Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10400 Jan 23 j 04:06	18°♏59'21	-0°49'16	
minimum elong	-10400 Jan 23 j 05:56	19°♏09'19	0°49'21	
asc. node	-10400 Jan 28 j 11:02	0°♐27'07		
	-10400 Jan 28 j 05:58	0°♐		
evening rise	-10400 Jan 30 j 04:44	4°♐08'03		
	-10400 Feb 13 j 05:36	0°♑		
evening max el	-10400 Feb 25 j 08:07	15°♑13'40	24°54'31	
retrograde	-10400 Mar 10 j 07:23	22°♑15'47		
evening set	-10400 Mar 15 j 02:24	21°♑23'08		
desc. node	-10400 Mar 15 j 11:21	21°♑14'49		
min. Earth dist.	-10400 Mar 20 j 21:28	18°♑20'56	0.57188 AU	
inferior conj	-10400 Mar 23 j 17:11	16°♑28'10	-2°00'01	
minimum elong	-10400 Mar 23 j 13:21	16°♑34'37	1°59'34	
morning rise	-10400 Apr 01 j 03:28	12°♑14'30		
direct	-10400 Apr 03 j 09:32	11°♑59'41		
morning max el	-10400 Apr 12 j 10:11	16°♑15'17	19°12'58	
	-10400 Apr 22 j 08:15	0°♒		
asc. node	-10400 Apr 25 j 10:19	5°♒38'10		
morning set	-10400 Apr 29 j 07:34	13°♒10'20		
superior conj	-10400 May 07 j 18:41	29°♒52'14	1°34'23	
minimum elong	-10400 May 07 j 15:48	29°♒38'15	1°33'47	
	-10400 May 07 j 20:17	0°♓		
max. Earth dist.	-10400 May 14 j 00:29	11°♓37'41	1.38049 AU	
evening rise	-10400 May 18 j 00:10	18°♓46'25		
	-10400 May 24 j 14:51	0°♈		
desc. node	-10400 Jun 11 j 09:05	26°♈35'39		
	-10400 Jun 13 j 23:09	0°♉		
evening max el	-10400 Jun 22 j 19:11	10°♉14'41	24°49'37	
retrograde	-10400 Jul 04 j 08:10	17°♉01'52		
evening set	-10400 Jul 10 j 01:31	14°♉32'31		
min. Earth dist.	-10400 Jul 14 j 14:10	9°♉18'08	0.66942 AU	
inferior conj	-10400 Jul 15 j 08:29	8°♉16'53	-2°06'23	
minimum elong	-10400 Jul 15 j 10:47	8°♉09'11	2°05'19	
morning rise	-10400 Jul 20 j 20:01	2°♉11'54		
asc. node	-10400 Jul 22 j 11:00	1°♉17'28		
direct	-10400 Jul 24 j 12:40	0°♉52'54		
morning max el	-10400 Aug 01 j 07:24	5°♉26'50	20°12'43	
	-10400 Aug 19 j 03:07	0°♊		
morning set	-10400 Aug 28 j 02:44	13°♊49'34		
desc. node	-10400 Sep 07 j 06:45	29°♊49'22		
	-10400 Sep 07 j 09:25	0°♋		
max. Earth dist.	-10400 Sep 08 j 08:45	1°♋33'20	1.43736 AU	
superior conj	-10400 Sep 13 j 10:39	9°♋46'15	-0°36'51	
minimum elong	-10400 Sep 13 j 06:58	9°♋31'13	0°35'49	
	-10400 Sep 25 j 12:16	0°♌		
evening rise	-10400 Sep 26 j 15:24	1°♌56'27		
evening max el	-10400 Oct 14 j 09:15	29°♌24'24	18°13'20	
	-10400 Oct 14 j 23:47	0°♍		
asc. node	-10400 Oct 18 j 10:23	2°♍24'21		
retrograde	-10400 Oct 20 j 23:47	2°♍58'06		
evening set	-10400 Oct 23 j 16:41	2°♍20'35		
	-10400 Oct 27 j 01:39	30°℞♌		
inferior conj	-10400 Oct 30 j 02:07	26°♌57'45	3°14'26	
minimum elong	-10400 Oct 29 j 22:24	27°♌07'43	3°13'52	
min. Earth dist.	-10400 Nov 01 j 11:29	24°♌24'31	0.63242 AU	
morning rise	-10400 Nov 05 j 03:20	21°♌02'17		
direct	-10400 Nov 12 j 04:07	18°♌20'21		
morning max el	-10400 Nov 25 j 19:32	25°♌53'30	27°33'24	
	-10400 Nov 29 j 16:49	0°♍		
desc. node	-10400 Dec 04 j 07:27	5°♍36'29		
	-10400 Dec 20 j 08:05	0°♎		
morning set	-10400 Dec 29 j 23:02	18°♎00'54		
max. Earth dist.	-10399 Jan 04 j 08:35	29°♎09'28	1.33430 AU	
	-10399 Jan 04 j 18:06	0°♏		
superior conj	-10399 Jan 06 j 13:20	3°♏50'54	-1°08'30	
minimum elong	-10399 Jan 06 j 15:33	4°♏02'48	1°08'29	
evening rise	-10399 Jan 13 j 16:02	19°♏04'59		
asc. node	-10399 Jan 14 j 08:15	20°♏29'41		
	-10399 Jan 19 j 02:08	0°♐		
evening max el	-10399 Feb 06 j 01:18	26°♐04'45	23°22'22	
	-10399 Feb 11 j 01:35	0°♑		
retrograde	-10399 Feb 19 j 09:49	2°♑36'12		
evening set	-10399 Feb 23 j 02:56	2°♑06'00		
	-10399 Feb 28 j 05:07	30°℞♐		
desc. node	-10399 Mar 02 j 08:24	28°♐47'54		
min. Earth dist.	-10399 Mar 02 j 13:30	28°♐40'24	0.55911 AU	
inferior conj	-10399 Mar 04 j 05:04	27°♐41'38	-0°28'52	
minimum elong	-10399 Mar 04 j 03:50	27°♐43'28	0°29'04	
morning rise	-10399 Mar 13 j 06:58	23°♐38'49		
direct	-10399 Mar 15 j 12:43	23°♐26'20		
morning max el	-10399 Mar 26 j 03:38	28°♐27'13	20°16'02	
	-10399 Mar 27 j 16:26	0°♑		
asc. node	-10399 Apr 12 j 07:13	25°♑17'53		
morning set	-10399 Apr 13 j 11:14	27°♑39'02		
	-10399 Apr 14 j 14:58	0°♒		
superior conj	-10399 Apr 21 j 07:38	13°♒39'23	1°16'41	
minimum elong	-10399 Apr 21 j 04:44	13°♒24'45	1°15'50	
max. Earth dist.	-10399 Apr 26 j 05:35	23°♒20'55	1.36346 AU	
	-10399 Apr 29 j 18:02	0°♓		
evening rise	-10399 Apr 30 j 10:01	1°♓13'50		
	-10399 May 17 j 17:04	0°♈		
desc. node	-10399 May 29 j 06:30	15°♈51'13		
evening max el	-10399 Jun 05 j 05:07	23°♈38'06	26°01'06	
	-10399 Jun 13 j 19:33	0°♉		
retrograde	-10399 Jun 17 j 16:26	0°♉51'23		
	-10399 Jun 21 j 06:26	30°℞♈		
evening set	-10399 Jun 23 j 23:42	28°♈08'13		
min. Earth dist.	-10399 Jun 28 j 03:33	23°♈33'06	0.66308 AU	
inferior conj	-10399 Jun 29 j 10:36	21°♈54'25	-2°43'41	
minimum elong	-10399 Jun 29 j 13:10	21°♈46'16	2°42'52	
morning rise	-10399 Jul 05 j 02:42	16°♈01'10		
direct	-10399 Jul 08 j 10:38	14°♈57'04		
asc. node	-10399 Jul 09 j 07:52	15°♈01'27		
morning max el	-10399 Jul 15 j 12:15	18°♈59'01	19°14'46	
	-10399 Jul 23 j 23:09	0°♉		
morning set	-10399 Aug 07 j 12:36	22°♉38'44		
	-10399 Aug 12 j 04:28	0°♊		
max. Earth dist.	-10399 Aug 22 j 00:28	15°♊31'27	1.44498 AU	
superior conj	-10399 Aug 23 j 20:15	18°♊24'58	0°07'57	
minimum elong	-10399 Aug 23 j 21:18	18°♊29'07	0°08'24	
behind sun begin	-10399 Aug 23 j 11:29	17°♊50'11		
behind sun end	-10399 Aug 24 j 07:06	19°♊08'05		
desc. node	-10399 Aug 25 j 03:50	20°♊30'29		
	-10399 Aug 31 j 02:13	0°♋		
evening rise	-10399 Sep 08 j 01:23	12°♋56'25		
	-10399 Sep 18 j 13:15	0°♌		
evening max el	-10399 Sep 27 j 22:15	12°♌50'25	18°37'00	
retrograde	-10399 Oct 04 j 15:03	16°♌34'39		
asc. node	-10399 Oct 05 j 07:35	16°♌31'59		
evening set	-10399 Oct 07 j 13:20	15°♌46'53		
inferior conj	-10399 Oct 13 j 13:39	10°♌07'32	2°28'21	
minimum elong	-10399 Oct 13 j 10:26	10°♌16'59	2°27'48	
min. Earth dist.	-10399 Oct 15 j 09:46	7°♌57'43	0.64649 AU	
morning rise	-10399 Oct 19 j 07:01	4°♌00'34		
direct	-10399 Oct 25 j 23:52	1°♌15'20		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10399 Nov 08 j 05:19	8°♌46'54	27°05'10	
desc. node	-10399 Nov 21 j 04:08	24°♌29'31		
	-10399 Nov 24 j 23:25	0°♍		
	-10399 Dec 12 j 14:52	0°♎		
morning set	-10399 Dec 13 j 14:13	1°♎52'19		
max. Earth dist.	-10399 Dec 18 j 07:11	11°♎14'30	1.34342 AU	
superior conj	-10399 Dec 21 j 18:28	18°♎26'04	-1°24'31	
minimum elong	-10399 Dec 21 j 20:38	18°♎37'26	1°24'26	
	-10399 Dec 27 j 05:42	0°♏		
evening rise	-10399 Dec 29 j 02:24	3°♏54'21		
asc. node	-10398 Jan 01 j 05:31	10°♏17'41		
	-10398 Jan 12 j 18:57	0°♐		
evening max el	-10398 Jan 18 j 21:41	7°♐02'42	21°49'54	
retrograde	-10398 Jan 31 j 02:30	12°♐51'00		
evening set	-10398 Feb 03 j 01:24	12°♐31'30		
inferior conj	-10398 Feb 12 j 04:06	8°♐27'53	1°18'27	
minimum elong	-10398 Feb 12 j 07:26	8°♐23'08	1°16'52	
min. Earth dist.	-10398 Feb 12 j 04:01	8°♐27'59	0.55407 AU	
desc. node	-10398 Feb 17 j 05:21	5°♐47'54		
morning rise	-10398 Feb 21 j 13:45	4°♐22'03		
direct	-10398 Feb 24 j 04:15	4°♐06'49		
morning max el	-10398 Mar 08 j 10:08	9°♐59'29	21°37'12	
	-10398 Mar 22 j 12:05	0°♑		
morning set	-10398 Mar 28 j 19:55	12°♑27'23		
asc. node	-10398 Mar 30 j 04:11	15°♑14'47		
superior conj	-10398 Apr 05 j 06:05	27°♑58'53	0°55'32	
minimum elong	-10398 Apr 05 j 03:47	27°♑46'56	0°54'36	
	-10398 Apr 06 j 05:27	0°♒		
max. Earth dist.	-10398 Apr 08 j 19:44	5°♒18'08	1.34949 AU	
evening rise	-10398 Apr 13 j 13:09	14°♒36'25		
	-10398 Apr 22 j 00:43	0°♓		
	-10398 May 12 j 08:33	0°♈		
desc. node	-10398 May 16 j 03:54	4°♈22'51		
evening max el	-10398 May 18 j 15:49	6°♈57'37	26°54'54	
retrograde	-10398 May 31 j 19:52	14°♈25'51		
evening set	-10398 Jun 07 j 13:58	11°♈37'54		
min. Earth dist.	-10398 Jun 11 j 10:30	7°♈41'26	0.65285 AU	
inferior conj	-10398 Jun 13 j 07:36	5°♈28'06	-3°13'07	
minimum elong	-10398 Jun 13 j 09:54	5°♈21'18	3°12'43	
	-10398 Jun 18 j 22:48	30°℞♓		
morning rise	-10398 Jun 19 j 06:09	29°♓49'17		
direct	-10398 Jun 22 j 07:12	28°♓57'52		
	-10398 Jun 25 j 17:12	0°♈		
asc. node	-10398 Jun 26 j 04:42	0°♈17'57		
morning max el	-10398 Jun 28 j 22:24	2°♈36'57	18°32'41	
	-10398 Jul 17 j 07:58	0°♉		
morning set	-10398 Jul 18 j 20:44	2°♉30'33		
superior conj	-10398 Aug 02 j 19:59	26°♉38'10	0°53'17	
minimum elong	-10398 Aug 03 j 01:52	27°♉01'31	0°53'05	
max. Earth dist.	-10398 Aug 04 j 17:26	29°♉38'20	1.44554 AU	
	-10398 Aug 04 j 22:55	0°♊		
desc. node	-10398 Aug 12 j 01:02	11°♊11'15		
evening rise	-10398 Aug 19 j 08:38	22°♊43'13		
	-10398 Aug 23 j 23:30	0°♋		
evening max el	-10398 Sep 11 j 08:22	26°♋19'00	19°17'37	
	-10398 Sep 16 j 10:04	0°♌		
retrograde	-10398 Sep 18 j 10:22	0°♌22'15		
	-10398 Sep 20 j 09:27	30°℞♋		
evening set	-10398 Sep 21 j 16:19	29°♋21'12		
asc. node	-10398 Sep 22 j 04:45	29°♋00'19		
inferior conj	-10398 Sep 27 j 09:14	23°♋28'42	1°37'43	
minimum elong	-10398 Sep 27 j 07:01	23°♋35'44	1°37'27	
min. Earth dist.	-10398 Sep 28 j 16:53	21°♋48'27	0.65748 AU	
morning rise	-10398 Oct 02 j 21:21	17°♋13'41		
direct	-10398 Oct 09 j 01:56	14°♋35'39		
morning max el	-10398 Oct 21 j 15:31	21°♋55'53	26°10'04	
	-10398 Oct 28 j 19:01	0°♌		
desc. node	-10398 Nov 08 j 00:50	13°♌59'49		
	-10398 Nov 18 j 04:25	0°♍		
morning set	-10398 Nov 26 j 16:11	14°♍59'21		
max. Earth dist.	-10398 Nov 30 j 18:41	22°♍47'22	1.35689 AU	
	-10398 Dec 04 j 10:04	0°♎		
superior conj	-10398 Dec 05 j 17:04	2°♎36'53	-1°36'04	
minimum elong	-10398 Dec 05 j 18:37	2°♎44'45	1°35'56	
evening rise	-10398 Dec 13 j 10:05	18°♎29'56		
asc. node	-10398 Dec 19 j 02:50	29°♎44'32		
	-10398 Dec 19 j 06:09	0°♏		
evening max el	-10397 Jan 01 j 02:11	18°♏26'46	20°27'58	
retrograde	-10397 Jan 11 j 17:57	23°♏26'54		
evening set	-10397 Jan 14 j 08:34	23°♏10'11		
inferior conj	-10397 Jan 23 j 02:38	19°♏10'57	2°53'51	
minimum elong	-10397 Jan 23 j 08:22	19°♏02'25	2°52'02	
min. Earth dist.	-10397 Jan 24 j 17:56	18°♏12'35	0.55786 AU	
morning rise	-10397 Feb 01 j 06:30	14°♏46'18		
desc. node	-10397 Feb 04 j 02:14	14°♏19'29		
direct	-10397 Feb 04 j 20:12	14°♏18'14		
morning max el	-10397 Feb 18 j 06:30	20°♏55'52	23°11'16	
	-10397 Feb 25 j 22:30	0°♐		
morning set	-10397 Mar 13 j 07:27	27°♐27'19		
	-10397 Mar 14 j 12:31	0°♑		
asc. node	-10397 Mar 17 j 01:12	5°♑22'59		
superior conj	-10397 Mar 20 j 10:58	12°♑40'12	0°32'31	
minimum elong	-10397 Mar 20 j 09:36	12°♑32'51	0°31'40	
max. Earth dist.	-10397 Mar 22 j 19:48	17°♑40'45	1.33906 AU	
evening rise	-10397 Mar 28 j 04:35	28°♑38'28		
	-10397 Mar 28 j 21:08	0°♒		
	-10397 Apr 15 j 04:48	0°♓		
evening max el	-10397 May 01 j 02:21	20°♓02'52	27°23'35	
desc. node	-10397 May 03 j 01:17	21°♓51'34		
retrograde	-10397 May 14 j 17:50	27°♓36'11		
evening set	-10397 May 21 j 17:18	24°♓56'01		
min. Earth dist.	-10397 May 25 j 09:17	21°♓33'11	0.63865 AU	
inferior conj	-10397 May 27 j 20:56	18°♓52'50	-3°32'03	
minimum elong	-10397 May 27 j 22:18	18°♓49'08	3°32'07	
morning rise	-10397 Jun 03 j 04:05	13°♓30'49		
direct	-10397 Jun 05 j 23:50	12°♓50'03		
morning max el	-10397 Jun 12 j 11:39	16°♓15'49	18°07'55	
asc. node	-10397 Jun 13 j 01:31	16°♓51'34		
	-10397 Jun 22 j 06:41	0°♈		
morning set	-10397 Jun 30 j 06:23	13°♈33'38		
	-10397 Jul 10 j 00:04	0°♉		
superior conj	-10397 Jul 13 j 08:13	5°♉29'30	1°27'39	
minimum elong	-10397 Jul 13 j 14:13	5°♉53'59	1°27'28	
max. Earth dist.	-10397 Jul 18 j 08:23	13°♉35'05	1.43910 AU	
	-10397 Jul 28 j 18:23	0°♊		
evening rise	-10397 Jul 29 j 16:23	1°♊25'23		
desc. node	-10397 Jul 29 j 22:21	1°♊48'31		
	-10397 Aug 17 j 16:57	0°♋		
evening max el	-10397 Aug 25 j 13:20	9°♋47'02	20°13'46	
retrograde	-10397 Sep 02 j 07:08	14°♋17'47		
evening set	-10397 Sep 05 j 23:06	13°♋00'07		
asc. node	-10397 Sep 09 j 01:50	9°♋58'56		
inferior conj	-10397 Sep 11 j 10:23	6°♋57'43	0°45'27	
minimum elong	-10397 Sep 11 j 09:21	7°♋01'11	0°45'37	
min. Earth dist.	-10397 Sep 12 j 06:39	5°♋50'11	0.66541 AU	
morning rise	-10397 Sep 16 j 19:20	0°♋38'29		
	-10397 Sep 17 j 14:22	30°℞♊		
direct	-10397 Sep 22 j 09:45	28°♊14'46		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10397 Sep 27 j 18:50	0°♋	
morning max el	-10397 Oct 04 j 01:04	5°♋10'15	24°56'32
	-10397 Oct 23 j 06:46	0°♌	
desc. node	-10397 Oct 25 j 21:36	3°♌56'53	
morning set	-10397 Nov 08 j 23:55	27°♌08'09	
	-10397 Nov 10 j 14:29	0°♍	
max. Earth dist.	-10397 Nov 12 j 20:23	4°♍05'03	1.37434 AU
superior conj	-10397 Nov 19 j 06:05	16°♍14'33	-1°41'27
minimum elong	-10397 Nov 19 j 06:20	16°♍15'44	1°41'15
	-10397 Nov 26 j 03:53	0°♎	
evening rise	-10397 Nov 27 j 13:06	2°♎46'22	
asc. node	-10397 Dec 06 j 00:09	18°♎42'38	
	-10397 Dec 14 j 06:31	0°♏	
evening max el	-10397 Dec 14 j 16:56	0°♏25'14	19°23'01
retrograde	-10397 Dec 23 j 19:35	4°♏44'03	
evening set	-10397 Dec 26 j 08:04	4°♏25'46	
inferior conj	-10396 Jan 03 j 13:11	0°♏15'46	3°54'22
minimum elong	-10396 Jan 03 j 17:07	0°♏09'13	3°53'35
	-10396 Jan 03 j 22:38	30°℞♎	
min. Earth dist.	-10396 Jan 06 j 07:53	28°♎25'22	0.56953 AU
morning rise	-10396 Jan 11 j 23:57	25°♎26'15	
direct	-10396 Jan 16 j 22:05	24°♎30'41	
desc. node	-10396 Jan 21 j 23:02	25°♎29'28	
	-10396 Jan 29 j 03:10	0°♏	
morning max el	-10396 Jan 30 j 21:24	1°♏35'47	24°47'43
	-10396 Feb 19 j 13:38	0°♐	
morning set	-10396 Feb 25 j 19:58	12°♐32'07	
asc. node	-10396 Mar 02 j 22:18	25°♐37'51	
superior conj	-10396 Mar 03 j 20:00	27°♐35'30	0°08'49
minimum elong	-10396 Mar 03 j 19:39	27°♐33'35	0°08'10
behind sun begin	-10396 Mar 03 j 15:17	27°♐09'52	
behind sun end	-10396 Mar 04 j 00:02	27°♐57'16	
	-10396 Mar 04 j 22:45	0°♑	
max. Earth dist.	-10396 Mar 05 j 03:52	0°♑27'33	1.33209 AU
evening rise	-10396 Mar 11 j 04:38	13°♑07'50	
	-10396 Mar 20 j 01:16	0°♒	
	-10396 Apr 09 j 19:18	0°♓	
evening max el	-10396 Apr 12 j 10:44	2°♓42'40	27°21'34
desc. node	-10396 Apr 18 j 22:35	7°♓51'47	
retrograde	-10396 Apr 26 j 09:16	10°♓13'53	
evening set	-10396 May 03 j 06:15	7°♓55'03	
min. Earth dist.	-10396 May 06 j 22:56	4°♓56'07	0.62103 AU
inferior conj	-10396 May 09 j 23:33	2°♓02'35	-3°36'35
minimum elong	-10396 May 09 j 23:17	2°♓03'14	3°36'54
	-10396 May 12 j 04:29	30°℞♒	
morning rise	-10396 May 16 j 17:46	26°♒59'19	
direct	-10396 May 19 j 09:21	26°♒27'30	
morning max el	-10396 May 26 j 01:35	29°♒50'19	18°01'23
	-10396 May 26 j 05:31	0°♓	
asc. node	-10396 May 29 j 22:22	4°♓26'45	
morning set	-10396 Jun 11 j 14:20	25°♓40'46	
	-10396 Jun 14 j 00:13	0°♈	
superior conj	-10396 Jun 22 j 22:02	15°♈36'04	1°45'56
minimum elong	-10396 Jun 23 j 00:43	15°♈47'32	1°45'55
max. Earth dist.	-10396 Jun 29 j 19:12	27°♈06'41	1.42666 AU
	-10396 Jul 01 j 13:44	0°♉	
evening rise	-10396 Jul 07 j 17:26	9°♉49'16	
desc. node	-10396 Jul 15 j 19:42	22°♉18'09	
	-10396 Jul 20 j 23:16	0°♊	
