j 06:21	15°♉14'03	
	-6918 Oct 31 j 17:27	15°℞♉	
opposition	-6918 Dec 22 j 09:14	11°♉55'54	0°20'12
min. Earth dist.	-6918 Dec 22 j 04:25	11°♉56'49	8.89049 AU
direct	-6917 Mar 03 j 07:28	8°♉31'44	
	-6917 Jun 08 j 16:30	15°♉	
evening set	-6917 Jun 16 j 05:33	15°♉51'33	
conjunction	-6917 Jul 03 j 12:32	17°♉53'00	0°31'31
minimum elong	-6917 Jul 03 j 12:31	17°♉53'00	0°31'49
max. Earth dist.	-6917 Jul 03 j 15:47	17°♉53'57	10.96189 AU
morning rise	-6917 Jul 20 j 14:20	19°♉52'55	
retrograde	-6917 Oct 26 j 18:47	26°♉46'15	
opposition	-6916 Jan 03 j 09:13	23°♉29'29	0°55'27
min. Earth dist.	-6916 Jan 03 j 08:00	23°♉29'43	9.02649 AU
direct	-6916 Mar 14 j 18:58	20°♉06'41	
evening set	-6916 Jun 27 j 03:33	27°♉18'01	
conjunction	-6916 Jul 14 j 05:48	29°♉16'42	0°59'14
minimum elong	-6916 Jul 14 j 05:45	29°♉16'42	0°59'37
max. Earth dist.	-6916 Jul 14 j 04:14	29°♉16'15	11.08611 AU
	-6916 Jul 20 j 10:24	0°♊	
morning rise	-6916 Jul 31 j 03:04	1°♊13'59	
retrograde	-6916 Nov 06 j 02:38	8°♊01'04	
opposition	-6915 Jan 14 j 04:06	4°♊45'23	1°27'36
min. Earth dist.	-6915 Jan 14 j 06:18	4°♊44'58	9.13872 AU
direct	-6915 Mar 26 j 22:50	1°♊23'50	
evening set	-6915 Jul 08 j 17:07	8°♊28'14	
conjunction	-6915 Jul 25 j 14:46	10°♊24'36	1°24'08
minimum elong	-6915 Jul 25 j 14:43	10°♊24'35	1°24'34
max. Earth dist.	-6915 Jul 25 j 09:22	10°♊23'03	11.18423 AU
morning rise	-6915 Aug 11 j 07:40	12°♊19'42	
retrograde	-6915 Nov 17 j 08:50	19°♊02'45	
opposition	-6914 Jan 25 j 19:28	15°♊47'50	1°55'48
min. Earth dist.	-6914 Jan 26 j 01:41	15°♊46'41	9.22331 AU
direct	-6914 Apr 07 j 18:54	12°♊27'24	
evening set	-6914 Jul 20 j 00:06	19°♊26'26	
conjunction	-6914 Aug 05 j 17:23	21°♊20'59	1°45'33
minimum elong	-6914 Aug 05 j 17:20	21°♊20'58	1°46'00
max. Earth dist.	-6914 Aug 05 j 07:36	21°♊18'10	11.25356 AU
morning rise	-6914 Aug 22 j 06:36	23°♊14'26	
retrograde	-6914 Nov 28 j 11:07	29°♊55'33	
opposition	-6913 Feb 06 j 08:45	26°♊41'00	2°19'25
min. Earth dist.	-6913 Feb 06 j 19:09	26°♊39'06	9.27836 AU
direct	-6913 Apr 19 j 09:50	23°♊21'27	
	-6913 Jul 28 j 14:12	0°♋	
evening set	-6913 Jul 31 j 01:58	0°♋16'41	
conjunction	-6913 Aug 16 j 15:26	2°♋09'53	2°02'57
minimum elong	-6913 Aug 16 j 15:23	2°♋09'53	2°03'24
max. Earth dist.	-6913 Aug 16 j 01:13	2°♋05'49	11.29276 AU
morning rise	-6913 Sep 02 j 01:47	4°♋02'15	

Attention, astronomical year style is used: The year -6913 in astronomical counting style is the year 6914 BCE in historical counting style.