evening max el	-10396 Aug 07 j 11:40	23°♊11'31	21°23'04
retrograde	-10396 Aug 16 j 03:18	28°♊17'41	
evening set	-10396 Aug 20 j 07:29	26°♊40'28	
inferior conj	-10396 Aug 25 j 14:58	20°♊31'00	-0°06'22
minimum elong	-10396 Aug 25 j 15:05	20°♊30'34	0°05'45
transit middle	-10396 Aug 25 j 15:05	20°♊30'34	0°05'45
transit begin	-10396 Aug 25 j 12:33	20°♊39'17	
transit end	-10396 Aug 25 j 17:38	20°♊21'52	
asc. node	-10396 Aug 25 j 22:52	20°♊03'52	
min. Earth dist.	-10396 Aug 26 j 00:34	19°♊58'05	0.67040 AU
morning rise	-10396 Aug 30 j 22:33	14°♊11'20	
direct	-10396 Sep 04 j 22:29	12°♊05'47	
morning max el	-10396 Sep 15 j 11:00	18°♊24'49	23°33'35
	-10396 Sep 25 j 03:14	0°♋	
desc. node	-10396 Oct 11 j 18:26	24°♋12'07	
	-10396 Oct 15 j 10:08	0°♌	
morning set	-10396 Oct 20 j 07:47	8°♌03'33	
max. Earth dist.	-10396 Oct 24 j 18:27	15°♌40'00	1.39414 AU
superior conj	-10396 Nov 01 j 05:14	29°♌06'25	-1°38'35
minimum elong	-10396 Nov 01 j 03:30	28°♌58'24	1°38'10
	-10396 Nov 01 j 16:43	0°♍	
evening rise	-10396 Nov 10 j 08:56	16°♍36'34	
	-10396 Nov 17 j 12:53	0°♎	
asc. node	-10396 Nov 21 j 21:27	7°♎01'56	
evening max el	-10396 Nov 26 j 17:09	12°♎55'09	18°37'50
retrograde	-10396 Dec 04 j 14:42	16°♎46'04	
evening set	-10396 Dec 07 j 02:48	16°♎24'16	
inferior conj	-10396 Dec 14 j 18:21	11°♎54'39	4°15'52
minimum elong	-10396 Dec 14 j 18:40	11°♎54'02	4°15'48
min. Earth dist.	-10396 Dec 17 j 23:47	9°♎27'00	0.58631 AU
morning rise	-10396 Dec 22 j 08:41	6°♎42'16	
direct	-10396 Dec 28 j 11:37	5°♎09'23	
desc. node	-10395 Jan 07 j 19:47	9°♎15'10	
morning max el	-10395 Jan 11 j 13:36	12°♎27'39	26°12'03
	-10395 Jan 25 j 07:56	0°♏	
morning set	-10395 Feb 09 j 07:42	27°♏35'10	
	-10395 Feb 10 j 11:11	0°♐	
superior conj	-10395 Feb 16 j 07:16	12°♐37'51	-0°14'40
minimum elong	-10395 Feb 16 j 07:54	12°♐41'18	0°15'05
behind sun begin	-10395 Feb 16 j 06:29	12°♐33'31	
behind sun end	-10395 Feb 16 j 09:19	12°♐49'05	
max. Earth dist.	-10395 Feb 16 j 16:34	13°♐28'39	1.32836 AU
asc. node	-10395 Feb 17 j 19:26	15°♐55'01	
evening rise	-10395 Feb 23 j 10:28	27°♐54'38	
	-10395 Feb 24 j 10:51	0°♑	
	-10395 Mar 13 j 12:34	0°♒	
evening max el	-10395 Mar 25 j 14:31	14°♒46'56	26°46'44
desc. node	-10395 Apr 05 j 19:47	21°♒50'52	
retrograde	-10395 Apr 08 j 16:42	22°♒11'54	
evening set	-10395 Apr 15 j 01:30	20°♒25'06	
min. Earth dist.	-10395 Apr 19 j 03:43	17°♒36'19	0.60129 AU
inferior conj	-10395 Apr 22 j 11:53	14°♒49'16	-3°21'07
minimum elong	-10395 Apr 22 j 09:32	14°♒54'13	3°21'17
morning rise	-10395 Apr 29 j 19:55	10°♒06'15	
direct	-10395 May 02 j 07:49	9°♒42'09	
morning max el	-10395 May 09 j 13:33	13°♒13'54	18°13'51
asc. node	-10395 May 16 j 19:13	22°♒50'01	
	-10395 May 20 j 22:55	0°♓	
morning set	-10395 May 25 j 15:46	8°♓41'12	
superior conj	-10395 Jun 04 j 14:21	27°♓02'40	1°49'31
minimum elong	-10395 Jun 04 j 13:47	27°♓00'06	1°49'24
	-10395 Jun 06 j 06:06	0°♈	
max. Earth dist.	-10395 Jun 12 j 00:41	10°♈01'05	1.40989 AU
evening rise	-10395 Jun 17 j 10:07	18°♈58'54	
	-10395 Jun 24 j 08:28	0°♉	
desc. node	-10395 Jul 02 j 17:05	12°♉36'07	
	-10395 Jul 15 j 09:36	0°♊	
evening max el	-10395 Jul 21 j 03:25	6°♊32'55	22°41'37
retrograde	-10395 Jul 30 j 21:27	12°♊19'58	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10395 Aug 04 j 15:32	10°♊21'31	
inferior conj	-10395 Aug 09 j 21:09	4°♊07'35	-0°56'02
minimum elong	-10395 Aug 09 j 22:18	4°♊03'34	0°55'05
min. Earth dist.	-10395 Aug 09 j 20:16	4°♊10'36	0.67248 AU
asc. node	-10395 Aug 12 j 19:51	0°♊15'09	
	-10395 Aug 13 j 01:01	30°℞♉	
morning rise	-10395 Aug 15 j 05:00	27°♉51'04	
direct	-10395 Aug 19 j 15:22	26°♉04'38	
	-10395 Aug 27 j 06:08	0°♊	
morning max el	-10395 Aug 29 j 00:07	1°♊41'37	22°09'50
	-10395 Sep 19 j 02:55	0°♋	
desc. node	-10395 Sep 28 j 15:20	14°♋40'01	
morning set	-10395 Sep 30 j 12:46	17°♋40'58	
max. Earth dist.	-10395 Oct 06 j 19:45	27°♋58'43	1.41367 AU
	-10395 Oct 08 j 00:38	0°♌	
superior conj	-10395 Oct 14 j 09:13	10°♌58'20	-1°24'55
minimum elong	-10395 Oct 14 j 05:21	10°♌41'20	1°24'08
evening rise	-10395 Oct 24 j 18:31	29°♌53'26	
	-10395 Oct 24 j 19:56	0°♍	
asc. node	-10395 Nov 08 j 18:44	24°♍30'40	
evening max el	-10395 Nov 10 j 00:38	25°♍50'06	18°12'57
retrograde	-10395 Nov 17 j 03:17	29°♍26'13	
evening set	-10395 Nov 19 j 15:50	28°♍59'49	
inferior conj	-10395 Nov 26 j 18:40	24°♍08'19	4°06'42
minimum elong	-10395 Nov 26 j 16:13	24°♍13'44	4°06'35
min. Earth dist.	-10395 Nov 29 j 21:29	21°♍23'32	0.60499 AU
morning rise	-10395 Dec 03 j 15:13	18°♍36'30	
direct	-10395 Dec 10 j 11:33	16°♍27'47	
morning max el	-10395 Dec 24 j 11:44	23°♍54'02	27°10'25
desc. node	-10395 Dec 25 j 16:30	25°♍05'19	
	-10395 Dec 30 j 01:59	0°♎	
	-10394 Jan 18 j 09:14	0°♏	
morning set	-10394 Jan 24 j 16:46	12°♏29'26	
superior conj	-10394 Jan 31 j 19:04	27°♏41'04	-0°37'07
minimum elong	-10394 Jan 31 j 20:32	27°♏49'03	0°37'19
max. Earth dist.	-10394 Jan 31 j 06:05	26°♏30'14	1.32788 AU
	-10394 Feb 01 j 20:31	0°♐	
asc. node	-10394 Feb 04 j 16:36	6°♐10'07	
evening rise	-10394 Feb 07 j 19:50	12°♐50'42	
	-10394 Feb 16 j 15:11	0°♑	
evening max el	-10394 Mar 07 j 12:22	26°♑12'19	25°41'56
	-10394 Mar 12 j 02:29	0°♒	
retrograde	-10394 Mar 21 j 14:32	3°♒26'09	
desc. node	-10394 Mar 23 j 16:55	3°♒15'26	
evening set	-10394 Mar 27 j 01:18	2°♒14'54	
	-10394 Mar 31 j 02:40	30°℞♑	
min. Earth dist.	-10394 Apr 01 j 01:27	29°♑21'25	0.58174 AU
inferior conj	-10394 Apr 04 j 06:18	27°♑02'57	-2°38'44
minimum elong	-10394 Apr 04 j 02:24	27°♑10'02	2°38'26
morning rise	-10394 Apr 12 j 06:42	22°♑39'58	
direct	-10394 Apr 14 j 14:46	22°♑22'21	
morning max el	-10394 Apr 22 j 20:38	26°♑17'16	18°45'49
	-10394 Apr 26 j 04:14	0°♒	
asc. node	-10394 May 03 j 16:03	11°♒49'30	
morning set	-10394 May 09 j 06:07	22°♒22'55	
	-10394 May 13 j 04:05	0°♓	
superior conj	-10394 May 18 j 04:11	9°♓35'33	1°42'10
minimum elong	-10394 May 18 j 01:45	9°♓24'05	1°41'45
max. Earth dist.	-10394 May 25 j 01:27	22°♓12'15	1.39109 AU
evening rise	-10394 May 29 j 05:30	29°♓27'42	
	-10394 May 29 j 13:04	0°♈	
	-10394 Jun 17 j 18:06	0°♉	
desc. node	-10394 Jun 19 j 14:29	2°♉36'20	
evening max el	-10394 Jul 03 j 14:30	19°♉53'13	24°03'42
retrograde	-10394 Jul 14 j 12:29	26°♉20'57	
evening set	-10394 Jul 19 j 21:21	24°♉01'50	
min. Earth dist.	-10394 Jul 24 j 15:25	18°♉25'58	0.67147 AU
inferior conj	-10394 Jul 25 j 03:10	17°♉45'56	-1°42'05
minimum elong	-10394 Jul 25 j 05:08	17°♉39'12	1°41'00
morning rise	-10394 Jul 30 j 12:53	11°♉35'51	
asc. node	-10394 Jul 30 j 16:46	11°♉28'42	
direct	-10394 Aug 03 j 11:21	10°♉07'34	
morning max el	-10394 Aug 11 j 18:47	15°♉03'21	20°52'20
	-10394 Aug 23 j 09:23	0°♊	
morning set	-10394 Sep 09 j 20:13	26°♊19'35	
	-10394 Sep 12 j 04:30	0°♋	
desc. node	-10394 Sep 15 j 12:20	5°♋16'01	
max. Earth dist.	-10394 Sep 19 j 03:03	11°♋04'29	1.43011 AU
superior conj	-10394 Sep 25 j 12:16	21°♋35'45	-0°58'14
minimum elong	-10394 Sep 25 j 07:35	21°♋16'09	0°57'09
	-10394 Sep 30 j 10:56	0°♌	
evening rise	-10394 Oct 07 j 13:46	12°♌27'18	
	-10394 Oct 17 j 18:26	0°♍	
evening max el	-10394 Oct 24 j 12:36	9°♍02'50	18°07'47
asc. node	-10394 Oct 26 j 15:58	10°♍54'20	
retrograde	-10394 Oct 31 j 05:24	12°♍34'58	
evening set	-10394 Nov 02 j 20:02	12°♍02'16	
inferior conj	-10394 Nov 09 j 11:26	6°♍50'20	3°37'19
minimum elong	-10394 Nov 09 j 07:48	6°♍59'27	3°36'52
min. Earth dist.	-10394 Nov 12 j 04:12	4°♍08'03	0.62297 AU
morning rise	-10394 Nov 15 j 18:32	1°♍02'23	
	-10394 Nov 17 j 09:21	30°℞♌	
direct	-10394 Nov 22 j 20:25	28°♌28'22	
	-10394 Nov 28 j 16:15	0°♍	
morning max el	-10394 Dec 06 j 16:11	6°♍00'49	27°35'04
desc. node	-10394 Dec 12 j 13:11	12°♍26'43	
	-10394 Dec 24 j 23:15	0°♎	
morning set	-10393 Jan 08 j 21:07	27°♎07'34	
	-10393 Jan 10 j 06:47	0°♏	
max. Earth dist.	-10393 Jan 14 j 16:39	9°♏19'04	1.33083 AU
superior conj	-10393 Jan 16 j 05:46	12°♏39'25	-0°57'46
minimum elong	-10393 Jan 16 j 07:49	12°♏50'28	0°57'48
asc. node	-10393 Jan 22 j 13:48	26°♏19'07	
evening rise	-10393 Jan 23 j 06:57	27°♏49'37	
	-10393 Jan 24 j 07:56	0°♐	
	-10393 Feb 10 j 20:52	0°♑	
evening max el	-10393 Feb 17 j 06:01	7°♑10'23	24°16'11
retrograde	-10393 Mar 03 j 00:52	14°♑02'07	
evening set	-10393 Mar 07 j 08:15	13°♑20'32	
desc. node	-10393 Mar 10 j 13:58	11°♑59'43	
min. Earth dist.	-10393 Mar 13 j 19:09	10°♑09'41	0.56557 AU
inferior conj	-10393 Mar 16 j 04:55	8°♑38'30	-1°24'38
minimum elong	-10393 Mar 16 j 01:47	8°♑43'28	1°24'18
morning rise	-10393 Mar 24 j 22:22	4°♑30'59	
direct	-10393 Mar 27 j 03:26	4°♑17'45	
morning max el	-10393 Apr 05 j 19:57	8°♑51'16	19°37'31
	-10393 Apr 19 j 21:04	0°♒	
asc. node	-10393 Apr 20 j 12:57	1°♒16'45	
morning set	-10393 Apr 23 j 05:47	6°♒36'47	
superior conj	-10393 May 01 j 10:03	22°♒59'35	1°27'25
minimum elong	-10393 May 01 j 07:04	22°♒44'48	1°26'42
	-10393 May 05 j 00:43	0°♓	
max. Earth dist.	-10393 May 07 j 02:40	3°♓55'54	1.37287 AU
evening rise	-10393 May 11 j 02:53	11°♓16'14	
	-10393 May 22 j 05:08	0°♈	
desc. node	-10393 Jun 06 j 11:53	22°♈11'08	
	-10393 Jun 12 j 22:11	0°♉	
evening max el	-10393 Jun 16 j 00:09	3°♉15'41	25°21'39

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10393 Jun 27 j 23:35	10°♉16'13		
evening set	-10393 Jul 03 j 22:59	7°♉40'04		
min. Earth dist.	-10393 Jul 08 j 07:41	2°♉42'08	0.66712 AU	
inferior conj	-10393 Jul 09 j 07:17	1°♉24'38	-2°23'03	
minimum elong	-10393 Jul 09 j 09:45	1°♉16'33	2°22'05	
	-10393 Jul 10 j 09:19	30°℞♈		
morning rise	-10393 Jul 14 j 20:31	25°♈24'12		
asc. node	-10393 Jul 17 j 13:39	24°♈15'43		
direct	-10393 Jul 18 j 09:08	24°♈11'58		
morning max el	-10393 Jul 25 j 20:00	28°♈31'46	19°46'13	
	-10393 Jul 27 j 04:31	0°♉		
	-10393 Aug 16 j 21:07	0°♊		
morning set	-10393 Aug 19 j 23:13	4°♊48'27		
max. Earth dist.	-10393 Sep 01 j 15:53	24°♊46'41	1.44138 AU	
desc. node	-10393 Sep 02 j 09:23	25°♊56'24		
	-10393 Sep 04 j 22:17	0°♋		
superior conj	-10393 Sep 05 j 11:37	0°♋53'35	-0°18'41	
minimum elong	-10393 Sep 05 j 09:33	0°♋45'18	0°17'50	
evening rise	-10393 Sep 19 j 13:31	24°♋05'29		
	-10393 Sep 23 j 01:40	0°♌		
evening max el	-10393 Oct 08 j 02:06	22°♌26'08	18°21'17	
asc. node	-10393 Oct 13 j 13:12	25°♌56'12		
retrograde	-10393 Oct 14 j 16:51	26°♌03'18		
evening set	-10393 Oct 17 j 11:41	25°♌21'56		
inferior conj	-10393 Oct 23 j 17:04	19°♌51'59	2°55'41	
minimum elong	-10393 Oct 23 j 13:29	20°♌02'01	2°55'04	
min. Earth dist.	-10393 Oct 25 j 20:54	17°♌27'19	0.63878 AU	
morning rise	-10393 Oct 29 j 14:34	13°♌51'08		
direct	-10393 Nov 05 j 12:47	11°♌05'55		
morning max el	-10393 Nov 19 j 00:37	18°♌40'03	27°25'01	
	-10393 Nov 28 j 18:14	0°♍		
desc. node	-10393 Nov 29 j 09:52	0°♍52'08		
	-10393 Dec 17 j 18:59	0°♎		
morning set	-10393 Dec 23 j 18:02	11°♎19'05		
max. Earth dist.	-10393 Dec 28 j 20:20	21°♎41'16	1.33763 AU	
superior conj	-10393 Dec 31 j 13:32	27°♎25'16	-1°15'47	
minimum elong	-10393 Dec 31 j 15:48	27°♎37'16	1°15'43	
	-10392 Jan 01 j 18:33	0°♏		
evening rise	-10392 Jan 07 j 18:03	12°♏44'04		
asc. node	-10392 Jan 09 j 11:03	16°♏16'23		
	-10392 Jan 16 j 15:53	0°♐		
evening max el	-10392 Jan 29 j 23:58	18°♐01'57	22°42'22	
retrograde	-10392 Feb 11 j 22:36	24°♐16'09		
evening set	-10392 Feb 15 j 06:23	23°♐52'01		
min. Earth dist.	-10392 Feb 23 j 10:47	20°♐12'08	0.55590 AU	
inferior conj	-10392 Feb 24 j 10:09	19°♐38'21	0°16'10	
minimum elong	-10392 Feb 24 j 10:50	19°♐37'22	0°15'23	
transit middle	-10392 Feb 24 j 10:50	19°♐37'22	0°15'23	
transit begin	-10392 Feb 24 j 09:55	19°♐38'42		
transit end	-10392 Feb 24 j 11:45	19°♐36'02		
desc. node	-10392 Feb 25 j 10:57	19°♐02'40		
morning rise	-10392 Mar 04 j 16:40	15°♐35'49		
direct	-10392 Mar 07 j 00:28	15°♐23'01		
morning max el	-10392 Mar 18 j 08:50	20°♐46'33	20°48'31	
	-10392 Mar 25 j 20:31	0°♑		
morning set	-10392 Apr 06 j 11:51	21°♑14'20		
asc. node	-10392 Apr 06 j 09:53	21°♑04'20		
	-10392 Apr 10 j 17:39	0°♒		
superior conj	-10392 Apr 14 j 03:26	7°♒01'24	1°08'01	
minimum elong	-10392 Apr 14 j 00:44	6°♒47'35	1°07'07	
max. Earth dist.	-10392 Apr 18 j 11:02	15°♒41'24	1.35710 AU	
evening rise	-10392 Apr 22 j 20:45	24°♒09'11		
	-10392 Apr 26 j 01:08	0°♓		
	-10392 May 14 j 18:31	0°♈		
desc. node	-10392 May 23 j 09:17	11°♈09'55		
evening max el	-10392 May 28 j 10:33	16°♈38'54	26°26'48	
retrograde	-10392 Jun 10 j 05:56	24°♈00'02		
evening set	-10392 Jun 16 j 18:09	21°♈13'50		
min. Earth dist.	-10392 Jun 20 j 18:45	16°♈55'07	0.65912 AU	
inferior conj	-10392 Jun 22 j 07:32	15°♈01'21	-2°57'18	
minimum elong	-10392 Jun 22 j 10:03	14°♈53'33	2°56'39	
morning rise	-10392 Jun 28 j 02:05	9°♈13'38		
direct	-10392 Jul 01 j 06:52	8°♈15'08		
asc. node	-10392 Jul 03 j 10:30	8°♈40'32		
morning max el	-10392 Jul 08 j 03:16	12°♈06'31	18°54'49	
	-10392 Jul 20 j 22:34	0°♉		
morning set	-10392 Jul 29 j 17:33	14°♉01'55		
	-10392 Aug 08 j 18:15	0°♊		
superior conj	-10392 Aug 14 j 14:31	9°♊14'54	0°27'51	
minimum elong	-10392 Aug 14 j 17:58	9°♊28'35	0°27'56	
max. Earth dist.	-10392 Aug 14 j 08:20	8°♊50'26	1.44607 AU	
desc. node	-10392 Aug 19 j 06:33	16°♊38'18		
	-10392 Aug 27 j 15:49	0°♋		
evening rise	-10392 Aug 30 j 12:27	4°♋35'28		
	-10392 Sep 15 j 18:53	0°♌		
evening max el	-10392 Sep 20 j 14:20	5°♌54'55	18°52'19	
retrograde	-10392 Sep 27 j 10:05	9°♌45'48		
asc. node	-10392 Sep 29 j 10:23	9°♌22'43		
evening set	-10392 Sep 30 j 11:25	8°♌52'44		
inferior conj	-10392 Oct 06 j 08:24	3°♌07'38	2°07'14	
minimum elong	-10392 Oct 06 j 05:34	3°♌16'15	2°06'47	
min. Earth dist.	-10392 Oct 07 j 23:07	1°♌09'51	0.65162 AU	
	-10392 Oct 08 j 22:53	30°℞♋		
morning rise	-10392 Oct 11 j 23:17	26°♋57'04		
direct	-10392 Oct 18 j 11:28	24°♋13'35		
	-10392 Oct 29 j 15:51	0°♌		
morning max el	-10392 Oct 31 j 10:36	1°♌41'13	26°44'27	
desc. node	-10392 Nov 15 j 06:36	20°♌03'08		
	-10392 Nov 21 j 20:48	0°♍		
morning set	-10392 Dec 06 j 04:08	24°♍53'19		
	-10392 Dec 08 j 19:33	0°♎		
max. Earth dist.	-10392 Dec 10 j 14:12	3°♎31'23	1.34870 AU	
superior conj	-10392 Dec 14 j 16:16	11°♎51'34	-1°30'04	
minimum elong	-10392 Dec 14 j 18:14	12°♎01'50	1°29'57	
evening rise	-10392 Dec 22 j 03:31	27°♎28'31		
	-10392 Dec 23 j 08:59	0°♏		
asc. node	-10392 Dec 26 j 08:21	5°♏56'22		
evening max el	-10391 Jan 10 j 23:29	29°♏09'41	21°13'11	
	-10391 Jan 11 j 21:49	0°♐		
retrograde	-10391 Jan 22 j 12:45	4°♐36'34		
evening set	-10391 Jan 25 j 07:16	4°♐18'53		
inferior conj	-10391 Feb 03 j 07:14	0°♐19'38	2°02'07	
minimum elong	-10391 Feb 03 j 12:05	0°♐12'41	2°00'13	
	-10391 Feb 03 j 20:57	30°℞♏		
min. Earth dist.	-10391 Feb 04 j 00:54	29°♏54'21	0.55472 AU	
desc. node	-10391 Feb 11 j 07:52	26°♏28'12		
morning rise	-10391 Feb 12 j 16:10	26°♏07'20		
direct	-10391 Feb 15 j 15:08	25°♏48'01		
	-10391 Feb 26 j 02:47	0°♐		
morning max el	-10391 Feb 28 j 10:29	2°♐01'19	22°16'04	
	-10391 Mar 18 j 21:39	0°♑		
morning set	-10391 Mar 21 j 21:58	6°♑08'16		
asc. node	-10391 Mar 24 j 06:52	11°♑06'31		
superior conj	-10391 Mar 29 j 04:53	21°♑30'42	0°45'54	
minimum elong	-10391 Mar 29 j 02:57	21°♑20'32	0°44'59	
max. Earth dist.	-10391 Apr 01 j 05:43	27°♑49'44	1.34467 AU	
	-10391 Apr 02 j 07:12	0°♒		
evening rise	-10391 Apr 06 j 05:37	7°♒50'01		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10391 Apr 18 j 14:48	0°♓	
desc. node	-10391 May 10 j 06:41	29°♓17'21	
	-10391 May 10 j 23:57	0°♈	
evening max el	-10391 May 10 j 21:35	29°♓54'15	27°10'43
retrograde	-10391 May 24 j 06:54	7°♈24'49	
evening set	-10391 May 31 j 04:07	4°♈38'49	
min. Earth dist.	-10391 Jun 03 j 22:23	0°♈57'27	0.64724 AU
	-10391 Jun 04 j 18:45	30°℞♓	
inferior conj	-10391 Jun 06 j 01:36	28°♓31'42	-3°22'40
minimum elong	-10391 Jun 06 j 03:36	28°♓26'01	3°22'29
morning rise	-10391 Jun 12 j 03:30	22°♓59'37	
direct	-10391 Jun 15 j 02:15	22°♓12'46	
asc. node	-10391 Jun 20 j 07:20	24°♓31'29	
morning max el	-10391 Jun 21 j 14:56	25°♓44'47	18°20'00
	-10391 Jun 25 j 04:54	0°♈	
morning set	-10391 Jul 10 j 12:40	24°♈24'19	
	-10391 Jul 13 j 21:27	0°♉	
superior conj	-10391 Jul 24 j 16:54	17°♉36'19	1°09'43
minimum elong	-10391 Jul 24 j 23:29	18°♉02'40	1°09'27
max. Earth dist.	-10391 Jul 28 j 01:18	22°♉56'57	1.44362 AU
	-10391 Aug 01 j 12:16	0°♊	
desc. node	-10391 Aug 06 j 03:49	7°♊18'04	
evening rise	-10391 Aug 10 j 08:32	13°♊51'45	
	-10391 Aug 20 j 18:33	0°♋	
greatest brilliancy	-10391 Aug 21 j 17:41	1°♋28'07	-0.7m
evening max el	-10391 Sep 03 j 22:34	19°♋23'51	19°39'43
retrograde	-10391 Sep 11 j 06:17	23°♋37'23	
evening set	-10391 Sep 14 j 16:19	22°♋29'28	
asc. node	-10391 Sep 16 j 07:31	21°♋10'23	
inferior conj	-10391 Sep 20 j 06:37	16°♋32'18	1°15'36
minimum elong	-10391 Sep 20 j 04:53	16°♋37'54	1°15'31
min. Earth dist.	-10391 Sep 21 j 09:12	15°♋06'00	0.66126 AU
morning rise	-10391 Sep 25 j 17:10	10°♋15'17	
direct	-10391 Oct 01 j 15:53	7°♋42'54	
morning max el	-10391 Oct 13 j 20:31	14°♋53'22	25°40'33
	-10391 Oct 26 j 08:16	0°♌	
desc. node	-10391 Nov 02 j 03:21	9°♌46'09	
	-10391 Nov 14 j 16:00	0°♍	
morning set	-10391 Nov 18 j 23:01	7°♍37'21	
max. Earth dist.	-10391 Nov 22 j 21:25	14°♍56'17	1.36398 AU
superior conj	-10391 Nov 28 j 11:14	25°♍49'47	-1°39'13
minimum elong	-10391 Nov 28 j 12:19	25°♍55'12	1°39'04
	-10391 Nov 30 j 12:53	0°♎	
evening rise	-10391 Dec 06 j 09:30	11°♎57'11	
asc. node	-10391 Dec 13 j 05:40	25°♎12'21	
	-10391 Dec 16 j 00:45	0°♏	
evening max el	-10391 Dec 24 j 08:13	10°♏48'09	19°57'54
retrograde	-10390 Jan 03 j 07:24	15°♏29'30	
evening set	-10390 Jan 05 j 20:51	15°♏12'19	
inferior conj	-10390 Jan 14 j 09:37	11°♏09'39	3°24'30
minimum elong	-10390 Jan 14 j 15:01	11°♏01'15	3°23'04
min. Earth dist.	-10390 Jan 16 j 14:19	9°♏48'14	0.56205 AU
morning rise	-10390 Jan 23 j 07:14	6°♏34'56	
direct	-10390 Jan 27 j 10:19	5°♏57'08	
desc. node	-10390 Jan 29 j 04:43	6°♏04'15	
morning max el	-10390 Feb 10 j 03:45	12°♏47'51	23°52'53
	-10390 Feb 23 j 05:49	0°♐	
morning set	-10390 Mar 06 j 10:10	21°♐11'58	
	-10390 Mar 10 j 13:19	0°♑	
asc. node	-10390 Mar 11 j 03:56	1°♑18'39	
superior conj	-10390 Mar 13 j 11:49	6°♑19'27	0°22'29
minimum elong	-10390 Mar 13 j 10:52	6°♑14'22	0°21'42
max. Earth dist.	-10390 Mar 15 j 09:50	10°♑25'16	1.33569 AU
evening rise	-10390 Mar 21 j 01:09	22°♑05'29	
	-10390 Mar 25 j 02:30	0°♒	
	-10390 Apr 12 j 11:11	0°♓	
evening max el	-10390 Apr 23 j 07:26	12°♓50'13	27°26'39
desc. node	-10390 Apr 27 j 04:00	16°♓12'27	
retrograde	-10390 May 07 j 01:59	20°♓22'56	
evening set	-10390 May 14 j 01:45	17°♓50'01	
min. Earth dist.	-10390 May 17 j 17:08	14°♓39'11	0.63155 AU
inferior conj	-10390 May 20 j 10:46	11°♓51'08	-3°36'04
minimum elong	-10390 May 20 j 11:32	11°♓49'11	3°36'16
morning rise	-10390 May 26 j 22:19	6°♓37'05	
direct	-10390 May 29 j 16:17	6°♓00'13	
morning max el	-10390 Jun 05 j 04:50	9°♓23'00	18°02'56
asc. node	-10390 Jun 07 j 04:09	11°♓33'24	
	-10390 Jun 18 j 22:46	0°♈	
morning set	-10390 Jun 22 j 08:19	5°♈55'56	
superior conj	-10390 Jul 04 j 15:14	26°♈57'19	1°37'25
minimum elong	-10390 Jul 04 j 20:00	27°♈17'08	1°37'19
	-10390 Jul 06 j 11:25	0°♉	
max. Earth dist.	-10390 Jul 10 j 15:06	6°♉46'15	1.43446 AU
evening rise	-10390 Jul 20 j 10:38	22°♉18'14	
desc. node	-10390 Jul 24 j 01:08	27°♉52'28	
	-10390 Jul 25 j 10:24	0°♊	
	-10390 Aug 15 j 11:19	0°♋	
evening max el	-10390 Aug 18 j 00:43	2°♋49'54	20°41'47
retrograde	-10390 Aug 26 j 03:05	7°♋35'05	
evening set	-10390 Aug 30 j 00:02	6°♋09'15	
asc. node	-10390 Sep 03 j 04:35	1°♋39'50	
inferior conj	-10390 Sep 04 j 09:27	0°♋03'13	0°23'17
minimum elong	-10390 Sep 04 j 08:55	0°♋05'02	0°23'40
	-10390 Sep 04 j 10:24	30°℞♊	
min. Earth dist.	-10390 Sep 05 j 01:01	29°♊10'30	0.66785 AU
morning rise	-10390 Sep 09 j 17:36	23°♊43'20	
direct	-10390 Sep 15 j 01:40	21°♊27'20	
morning max el	-10390 Sep 26 j 06:11	28°♊08'40	24°21'57
	-10390 Sep 28 j 00:35	0°♋	
desc. node	-10390 Oct 20 j 00:10	29°♋51'51	
	-10390 Oct 20 j 02:16	0°♌	
morning set	-10390 Oct 31 j 21:16	19°♌16'47	
max. Earth dist.	-10390 Nov 04 j 20:57	26°♌18'31	1.38259 AU
	-10390 Nov 06 j 21:45	0°♍	
superior conj	-10390 Nov 11 j 18:55	9°♍09'31	-1°41'23
minimum elong	-10390 Nov 11 j 18:23	9°♍07'01	1°41'07
evening rise	-10390 Nov 20 j 09:49	26°♍03'42	
	-10390 Nov 22 j 10:00	0°♎	
asc. node	-10390 Nov 30 j 02:59	13°♎55'41	
evening max el	-10390 Dec 07 j 03:06	23°♎00'40	19°01'16
retrograde	-10390 Dec 15 j 16:29	27°♎06'24	
evening set	-10390 Dec 18 j 04:28	26°♎46'55	
inferior conj	-10390 Dec 26 j 03:45	22°♎29'03	4°07'55
minimum elong	-10390 Dec 26 j 06:11	22°♎24'46	4°07'34
min. Earth dist.	-10390 Dec 29 j 04:51	20°♎20'32	0.57617 AU
morning rise	-10389 Jan 03 j 05:44	17°♎29'02	
direct	-10389 Jan 08 j 16:54	16°♎18'24	
desc. node	-10389 Jan 16 j 01:31	18°♎23'39	
morning max el	-10389 Jan 22 j 18:41	23°♎30'44	25°26'03
	-10389 Jan 28 j 15:15	0°♏	
	-10389 Feb 15 j 21:06	0°♐	
morning set	-10389 Feb 18 j 22:35	6°♐17'30	
superior conj	-10389 Feb 25 j 22:02	21°♐19'09	-0°01'14
minimum elong	-10389 Feb 25 j 22:07	21°♐19'35	0°01'48
behind sun begin	-10389 Feb 25 j 17:06	20°♐52'20	
behind sun end	-10389 Feb 26 j 03:07	21°♐46'50	
asc. node	-10389 Feb 26 j 01:02	21°♐35'29	
max. Earth dist.	-10389 Feb 26 j 20:14	23°♐19'42	1.33007 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10389 Mar 01 j 22:42	0°♉	
evening rise	-10389 Mar 05 j 03:57	6°♉43'36	
	-10389 Mar 17 j 16:13	0°♒	
evening max el	-10389 Apr 05 j 13:50	25°♒15'05	27°10'36
	-10389 Apr 11 j 10:51	0°♓	
desc. node	-10389 Apr 14 j 01:14	1°♓25'43	
retrograde	-10389 Apr 19 j 14:24	2°♓44'58	
evening set	-10389 Apr 26 j 07:31	0°♓38'25	
	-10389 Apr 27 j 06:49	30°℞♒	
min. Earth dist.	-10389 Apr 30 j 02:45	27°♒45'49	0.61279 AU
inferior conj	-10389 May 03 j 07:42	24°♒52'01	-3°32'52
minimum elong	-10389 May 03 j 06:34	24°♒54'36	3°33'11
morning rise	-10389 May 10 j 07:31	19°♒57'37	
direct	-10389 May 12 j 21:27	19°♒29'20	
morning max el	-10389 May 19 j 18:19	22°♒54'21	18°04'21
asc. node	-10389 May 25 j 00:59	29°♒30'42	
	-10389 May 25 j 08:47	0°♓	
morning set	-10389 Jun 05 j 00:14	18°♓26'51	
	-10389 Jun 11 j 08:55	0°♈	
superior conj	-10389 Jun 15 j 16:45	7°♈39'16	1°49'03
minimum elong	-10389 Jun 15 j 17:55	7°♈44'21	1°49'02
max. Earth dist.	-10389 Jun 22 j 23:09	20°♈01'13	1.41987 AU
	-10389 Jun 29 j 02:17	0°♉	
evening rise	-10389 Jun 29 j 15:53	0°♉54'14	
desc. node	-10389 Jul 10 j 22:28	18°♉17'40	
	-10389 Jul 18 j 23:30	0°♊	
evening max el	-10389 Jul 31 j 19:58	16°♊12'28	21°55'42
retrograde	-10389 Aug 09 j 22:41	21°♊36'20	
evening set	-10389 Aug 14 j 08:30	19°♊50'18	
inferior conj	-10389 Aug 19 j 14:56	13°♊38'26	-0°27'48
minimum elong	-10389 Aug 19 j 15:31	13°♊36'24	0°27'01
min. Earth dist.	-10389 Aug 19 j 20:06	13°♊20'34	0.67154 AU
asc. node	-10389 Aug 21 j 01:35	11°♊39'58	
morning rise	-10389 Aug 24 j 22:24	7°♊19'26	
direct	-10389 Aug 29 j 16:19	5°♊22'03	
morning max el	-10389 Sep 08 j 17:11	11°♊24'18	22°57'38
	-10389 Sep 23 j 09:20	0°♋	
desc. node	-10389 Oct 06 j 21:01	20°♋13'22	
morning set	-10389 Oct 12 j 17:52	29°♋39'36	
	-10389 Oct 12 j 22:49	0°♌	
max. Earth dist.	-10389 Oct 17 j 19:21	8°♌08'53	1.40253 AU
superior conj	-10389 Oct 25 j 10:39	21°♌38'12	-1°34'16
minimum elong	-10389 Oct 25 j 07:59	21°♌26'05	1°33'43
	-10389 Oct 29 j 23:05	0°♍	
evening rise	-10389 Nov 04 j 01:45	9°♍41'14	
	-10389 Nov 15 j 15:00	0°♎	
asc. node	-10389 Nov 17 j 00:17	1°♎55'50	
evening max el	-10389 Nov 20 j 06:49	5°♎43'08	18°24'52
retrograde	-10389 Nov 27 j 19:15	9°♎26'13	
evening set	-10389 Nov 30 j 07:18	9°♎02'44	
inferior conj	-10389 Dec 07 j 17:21	4°♎24'14	4°15'05
minimum elong	-10389 Dec 07 j 16:19	4°♎26'20	4°15'04
min. Earth dist.	-10389 Dec 10 j 23:09	1°♎46'21	0.59415 AU
	-10389 Dec 13 j 09:54	30°℞♍	
morning rise	-10389 Dec 14 j 23:36	29°♍02'59	
direct	-10389 Dec 21 j 11:30	27°♍13'41	
	-10389 Dec 29 j 19:35	0°♎	
desc. node	-10388 Jan 02 j 22:16	3°♎07'06	
morning max el	-10388 Jan 04 j 13:11	4°♎36'30	26°40'32
	-10388 Jan 23 j 05:37	0°♏	
morning set	-10388 Feb 03 j 09:26	21°♏18'06	
	-10388 Feb 07 j 11:24	0°♐	
superior conj	-10388 Feb 10 j 09:45	6°♐23'17	-0°24'21
minimum elong	-10388 Feb 10 j 10:46	6°♐28'47	0°24'40
max. Earth dist.	-10388 Feb 10 j 09:34	6°♐22'14	1.32776 AU
asc. node	-10388 Feb 12 j 22:10	11°♐52'37	
evening rise	-10388 Feb 17 j 11:33	21°♐35'40	
	-10388 Feb 21 j 15:26	0°♑	
	-10388 Mar 11 j 06:34	0°♒	
evening max el	-10388 Mar 17 j 15:07	7°♒02'47	26°22'22
desc. node	-10388 Mar 30 j 22:25	14°♒22'31	
retrograde	-10388 Mar 31 j 18:20	14°♒24'15	
evening set	-10388 Apr 06 j 18:31	12°♒52'52	
min. Earth dist.	-10388 Apr 11 j 04:29	10°♒03'28	0.59278 AU
inferior conj	-10388 Apr 14 j 12:48	7°♒25'53	-3°06'48
minimum elong	-10388 Apr 14 j 09:38	7°♒32'09	3°06'49
morning rise	-10388 Apr 22 j 03:33	2°♒51'27	
direct	-10388 Apr 24 j 13:39	2°♒30'25	
morning max el	-10388 May 02 j 04:33	6°♒10'36	18°24'57
asc. node	-10388 May 10 j 21:48	18°♒10'38	
	-10388 May 17 j 09:20	0°♓	
morning set	-10388 May 18 j 07:39	1°♓45'55	
superior conj	-10388 May 27 j 18:52	19°♓35'38	1°47'30
minimum elong	-10388 May 27 j 17:19	19°♓28'32	1°47'17
	-10388 Jun 02 j 14:11	0°♈	
max. Earth dist.	-10388 Jun 04 j 01:47	2°♈34'47	1.40199 AU
evening rise	-10388 Jun 08 j 19:24	10°♈35'52	
	-10388 Jun 21 j 01:42	0°♉	
desc. node	-10388 Jun 26 j 19:49	8°♉28'39	
evening max el	-10388 Jul 13 j 09:24	29°♉33'01	23°16'41
	-10388 Jul 13 j 20:15	0°♊	
retrograde	-10388 Jul 23 j 15:34	5°♊37'58	
evening set	-10388 Jul 28 j 15:47	3°♊30'48	
	-10388 Jul 31 j 20:35	30°℞♉	
inferior conj	-10388 Aug 02 j 21:14	27°♉15'50	-1°16'07
minimum elong	-10388 Aug 02 j 22:46	27°♉10'31	1°15'05
min. Earth dist.	-10388 Aug 02 j 15:54	27°♉34'11	0.67238 AU
asc. node	-10388 Aug 06 j 22:31	22°♉11'46	
morning rise	-10388 Aug 08 j 05:39	21°♉01'26	
direct	-10388 Aug 12 j 10:46	19°♉22'43	
morning max el	-10388 Aug 21 j 08:13	24°♉41'57	21°35'43
	-10388 Aug 25 j 22:50	0°♊	
	-10388 Sep 15 j 20:54	0°♋	
morning set	-10388 Sep 21 j 12:09	8°♋46'52	
desc. node	-10388 Sep 22 j 17:56	10°♋44'54	
max. Earth dist.	-10388 Sep 28 j 22:38	20°♋46'25	1.42113 AU
	-10388 Oct 04 j 10:43	0°♌	
superior conj	-10388 Oct 06 j 04:39	2°♌59'56	-1°15'18
minimum elong	-10388 Oct 06 j 00:10	2°♌40'34	1°14'20
evening rise	-10388 Oct 17 j 05:44	22°♌40'30	
	-10388 Oct 21 j 06:45	0°♍	
evening max el	-10388 Nov 02 j 16:38	18°♍46'46	18°08'30
asc. node	-10388 Nov 02 j 21:34	18°♍58'54	
retrograde	-10388 Nov 09 j 13:53	22°♍19'34	
evening set	-10388 Nov 12 j 03:14	21°♍50'37	
inferior conj	-10388 Nov 19 j 01:02	16°♍50'22	3°56'11
minimum elong	-10388 Nov 18 j 21:54	16°♍57'42	3°55'54
min. Earth dist.	-10388 Nov 22 j 00:15	14°♍04'29	0.61286 AU
morning rise	-10388 Nov 25 j 15:23	11°♍11'38	
direct	-10388 Dec 02 j 15:39	8°♍50'21	
morning max el	-10388 Dec 16 j 13:52	16°♍19'07	27°25'08
desc. node	-10388 Dec 19 j 18:59	19°♍39'25	
	-10388 Dec 27 j 23:02	0°♎	
	-10387 Jan 14 j 16:02	0°♏	
morning set	-10387 Jan 17 j 16:46	6°♏06'17	
max. Earth dist.	-10387 Jan 23 j 22:13	19°♏19'44	1.32874 AU
superior conj	-10387 Jan 24 j 21:19	21°♏25'19	-0°46'09
minimum elong	-10387 Jan 24 j 23:03	21°♏34'49	0°46'15

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10387 Jan 28 j 19:58	0°♐	
asc. node	-10387 Jan 29 j 19:22	2°♐05'54	
evening rise	-10387 Jan 31 j 21:54	6°♐34'00	
	-10387 Feb 13 j 09:39	0°♑	
evening max el	-10387 Feb 27 j 11:06	18°♑15'43	25°07'21
retrograde	-10387 Mar 13 j 11:16	25°♑20'59	
desc. node	-10387 Mar 17 j 19:31	24°♑37'07	
evening set	-10387 Mar 18 j 10:31	24°♑23'51	
min. Earth dist.	-10387 Mar 24 j 00:22	21°♑24'18	0.57431 AU
inferior conj	-10387 Mar 26 j 22:57	19°♑24'28	-2°11'14
minimum elong	-10387 Mar 26 j 19:00	19°♑31'14	2°10'49
morning rise	-10387 Apr 04 j 06:39	15°♑08'30	
direct	-10387 Apr 06 j 13:16	14°♑52'59	
morning max el	-10387 Apr 15 j 08:38	19°♑02'40	19°05'18
	-10387 Apr 23 j 14:42	0°♒	
asc. node	-10387 Apr 27 j 18:40	7°♒23'17	
morning set	-10387 May 02 j 02:26	15°♒43'12	
	-10387 May 09 j 08:38	0°♓	
superior conj	-10387 May 10 j 16:11	2°♓32'22	1°36'38
minimum elong	-10387 May 10 j 13:22	2°♓18'52	1°36'05
max. Earth dist.	-10387 May 17 j 02:26	14°♓33'34	1.38320 AU
evening rise	-10387 May 21 j 02:30	21°♓40'50	
	-10387 May 25 j 23:50	0°♈	
desc. node	-10387 Jun 13 j 17:14	28°♈19'27	
	-10387 Jun 14 j 23:07	0°♉	
evening max el	-10387 Jun 25 j 19:45	12°♉55'16	24°37'55
retrograde	-10387 Jul 07 j 04:52	19°♉37'27	
evening set	-10387 Jul 12 j 20:04	17°♉10'36	
min. Earth dist.	-10387 Jul 17 j 10:06	11°♉50'38	0.67009 AU
inferior conj	-10387 Jul 18 j 02:40	10°♉54'54	-2°00'10
minimum elong	-10387 Jul 18 j 04:54	10°♉47'24	1°59'06
morning rise	-10387 Jul 23 j 13:41	4°♉48'35	
asc. node	-10387 Jul 24 j 19:25	4°♉03'32	
direct	-10387 Jul 27 j 07:49	3°♉27'13	
morning max el	-10387 Aug 04 j 05:35	8°♉06'23	20°22'35
	-10387 Aug 20 j 09:02	0°♊	
morning set	-10387 Aug 31 j 15:05	17°♊13'53	
	-10387 Sep 08 j 18:05	0°♋	
desc. node	-10387 Sep 09 j 14:57	1°♋23'05	
max. Earth dist.	-10387 Sep 11 j 08:53	4°♋10'59	1.43571 AU
superior conj	-10387 Sep 16 j 19:51	13°♋02'56	-0°42'51
minimum elong	-10387 Sep 16 j 15:47	12°♋46'11	0°41'46
	-10387 Sep 26 j 21:38	0°♌	
evening rise	-10387 Sep 29 j 17:19	4°♌52'03	
	-10387 Oct 15 j 09:12	0°♍	
evening max el	-10387 Oct 17 j 05:36	2°♍04'22	18°11'19
asc. node	-10387 Oct 20 j 18:49	4°♍49'34	