retrograde	-6913 Dec 09 j 15:12	10°♋43'26	
opposition	-6912 Feb 17 j 21:06	7°♋28'51	2°37'56
min. Earth dist.	-6912 Feb 18 j 10:20	7°♋26'27	9.30261 AU
direct	-6912 Apr 29 j 23:11	4°♋09'58	
evening set	-6912 Aug 10 j 00:31	11°♋02'54	
conjunction	-6912 Aug 26 j 11:04	12°♋55'20	2°15'55
minimum elong	-6912 Aug 26 j 11:02	12°♋55'20	2°16'22
max. Earth dist.	-6912 Aug 25 j 18:24	12°♋50'33	11.30096 AU
morning rise	-6912 Sep 11 j 19:09	14°♋47'09	
retrograde	-6912 Dec 19 j 20:24	21°♋30'16	
opposition	-6911 Feb 28 j 09:56	18°♋15'16	2°50'54
min. Earth dist.	-6911 Mar 01 j 01:03	18°♋12'32	9.29553 AU
direct	-6911 May 11 j 08:20	14°♋56'51	
evening set	-6911 Aug 20 j 21:27	21°♋48'57	
max. Earth dist.	-6911 Sep 05 j 11:35	23°♋35'54	11.27814 AU
conjunction	-6911 Sep 06 j 05:58	23°♋41'11	2°24'05
minimum elong	-6911 Sep 06 j 05:57	23°♋41'11	2°24'32
morning rise	-6911 Sep 22 j 12:42	25°♋33'03	
	-6911 Nov 06 j 05:15	0°♌	
retrograde	-6911 Dec 31 j 06:36	2°♌19'57	
	-6910 Feb 27 j 01:13	30°℞♋	
opposition	-6910 Mar 12 j 00:53	29°♋04'13	2°57'57
min. Earth dist.	-6910 Mar 12 j 17:59	29°♋01'07	9.25756 AU
direct	-6910 May 22 j 17:28	25°♋46'00	
	-6910 Aug 07 j 03:52	0°♌	
evening set	-6910 Aug 31 j 18:28	2°♌38'46	
max. Earth dist.	-6910 Sep 16 j 04:53	4°♌25'21	11.22518 AU
conjunction	-6910 Sep 17 j 01:45	4°♌31'24	2°27'10
minimum elong	-6910 Sep 17 j 01:46	4°♌31'24	2°27'35
morning rise	-6910 Oct 03 j 08:25	6°♌23'56	
retrograde	-6909 Jan 11 j 19:36	13°♌16'23	
opposition	-6909 Mar 23 j 19:04	9°♌59'36	2°58'43
min. Earth dist.	-6909 Mar 24 j 14:12	9°♌56'07	9.18999 AU
direct	-6909 Jun 03 j 01:44	6°♌41'21	
evening set	-6909 Sep 11 j 17:29	13°♌36'19	
	-6909 Sep 23 j 18:19	15°♌	
max. Earth dist.	-6909 Sep 27 j 02:27	15°♌23'26	11.14379 AU
conjunction	-6909 Sep 28 j 00:42	15°♌29'57	2°24'55
minimum elong	-6909 Sep 28 j 00:43	15°♌29'57	2°25'16
morning rise	-6909 Oct 14 j 08:21	17°♌23'47	
retrograde	-6908 Jan 23 j 15:36	24°♌23'33	
opposition	-6908 Apr 03 j 17:29	21°♌05'24	2°52'56
min. Earth dist.	-6908 Apr 04 j 13:16	21°♌01'47	9.09487 AU
direct	-6908 Jun 13 j 14:30	17°♌46'54	
evening set	-6908 Sep 21 j 20:14	24°♌45'36	
max. Earth dist.	-6908 Oct 07 j 06:55	26°♌34'27	11.03641 AU