retrograde	-10387 Oct 23 j 20:29	5°♍37'27	
evening set	-10387 Oct 26 j 12:44	5°♍01'13	
inferior conj	-10387 Nov 01 j 23:39	29°♌40'59	3°20'46
minimum elong	-10387 Nov 01 j 19:55	29°♌50'50	3°20'12
	-10387 Nov 01 j 16:26	30°℞♌	
min. Earth dist.	-10387 Nov 04 j 10:56	27°♌05'05	0.63006 AU
morning rise	-10387 Nov 08 j 02:16	23°♌47'23	
direct	-10387 Nov 15 j 03:33	21°♌07'11	
morning max el	-10387 Nov 28 j 20:15	28°♌40'08	27°34'57
	-10387 Nov 30 j 04:07	0°♍	
desc. node	-10387 Dec 06 j 15:40	7°♍30'17	
	-10387 Dec 21 j 16:45	0°♎	
morning set	-10386 Jan 01 j 18:18	20°♎33'57	
	-10386 Jan 06 j 08:00	0°♏	
max. Earth dist.	-10386 Jan 07 j 06:29	1°♏59'09	1.33327 AU
superior conj	-10386 Jan 09 j 07:00	6°♏18'50	-1°05'48
minimum elong	-10386 Jan 09 j 09:11	6°♏30'35	1°05'46

evening rise	-10386 Jan 16 j 09:13	21°♏31'48	
asc. node	-10386 Jan 16 j 16:38	22°♏10'37	
	-10386 Jan 20 j 12:58	0°♐	
evening max el	-10386 Feb 09 j 04:13	29°♐07'55	23°36'26
	-10386 Feb 10 j 02:58	0°♑	
retrograde	-10386 Feb 22 j 15:47	5°♑45'13	
evening set	-10386 Feb 26 j 12:28	5°♑12'25	
desc. node	-10386 Mar 04 j 16:34	2°♑26'25	
min. Earth dist.	-10386 Mar 05 j 16:41	1°♑51'07	0.56055 AU
inferior conj	-10386 Mar 07 j 13:30	0°♑43'37	-0°44'17
minimum elong	-10386 Mar 07 j 11:40	0°♑46'23	0°44'17
	-10386 Mar 08 j 18:40	30°℞♐	
morning rise	-10386 Mar 16 j 13:24	26°♐40'09	
direct	-10386 Mar 18 j 18:47	26°♐27'35	
	-10386 Mar 27 j 14:43	0°♑	
morning max el	-10386 Mar 29 j 03:44	1°♑20'54	20°05'28
asc. node	-10386 Apr 14 j 15:35	27°♑00'06	
morning set	-10386 Apr 16 j 05:11	0°♒08'35	
	-10386 Apr 16 j 03:29	0°♒	
superior conj	-10386 Apr 24 j 03:28	16°♒14'16	1°19'39
minimum elong	-10386 Apr 24 j 00:31	15°♒59'29	1°18'49
max. Earth dist.	-10386 Apr 29 j 06:24	26°♒16'23	1.36580 AU
	-10386 May 01 j 05:41	0°♓	
evening rise	-10386 May 03 j 09:20	3°♓58'48	
	-10386 May 18 j 22:42	0°♈	
desc. node	-10386 May 31 j 14:40	17°♈40'36	
evening max el	-10386 Jun 08 j 05:33	26°♈18'35	25°51'19
	-10386 Jun 12 j 09:42	0°♉	
retrograde	-10386 Jun 20 j 13:54	3°♉28'58	
evening set	-10386 Jun 26 j 19:15	0°♉47'14	
	-10386 Jun 27 j 15:28	30°℞♈	
min. Earth dist.	-10386 Jul 01 j 00:17	26°♈06'18	0.66426 AU
inferior conj	-10386 Jul 02 j 05:24	24°♈32'56	-2°38'30
minimum elong	-10386 Jul 02 j 07:57	24°♈24'45	2°37'39
morning rise	-10386 Jul 07 j 20:42	18°♈37'50	
direct	-10386 Jul 11 j 05:46	17°♈31'46	
asc. node	-10386 Jul 11 j 16:16	17°♈32'50	
morning max el	-10386 Jul 18 j 09:37	21°♈38'03	19°22'26
	-10386 Jul 25 j 01:21	0°♉	
morning set	-10386 Aug 10 j 22:40	25°♉56'43	
	-10386 Aug 13 j 12:32	0°♊	
max. Earth dist.	-10386 Aug 25 j 00:03	18°♊06'02	1.44426 AU
superior conj	-10386 Aug 27 j 08:41	21°♊50'56	0°00'52
minimum elong	-10386 Aug 27 j 08:52	21°♊51'39	0°01'24
behind sun begin	-10386 Aug 26 j 21:40	21°♊07'05	
behind sun end	-10386 Aug 27 j 20:04	22°♊36'15	
desc. node	-10386 Aug 27 j 12:05	22°♊04'31	
	-10386 Sep 01 j 10:55	0°♋	
evening rise	-10386 Sep 11 j 07:07	16°♋02'51	
	-10386 Sep 19 j 18:51	0°♌	
evening max el	-10386 Sep 30 j 18:49	15°♌30'06	18°32'22
retrograde	-10386 Oct 07 j 10:55	19°♌12'23	
asc. node	-10386 Oct 07 j 16:00	19°♌12'08	
evening set	-10386 Oct 10 j 08:12	18°♌26'25	
inferior conj	-10386 Oct 16 j 09:47	12°♌49'22	2°35'43
minimum elong	-10386 Oct 16 j 06:27	12°♌59'03	2°35'08
min. Earth dist.	-10386 Oct 18 j 07:52	10°♌35'26	0.64456 AU
morning rise	-10386 Oct 22 j 04:07	6°♌43'47	
direct	-10386 Oct 28 j 22:28	3°♌58'12	
morning max el	-10386 Nov 11 j 05:54	11°♌31'03	27°11'17
desc. node	-10386 Nov 23 j 12:23	26°♌17'01	
	-10386 Nov 26 j 03:10	0°♍	
	-10386 Dec 14 j 02:31	0°♎	
morning set	-10386 Dec 16 j 11:10	4°♎31'31	
max. Earth dist.	-10386 Dec 21 j 06:34	14°♎09'20	1.34176 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10386 Dec 24 j 12:55	20°♎57'25	-1°22'23
minimum elong	-10386 Dec 24 j 15:08	21°♎09'04	1°22'17
	-10386 Dec 28 j 19:13	0°♏	
evening rise	-10386 Dec 31 j 19:52	6°♏23'02	
asc. node	-10385 Jan 03 j 13:56	12°♏01'38	
	-10385 Jan 13 j 17:30	0°♐	
evening max el	-10385 Jan 21 j 23:48	10°♐03'46	22°03'15
retrograde	-10385 Feb 03 j 09:46	15°♐59'16	
evening set	-10385 Feb 06 j 10:31	15°♐38'53	
inferior conj	-10385 Feb 15 j 13:49	11°♐33'05	1°02'13
minimum elong	-10385 Feb 15 j 16:30	11°♐29'16	1°00'49
min. Earth dist.	-10385 Feb 15 j 07:33	11°♐42'01	0.55425 AU
desc. node	-10385 Feb 19 j 13:31	9°♐23'13	
morning rise	-10385 Feb 24 j 23:05	7°♐28'37	
direct	-10385 Feb 27 j 11:15	7°♐14'21	
morning max el	-10385 Mar 11 j 11:58	12°♐59'38	21°24'04
	-10385 Mar 23 j 20:28	0°♑	
morning set	-10385 Mar 31 j 13:16	14°♑54'27	
asc. node	-10385 Apr 01 j 12:35	16°♑55'01	
	-10385 Apr 07 j 18:59	0°♒	
superior conj	-10385 Apr 08 j 00:43	0°♒29'41	0°58'54
minimum elong	-10385 Apr 07 j 22:18	0°♒17'10	0°57'58
max. Earth dist.	-10385 Apr 11 j 18:53	8°♒09'35	1.35137 AU
evening rise	-10385 Apr 16 j 10:14	17°♒14'17	
	-10385 Apr 23 j 10:16	0°♓	
	-10385 May 13 j 05:06	0°♈	
desc. node	-10385 May 18 j 12:03	6°♈19'45	
evening max el	-10385 May 21 j 16:06	9°♈38'56	26°48'20
retrograde	-10385 Jun 03 j 18:11	17°♈05'57	
evening set	-10385 Jun 10 j 10:54	14°♈18'02	
min. Earth dist.	-10385 Jun 14 j 08:24	10°♈15'51	0.65459 AU
inferior conj	-10385 Jun 16 j 03:19	8°♈07'20	-3°09'20
minimum elong	-10385 Jun 16 j 05:42	8°♈00'12	3°08'52
morning rise	-10385 Jun 22 j 00:47	2°♈26'09	
direct	-10385 Jun 25 j 02:42	1°♈33'02	
asc. node	-10385 Jun 28 j 13:07	2°♈35'57	
morning max el	-10385 Jul 01 j 19:05	5°♈15'08	18°37'51
	-10385 Jul 18 j 16:01	0°♉	
morning set	-10385 Jul 22 j 02:59	5°♉37'48	
superior conj	-10385 Aug 06 j 08:28	0°♊04'04	0°46'55
minimum elong	-10385 Aug 06 j 13:52	0°♊25'26	0°46'46
	-10385 Aug 06 j 07:26	0°♊	
max. Earth dist.	-10385 Aug 07 j 16:44	2°♊11'47	1.44586 AU
desc. node	-10385 Aug 14 j 09:17	12°♊45'41	
evening rise	-10385 Aug 22 j 18:25	26°♊00'43	
	-10385 Aug 25 j 06:49	0°♋	
evening max el	-10385 Sep 14 j 05:34	28°♋58'58	19°10'35
	-10385 Sep 15 j 06:36	0°♌	
retrograde	-10385 Sep 21 j 05:48	2°♌58'50	
evening set	-10385 Sep 24 j 10:26	2°♌00'01	
asc. node	-10385 Sep 24 j 13:09	1°♌55'48	
	-10385 Sep 26 j 21:05	30°℞♋	
inferior conj	-10385 Sep 30 j 04:21	26°♋09'25	1°45'33
minimum elong	-10385 Sep 30 j 01:58	26°♋16'54	1°45'14
min. Earth dist.	-10385 Oct 01 j 13:50	24°♋24'23	0.65603 AU
morning rise	-10385 Oct 05 j 17:06	19°♋55'25	
direct	-10385 Oct 11 j 23:46	17°♋15'34	
morning max el	-10385 Oct 24 j 16:03	24°♋38'23	26°19'40
	-10385 Oct 29 j 14:02	0°♌	
desc. node	-10385 Nov 10 j 09:07	15°♌42'51	
	-10385 Nov 19 j 12:57	0°♍	
morning set	-10385 Nov 29 j 15:23	17°♍46'11	
max. Earth dist.	-10385 Dec 03 j 19:36	25°♍45'52	1.35461 AU
	-10385 Dec 05 j 22:55	0°♎	

superior conj	-10385 Dec 08 j 12:41	5°♎12'36	-1°34'41
minimum elong	-10385 Dec 08 j 14:22	5°♎21'13	1°34'34
evening rise	-10385 Dec 16 j 04:03	21°♎01'03	
	-10385 Dec 20 j 15:54	0°♏	
asc. node	-10385 Dec 21 j 11:14	1°♏32'09	
evening max el	-10384 Jan 04 j 02:55	21°♏23'19	20°39'12
retrograde	-10384 Jan 15 j 00:22	26°♏30'09	
evening set	-10384 Jan 17 j 15:43	26°♏13'22	
inferior conj	-10384 Jan 26 j 11:31	22°♏14'48	2°41'18
minimum elong	-10384 Jan 26 j 17:10	22°♏06'30	2°39'24
min. Earth dist.	-10384 Jan 27 j 21:37	21°♏24'47	0.55679 AU
morning rise	-10384 Feb 04 j 17:07	17°♏53'32	
desc. node	-10384 Feb 06 j 10:25	17°♏34'26	
direct	-10384 Feb 08 j 02:36	17°♏28'10	
morning max el	-10384 Feb 21 j 09:34	24°♏00'14	22°56'43
	-10384 Feb 26 j 18:12	0°♐	
morning set	-10384 Mar 15 j 00:29	29°♐52'58	
	-10384 Mar 15 j 01:49	0°♑	
asc. node	-10384 Mar 18 j 09:38	7°♑01'56	
superior conj	-10384 Mar 22 j 04:48	15°♑08'10	0°36'05
minimum elong	-10384 Mar 22 j 03:16	15°♑00'03	0°35'13
max. Earth dist.	-10384 Mar 24 j 17:33	20°♑28'14	1.34041 AU
	-10384 Mar 29 j 09:40	0°♒	
evening rise	-10384 Mar 30 j 00:05	1°♒11'23	
	-10384 Apr 15 j 09:33	0°♓	
evening max el	-10384 May 03 j 02:54	22°♓47'42	27°21'14
desc. node	-10384 May 04 j 09:22	23°♓59'36	
	-10384 May 14 j 02:18	0°♈	
retrograde	-10384 May 16 j 17:01	0°♈20'32	
	-10384 May 19 j 05:23	30°℞♓	
evening set	-10384 May 23 j 16:05	27°♓38'31	
min. Earth dist.	-10384 May 27 j 08:33	24°♓11'04	0.64099 AU
inferior conj	-10384 May 29 j 18:00	21°♓34'10	-3°30'06
minimum elong	-10384 May 29 j 19:34	21°♓29'53	3°30'05
morning rise	-10384 Jun 04 j 23:43	16°♓09'21	
direct	-10384 Jun 07 j 20:10	15°♓27'04	
asc. node	-10384 Jun 14 j 09:57	18°♓59'07	
morning max el	-10384 Jun 14 j 08:00	18°♓54'13	18°10'25
	-10384 Jun 22 j 12:24	0°♈	
morning set	-10384 Jul 02 j 08:59	16°♈30'48	
	-10384 Jul 10 j 09:20	0°♉	
superior conj	-10384 Jul 15 j 17:36	8°♉46'12	1°23'29
minimum elong	-10384 Jul 15 j 23:54	9°♉11'46	1°23'15
max. Earth dist.	-10384 Jul 20 j 08:14	16°♉11'35	1.44048 AU
	-10384 Jul 29 j 02:14	0°♊	
desc. node	-10384 Jul 31 j 06:32	3°♊23'43	
evening rise	-10384 Aug 01 j 04:53	4°♊50'33	
greatest brilliancy	-10384 Aug 14 j 03:22	24°♊37'58	-0.6m
	-10384 Aug 17 j 18:55	0°♋	
evening max el	-10384 Aug 27 j 11:28	12°♋27'28	20°04'32
retrograde	-10384 Sep 04 j 02:24	16°♋53'21	
evening set	-10384 Sep 07 j 16:47	15°♋38'19	
asc. node	-10384 Sep 10 j 10:14	13°♋06'16	
inferior conj	-10384 Sep 13 j 04:48	9°♋37'17	0°53'23
minimum elong	-10384 Sep 13 j 03:35	9°♋41'20	0°53'29
min. Earth dist.	-10384 Sep 14 j 02:41	8°♋24'48	0.66445 AU
morning rise	-10384 Sep 18 j 14:06	3°♋18'34	
direct	-10384 Sep 24 j 06:44	0°♋52'23	
morning max el	-10384 Oct 06 j 01:33	7°♋51'58	25°08'17
	-10384 Oct 23 j 11:35	0°♌	
desc. node	-10384 Oct 27 j 05:55	5°♌36'35	
morning set	-10384 Nov 11 j 02:07	0°♍04'11	
	-10384 Nov 11 j 01:10	0°♍	
max. Earth dist.	-10384 Nov 14 j 22:27	7°♍03'54	1.37158 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10384 Nov 21 j 03:19	18°♍55'44	-1°41'07
minimum elong	-10384 Nov 21 j 03:48	18°♍58'08	1°40'57
	-10384 Nov 26 j 16:15	0°♎	
evening rise	-10384 Nov 29 j 07:52	5°♎20'30	
asc. node	-10384 Dec 07 j 08:31	20°♎34'52	
	-10384 Dec 13 j 16:04	0°♏	
evening max el	-10384 Dec 16 j 16:05	3°♏16'20	19°31'24
retrograde	-10384 Dec 25 j 23:42	7°♏40'23	
evening set	-10384 Dec 28 j 12:27	7°♏22'24	
inferior conj	-10383 Jan 05 j 19:35	3°♏14'39	3°47'49
minimum elong	-10383 Jan 05 j 23:59	3°♏07'28	3°46'52
min. Earth dist.	-10383 Jan 08 j 11:13	1°♏31'22	0.56743 AU
	-10383 Jan 11 j 00:52	30°℞♎	
morning rise	-10383 Jan 14 j 09:21	28°♎29'02	
direct	-10383 Jan 19 j 02:42	27°♎38'26	
desc. node	-10383 Jan 23 j 07:15	28°♎18'58	
	-10383 Jan 27 j 00:15	0°♏	
morning max el	-10383 Feb 02 j 00:42	4°♏40'09	24°33'48
	-10383 Feb 19 j 23:16	0°♐	
morning set	-10383 Feb 27 j 12:56	14°♐57'24	
asc. node	-10383 Mar 05 j 06:42	27°♐16'03	
superior conj	-10383 Mar 06 j 13:18	0°♉01'38	0°12'25
minimum elong	-10383 Mar 06 j 12:47	29°♐58'53	0°11'44
behind sun begin	-10383 Mar 06 j 09:22	29°♐40'20	
behind sun end	-10383 Mar 06 j 16:13	0°♉17'25	
	-10383 Mar 06 j 13:00	0°♉	
max. Earth dist.	-10383 Mar 08 j 00:44	3°♉12'31	1.33292 AU
evening rise	-10383 Mar 13 j 23:02	15°♉37'17	
	-10383 Mar 21 j 10:51	0°♒	
	-10383 Apr 10 j 08:36	0°♓	
evening max el	-10383 Apr 15 j 11:49	5°♓32'17	27°23'59
desc. node	-10383 Apr 21 j 06:39	10°♓15'21	
retrograde	-10383 Apr 29 j 09:20	13°♓03'43	
evening set	-10383 May 06 j 07:22	10°♓40'55	
min. Earth dist.	-10383 May 09 j 23:30	7°♓39'19	0.62385 AU
inferior conj	-10383 May 12 j 22:24	4°♓46'45	-3°37'08
minimum elong	-10383 May 12 j 22:26	4°♓46'41	3°37'25
	-10383 May 18 j 21:41	30°℞♒	
morning rise	-10383 May 19 j 14:48	29°♒40'33	
direct	-10383 May 22 j 07:01	29°♒07'25	
	-10383 May 25 j 14:58	0°♓	
morning max el	-10383 May 28 j 21:58	2°♓29'48	18°01'10
asc. node	-10383 Jun 01 j 06:46	6°♓26'01	
morning set	-10383 Jun 14 j 13:55	28°♓29'21	
	-10383 Jun 15 j 10:16	0°♈	
superior conj	-10383 Jun 26 j 03:19	18°♈40'43	1°44'12
minimum elong	-10383 Jun 26 j 06:34	18°♈54'29	1°44'11
	-10383 Jul 02 j 22:47	0°♉	
max. Earth dist.	-10383 Jul 02 j 20:06	29°♈49'06	1.42887 AU
evening rise	-10383 Jul 11 j 05:29	13°♉13'10	
desc. node	-10383 Jul 18 j 03:50	23°♉54'38	
	-10383 Jul 22 j 04:50	0°♊	
evening max el	-10383 Aug 10 j 10:48	25°♊52'19	21°12'01
	-10383 Aug 15 j 15:55	0°♋	
retrograde	-10383 Aug 18 j 22:45	0°♋52'40	
	-10383 Aug 22 j 00:28	30°℞♊	
evening set	-10383 Aug 23 j 01:02	29°♊18'23	
inferior conj	-10383 Aug 28 j 08:57	23°♊09'43	0°01'23
minimum elong	-10383 Aug 28 j 08:55	23°♊09'52	0°01'55
transit middle	-10383 Aug 28 j 08:55	23°♊09'52	0°01'55
transit begin	-10383 Aug 28 j 06:13	23°♊19'06	
transit end	-10383 Aug 28 j 11:36	23°♊00'39	
asc. node	-10383 Aug 28 j 07:15	23°♊15'32	
min. Earth dist.	-10383 Aug 28 j 20:04	22°♊31'43	0.66987 AU
morning rise	-10383 Sep 02 j 16:39	16°♊50'01	
direct	-10383 Sep 07 j 18:41	14°♊41'44	
morning max el	-10383 Sep 18 j 11:20	21°♊06'31	23°46'11
	-10383 Sep 26 j 02:34	0°♋	
desc. node	-10383 Oct 14 j 02:44	25°♋49'26	
	-10383 Oct 16 j 18:19	0°♌	
morning set	-10383 Oct 23 j 13:49	11°♌11'00	
max. Earth dist.	-10383 Oct 27 j 20:44	18°♌34'48	1.39114 AU
	-10383 Nov 03 j 04:10	0°♍	
superior conj	-10383 Nov 04 j 04:49	1°♍55'08	-1°39'40
minimum elong	-10383 Nov 04 j 03:25	1°♍48'36	1°39'18
evening rise	-10383 Nov 13 j 04:56	19°♍15'08	
	-10383 Nov 18 j 20:45	0°♎	
asc. node	-10383 Nov 24 j 05:48	9°♎00'45	
evening max el	-10383 Nov 29 j 14:58	15°♎41'55	18°43'16
retrograde	-10383 Dec 07 j 16:18	19°♎36'19	
evening set	-10383 Dec 10 j 04:21	19°♎15'09	
inferior conj	-10383 Dec 17 j 21:50	14°♎48'33	4°14'52
minimum elong	-10383 Dec 17 j 22:42	14°♎46'56	4°14'45
min. Earth dist.	-10383 Dec 21 j 02:33	12°♎25'20	0.58357 AU
morning rise	-10383 Dec 25 j 15:08	9°♎39'18	
direct	-10383 Dec 31 j 14:17	8°♎12'20	
desc. node	-10382 Jan 10 j 04:03	11°♎43'21	
morning max el	-10382 Jan 14 j 16:24	15°♎29'06	26°00'57
	-10382 Jan 26 j 10:22	0°♏	
morning set	-10382 Feb 12 j 00:54	0°♐01'39	
	-10382 Feb 12 j 00:35	0°♐	
superior conj	-10382 Feb 19 j 00:21	15°♐03'44	-0°11'10
minimum elong	-10382 Feb 19 j 00:50	15°♐06'24	0°11'37
behind sun begin	-10382 Feb 18 j 21:26	14°♐47'49	
behind sun end	-10382 Feb 19 j 04:15	15°♐25'00	
max. Earth dist.	-10382 Feb 19 j 13:02	16°♐12'54	1.32870 AU
asc. node	-10382 Feb 20 j 03:48	17°♐33'21	
	-10382 Feb 25 j 23:50	0°♉	
evening rise	-10382 Feb 26 j 04:10	0°♉22'21	
	-10382 Mar 14 j 14:48	0°♒	
evening max el	-10382 Mar 28 j 16:17	17°♒42'03	26°53'53
desc. node	-10382 Apr 08 j 03:53	24°♒35'23	
retrograde	-10382 Apr 11 j 18:01	25°♒08'22	
evening set	-10382 Apr 18 j 05:25	23°♒16'09	
min. Earth dist.	-10382 Apr 22 j 05:23	20°♒26'59	0.60431 AU
inferior conj	-10382 Apr 25 j 13:04	17°♒37'27	-3°25'04
minimum elong	-10382 Apr 25 j 11:02	17°♒41'49	3°25'18
morning rise	-10382 May 02 j 18:54	12°♒51'33	
direct	-10382 May 05 j 07:22	12°♒26'22	
morning max el	-10382 May 12 j 10:25	15°♒55'47	18°10'48
asc. node	-10382 May 19 j 03:37	24°♒42'53	
	-10382 May 22 j 07:16	0°♓	
morning set	-10382 May 28 j 13:03	11°♓22'37	
superior conj	-10382 Jun 07 j 16:00	29°♓56'23	1°49'45
minimum elong	-10382 Jun 07 j 15:50	29°♓55'41	1°49'42
	-10382 Jun 07 j 16:49	0°♈	
max. Earth dist.	-10382 Jun 15 j 02:20	12°♈49'27	1.41259 AU
evening rise	-10382 Jun 20 j 18:45	22°♈12'44	
	-10382 Jun 25 j 16:09	0°♉	
desc. node	-10382 Jul 05 j 01:10	14°♉14'32	
	-10382 Jul 16 j 07:35	0°♊	
evening max el	-10382 Jul 24 j 03:21	9°♊13'43	22°29'29
retrograde	-10382 Aug 02 j 17:19	14°♊54'46	
evening set	-10382 Aug 07 j 09:15	12°♊59'27	
inferior conj	-10382 Aug 12 j 15:00	6°♊45'53	-0°48'43
minimum elong	-10382 Aug 12 j 16:01	6°♊42'22	0°47'49
min. Earth dist.	-10382 Aug 12 j 15:40	6°♊43'34	0.67236 AU
asc. node	-10382 Aug 15 j 04:14	3°♊21'46	
morning rise	-10382 Aug 17 j 22:43	0°♊28'37	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10382 Aug 18 j 13:46	30°℞♉	
direct	-10382 Aug 22 j 10:57	28°♉39'30	
	-10382 Aug 26 j 17:06	0°♊	
morning max el	-10382 Aug 31 j 23:52	4°♊23'01	22°22'02
	-10382 Sep 20 j 08:45	0°♋	
desc. node	-10382 Sep 30 j 23:35	16°♋15'32	
morning set	-10382 Oct 03 j 22:46	20°♋59'44	
	-10382 Oct 09 j 10:16	0°♌	
max. Earth dist.	-10382 Oct 09 j 21:13	0°♌45'58	1.41083 AU
superior conj	-10382 Oct 17 j 12:00	13°♌56'45	-1°27'48
minimum elong	-10382 Oct 17 j 08:26	13°♌40'52	1°27'04
	-10382 Oct 26 j 06:31	0°♍	
evening rise	-10382 Oct 27 j 16:16	2°♍37'31	
asc. node	-10382 Nov 11 j 03:05	26°♍38'07	
evening max el	-10382 Nov 12 j 21:32	28°♍33'39	18°15'26
	-10382 Nov 14 j 12:39	0°♎	
retrograde	-10382 Nov 20 j 02:31	2°♎11'24	
evening set	-10382 Nov 22 j 14:50	1°♎45'50	
	-10382 Nov 26 j 00:09	30°℞♍	
inferior conj	-10382 Nov 29 j 19:29	26°♍57'42	4°09'40
minimum elong	-10382 Nov 29 j 17:22	27°♍02'19	4°09'34
min. Earth dist.	-10382 Dec 02 j 23:21	24°♍13'57	0.60212 AU
morning rise	-10382 Dec 06 j 18:23	21°♍28'23	
direct	-10382 Dec 13 j 12:50	19°♍24'26	
morning max el	-10382 Dec 27 j 13:40	26°♍50'09	27°03'48
desc. node	-10382 Dec 28 j 00:47	27°♍17'12	
	-10382 Dec 30 j 15:04	0°♎	
	-10381 Jan 19 j 19:21	0°♏	
morning set	-10381 Jan 27 j 10:31	14°♏57'54	
max. Earth dist.	-10381 Feb 03 j 02:37	29°♏15'13	1.32771 AU
	-10381 Feb 03 j 10:49	0°♐	
superior conj	-10381 Feb 03 j 12:10	0°♐07'23	-0°33'49
minimum elong	-10381 Feb 03 j 13:31	0°♐14'46	0°34'02
asc. node	-10381 Feb 07 j 00:57	7°♐49'08	
evening rise	-10381 Feb 10 j 13:07	15°♐17'29	
	-10381 Feb 18 j 00:12	0°♑	
evening max el	-10381 Mar 10 j 14:56	29°♑12'42	25°53'09
	-10381 Mar 11 j 11:11	0°♒	
retrograde	-10381 Mar 24 j 17:37	6°♒29'05	
desc. node	-10381 Mar 26 j 01:04	6°♒24'52	
evening set	-10381 Mar 30 j 08:06	5°♒12'39	
min. Earth dist.	-10381 Apr 04 j 04:03	2°♒20'39	0.58453 AU
inferior conj	-10381 Apr 07 j 10:21	29°♑56'26	-2°47'10
minimum elong	-10381 Apr 07 j 06:35	0°♒03'26	2°46'57
	-10381 Apr 07 j 08:26	30°℞♑	
morning rise	-10381 Apr 15 j 08:12	25°♑30'41	
direct	-10381 Apr 17 j 16:45	25°♑12'16	
morning max el	-10381 Apr 25 j 18:27	29°♑02'52	18°39'48
	-10381 Apr 26 j 17:19	0°♒	
asc. node	-10381 May 06 j 00:28	13°♒37'24	
morning set	-10381 May 12 j 01:43	24°♒58'35	
	-10381 May 14 j 16:00	0°♓	
superior conj	-10381 May 21 j 02:59	12°♓20'19	1°43'49
minimum elong	-10381 May 21 j 00:45	12°♓09'48	1°43'29
max. Earth dist.	-10381 May 28 j 03:18	25°♓05'24	1.39391 AU
	-10381 May 30 j 23:03	0°♈	
evening rise	-10381 Jun 01 j 10:00	2°♈29'05	
	-10381 Jun 18 j 22:22	0°♉	
desc. node	-10381 Jun 21 j 22:33	4°♉17'51	
evening max el	-10381 Jul 06 j 14:57	22°♉34'06	23°51'34
retrograde	-10381 Jul 17 j 08:59	28°♉56'23	
evening set	-10381 Jul 22 j 15:34	26°♉40'18	
inferior conj	-10381 Jul 27 j 21:12	20°♉24'28	-1°35'24
minimum elong	-10381 Jul 27 j 23:04	20°♉18'04	1°34'20
min. Earth dist.	-10381 Jul 27 j 11:08	20°♉58'53	0.67178 AU
morning rise	-10381 Aug 02 j 06:32	14°♉13'06	
asc. node	-10381 Aug 02 j 01:11	14°♉23'36	
direct	-10381 Aug 06 j 06:38	12°♉42'13	
morning max el	-10381 Aug 14 j 17:38	17°♉44'10	21°03'15
	-10381 Aug 24 j 11:59	0°♊	
morning set	-10381 Sep 13 j 08:39	29°♊44'59	
	-10381 Sep 13 j 12:30	0°♋	
desc. node	-10381 Sep 17 j 20:32	6°♋50'35	
max. Earth dist.	-10381 Sep 22 j 03:25	13°♋44'43	1.42792 AU
superior conj	-10381 Sep 28 j 19:10	24°♋46'26	-1°03'10
minimum elong	-10381 Sep 28 j 14:26	24°♋26'28	1°02'06
	-10381 Oct 01 j 20:46	0°♌	
evening rise	-10381 Oct 10 j 14:01	15°♌18'41	
	-10381 Oct 18 j 23:21	0°♍	
evening max el	-10381 Oct 27 j 09:05	11°♍44'27	18°07'23
asc. node	-10381 Oct 29 j 00:22	13°♍12'47	
retrograde	-10381 Nov 03 j 02:49	15°♍16'26	
evening set	-10381 Nov 05 j 17:02	14°♍44'49	
inferior conj	-10381 Nov 12 j 10:03	9°♍35'57	3°42'43
minimum elong	-10381 Nov 12 j 06:31	9°♍44'42	3°42'18
min. Earth dist.	-10381 Nov 15 j 04:40	6°♍52'06	0.62042 AU
morning rise	-10381 Nov 18 j 18:54	3°♍50'16	
direct	-10381 Nov 25 j 20:44	1°♍18'58	
morning max el	-10381 Dec 09 j 17:14	8°♍50'49	27°33'34
desc. node	-10381 Dec 14 j 21:30	14°♍26'35	
	-10381 Dec 26 j 04:31	0°♎	
morning set	-10380 Jan 11 j 15:43	29°♎38'37	
	-10380 Jan 11 j 19:54	0°♏	
max. Earth dist.	-10380 Jan 17 j 13:45	12°♏05'56	1.33016 AU
superior conj	-10380 Jan 18 j 23:10	15°♏06'40	-0°54'48
minimum elong	-10380 Jan 19 j 01:08	15°♏17'22	0°54'51
asc. node	-10380 Jan 24 j 22:11	27°♏59'12	
	-10380 Jan 25 j 21:02	0°♐	
evening rise	-10380 Jan 26 j 00:06	0°♐16'05	
	-10380 Feb 11 j 17:08	0°♑	
evening max el	-10380 Feb 20 j 09:04	10°♑13'39	24°29'49
retrograde	-10380 Mar 05 j 05:48	17°♑09'25	
evening set	-10380 Mar 09 j 17:09	16°♑24'14	
desc. node	-10380 Mar 11 j 22:11	15°♑31'04	
min. Earth dist.	-10380 Mar 15 j 22:22	13°♑16'34	0.56765 AU
inferior conj	-10380 Mar 18 j 11:55	11°♑37'36	-1°37'54
minimum elong	-10380 Mar 18 j 08:27	11°♑43'12	1°37'30
morning rise	-10380 Mar 27 j 02:54	7°♑28'03	
direct	-10380 Mar 29 j 08:11	7°♑14'21	
morning max el	-10380 Apr 07 j 19:04	11°♑41'25	19°28'32
	-10380 Apr 20 j 07:16	0°♒	
asc. node	-10380 Apr 21 j 21:21	3°♒00'39	
morning set	-10380 Apr 25 j 00:11	9°♒07'53	
superior conj	-10380 May 03 j 06:45	25°♒37'09	1°30'01
minimum elong	-10380 May 03 j 03:46	25°♒22'34	1°29'20
	-10380 May 05 j 12:56	0°♓	
max. Earth dist.	-10380 May 09 j 04:00	6°♓51'09	1.37547 AU
evening rise	-10380 May 13 j 03:48	14°♓06'22	
	-10380 May 22 j 13:03	0°♈	
desc. node	-10380 Jun 07 j 20:00	23°♈57'03	
	-10380 Jun 12 j 15:20	0°♉	
evening max el	-10380 Jun 18 j 00:43	5°♉56'22	25°10'44
retrograde	-10380 Jun 29 j 20:41	12°♉52'35	
evening set	-10380 Jul 05 j 17:58	10°♉18'47	
min. Earth dist.	-10380 Jul 10 j 04:02	5°♉14'58	0.66797 AU
inferior conj	-10380 Jul 11 j 01:44	4°♉03'13	-2°17'16
minimum elong	-10380 Jul 11 j 04:09	3°♉55'13	2°16'16
	-10380 Jul 14 j 08:49	30°℞♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10380 Jul 16	j 14:20	28°♈01'03	
asc. node	-10380 Jul 18	j 22:04	26°♈55'35	
direct	-10380 Jul 20	j 04:18	26°♈46'30	
	-10380 Jul 26	j 12:41	0°♉	
morning max el	-10380 Jul 27	j 17:49	1°♉11'09	19°55'12
	-10380 Aug 17	j 04:14	0°♊	
morning set	-10380 Aug 22	j 10:57	8°♊11'17	
max. Earth dist.	-10380 Sep 03	j 15:34	27°♊22'24	1.44013 AU
desc. node	-10380 Sep 03	j 17:34	27°♊30'23	
	-10380 Sep 05	j 07:00	0°♋	
superior conj	-10380 Sep 07	j 22:34	4°♋15'45	-0°25'21
minimum elong	-10380 Sep 07	j 19:50	4°♋04'45	0°24'25
evening rise	-10380 Sep 21	j 17:02	27°♋05'53	
	-10380 Sep 23	j 10:05	0°♌	
evening max el	-10380 Oct 09	j 22:35	25°♌06'34	18°18'07
asc. node	-10380 Oct 14	j 21:37	28°♌27'56	
retrograde	-10380 Oct 16	j 13:04	28°♌42'14	
evening set	-10380 Oct 19	j 07:12	28°♌02'15	
inferior conj	-10380 Oct 25	j 13:59	22°♌34'47	3°02'29
minimum elong	-10380 Oct 25	j 10:20	22°♌44'51	3°01'54
min. Earth dist.	-10380 Oct 27	j 19:47	20°♌06'53	0.63667 AU
morning rise	-10380 Oct 31	j 12:44	16°♌35'49	
direct	-10380 Nov 07	j 12:02	13°♌51'23	
morning max el	-10380 Nov 21	j 01:07	21°♌25'12	27°28'32
	-10380 Nov 28	j 15:41	0°♍	
desc. node	-10380 Nov 30	j 18:11	2°♍43'25	
	-10380 Dec 18	j 05:15	0°♎	
morning set	-10380 Dec 25	j 13:56	13°♎54'22	
max. Earth dist.	-10380 Dec 30	j 18:41	24°♎32'22	1.33638 AU
superior conj	-10379 Jan 02	j 07:31	29°♎54'35	-1°13'17
minimum elong	-10379 Jan 02	j 09:46	0°♏06'37	1°13'13
	-10379 Jan 02	j 08:32	0°♏	
evening rise	-10379 Jan 09	j 11:19	15°♏11'28	
asc. node	-10379 Jan 10	j 19:28	17°♏58'30	
	-10379 Jan 16	j 23:44	0°♐	
evening max el	-10379 Feb 01	j 02:42	21°♐04'43	22°56'20
retrograde	-10379 Feb 14	j 05:03	27°♐25'06	
evening set	-10379 Feb 17	j 15:54	26°♐59'07	
min. Earth dist.	-10379 Feb 25	j 14:10	23°♐24'37	0.55683 AU
inferior conj	-10379 Feb 26	j 19:21	22°♐42'04	-0°00'07
minimum elong	-10379 Feb 26	j 19:20	22°♐42'07	0°00'41
transit middle	-10379 Feb 26	j 19:20	22°♐42'07	0°00'41
transit begin	-10379 Feb 26	j 15:16	22°♐48'03	
transit end	-10379 Feb 26	j 23:23	22°♐36'12	
desc. node	-10379 Feb 26	j 19:11	22°♐42'19	
morning rise	-10379 Mar 08	j 00:26	18°♐39'42	
direct	-10379 Mar 10	j 07:21	18°♐27'07	
morning max el	-10379 Mar 21	j 09:35	23°♐42'42	20°36'47
	-10379 Mar 26	j 19:40	0°♑	
asc. node	-10379 Apr 08	j 18:18	22°♑45'47	
morning set	-10379 Apr 09	j 05:30	23°♑42'43	
	-10379 Apr 12	j 06:55	0°♒	
superior conj	-10379 Apr 16	j 22:41	9°♒34'10	1°11'12
minimum elong	-10379 Apr 16	j 19:53	9°♒20'00	1°10'18
max. Earth dist.	-10379 Apr 21	j 11:15	18°♒35'54	1.35925 AU
evening rise	-10379 Apr 25	j 19:01	26°♒50'55	
	-10379 Apr 27	j 12:04	0°♓	
	-10379 May 15	j 21:37	0°♈	
desc. node	-10379 May 25	j 17:25	13°♈02'11	
evening max el	-10379 May 31	j 11:02	19°♈20'05	26°18'14
retrograde	-10379 Jun 13	j 03:41	26°♈38'29	
evening set	-10379 Jun 19	j 14:14	23°♈53'12	
min. Earth dist.	-10379 Jun 23	j 15:58	19°♈28'45	0.66059 AU
inferior conj	-10379 Jun 25	j 02:42	17°♈40'16	-2°52'40
minimum elong	-10379 Jun 25	j 05:14	17°♈32'18	2°51'57
morning rise	-10379 Jun 30	j 20:21	11°♈50'31	
direct	-10379 Jul 04	j 02:13	10°♈50'03	
asc. node	-10379 Jul 05	j 18:54	11°♈05'56	
morning max el	-10379 Jul 11	j 00:15	14°♈44'54	19°01'28
	-10379 Jul 22	j 04:20	0°♉	
morning set	-10379 Aug 02	j 02:05	17°♉15'33	
	-10379 Aug 10	j 02:43	0°♊	
max. Earth dist.	-10379 Aug 17	j 07:57	11°♊24'56	1.44586 AU
superior conj	-10379 Aug 18	j 03:25	12°♊41'56	0°20'48
minimum elong	-10379 Aug 18	j 06:03	12°♊52'20	0°21'02
desc. node	-10379 Aug 21	j 14:43	18°♊12'01	
	-10379 Aug 29	j 00:10	0°♋	
evening rise	-10379 Sep 02	j 19:56	7°♋46'32	
	-10379 Sep 16	j 19:42	0°♌	
evening max el	-10379 Sep 23	j 11:10	8°♌34'30	18°46'34
retrograde	-10379 Sep 30	j 05:41	12°♌22'46	
asc. node	-10379 Oct 01	j 18:47	12°♌09'14	
evening set	-10379 Oct 03	j 05:55	11°♌31'35	
inferior conj	-10379 Oct 09	j 04:02	5°♌48'24	2°14'49
minimum elong	-10379 Oct 09	j 01:04	5°♌57'20	2°14'20
min. Earth dist.	-10379 Oct 10	j 20:36	3°♌46'22	0.64993 AU
	-10379 Oct 14	j 10:04	30°℞♋	
morning rise	-10379 Oct 14	j 19:45	29°♋39'04	
direct	-10379 Oct 21	j 09:40	26°♋54'49	
	-10379 Oct 29	j 07:56	0°♌	
morning max el	-10379 Nov 03	j 11:04	4°♌23'48	26°52'11
desc. node	-10379 Nov 17	j 14:53	21°♌48'14	
	-10379 Nov 23	j 03:09	0°♍	
morning set	-10379 Dec 09	j 01:55	27°♍34'48	
	-10379 Dec 10	j 08:00	0°♎	
max. Earth dist.	-10379 Dec 13	j 14:18	6°♎27'49	1.34679 AU
superior conj	-10379 Dec 17	j 11:09	14°♎24'07	-1°28'12
minimum elong	-10379 Dec 17	j 13:12	14°♎34'51	1°28'07
evening rise	-10379 Dec 24	j 21:09	29°♎57'47	
	-10379 Dec 24	j 21:35	0°♏	
asc. node	-10379 Dec 28	j 16:46	7°♏41'27	
	-10378 Jan 11	j 22:28	0°♐	
evening max el	-10378 Jan 14	j 01:01	2°♐08'27	21°25'42
retrograde	-10378 Jan 25	j 19:48	7°♐42'48	
evening set	-10378 Jan 28	j 15:41	7°♐24'37	
inferior conj	-10378 Feb 06	j 16:47	3°♐24'13	1°47'02
minimum elong	-10378 Feb 06	j 21:10	3°♐17'58	1°45'12
min. Earth dist.	-10378 Feb 07	j 04:18	3°♐07'50	0.55430 AU
	-10378 Feb 13	j 11:37	30°℞♏	
desc. node	-10378 Feb 13	j 16:07	29°♏55'54	
morning rise	-10378 Feb 16	j 02:17	29°♏14'37	
direct	-10378 Feb 18	j 22:01	28°♏56'58	
	-10378 Feb 24	j 03:06	0°♐	
morning max el	-10378 Mar 03	j 12:52	5°♐03'08	22°02'17
	-10378 Mar 20	j 08:54	0°♑	
morning set	-10378 Mar 24	j 15:09	8°♑34'47	
asc. node	-10378 Mar 26	j 15:18	12°♑46'15	
superior conj	-10378 Mar 31	j 23:07	24°♑00'05	0°49'23
minimum elong	-10378 Mar 31	j 21:03	23°♑49'15	0°48'27
	-10378 Apr 03	j 20:32	0°♒	
max. Earth dist.	-10378 Apr 04	j 04:26	0°♒40'26	1.34627 AU
evening rise	-10378 Apr 09	j 01:57	10°♒25'27	
	-10378 Apr 19	j 22:45	0°♓	
	-10378 May 11	j 09:10	0°♈	
desc. node	-10378 May 12	j 14:48	1°♈18'27	
evening max el	-10378 May 13	j 21:57	2°♈36'49	27°05'44
retrograde	-10378 May 27	j 05:25	10°♈06'36	
evening set	-10378 Jun 03	j 01:45	7°♈19'36	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10378 Jun 06 j 20:44	3°♈33'08	0.64931 AU
inferior conj	-10378 Jun 08 j 21:49	1°♈11'34	-3°19'34
minimum elong	-10378 Jun 08 j 23:56	1°♈05'26	3°19'18
	-10378 Jun 09 j 22:52	30°℞♓	
morning rise	-10378 Jun 14 j 22:30	25°♓37'07	
direct	-10378 Jun 17 j 22:02	24°♓48'42	
asc. node	-10378 Jun 22 j 15:44	26°♓44'40	
morning max el	-10378 Jun 24 j 11:25	28°♓22'51	18°24'04
	-10378 Jun 25 j 23:04	0°♈	
morning set	-10378 Jul 13 j 17:16	27°♈26'52	
	-10378 Jul 15 j 06:18	0°♉	
superior conj	-10378 Jul 28 j 04:19	20°♉58'35	1°04'11
minimum elong	-10378 Jul 28 j 10:46	21°♉24'19	1°03'55
max. Earth dist.	-10378 Jul 31 j 01:00	25°♉31'51	1.44443 AU
	-10378 Aug 02 j 20:46	0°♊	
desc. node	-10378 Aug 08 j 11:57	8°♊52'00	
evening rise	-10378 Aug 13 j 19:45	17°♊12'54	
	-10378 Aug 22 j 00:33	0°♋	
greatest brilliancy	-10378 Aug 24 j 09:47	3°♋40'24	-0.7m
evening max el	-10378 Sep 06 j 20:04	22°♋03'16	19°31'41
retrograde	-10378 Sep 14 j 01:39	26°♋13'07	
evening set	-10378 Sep 17 j 10:13	25°♋07'38	
asc. node	-10378 Sep 18 j 15:52	24°♋11'18	
inferior conj	-10378 Sep 23 j 01:22	19°♋11'59	1°23'32
minimum elong	-10378 Sep 22 j 23:28	19°♋18'06	1°23'23
min. Earth dist.	-10378 Sep 24 j 05:41	17°♋40'49	0.65997 AU
morning rise	-10378 Sep 28 j 12:26	12°♋55'36	
direct	-10378 Oct 04 j 13:12	10°♋21'11	
morning max el	-10378 Oct 16 j 21:09	17°♋35'23	25°51'19
	-10378 Oct 27 j 09:10	0°♌	
desc. node	-10378 Nov 04 j 11:38	11°♌27'12	
	-10378 Nov 16 j 01:40	0°♍	
morning set	-10378 Nov 21 j 23:25	10°♍27'43	
max. Earth dist.	-10378 Nov 25 j 23:07	17°♍56'06	1.36142 AU
superior conj	-10378 Dec 01 j 07:29	28°♍27'22	-1°38'15
minimum elong	-10378 Dec 01 j 08:45	28°♍33'44	1°38'07
	-10378 Dec 02 j 01:50	0°♎	
evening rise	-10378 Dec 09 j 03:48	14°♎29'30	