conjunction	-6908 Oct 08 j 04:37	26°♌40'53	2°17'09
minimum elong	-6908 Oct 08 j 04:39	26°♌40'53	2°17'26
morning rise	-6908 Oct 24 j 14:13	28°♌36'37	
	-6908 Nov 05 j 19:57	0°♍	
retrograde	-6907 Feb 03 j 21:08	5°♍45'22	
opposition	-6907 Apr 15 j 21:51	2°♍25'39	2°40'22
min. Earth dist.	-6907 Apr 16 j 16:41	2°♍22'10	8.97519 AU
	-6907 May 22 j 16:27	30°℞♌	
direct	-6907 Jun 25 j 05:52	29°♌06'45	
	-6907 Jul 27 j 23:59	0°♍	
evening set	-6907 Oct 03 j 04:39	6°♍10'37	
conjunction	-6907 Oct 19 j 15:15	8°♍08'08	2°03'47
minimum elong	-6907 Oct 19 j 15:18	8°♍08'09	2°04'00
max. Earth dist.	-6907 Oct 18 j 18:14	8°♍01'49	10.90653 AU
morning rise	-6907 Nov 05 j 03:57	10°♍06'25	

retrograde	-6906 Feb 16 j 11:10	17°♍25'42	
opposition	-6906 Apr 28 j 09:16	14°♍04'14	2°20'57
min. Earth dist.	-6906 Apr 29 j 02:55	14°♍00'56	8.83502 AU
direct	-6906 Jul 07 j 01:05	10°♍44'44	
evening set	-6906 Oct 14 j 21:04	17°♍55'18	
conjunction	-6906 Oct 31 j 10:47	19°♍55'37	1°44'55
minimum elong	-6906 Oct 31 j 10:50	19°♍55'38	1°45'02
max. Earth dist.	-6906 Oct 30 j 14:22	19°♍49'24	10.75875 AU
morning rise	-6906 Nov 17 j 03:44	21°♍57'00	
retrograde	-6905 Mar 01 j 12:04	29°♍28'08	
opposition	-6905 May 11 j 04:32	26°♍04'51	1°54'47
min. Earth dist.	-6905 May 11 j 20:55	26°♍01'44	8.67963 AU
direct	-6905 Jul 19 j 04:16	22°♍44'32	
evening set	-6905 Oct 26 j 23:14	0°♎03'16	
	-6905 Oct 26 j 12:27	0°♎	
conjunction	-6905 Nov 12 j 17:00	2°♎06'52	1°20'49
minimum elong	-6905 Nov 12 j 17:03	2°♎06'53	1°20'51
max. Earth dist.	-6905 Nov 11 j 22:27	2°♎01'07	10.59874 AU
morning rise	-6905 Nov 29 j 14:58	4°♎11'49	
retrograde	-6904 Mar 13 j 23:30	11°♎55'53	
opposition	-6904 May 23 j 08:43	8°♎30'42	1°22'20
min. Earth dist.	-6904 May 23 j 22:56	8°♎27'57	8.51539 AU
direct	-6904 Jul 30 j 15:20	5°♎09'26	
evening set	-6904 Nov 07 j 12:59	12°♎37'37	
conjunction	-6904 Nov 24 j 11:32	14°♎44'52	0°52'05
minimum elong	-6904 Nov 24 j 11:35	14°♎44'52	0°52'02
max. Earth dist.	-6904 Nov 23 j 20:58	14°♎40'16	10.43334 AU
morning rise	-6904 Dec 11 j 14:54	16°♎53'42	
retrograde	-6903 Mar 27 j 22:25	24°♎51'19	
opposition	-6903 Jun 05 j 22:12	21°♎24'16	0°44'28
min. Earth dist.	-6903 Jun 06 j 08:42	21°♎22'12	8.34993 AU
direct	-6903 Aug 12 j 12:38	18°♎01'57	