asc. node	-10378 Dec 15 j 14:03	27°♎01'40	
	-10378 Dec 17 j 06:11	0°♏	
evening max el	-10378 Dec 27 j 08:14	13°♏42'03	20°07'59
retrograde	-10377 Jan 06 j 13:13	18°♏29'53	
evening set	-10377 Jan 09 j 02:56	18°♏12'57	
inferior conj	-10377 Jan 17 j 17:37	14°♏11'40	3°14'22
minimum elong	-10377 Jan 17 j 23:13	14°♏03'05	3°12'47
min. Earth dist.	-10377 Jan 19 j 17:53	12°♏58'11	0.56045 AU
morning rise	-10377 Jan 26 j 17:39	9°♏40'33	
direct	-10377 Jan 30 j 15:49	9°♏06'31	
desc. node	-10377 Jan 31 j 12:59	9°♏08'17	
morning max el	-10377 Feb 13 j 07:10	15°♏52'59	23°38'19
	-10377 Feb 24 j 10:06	0°♐	
morning set	-10377 Mar 09 j 03:09	23°♐37'16	
	-10377 Mar 12 j 03:20	0°♑	
asc. node	-10377 Mar 13 j 12:21	2°♑57'09	
superior conj	-10377 Mar 16 j 05:23	8°♑46'22	0°26'05
minimum elong	-10377 Mar 16 j 04:17	8°♑40'28	0°25'17
max. Earth dist.	-10377 Mar 18 j 07:07	13°♑11'11	1.33680 AU
evening rise	-10377 Mar 23 j 20:07	24°♑36'19	
	-10377 Mar 26 j 14:10	0°♒	
	-10377 Apr 13 j 12:05	0°♓	
evening max el	-10377 Apr 26 j 07:59	15°♓35'49	27°26'12
desc. node	-10377 Apr 29 j 12:06	18°♓25'50	
retrograde	-10377 May 10 j 01:33	23°♓09'00	
evening set	-10377 May 17 j 01:25	20°♓33'09	

min. Earth dist.	-10377 May 20 j 16:51	17°♓18'25	0.63412 AU
inferior conj	-10377 May 23 j 08:28	14°♓32'40	-3°35'02
minimum elong	-10377 May 23 j 09:28	14°♓30'03	3°35'12
morning rise	-10377 May 29 j 18:27	9°♓15'52	
direct	-10377 Jun 01 j 13:00	8°♓37'42	
morning max el	-10377 Jun 08 j 01:08	12°♓01'16	18°04'15
asc. node	-10377 Jun 09 j 12:33	13°♓36'40	
	-10377 Jun 20 j 07:21	0°♈	
morning set	-10377 Jun 25 j 09:27	8°♈48'15	
superior conj	-10377 Jul 07 j 22:50	0°♉08'14	1°34'19
minimum elong	-10377 Jul 08 j 04:06	0°♉29'56	1°34'11
	-10377 Jul 07 j 20:50	0°♉	
max. Earth dist.	-10377 Jul 13 j 15:07	9°♉23'26	1.43618 AU
evening rise	-10377 Jul 23 j 23:17	25°♉43'04	
desc. node	-10377 Jul 26 j 09:13	29°♉27'08	
	-10377 Jul 26 j 17:44	0°♊	
	-10377 Aug 16 j 06:20	0°♋	
evening max el	-10377 Aug 20 j 23:09	5°♋29'29	20°31'47
retrograde	-10377 Aug 28 j 22:28	10°♋09'39	
evening set	-10377 Sep 01 j 17:37	8°♋46'45	
asc. node	-10377 Sep 05 j 12:55	4°♋49'49	
inferior conj	-10377 Sep 07 j 03:38	2°♋41'53	0°31'12
minimum elong	-10377 Sep 07 j 02:55	2°♋44'18	0°31'29
min. Earth dist.	-10377 Sep 07 j 20:50	1°♋43'57	0.66700 AU
	-10377 Sep 09 j 04:25	30°℞♊	
morning rise	-10377 Sep 12 j 12:01	26°♊22'06	
direct	-10377 Sep 17 j 22:16	24°♊03'21	
	-10377 Sep 28 j 10:27	0°♋	
morning max el	-10377 Sep 29 j 06:43	0°♋50'05	24°34'14
	-10377 Oct 21 j 09:00	0°♌	
desc. node	-10377 Oct 22 j 08:23	1°♌29'38	
morning set	-10377 Nov 04 j 01:04	22°♌17'26	
max. Earth dist.	-10377 Nov 07 j 23:13	29°♌15'40	1.37963 AU
	-10377 Nov 08 j 08:59	0°♍	
superior conj	-10377 Nov 14 j 17:03	11°♍53'15	-1°41'38
minimum elong	-10377 Nov 14 j 16:49	11°♍52'07	1°41'23
evening rise	-10377 Nov 23 j 05:04	28°♍39'18	
	-10377 Nov 23 j 21:23	0°♎	
asc. node	-10377 Dec 02 j 11:21	15°♎50'18	
evening max el	-10377 Dec 10 j 01:41	25°♎49'38	19°08'29
retrograde	-10377 Dec 18 j 19:33	29°♎59'42	
evening set	-10377 Dec 21 j 07:40	29°♎40'41	
inferior conj	-10377 Dec 29 j 09:01	25°♎25'47	4°03'51
minimum elong	-10377 Dec 29 j 11:59	25°♎20'37	4°03'22
min. Earth dist.	-10376 Jan 01 j 08:14	23°♎23'12	0.57377 AU
morning rise	-10376 Jan 06 j 14:05	20°♎29'15	
direct	-10376 Jan 11 j 20:47	19°♎24'04	
desc. node	-10376 Jan 18 j 09:47	21°♎03'09	
morning max el	-10376 Jan 25 j 21:58	26°♎34'17	25°12'53
	-10376 Jan 29 j 04:44	0°♏	
	-10376 Feb 17 j 08:58	0°♐	
morning set	-10376 Feb 21 j 15:37	8°♐42'30	
asc. node	-10376 Feb 28 j 09:27	23°♐13'15	
superior conj	-10376 Feb 28 j 15:13	23°♐44'37	0°02'22
minimum elong	-10376 Feb 28 j 15:09	23°♐44'11	0°01'47
behind sun begin	-10376 Feb 28 j 10:07	23°♐16'53	
behind sun end	-10376 Feb 28 j 20:10	24°♐11'27	
max. Earth dist.	-10376 Feb 29 j 16:43	26°♐02'45	1.33073 AU
	-10376 Mar 02 j 12:47	0°♑	
evening rise	-10376 Mar 06 j 22:01	9°♑11'29	
	-10376 Mar 17 j 23:48	0°♒	
evening max el	-10376 Apr 07 j 15:08	28°♒06'05	27°15'06
	-10376 Apr 09 j 17:03	0°♓	
desc. node	-10376 Apr 15 j 09:22	3°♓56'32	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10376 Apr 21 j 15:08	5°♓36'39	
evening set	-10376 Apr 28 j 09:47	3°♓25'37	
min. Earth dist.	-10376 May 02 j 03:55	0°♓31'04	0.61569 AU
	-10376 May 02 j 17:47	30°℞♒	
inferior conj	-10376 May 05 j 07:28	27°♒36'54	-3°34'44
minimum elong	-10376 May 05 j 06:39	27°♒38'48	3°35'04
morning rise	-10376 May 12 j 05:16	22°♒39'22	
direct	-10376 May 14 j 19:44	22°♒09'56	
morning max el	-10376 May 21 j 14:51	25°♒34'01	18°02'55
	-10376 May 25 j 08:54	0°♓	
asc. node	-10376 May 26 j 09:24	1°♓26'33	
morning set	-10376 Jun 06 j 22:45	21°♓11'23	
	-10376 Jun 11 j 19:39	0°♈	
superior conj	-10376 Jun 17 j 20:23	10°♈38'17	1°48'13
minimum elong	-10376 Jun 17 j 22:04	10°♈45'36	1°48'14
max. Earth dist.	-10376 Jun 25 j 00:09	22°♈44'30	1.42232 AU
	-10376 Jun 29 j 11:03	0°♉	
evening rise	-10376 Jul 02 j 02:42	4°♉13'54	
desc. node	-10376 Jul 12 j 06:32	19°♉53'58	
	-10376 Jul 19 j 03:14	0°♊	
evening max el	-10376 Aug 02 j 19:29	18°♊52'44	21°44'08
retrograde	-10376 Aug 11 j 18:17	24°♊10'20	
evening set	-10376 Aug 16 j 02:04	22°♊27'29	
inferior conj	-10376 Aug 21 j 08:49	16°♊16'24	-0°20'11
minimum elong	-10376 Aug 21 j 09:15	16°♊14'56	0°19'28
min. Earth dist.	-10376 Aug 21 j 15:33	15°♊53'12	0.67120 AU
asc. node	-10376 Aug 22 j 09:56	14°♊50'15	
morning rise	-10376 Aug 26 j 16:18	9°♊57'03	
direct	-10376 Aug 31 j 12:19	7°♊56'44	
morning max el	-10376 Sep 10 j 17:14	14°♊05'00	23°10'09
	-10376 Sep 23 j 12:32	0°♋	
desc. node	-10376 Oct 08 j 05:13	21°♋48'41	
	-10376 Oct 13 j 07:57	0°♌	
morning set	-10376 Oct 15 j 01:35	2°♌51'08	
max. Earth dist.	-10376 Oct 19 j 21:07	10°♌58'55	1.39960 AU
superior conj	-10376 Oct 27 j 11:27	24°♌29'53	-1°36'05
minimum elong	-10376 Oct 27 j 09:08	24°♌19'12	1°35'34
	-10376 Oct 30 j 10:36	0°♍	
evening rise	-10376 Nov 05 j 22:23	12°♍20'52	
	-10376 Nov 15 j 16:51	0°♎	
asc. node	-10376 Nov 18 j 08:37	3°♎57'09	
evening max el	-10376 Nov 22 j 04:14	8°♎27'39	18°29'02
retrograde	-10376 Nov 29 j 19:37	12°♎13'05	
evening set	-10376 Dec 02 j 07:41	11°♎50'12	
inferior conj	-10376 Dec 09 j 19:38	7°♎14'53	4°15'56
minimum elong	-10376 Dec 09 j 19:03	7°♎16'03	4°15'54
min. Earth dist.	-10376 Dec 13 j 01:35	4°♎40'08	0.59138 AU
morning rise	-10376 Dec 17 j 04:39	1°♎56'42	
direct	-10376 Dec 23 j 13:45	0°♎12'59	
desc. node	-10375 Jan 04 j 06:33	5°♎26'29	
morning max el	-10375 Jan 06 j 15:29	7°♎34'17	26°31'08
	-10375 Jan 23 j 12:34	0°♏	
morning set	-10375 Feb 05 j 02:48	23°♏43'56	
	-10375 Feb 08 j 01:40	0°♐	
superior conj	-10375 Feb 12 j 02:49	8°♐48'10	-0°20'55
minimum elong	-10375 Feb 12 j 03:42	8°♐52'57	0°21'16
max. Earth dist.	-10375 Feb 12 j 05:54	9°♐04'59	1.32793 AU
asc. node	-10375 Feb 14 j 06:35	13°♐30'25	
evening rise	-10375 Feb 19 j 05:03	24°♐01'52	
	-10375 Feb 22 j 03:26	0°♑	
	-10375 Mar 12 j 02:03	0°♒	
evening max el	-10375 Mar 20 j 17:22	9°♒59'38	26°31'27
desc. node	-10375 Apr 02 j 06:36	17°♒16'04	
retrograde	-10375 Apr 03 j 20:18	17°♒22'19	
evening set	-10375 Apr 09 j 23:41	15°♒45'36	
min. Earth dist.	-10375 Apr 14 j 06:43	12°♒56'38	0.59574 AU
inferior conj	-10375 Apr 17 j 15:11	10°♒15'22	-3°12'35
minimum elong	-10375 Apr 17 j 12:17	10°♒21'14	3°12'39
morning rise	-10375 Apr 25 j 03:31	5°♒37'53	
direct	-10375 Apr 27 j 14:15	5°♒15'46	
morning max el	-10375 May 05 j 01:44	8°♒52'47	18°20'41
asc. node	-10375 May 13 j 06:16	20°♒00'42	
	-10375 May 18 j 20:03	0°♓	
morning set	-10375 May 21 j 04:11	4°♓24'10	
superior conj	-10375 May 30 j 19:12	22°♓24'27	1°48'25
minimum elong	-10375 May 30 j 17:59	22°♓18'50	1°48'15
	-10375 Jun 04 j 00:55	0°♈	
max. Earth dist.	-10375 Jun 07 j 03:46	5°♈25'19	1.40479 AU
evening rise	-10375 Jun 12 j 02:19	13°♈43'58	
	-10375 Jun 22 j 08:29	0°♉	
desc. node	-10375 Jun 29 j 03:56	10°♉07'36	
	-10375 Jul 14 j 07:17	0°♊	
evening max el	-10375 Jul 16 j 09:44	2°♊13'42	23°04'22
retrograde	-10375 Jul 26 j 11:36	8°♊12'16	
evening set	-10375 Jul 31 j 09:40	6°♊08'09	
inferior conj	-10375 Aug 05 j 15:08	29°♉53'34	-1°09'02
minimum elong	-10375 Aug 05 j 16:33	29°♉48'42	1°08'02
min. Earth dist.	-10375 Aug 05 j 11:24	0°♊06'29	0.67250 AU
	-10375 Aug 05 j 13:17	30°℞♉	
asc. node	-10375 Aug 09 j 06:54	25°♉13'42	
morning rise	-10375 Aug 10 j 23:20	23°♉38'22	
direct	-10375 Aug 15 j 06:17	21°♉56'56	
morning max el	-10375 Aug 24 j 07:32	27°♉22'10	21°47'27
	-10375 Aug 26 j 17:12	0°♊	
	-10375 Sep 17 j 04:07	0°♋	
morning set	-10375 Sep 24 j 23:27	12°♋08'11	
desc. node	-10375 Sep 25 j 02:07	12°♋18'48	
max. Earth dist.	-10375 Oct 01 j 23:41	23°♋29'46	1.41861 AU
	-10375 Oct 05 j 20:46	0°♌	
superior conj	-10375 Oct 09 j 09:05	6°♌02'24	-1°19'01
minimum elong	-10375 Oct 09 j 04:47	5°♌43'41	1°18'07
evening rise	-10375 Oct 20 j 04:24	25°♌26'17	
	-10375 Oct 22 j 16:16	0°♍	
asc. node	-10375 Nov 05 j 05:54	21°♍09'30	
evening max el	-10375 Nov 05 j 13:18	21°♍28'14	18°09'42
retrograde	-10375 Nov 12 j 12:13	25°♍01'59	
evening set	-10375 Nov 15 j 01:17	24°♍33'55	
inferior conj	-10375 Nov 22 j 00:48	19°♍36'39	4°00'18
minimum elong	-10375 Nov 21 j 21:53	19°♍43'21	4°00'05
min. Earth dist.	-10375 Nov 25 j 01:24	16°♍50'49	0.61010 AU
morning rise	-10375 Nov 28 j 17:14	14°♍00'22	
direct	-10375 Dec 05 j 16:22	11°♍43'16	
morning max el	-10375 Dec 19 j 15:17	19°♍11'03	27°20'48
desc. node	-10375 Dec 22 j 03:17	21°♍44'28	
	-10375 Dec 28 j 22:15	0°♎	
	-10374 Jan 16 j 03:57	0°♏	
morning set	-10374 Jan 20 j 10:51	8°♏34'48	
max. Earth dist.	-10374 Jan 26 j 19:03	22°♏04'59	1.32835 AU
superior conj	-10374 Jan 27 j 14:32	23°♏51'04	-0°42'57
minimum elong	-10374 Jan 27 j 16:11	24°♏00'04	0°43'06
	-10374 Jan 30 j 10:14	0°♐	
asc. node	-10374 Feb 01 j 03:47	3°♐44'38	
evening rise	-10374 Feb 03 j 15:08	9°♐00'00	
	-10374 Feb 14 j 15:30	0°♑	
evening max el	-10374 Mar 02 j 14:02	21°♑17'20	25°19'50
retrograde	-10374 Mar 16 j 14:59	28°♑25'40	
desc. node	-10374 Mar 20 j 03:46	27°♑56'09	
evening set	-10374 Mar 21 j 18:25	27°♑23'44	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10374 Mar 27 j 03:11	24°♉26'37	0.57687 AU
inferior conj	-10374 Mar 30 j 04:20	22°♉19'54	-2°21'49
minimum elong	-10374 Mar 30 j 00:20	22°♉26'53	2°21'25
morning rise	-10374 Apr 07 j 09:28	18°♉01'34	
direct	-10374 Apr 09 j 16:38	17°♉45'18	
morning max el	-10374 Apr 18 j 06:58	21°♉49'23	18°58'03
	-10374 Apr 24 j 18:48	0°♒	
asc. node	-10374 Apr 30 j 03:09	9°♒09'05	
morning set	-10374 May 04 j 21:32	18°♒16'27	
	-10374 May 10 j 21:02	0°♓	
superior conj	-10374 May 13 j 14:03	5°♓13'19	1°38'45
minimum elong	-10374 May 13 j 11:21	5°♓00'26	1°38'15
max. Earth dist.	-10374 May 20 j 04:28	17°♓28'38	1.38597 AU
evening rise	-10374 May 24 j 05:25	24°♓36'30	
	-10374 May 27 j 09:20	0°♈	
desc. node	-10374 Jun 16 j 01:21	0°♉01'58	
	-10374 Jun 16 j 00:47	0°♉	
evening max el	-10374 Jun 28 j 20:19	15°♉35'18	24°26'02
retrograde	-10374 Jul 10 j 01:32	22°♉12'27	
evening set	-10374 Jul 15 j 14:34	19°♉48'11	
min. Earth dist.	-10374 Jul 20 j 05:58	14°♉22'41	0.67067 AU
inferior conj	-10374 Jul 20 j 20:51	13°♉32'23	-1°53'52
minimum elong	-10374 Jul 20 j 23:00	13°♉25'08	1°52'47
morning rise	-10374 Jul 26 j 07:23	7°♉24'47	
asc. node	-10374 Jul 27 j 03:50	6°♉51'22	
direct	-10374 Jul 30 j 03:00	6°♉01'04	
morning max el	-10374 Aug 07 j 04:00	10°♉45'47	20°32'43
	-10374 Aug 21 j 14:29	0°♊	
morning set	-10374 Sep 04 j 03:34	20°♊38'14	
	-10374 Sep 10 j 02:47	0°♋	
desc. node	-10374 Sep 11 j 23:07	2°♋56'12	
max. Earth dist.	-10374 Sep 14 j 09:10	6°♋48'54	1.43388 AU
superior conj	-10374 Sep 20 j 04:30	16°♋17'32	-0°48'35
minimum elong	-10374 Sep 20 j 00:07	15°♋59'25	0°47'30
	-10374 Sep 28 j 07:21	0°♌	
evening rise	-10374 Oct 02 j 18:50	7°♌46'02	
	-10374 Oct 16 j 04:49	0°♍	
evening max el	-10374 Oct 20 j 01:58	4°♍44'07	18°09'41
asc. node	-10374 Oct 23 j 03:09	7°♍12'13	
retrograde	-10374 Oct 26 j 17:22	8°♍16'44	
evening set	-10374 Oct 29 j 09:01	7°♍41'47	
inferior conj	-10374 Nov 04 j 21:27	2°♍24'20	3°26'51
minimum elong	-10374 Nov 04 j 17:44	2°♍33'59	3°26'21
	-10374 Nov 07 j 05:05	30°℞♌	
min. Earth dist.	-10374 Nov 07 j 10:40	29°♌45'55	0.62761 AU
morning rise	-10374 Nov 11 j 01:33	26°♌32'35	
direct	-10374 Nov 18 j 03:11	23°♌54'20	
	-10374 Nov 30 j 07:44	0°♍	
morning max el	-10374 Dec 01 j 21:06	1°♍27'16	27°35'47
desc. node	-10374 Dec 08 j 23:57	9°♍25'05	
	-10374 Dec 23 j 00:47	0°♎	
morning set	-10373 Jan 04 j 13:25	23°♎06'06	
	-10373 Jan 07 j 21:51	0°♏	
max. Earth dist.	-10373 Jan 10 j 04:13	4°♏47'50	1.33230 AU
superior conj	-10373 Jan 12 j 00:35	8°♏46'07	-1°03'00
minimum elong	-10373 Jan 12 j 02:44	8°♏57'40	1°03'00
evening rise	-10373 Jan 19 j 02:24	23°♏58'03	
asc. node	-10373 Jan 19 j 01:01	23°♏50'48	
	-10373 Jan 22 j 00:42	0°♐	
	-10373 Feb 10 j 03:22	0°♑	
evening max el	-10373 Feb 12 j 07:12	2°♑10'50	23°50'29
retrograde	-10373 Feb 25 j 21:35	8°♑53'41	
evening set	-10373 Mar 01 j 21:56	8°♑18'01	
desc. node	-10373 Mar 07 j 00:50	6°♑03'24	
min. Earth dist.	-10373 Mar 08 j 19:54	5°♑00'41	0.56216 AU
inferior conj	-10373 Mar 10 j 21:39	3°♑44'38	-0°59'13
minimum elong	-10373 Mar 10 j 19:17	3°♑48'15	0°59'04
	-10373 Mar 18 j 10:30	30°℞♐	
morning rise	-10373 Mar 19 j 19:25	29°♐40'06	
direct	-10373 Mar 22 j 00:32	29°♐27'24	
	-10373 Mar 25 j 11:21	0°♑	
morning max el	-10373 Apr 01 j 03:37	4°♑13'25	19°55'15
asc. node	-10373 Apr 17 j 00:04	28°♑42'41	
	-10373 Apr 17 j 15:40	0°♒	
morning set	-10373 Apr 18 j 23:14	2°♒37'56	
superior conj	-10373 Apr 26 j 23:31	18°♒49'17	1°22'31
minimum elong	-10373 Apr 26 j 20:32	18°♒34'26	1°21'43
max. Earth dist.	-10373 May 02 j 07:21	29°♒11'09	1.36824 AU
	-10373 May 02 j 17:40	0°♓	
evening rise	-10373 May 06 j 09:02	6°♓44'24	
	-10373 May 20 j 05:16	0°♈	
desc. node	-10373 Jun 02 j 22:48	19°♈28'18	
evening max el	-10373 Jun 11 j 05:58	28°♈58'10	25°41'14
	-10373 Jun 12 j 07:33	0°♉	
retrograde	-10373 Jun 23 j 11:21	6°♉05'32	
evening set	-10373 Jun 29 j 14:40	3°♉25'30	
	-10373 Jul 02 j 19:09	30°℞♈	
min. Earth dist.	-10373 Jul 03 j 20:57	28°♈38'39	0.66533 AU
inferior conj	-10373 Jul 05 j 00:06	27°♈10'46	-2°33'13
minimum elong	-10373 Jul 05 j 02:38	27°♈02'33	2°32'18
morning rise	-10373 Jul 10 j 14:40	21°♈13'46	
direct	-10373 Jul 14 j 00:53	20°♈05'39	
asc. node	-10373 Jul 14 j 00:43	20°♈05'39	
morning max el	-10373 Jul 21 j 07:06	24°♈16'34	19°30'26
	-10373 Jul 26 j 01:21	0°♉	
morning set	-10373 Aug 14 j 09:12	29°♉15'30	
	-10373 Aug 14 j 20:33	0°♊	
max. Earth dist.	-10373 Aug 27 j 23:34	20°♊40'03	1.44338 AU
desc. node	-10373 Aug 29 j 20:12	23°♊37'31	