evening set	-6903 Nov 20 j 16:18	25°♎40'39	
conjunction	-6903 Dec 07 j 20:03	27°♎51'44	0°19'45
minimum elong	-6903 Dec 07 j 20:04	27°♎51'44	0°19'36
max. Earth dist.	-6903 Dec 07 j 10:13	27°♎48'35	10.27060 AU
	-6903 Dec 24 j 14:27	0°♏	
morning rise	-6903 Dec 25 j 04:58	0°♏04'34	
retrograde	-6902 Apr 11 j 09:15	8°♏15'40	
opposition	-6902 Jun 19 j 20:48	4°♏46'52	0°02'42
min. Earth dist.	-6902 Jun 20 j 02:43	4°♏45'42	8.19188 AU
desc. node	-6902 Jul 13 j 12:42	2°♏59'28	
direct	-6902 Aug 25 j 19:42	1°♏23'24	
evening set	-6902 Dec 04 j 10:20	9°♏13'19	
conjunction	-6902 Dec 21 j 19:13	11°♏28'11	-0°14'47
minimum elong	-6902 Dec 21 j 19:12	11°♏28'11	0°15'02
behind sun begin	-6902 Dec 21 j 16:38	11°♏27'21	
behind sun end	-6902 Dec 21 j 21:46	11°♏29'00	
max. Earth dist.	-6902 Dec 21 j 14:27	11°♏26'38	10.11944 AU
morning rise	-6901 Jan 08 j 09:32	13°♏44'53	
	-6901 Jan 18 j 08:38	15°♏	
retrograde	-6901 Apr 26 j 07:23	22°♏08'30	
opposition	-6901 Jul 04 j 04:12	18°♏38'14	-0°40'48
min. Earth dist.	-6901 Jul 04 j 05:20	18°♏38'00	8.05034 AU
direct	-6901 Sep 08 j 12:01	15°♏13'31	
evening set	-6901 Dec 18 j 19:15	23°♏14'46	
conjunction	-6900 Jan 05 j 08:52	25°♏33'03	-0°49'24
minimum elong	-6900 Jan 05 j 08:50	25°♏33'02	0°49'45
max. Earth dist.	-6900 Jan 05 j 09:28	25°♏33'15	9.98903 AU
morning rise	-6900 Jan 23 j 03:58	27°♏53'11	
	-6900 Feb 08 j 23:13	0°♐	

Attention, astronomical year style is used: The year -6900 in astronomical counting style is the year 6901 BCE in historical counting style.

retrograde	-6900 May 10 j 13:01	6°♐27'19	
opposition	-6900 Jul 17 j 19:04	2°♐55'57	-1°23'15
min. Earth dist.	-6900 Jul 17 j 15:35	2°♐56'39	7.93439 AU
	-6900 Aug 29 j 16:25	30°℞♏	
direct	-6900 Sep 21 j 15:52	29°♏29'58	
	-6900 Oct 14 j 12:01	0°♐	
evening set	-6899 Jan 01 j 18:17	7°♐41'49	
conjunction	-6899 Jan 19 j 12:07	10°♐02'57	-1°21'49
minimum elong	-6899 Jan 19 j 12:03	10°♐02'55	1°22'14
max. Earth dist.	-6899 Jan 19 j 18:17	10°♐05'00	9.88822 AU
morning rise	-6899 Feb 06 j 11:07	12°♐25'46	
retrograde	-6899 May 25 j 23:18	21°♐07'18	
opposition	-6899 Aug 01 j 15:26	17°♐35'13	-2°01'24
min. Earth dist.	-6899 Aug 01 j 07:55	17°♐36'47	7.85205 AU
direct	-6899 Oct 06 j 05:50	14°♐08'00	