superior conj	-10373 Aug 30 j 20:51	25°♊15'46	-0°06'14
minimum elong	-10373 Aug 30 j 20:11	25°♊13'05	0°05'33
behind sun begin	-10373 Aug 30 j 09:38	24°♊30'59	
behind sun end	-10373 Aug 31 j 06:44	25°♊55'14	
	-10373 Sep 02 j 19:48	0°♋	
evening rise	-10373 Sep 14 j 12:17	19°♋07'16	
	-10373 Sep 21 j 01:36	0°♌	
evening max el	-10373 Oct 03 j 15:21	18°♌09'25	18°28'06
retrograde	-10373 Oct 10 j 06:53	21°♌49'50	
asc. node	-10373 Oct 10 j 00:21	21°♌49'26	
evening set	-10373 Oct 13 j 03:14	21°♌05'34	
inferior conj	-10373 Oct 19 j 06:06	15°♌30'56	2°42'56
minimum elong	-10373 Oct 19 j 02:40	15°♌40'47	2°42'22
min. Earth dist.	-10373 Oct 21 j 06:12	13°♌13'01	0.64261 AU
morning rise	-10373 Oct 25 j 01:29	9°♌26'52	
direct	-10373 Oct 31 j 21:16	6°♌41'05	
morning max el	-10373 Nov 14 j 06:25	14°♌14'45	27°16'41
desc. node	-10373 Nov 25 j 20:38	28°♌04'42	
	-10373 Nov 27 j 05:48	0°♍	
	-10373 Dec 15 j 13:59	0°♎	
morning set	-10373 Dec 19 j 07:45	7°♎08'43	
max. Earth dist.	-10373 Dec 24 j 05:33	17°♎01'53	1.34022 AU
superior conj	-10373 Dec 27 j 07:11	23°♎27'13	-1°20'07
minimum elong	-10373 Dec 27 j 09:26	23°♎39'03	1°20'03
	-10373 Dec 30 j 09:04	0°♏	
evening rise	-10372 Jan 03 j 13:13	8°♏50'16	
asc. node	-10372 Jan 05 j 22:16	13°♏43'52	
	-10372 Jan 14 j 19:54	0°♐	
evening max el	-10372 Jan 25 j 02:00	13°♐04'09	22°16'46

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10372 Feb 06 j 16:46	19°♐06'32	
evening set	-10372 Feb 09 j 19:40	18°♐45'05	
inferior conj	-10372 Feb 18 j 23:22	14°♐36'49	0°45'54
minimum elong	-10372 Feb 19 j 01:21	14°♐33'59	0°44'41
min. Earth dist.	-10372 Feb 18 j 11:02	14°♐54'27	0.55462 AU
desc. node	-10372 Feb 21 j 21:47	12°♐58'54	
morning rise	-10372 Feb 28 j 07:55	10°♐33'21	
direct	-10372 Mar 01 j 18:12	10°♐19'47	
morning max el	-10372 Mar 13 j 13:27	15°♐57'39	21°11'19
	-10372 Mar 24 j 03:22	0°♑	
morning set	-10372 Apr 02 j 06:38	17°♑20'49	
asc. node	-10372 Apr 02 j 21:01	18°♑34'55	
	-10372 Apr 08 j 08:40	0°♒	
superior conj	-10372 Apr 09 j 19:28	3°♒00'01	1°02'13
minimum elong	-10372 Apr 09 j 16:56	2°♒46'59	1°01'17
max. Earth dist.	-10372 Apr 13 j 18:11	11°♒00'38	1.35329 AU
evening rise	-10372 Apr 18 j 07:33	19°♒52'14	
	-10372 Apr 23 j 20:24	0°♓	
	-10372 May 13 j 04:11	0°♈	
desc. node	-10372 May 19 j 20:12	8°♈14'56	
evening max el	-10372 May 23 j 16:26	12°♈19'39	26°41'17
retrograde	-10372 Jun 05 j 16:24	19°♈44'59	
evening set	-10372 Jun 12 j 07:36	16°♈57'27	
min. Earth dist.	-10372 Jun 16 j 06:07	12°♈49'30	0.65625 AU
inferior conj	-10372 Jun 17 j 22:53	10°♈46'00	-3°05'19
minimum elong	-10372 Jun 18 j 01:19	10°♈38'35	3°04'46
morning rise	-10372 Jun 23 j 19:17	5°♈02'27	
direct	-10372 Jun 26 j 22:08	4°♈07'32	
asc. node	-10372 Jun 29 j 21:34	4°♈55'17	
morning max el	-10372 Jul 03 j 15:48	7°♈52'46	18°43'23
	-10372 Jul 18 j 23:44	0°♉	
morning set	-10372 Jul 24 j 09:49	8°♉46'10	
	-10372 Aug 06 j 16:07	0°♊	
superior conj	-10372 Aug 08 j 21:10	3°♊30'05	0°40'19
minimum elong	-10372 Aug 09 j 01:58	3°♊49'03	0°40'15
max. Earth dist.	-10372 Aug 09 j 16:01	4°♊44'37	1.44607 AU
desc. node	-10372 Aug 15 j 17:23	14°♊18'58	
evening rise	-10372 Aug 25 j 03:36	29°♊16'00	
	-10372 Aug 25 j 14:39	0°♋	
	-10372 Sep 14 j 14:52	0°♌	
evening max el	-10372 Sep 16 j 02:39	1°♌38'15	19°03'52
retrograde	-10372 Sep 23 j 01:11	5°♌34'46	
asc. node	-10372 Sep 25 j 21:30	4°♌48'13	
evening set	-10372 Sep 26 j 04:37	4°♌38'04	
	-10372 Oct 01 j 00:38	30°♋	
inferior conj	-10372 Oct 01 j 23:34	28°♋49'26	1°53'21
minimum elong	-10372 Oct 01 j 21:01	28°♋57'20	1°52'59
min. Earth dist.	-10372 Oct 03 j 10:53	26°♋59'46	0.65457 AU
morning rise	-10372 Oct 07 j 13:00	22°♋36'32	
direct	-10372 Oct 13 j 21:42	19°♋55'10	
morning max el	-10372 Oct 26 j 16:29	27°♋19'59	26°28'44
	-10372 Oct 29 j 05:44	0°♌	
desc. node	-10372 Nov 11 j 17:20	17°♌25'29	
	-10372 Nov 19 j 21:08	0°♍	
morning set	-10372 Dec 01 j 14:07	20°♍30'30	
max. Earth dist.	-10372 Dec 05 j 20:11	28°♍42'38	1.35247 AU
	-10372 Dec 06 j 11:49	0°♎	
superior conj	-10372 Dec 10 j 08:02	7°♎46'29	-1°33'10
minimum elong	-10372 Dec 10 j 09:50	7°♎55'46	1°33'04
evening rise	-10372 Dec 17 j 21:52	23°♎30'35	
	-10372 Dec 21 j 02:52	0°♏	
asc. node	-10372 Dec 22 j 19:33	3°♏17'44	
evening max el	-10371 Jan 06 j 03:48	24°♏19'21	20°50'43
retrograde	-10371 Jan 17 j 06:49	29°♏32'58	
evening set	-10371 Jan 19 j 23:06	29°♏16'00	
inferior conj	-10371 Jan 28 j 20:30	25°♏17'41	2°28'01
minimum elong	-10371 Jan 29 j 01:58	25°♏09'45	2°26'05
min. Earth dist.	-10371 Jan 30 j 01:07	24°♏36'09	0.55586 AU
morning rise	-10371 Feb 07 j 03:32	20°♏59'44	
desc. node	-10371 Feb 07 j 18:40	20°♏51'44	
direct	-10371 Feb 10 j 09:08	20°♏36'44	
morning max el	-10371 Feb 23 j 12:20	27°♏02'44	22°42'26
	-10371 Feb 26 j 08:18	0°♐	
	-10371 Mar 16 j 14:50	0°♑	
morning set	-10371 Mar 17 j 17:30	2°♑17'58	
asc. node	-10371 Mar 20 j 18:02	8°♑40'19	
superior conj	-10371 Mar 24 j 22:40	17°♑35'38	0°39'37
minimum elong	-10371 Mar 24 j 20:59	17°♑26'45	0°38'44
max. Earth dist.	-10371 Mar 27 j 15:31	23°♑15'57	1.34180 AU
	-10371 Mar 30 j 22:35	0°♒	
evening rise	-10371 Apr 01 j 19:45	3°♒44'11	
	-10371 Apr 16 j 15:30	0°♓	
evening max el	-10371 May 06 j 03:25	25°♓31'33	27°18'12
desc. node	-10371 May 06 j 17:33	26°♓05'29	
	-10371 May 11 j 11:22	0°♈	
retrograde	-10371 May 19 j 15:58	3°♈03'37	
evening set	-10371 May 26 j 14:31	0°♈20'00	
	-10371 May 27 j 00:24	30°♓	
min. Earth dist.	-10371 May 30 j 07:33	26°♓47'47	0.64327 AU
inferior conj	-10371 Jun 01 j 14:48	24°♓14'38	-3°27'47
minimum elong	-10371 Jun 01 j 16:32	24°♓09'48	3°27'43
morning rise	-10371 Jun 07 j 19:08	18°♓47'06	
direct	-10371 Jun 10 j 16:21	18°♓03'15	
asc. node	-10371 Jun 16 j 18:24	21°♓07'39	
morning max el	-10371 Jun 17 j 04:20	21°♓31'56	18°13'22
	-10371 Jun 23 j 16:32	0°♈	
morning set	-10371 Jul 05 j 12:05	19°♈28'57	
	-10371 Jul 11 j 18:41	0°♉	
superior conj	-10371 Jul 19 j 03:34	12°♉04'00	1°18'56
minimum elong	-10371 Jul 19 j 10:04	12°♉30'14	1°18'41
max. Earth dist.	-10371 Jul 23 j 08:08	18°♉47'23	1.44176 AU
	-10371 Jul 30 j 10:26	0°♊	
desc. node	-10371 Aug 02 j 14:38	4°♊57'46	
evening rise	-10371 Aug 04 j 17:10	8°♊14'25	
greatest brilliancy	-10371 Aug 17 j 08:01	27°♊36'14	-0.7m
	-10371 Aug 18 j 22:35	0°♋	
evening max el	-10371 Aug 30 j 09:24	15°♋06'54	19°55'34
retrograde	-10371 Sep 06 j 21:39	19°♋28'10	
evening set	-10371 Sep 10 j 10:29	18°♋15'40	
asc. node	-10371 Sep 12 j 18:36	16°♋11'10	
inferior conj	-10371 Sep 15 j 23:16	12°♋15'59	1°01'20
minimum elong	-10371 Sep 15 j 21:52	12°♋20'35	1°01'21
min. Earth dist.	-10371 Sep 16 j 22:46	10°♋58'39	0.66343 AU
morning rise	-10371 Sep 21 j 08:58	5°♋57'52	
direct	-10371 Sep 27 j 03:47	3°♋29'23	
morning max el	-10371 Oct 09 j 02:04	10°♋32'51	25°19'47
	-10371 Oct 24 j 15:44	0°♌	
desc. node	-10371 Oct 29 j 14:05	7°♌15'28	
	-10371 Nov 12 j 11:48	0°♍	
morning set	-10371 Nov 14 j 03:46	2°♍57'46	
max. Earth dist.	-10371 Nov 18 j 00:27	10°♍02'23	1.36887 AU
superior conj	-10371 Nov 24 j 00:15	21°♍35'10	-1°40'38
minimum elong	-10371 Nov 24 j 00:58	21°♍38'42	1°40'28
	-10371 Nov 28 j 04:57	0°♎	
evening rise	-10371 Dec 02 j 02:28	7°♎53'25	
asc. node	-10371 Dec 09 j 16:50	22°♎25'24	
	-10371 Dec 14 j 11:15	0°♏	
evening max el	-10371 Dec 19 j 15:26	6°♏07'26	19°40'15

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10371 Dec 29 j 04:17	10°♏37'11	
evening set	-10371 Dec 31 j 17:16	10°♏19'30	
inferior conj	-10370 Jan 09 j 02:23	6°♏13'44	3°40'23
minimum elong	-10370 Jan 09 j 07:13	6°♏06'00	3°39'16
min. Earth dist.	-10370 Jan 11 j 14:33	4°♏37'53	0.56542 AU
morning rise	-10370 Jan 17 j 19:03	1°♏32'01	
direct	-10370 Jan 22 j 07:27	0°♏46'10	
desc. node	-10370 Jan 25 j 15:30	1°♏11'46	
morning max el	-10370 Feb 05 j 04:02	7°♏44'13	24°19'42
	-10370 Feb 21 j 07:52	0°♐	
morning set	-10370 Mar 02 j 05:53	17°♐22'13	
asc. node	-10370 Mar 07 j 15:04	28°♐53'39	
	-10370 Mar 08 j 03:20	0°♑	
superior conj	-10370 Mar 09 j 06:38	2°♑27'24	0°16'01
minimum elong	-10370 Mar 09 j 05:58	2°♑23'49	0°15'18
behind sun begin	-10370 Mar 09 j 04:45	2°♑17'13	
behind sun end	-10370 Mar 09 j 07:11	2°♑30'24	
max. Earth dist.	-10370 Mar 10 j 21:43	5°♑57'26	1.33381 AU
evening rise	-10370 Mar 16 j 17:33	18°♑06'34	
	-10370 Mar 22 j 21:12	0°♒	
	-10370 Apr 11 j 02:35	0°♓	
evening max el	-10370 Apr 18 j 12:43	8°♓20'20	27°25'38
desc. node	-10370 Apr 23 j 14:52	12°♓35'57	
retrograde	-10370 May 02 j 09:11	15°♓52'08	
evening set	-10370 May 09 j 08:04	13°♓25'34	
min. Earth dist.	-10370 May 12 j 23:48	10°♓21'02	0.62660 AU
inferior conj	-10370 May 15 j 20:55	7°♓29'44	-3°37'11
minimum elong	-10370 May 15 j 21:13	7°♓28'59	3°37'28
morning rise	-10370 May 22 j 11:34	2°♓20'45	
direct	-10370 May 25 j 04:26	1°♓46'18	
morning max el	-10370 May 31 j 18:18	5°♓08'30	18°01'26
asc. node	-10370 Jun 03 j 15:14	8°♓25'58	
	-10370 Jun 16 j 20:09	0°♈	
morning set	-10370 Jun 17 j 13:55	1°♈18'37	
superior conj	-10370 Jun 29 j 09:15	21°♈46'46	1°42'06
minimum elong	-10370 Jun 29 j 13:03	22°♈02'47	1°42'05
	-10370 Jul 04 j 08:05	0°♉	
max. Earth dist.	-10370 Jul 05 j 20:52	2°♉30'04	1.43096 AU
evening rise	-10370 Jul 14 j 17:50	16°♉37'24	
desc. node	-10370 Jul 20 j 11:57	25°♉30'16	
	-10370 Jul 23 j 11:03	0°♊	
evening max el	-10370 Aug 13 j 09:45	28°♊32'28	21°01'13
	-10370 Aug 14 j 22:06	0°♋	
retrograde	-10370 Aug 21 j 18:12	3°♋27'19	
evening set	-10370 Aug 25 j 18:36	1°♋55'59	
	-10370 Aug 27 j 19:51	30°℞♊	
asc. node	-10370 Aug 30 j 15:39	26°♊26'48	
inferior conj	-10370 Aug 31 j 03:01	25°♊48'09	0°09'10
minimum elong	-10370 Aug 31 j 02:48	25°♊48'54	0°09'39
transit middle	-10370 Aug 31 j 02:48	25°♊48'54	0°09'39
transit begin	-10370 Aug 31 j 00:36	25°♊56'24	
transit end	-10370 Aug 31 j 05:00	25°♊41'24	
min. Earth dist.	-10370 Aug 31 j 15:39	25°♊05'03	0.66923 AU
morning rise	-10370 Sep 05 j 10:50	19°♊28'23	
direct	-10370 Sep 10 j 14:58	17°♊17'26	
morning max el	-10370 Sep 21 j 11:48	23°♊48'02	23°58'47
	-10370 Sep 26 j 23:50	0°♋	
desc. node	-10370 Oct 16 j 10:53	27°♋26'08	
	-10370 Oct 18 j 02:13	0°♌	
morning set	-10370 Oct 26 j 19:19	14°♌16'39	
max. Earth dist.	-10370 Oct 30 j 23:12	21°♌30'40	1.38811 AU
	-10370 Nov 04 j 15:40	0°♍	
superior conj	-10370 Nov 07 j 04:02	4°♍42'22	-1°40'31
minimum elong	-10370 Nov 07 j 02:58	4°♍37'18	1°40'11
evening rise	-10370 Nov 16 j 00:46	21°♍52'53	
	-10370 Nov 20 j 06:00	0°♎	
asc. node	-10370 Nov 26 j 14:08	10°♎58'10	
evening max el	-10370 Dec 02 j 13:01	18°♎29'06	18°49'10
retrograde	-10370 Dec 10 j 18:23	22°♎27'19	
evening set	-10370 Dec 13 j 06:23	22°♎06'46	
inferior conj	-10370 Dec 21 j 01:53	17°♎43'13	4°13'07
minimum elong	-10370 Dec 21 j 03:17	17°♎40'37	4°12'54
min. Earth dist.	-10370 Dec 24 j 05:35	15°♎24'49	0.58091 AU
morning rise	-10370 Dec 28 j 22:12	12°♎37'05	
direct	-10369 Jan 03 j 17:16	11°♎16'00	
desc. node	-10369 Jan 12 j 12:17	14°♎14'15	
morning max el	-10369 Jan 17 j 19:28	18°♎31'18	25°49'09
	-10369 Jan 27 j 10:35	0°♏	
	-10369 Feb 13 j 13:44	0°♐	
morning set	-10369 Feb 14 j 18:04	2°♐27'22	
superior conj	-10369 Feb 21 j 17:27	17°♐29'03	-0°07'38
minimum elong	-10369 Feb 21 j 17:48	17°♐30'55	0°08'07
behind sun begin	-10369 Feb 21 j 13:28	17°♐07'19	
behind sun end	-10369 Feb 21 j 22:08	17°♐54'31	
max. Earth dist.	-10369 Feb 22 j 09:30	18°♐56'24	1.32914 AU
asc. node	-10369 Feb 22 j 12:11	19°♐11'02	
	-10369 Feb 27 j 13:19	0°♑	
evening rise	-10369 Feb 28 j 21:57	2°♑49'32	
	-10369 Mar 15 j 19:00	0°♒	
evening max el	-10369 Mar 31 j 17:53	20°♒35'16	27°00'19
desc. node	-10369 Apr 10 j 12:07	27°♒15'31	
retrograde	-10369 Apr 14 j 19:12	28°♒02'55	
evening set	-10369 Apr 21 j 08:52	26°♒05'26	
min. Earth dist.	-10369 Apr 25 j 06:53	23°♒15'28	0.60730 AU
inferior conj	-10369 Apr 28 j 13:51	20°♒23'56	-3°28'27
minimum elong	-10369 Apr 28 j 12:08	20°♒27'42	3°28'43
morning rise	-10369 May 05 j 17:31	15°♒35'07	
direct	-10369 May 08 j 06:31	15°♒08'52	
morning max el	-10369 May 15 j 07:11	18°♒36'25	18°08'11
asc. node	-10369 May 21 j 12:04	26°♒35'57	
	-10369 May 23 j 14:25	0°♓	
morning set	-10369 May 31 j 10:36	14°♓04'04	
	-10369 Jun 09 j 03:42	0°♈	
superior conj	-10369 Jun 10 j 18:06	2°♈50'49	1°49'46
minimum elong	-10369 Jun 10 j 18:23	2°♈52'04	1°49'44
max. Earth dist.	-10369 Jun 18 j 03:45	15°♈35'43	1.41518 AU
evening rise	-10369 Jun 24 j 03:56	25°♈27'32	
	-10369 Jun 27 j 00:19	0°♉	
desc. node	-10369 Jul 07 j 09:20	15°♉52'22	
	-10369 Jul 17 j 07:45	0°♊	
evening max el	-10369 Jul 27 j 03:12	11°♊54'13	22°17'33
retrograde	-10369 Aug 05 j 13:13	17°♊29'22	
evening set	-10369 Aug 10 j 02:58	15°♊37'17	
inferior conj	-10369 Aug 15 j 08:55	9°♊24'10	-0°41'20
minimum elong	-10369 Aug 15 j 09:47	9°♊21'10	0°40'28
min. Earth dist.	-10369 Aug 15 j 11:08	9°♊16'29	0.67211 AU
asc. node	-10369 Aug 17 j 12:40	6°♊29'42	
morning rise	-10369 Aug 20 j 16:31	3°♊06'14	
direct	-10369 Aug 25 j 06:40	1°♊14'17	
morning max el	-10369 Sep 03 j 23:48	7°♊04'30	22°34'24
	-10369 Sep 21 j 14:03	0°♋	
desc. node	-10369 Oct 03 j 07:45	17°♋50'43	
morning set	-10369 Oct 07 j 08:20	24°♋17'12	
	-10369 Oct 10 j 19:46	0°♌	
max. Earth dist.	-10369 Oct 12 j 22:52	3°♌34'19	1.40796 AU
superior conj	-10369 Oct 20 j 14:20	16°♌53'39	-1°30'23
minimum elong	-10369 Oct 20 j 11:05	16°♌39'01	1°29'43
	-10369 Oct 27 j 17:30	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10369 Oct 30 j 13:48	5°♍20'42	
asc. node	-10369 Nov 13 j 11:27	28°♍43'55	
	-10369 Nov 14 j 13:11	0°♎	
evening max el	-10369 Nov 15 j 18:37	1°♎17'34	18°18'20
retrograde	-10369 Nov 23 j 02:03	4°♎57'01	
evening set	-10369 Nov 25 j 14:14	4°♎32'14	
inferior conj	-10369 Dec 02 j 20:45	29°♍47'32	4°12'03
minimum elong	-10369 Dec 02 j 18:59	29°♍51'18	4°12'00
	-10369 Dec 02 j 14:53	30°℞♍	
min. Earth dist.	-10369 Dec 06 j 01:29	27°♍05'21	0.59932 AU
morning rise	-10369 Dec 09 j 22:07	24°♍20'53	
direct	-10369 Dec 16 j 14:30	22°♍21'53	
desc. node	-10369 Dec 30 j 09:00	29°♍30'43	
morning max el	-10369 Dec 30 j 15:47	29°♍46'54	26°56'18
	-10369 Dec 30 j 21:12	0°♎	
	-10368 Jan 21 j 04:52	0°♏	
morning set	-10368 Jan 30 j 04:10	17°♏25'24	
	-10368 Feb 05 j 01:15	0°♐	
superior conj	-10368 Feb 06 j 05:18	2°♐33'06	-0°30'28
minimum elong	-10368 Feb 06 j 06:32	2°♐39'50	0°30'43
max. Earth dist.	-10368 Feb 05 j 23:03	1°♐59'00	1.32767 AU
asc. node	-10368 Feb 09 j 09:21	9°♐27'29	
evening rise	-10368 Feb 13 j 06:29	17°♐43'47	
	-10368 Feb 19 j 10:20	0°♑	
	-10368 Mar 10 j 13:19	0°♒	
evening max el	-10368 Mar 12 j 17:24	2°♒11'42	26°03'50
retrograde	-10368 Mar 26 j 20:28	9°♒30'14	
desc. node	-10368 Mar 27 j 09:17	9°♒29'31	
evening set	-10368 Apr 01 j 14:29	8°♒08'35	
min. Earth dist.	-10368 Apr 06 j 06:38	5°♒17'44	0.58737 AU
inferior conj	-10368 Apr 09 j 13:56	2°♒48'22	-2°54'55
minimum elong	-10368 Apr 09 j 10:21	2°♒55'11	2°54'46
	-10368 Apr 13 j 14:37	30°℞♑	
morning rise	-10368 Apr 17 j 09:16	28°♑19'42	
direct	-10368 Apr 19 j 18:20	28°♑00'25	
	-10368 Apr 25 j 12:05	0°♒	
morning max el	-10368 Apr 27 j 16:05	1°♒47'06	18°34'13
asc. node	-10368 May 07 j 08:56	15°♒25'39	
morning set	-10368 May 13 j 21:32	27°♒34'24	
	-10368 May 15 j 03:48	0°♓	
superior conj	-10368 May 23 j 02:08	15°♓05'36	1°45'19
minimum elong	-10368 May 23 j 00:07	14°♓56'11	1°45'01
max. Earth dist.	-10368 May 30 j 05:06	27°♓57'15	1.39671 AU
	-10368 May 31 j 09:19	0°♈	
evening rise	-10368 Jun 03 j 15:04	5°♈31'46	
	-10368 Jun 19 j 03:33	0°♉	
desc. node	-10368 Jun 23 j 06:45	5°♉58'51	
evening max el	-10368 Jul 08 j 15:23	25°♉14'47	23°39'24
	-10368 Jul 14 j 10:30	0°♊	
retrograde	-10368 Jul 19 j 05:23	1°♊31'18	
	-10368 Jul 23 j 12:46	30°℞♉	
evening set	-10368 Jul 24 j 09:41	29°♉18'20	
inferior conj	-10368 Jul 29 j 15:12	23°♉02'43	-1°28'38
minimum elong	-10368 Jul 29 j 16:58	22°♉56'41	1°27'34
min. Earth dist.	-10368 Jul 29 j 06:49	23°♉31'27	0.67203 AU
asc. node	-10368 Aug 03 j 09:37	17°♉20'17	
morning rise	-10368 Aug 04 j 00:10	16°♉50'09	
direct	-10368 Aug 08 j 01:59	15°♉16'33	
morning max el	-10368 Aug 16 j 16:35	20°♉24'37	21°14'25
	-10368 Aug 24 j 13:10	0°♊	
	-10368 Sep 13 j 20:21	0°♋	
morning set	-10368 Sep 15 j 20:55	3°♋09'34	
desc. node	-10368 Sep 19 j 04:43	8°♋24'53	
max. Earth dist.	-10368 Sep 24 j 03:54	16°♋25'19	1.42565 AU

superior conj	-10368 Oct 01 j 01:26	27°♋55'02	-1°07'47
minimum elong	-10368 Sep 30 j 20:44	27°♋35'01	1°06'46
	-10368 Oct 02 j 06:43	0°♌	
evening rise	-10368 Oct 12 j 13:51	18°♌08'33	
	-10368 Oct 19 j 06:06	0°♍	
evening max el	-10368 Oct 29 j 05:38	14°♍26'01	18°07'21
asc. node	-10368 Oct 30 j 08:43	15°♍29'01	
retrograde	-10368 Nov 05 j 00:25	17°♍58'00	
evening set	-10368 Nov 07 j 14:17	17°♍27'22	
inferior conj	-10368 Nov 14 j 08:57	12°♍21'32	3°47'46
minimum elong	-10368 Nov 14 j 05:31	12°♍29'50	3°47'24
min. Earth dist.	-10368 Nov 17 j 05:19	9°♍36'32	0.61784 AU
morning rise	-10368 Nov 20 j 19:38	6°♍38'15	
direct	-10368 Nov 27 j 21:11	4°♍10'02	
morning max el	-10368 Dec 11 j 18:18	11°♍40'57	27°31'20
desc. node	-10368 Dec 16 j 05:42	16°♍27'19	
	-10368 Dec 26 j 08:32	0°♎	
	-10367 Jan 12 j 08:48	0°♏	
morning set	-10367 Jan 13 j 10:10	2°♏08'50	
max. Earth dist.	-10367 Jan 19 j 10:43	14°♏51'57	1.32958 AU
superior conj	-10367 Jan 20 j 16:32	17°♏33'28	-0°51'45
minimum elong	-10367 Jan 20 j 18:26	17°♏43'47	0°51'50
asc. node	-10367 Jan 26 j 06:34	29°♏38'44	
	-10367 Jan 26 j 10:33	0°♐	
evening rise	-10367 Jan 27 j 17:16	2°♐42'23	
	-10367 Feb 11 j 17:05	0°♑	
evening max el	-10367 Feb 22 j 12:08	13°♑16'40	24°43'13
retrograde	-10367 Mar 08 j 10:23	20°♑16'01	
evening set	-10367 Mar 13 j 01:49	19°♑26'59	
desc. node	-10367 Mar 14 j 06:23	18°♑59'32	
min. Earth dist.	-10367 Mar 19 j 01:31	16°♑22'21	0.56986 AU
inferior conj	-10367 Mar 21 j 18:31	14°♑35'51	-1°50'29
minimum elong	-10367 Mar 21 j 14:49	14°♑41'58	1°50'02
morning rise	-10367 Mar 30 j 06:58	10°♑24'09	
direct	-10367 Apr 01 j 12:40	10°♑09'52	
morning max el	-10367 Apr 10 j 17:58	14°♑30'42	19°19'58
	-10367 Apr 21 j 16:20	0°♒	
asc. node	-10367 Apr 24 j 05:48	4°♒45'24	
morning set	-10367 Apr 27 j 18:46	11°♒39'39	
superior conj	-10367 May 06 j 03:43	28°♒15'33	1°32'30
minimum elong	-10367 May 06 j 00:46	28°♒01'15	1°31'51
	-10367 May 07 j 01:15	0°♓	
max. Earth dist.	-10367 May 12 j 05:35	9°♓46'45	1.37813 AU
evening rise	-10367 May 16 j 05:12	16°♓57'57	
	-10367 May 23 j 21:25	0°♈	
desc. node	-10367 Jun 10 j 04:11	25°♈42'19	
	-10367 Jun 13 j 11:44	0°♉	
evening max el	-10367 Jun 21 j 01:19	8°♉37'02	24°59'30
retrograde	-10367 Jul 02 j 17:36	15°♉28'29	
evening set	-10367 Jul 08 j 12:45	12°♉57'05	
min. Earth dist.	-10367 Jul 13 j 00:13	7°♉47'33	0.66877 AU
inferior conj	-10367 Jul 13 j 20:04	6°♉41'28	-2°11'20
minimum elong	-10367 Jul 13 j 22:26	6°♉33'36	2°10'18
morning rise	-10367 Jul 19 j 08:05	0°♉37'44	
	-10367 Jul 20 j 08:57	30°℞♈	
asc. node	-10367 Jul 21 j 06:30	29°♈37'30	
direct	-10367 Jul 22 j 23:28	29°♈20'47	
	-10367 Jul 25 j 16:56	0°♉	
morning max el	-10367 Jul 30 j 15:43	3°♉50'21	20°04'29
	-10367 Aug 18 j 10:57	0°♊	
morning set	-10367 Aug 25 j 22:55	11°♊34'39	
desc. node	-10367 Sep 06 j 01:46	29°♊04'16	
max. Earth dist.	-10367 Sep 06 j 15:24	29°♊58'43	1.43872 AU
	-10367 Sep 06 j 15:43	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10367 Sep 11 j 08:54	7°♋36'00	-0°31'48	
minimum elong	-10367 Sep 11 j 05:37	7°♋22'37	0°30'48	
evening rise	-10367 Sep 24 j 19:57	0°♌04'27		
	-10367 Sep 24 j 18:55	0°♌		
evening max el	-10367 Oct 12 j 19:00	27°♌46'54	18°15'22	
	-10367 Oct 15 j 09:48	0°♍		
asc. node	-10367 Oct 17 j 05:57	0°♍57'21		
retrograde	-10367 Oct 19 j 09:25	1°♍21'22		
evening set	-10367 Oct 22 j 02:54	0°♍42'41		
	-10367 Oct 23 j 09:11	30°℞♌		
inferior conj	-10367 Oct 28 j 11:04	25°♌17'44	3°09'10	
minimum elong	-10367 Oct 28 j 07:23	25°♌27'45	3°08'35	
min. Earth dist.	-10367 Oct 30 j 18:49	22°♌46'49	0.63443 AU	
morning rise	-10367 Nov 03 j 11:07	19°♌20'38		
direct	-10367 Nov 10 j 11:18	16°♌37'24		
morning max el	-10367 Nov 24 j 01:40	24°♌10'53	27°31'30	
	-10367 Nov 29 j 10:12	0°♍		
desc. node	-10367 Dec 03 j 02:24	4°♍35'31		
	-10367 Dec 19 j 14:54	0°♎		
morning set	-10367 Dec 28 j 09:38	16°♎29'13		
max. Earth dist.	-10366 Jan 02 j 16:56	27°♎23'35	1.33518 AU	
	-10366 Jan 03 j 22:27	0°♏		
superior conj	-10366 Jan 05 j 01:23	2°♏23'50	-1°10'41	
minimum elong	-10366 Jan 05 j 03:38	2°♏35'49	1°10'38	
evening rise	-10366 Jan 12 j 04:34	17°♏39'07		
asc. node	-10366 Jan 13 j 03:48	19°♏40'13		
	-10366 Jan 18 j 08:51	0°♐		
evening max el	-10366 Feb 04 j 05:33	24°♐08'16	23°10'23	
	-10366 Feb 13 j 13:20	0°♑		
retrograde	-10366 Feb 17 j 11:23	0°♑34'44		
evening set	-10366 Feb 21 j 01:30	0°♑06'38		
	-10366 Feb 21 j 11:20	30°℞♐		
min. Earth dist.	-10366 Feb 28 j 17:27	26°♐37'10	0.55797 AU	
desc. node	-10366 Mar 01 j 03:23	26°♐22'35		
inferior conj	-10366 Mar 02 j 04:22	25°♐45'47	-0°16'12	
minimum elong	-10366 Mar 02 j 03:39	25°♐46'50	0°16'33	
morning rise	-10366 Mar 11 j 07:48	21°♐43'21		
direct	-10366 Mar 13 j 14:01	21°♐30'51		
morning max el	-10366 Mar 24 j 10:08	26°♐38'26	20°25'23	
	-10366 Mar 27 j 13:15	0°♑		
asc. node	-10366 Apr 11 j 02:44	24°♑28'03		
morning set	-10366 Apr 11 j 23:14	26°♑11'48		
	-10366 Apr 13 j 19:55	0°♒		
superior conj	-10366 Apr 19 j 18:06	12°♒07'52	1°14'16	
minimum elong	-10366 Apr 19 j 15:15	11°♒53'25	1°13'25	
max. Earth dist.	-10366 Apr 24 j 11:45	21°♒31'21	1.36152 AU	
evening rise	-10366 Apr 28 j 17:38	29°♒33'55		
	-10366 Apr 28 j 23:16	0°♓		
	-10366 May 17 j 01:47	0°♈		
desc. node	-10366 May 28 j 01:34	14°♈53'24		
evening max el	-10366 Jun 03 j 11:28	22°♈00'52	26°09'10	
retrograde	-10366 Jun 16 j 01:15	29°♈16'26		
evening set	-10366 Jun 22 j 10:05	26°♈32'12		
min. Earth dist.	-10366 Jun 26 j 12:58	22°♈02'00	0.66200 AU	
inferior conj	-10366 Jun 27 j 21:41	20°♈18'49	-2°47'50	
minimum elong	-10366 Jun 28 j 00:14	20°♈10'44	2°47'04	
morning rise	-10366 Jul 03 j 14:28	14°♈27'09		
direct	-10366 Jul 06 j 21:27	13°♈24'44		
asc. node	-10366 Jul 08 j 03:21	13°♈33'23		
morning max el	-10366 Jul 13 j 21:19	17°♈23'16	19°08'25	
	-10366 Jul 23 j 09:04	0°♉		
morning set	-10366 Aug 05 j 11:02	20°♉30'19		
	-10366 Aug 11 j 11:03	0°♊		
max. Earth dist.	-10366 Aug 20 j 07:29	13°♊59'12	1.44545 AU	

superior conj	-10366 Aug 21 j 16:05	16°♊08'18	0°13'45	
minimum elong	-10366 Aug 21 j 17:51	16°♊15'17	0°14'05	
behind sun begin	-10366 Aug 21 j 12:00	15°♊52'06		
behind sun end	-10366 Aug 21 j 23:42	16°♊38'29		
desc. node	-10366 Aug 23 j 22:53	19°♊45'43		
	-10366 Aug 30 j 08:39	0°♋		
evening rise	-10366 Sep 06 j 02:40	10°♋55'38		
	-10366 Sep 17 j 22:49	0°♌		
evening max el	-10366 Sep 26 j 07:50	11°♌14'04	18°41'17	
retrograde	-10366 Oct 03 j 01:21	15°♌00'05		
asc. node	-10366 Oct 04 j 03:07	14°♌53'36		
evening set	-10366 Oct 06 j 00:32	14°♌10'45		
inferior conj	-10366 Oct 11 j 23:48	8°♌29'34	2°22'23	
minimum elong	-10366 Oct 11 j 20:41	8°♌38'48	2°21'51	
min. Earth dist.	-10366 Oct 13 j 18:14	6°♌23'20	0.64809 AU	
morning rise	-10366 Oct 17 j 16:22	2°♌21'31		
	-10366 Oct 21 j 18:42	30°℞♋		
direct	-10366 Oct 24 j 07:55	29°♋36'39		
	-10366 Oct 27 j 00:07	0°♌		
morning max el	-10366 Nov 06 j 11:32	7°♌07'06	26°59'28	
desc. node	-10366 Nov 19 j 23:05	23°♌34'14		
	-10366 Nov 24 j 08:30	0°♍		
morning set	-10366 Dec 11 j 23:22	0°♎15'52		
	-10366 Dec 11 j 20:04	0°♎		
max. Earth dist.	-10366 Dec 16 j 14:12	9°♎24'30	1.34494 AU	
superior conj	-10366 Dec 20 j 05:51	16°♎56'38	-1°26'15	
minimum elong	-10366 Dec 20 j 07:58	17°♎07'46	1°26'09	
	-10366 Dec 26 j 10:29	0°♏		
evening rise	-10366 Dec 27 j 14:42	2°♏27'20		
asc. node	-10366 Dec 31 j 01:04	9°♏26'10		
	-10365 Jan 12 j 11:06	0°♐		
evening max el	-10365 Jan 17 j 02:45	5°♐08'34	21°38'36	
retrograde	-10365 Jan 29 j 03:01	10°♐50'31		
evening set	-10365 Feb 01 j 00:25	10°♐31'41		
inferior conj	-10365 Feb 10 j 02:29	6°♐29'43	1°31'22	
minimum elong	-10365 Feb 10 j 06:19	6°♐24'15	1°29'40	
min. Earth dist.	-10365 Feb 10 j 07:44	6°♐22'14	0.55409 AU	
desc. node	-10365 Feb 16 j 00:19	3°♐27'10		
morning rise	-10365 Feb 19 j 12:12	2°♐22'21		
direct	-10365 Feb 22 j 04:57	2°♐06'08		
morning max el	-10365 Mar 06 j 15:05	8°♐05'01	21°48'39	
	-10365 Mar 21 j 19:08	0°♑		
morning set	-10365 Mar 27 j 08:23	11°♑01'55		
asc. node	-10365 Mar 28 j 23:42	14°♑26'32		
superior conj	-10365 Apr 03 j 17:30	26°♑30'23	0°52'49	
minimum elong	-10365 Apr 03 j 15:18	26°♑18'54	0°51'54	
	-10365 Apr 05 j 09:55	0°♒		
max. Earth dist.	-10365 Apr 07 j 03:17	3°♒31'45	1.34799 AU	
evening rise	-10365 Apr 11 j 22:32	13°♒02'05		
	-10365 Apr 21 j 07:18	0°♓		
	-10365 May 11 j 23:58	0°♈		
desc. node	-10365 May 14 j 22:56	3°♈18'17		
evening max el	-10365 May 16 j 22:14	5°♈19'03	27°00'07	
retrograde	-10365 May 30 j 03:52	12°♈48'03		
evening set	-10365 Jun 05 j 23:06	10°♈00'24		
min. Earth dist.	-10365 Jun 09 j 18:53	6°♈08'37	0.65127 AU	
inferior conj	-10365 Jun 11 j 17:50	3°♈51'24	-3°16'12	
minimum elong	-10365 Jun 11 j 20:03	3°♈44'53	3°15'52	
	-10365 Jun 15 j 08:06	30°℞♓		
morning rise	-10365 Jun 17 j 17:22	28°♓14'37		
direct	-10365 Jun 20 j 17:41	27°♓24'38		
asc. node	-10365 Jun 25 j 00:12	29°♓00'02		
	-10365 Jun 26 j 06:08	0°♈		
morning max el	-10365 Jun 27 j 07:57	1°♈01'18	18°28'30	
morning set	-10365 Jul 16 j 22:25	0°♉31'14		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10365 Jul 16 j 14:50	0°♉	
superior conj	-10365 Jul 31 j 16:07	24°♉22'32	0°58'19
minimum elong	-10365 Jul 31 j 22:19	24°♉47'10	0°58'05
max. Earth dist.	-10365 Aug 03 j 00:31	28°♉06'23	1.44506 AU
	-10365 Aug 04 j 05:13	0°♊	
desc. node	-10365 Aug 10 j 20:05	10°♊26'18	
evening rise	-10365 Aug 17 j 06:28	20°♊33'06	
	-10365 Aug 23 j 07:02	0°♋	
greatest brilliancy	-10365 Aug 26 j 22:40	5°♋40'47	-0.8m
evening max el	-10365 Sep 09 j 17:24	24°♋42'57	19°24'00
retrograde	-10365 Sep 16 j 21:01	28°♋49'17	
evening set	-10365 Sep 20 j 04:09	27°♋46'12	
asc. node	-10365 Sep 21 j 00:15	27°♋10'25	
inferior conj	-10365 Sep 25 j 20:13	21°♋52'11	1°31'27
minimum elong	-10365 Sep 25 j 18:09	21°♋58'50	1°31'13
min. Earth dist.	-10365 Sep 27 j 02:18	20°♋16'08	0.65862 AU
morning rise	-10365 Oct 01 j 07:49	15°♋36'31	
direct	-10365 Oct 07 j 10:38	13°♋00'05	
morning max el	-10365 Oct 19 j 21:43	20°♋17'42	26°01'38
	-10365 Oct 28 j 08:11	0°♌	
desc. node	-10365 Nov 06 j 19:49	13°♌08'47	
	-10365 Nov 17 j 10:52	0°♍	
morning set	-10365 Nov 24 j 23:19	13°♍16'46	
max. Earth dist.	-10365 Nov 29 j 00:30	20°♍55'35	1.35896 AU
	-10365 Dec 03 j 14:43	0°♎	
superior conj	-10365 Dec 04 j 03:26	1°♎04'11	-1°37'08
minimum elong	-10365 Dec 04 j 04:52	1°♎11'26	1°37'00
evening rise	-10365 Dec 11 j 21:56	17°♎01'21	
asc. node	-10365 Dec 17 j 22:22	28°♎50'11	
	-10365 Dec 18 j 13:36	0°♏	
evening max el	-10365 Dec 30 j 08:27	16°♏36'52	20°18'31
retrograde	-10364 Jan 09 j 19:14	21°♏31'16	
evening set	-10364 Jan 12 j 09:21	21°♏14'29	
inferior conj	-10364 Jan 21 j 01:54	17°♏14'24	3°03'25
minimum elong	-10364 Jan 21 j 07:37	17°♏05'48	3°01'41
min. Earth dist.	-10364 Jan 22 j 21:29	16°♏08'58	0.55901 AU
morning rise	-10364 Jan 30 j 04:07	12°♏46'45	
direct	-10364 Feb 02 j 21:37	12°♏16'06	
desc. node	-10364 Feb 02 j 21:11	12°♏16'06	
morning max el	-10364 Feb 16 j 10:27	18°♏57'59	23°23'45
	-10364 Feb 25 j 11:49	0°♐	
morning set	-10364 Mar 10 j 20:08	26°♐02'50	
	-10364 Mar 12 j 17:06	0°♑	
asc. node	-10364 Mar 14 j 20:43	4°♑35'44	
superior conj	-10364 Mar 17 j 23:02	11°♑13'53	0°29'40
minimum elong	-10364 Mar 17 j 21:47	11°♑07'10	0°28'50
max. Earth dist.	-10364 Mar 20 j 04:31	15°♑57'37	1.33798 AU
evening rise	-10364 Mar 25 j 15:15	27°♑08'06	
	-10364 Mar 27 j 02:11	0°♒	
	-10364 Apr 13 j 14:35	0°♓	
evening max el	-10364 Apr 28 j 08:32	18°♓21'31	27°25'06
desc. node	-10364 Apr 30 j 20:17	20°♓37'45	
retrograde	-10364 May 12 j 01:03	25°♓54'53	
evening set	-10364 May 19 j 00:47	23°♓16'32	
min. Earth dist.	-10364 May 22 j 16:25	19°♓57'36	0.63658 AU
inferior conj	-10364 May 25 j 05:57	17°♓14'35	-3°33'40
minimum elong	-10364 May 25 j 07:10	17°♓11'21	3°33'46
morning rise	-10364 May 31 j 14:24	11°♓54'59	
direct	-10364 Jun 03 j 09:34	11°♓15'27	
morning max el	-10364 Jun 09 j 21:29	14°♓40'09	18°06'03
asc. node	-10364 Jun 10 j 21:02	15°♓42'08	
	-10364 Jun 20 j 14:59	0°♈	
morning set	-10364 Jun 27 j 11:09	11°♈42'56	
	-10364 Jul 08 j 06:08	0°♉	
superior conj	-10364 Jul 10 j 07:10	3°♉22'01	1°30'48
minimum elong	-10364 Jul 10 j 12:51	3°♉45'21	1°30'39
max. Earth dist.	-10364 Jul 15 j 15:07	12°♉00'55	1.43780 AU
evening rise	-10364 Jul 26 j 12:03	29°♉08'58	
	-10364 Jul 27 j 01:13	0°♊	
desc. node	-10364 Jul 27 j 17:22	1°♊02'31	
	-10364 Aug 16 j 04:42	0°♋	
evening max el	-10364 Aug 22 j 21:30	8°♋09'46	20°22'00
retrograde	-10364 Aug 30 j 17:49	12°♋44'52	
evening set	-10364 Sep 03 j 11:13	11°♋24'51	
asc. node	-10364 Sep 06 j 21:22	7°♋59'09	
inferior conj	-10364 Sep 08 j 21:54	5°♋21'16	0°39'05
minimum elong	-10364 Sep 08 j 21:00	5°♋24'16	0°39'19
min. Earth dist.	-10364 Sep 09 j 16:44	4°♋18'09	0.66617 AU
	-10364 Sep 13 j 05:55	30°℞♊	
morning rise	-10364 Sep 14 j 06:34	29°♊01'43	
direct	-10364 Sep 19 j 19:03	26°♊40'14	
	-10364 Sep 27 j 09:24	0°♋	
morning max el	-10364 Oct 01 j 07:15	3°♋31'54	24°46'17
	-10364 Oct 21 j 15:02	0°♌	
desc. node	-10364 Oct 23 j 16:35	3°♌07'59	
morning set	-10364 Nov 06 j 04:15	25°♌16'26	
	-10364 Nov 08 j 19:59	0°♍	
max. Earth dist.	-10364 Nov 10 j 01:17	2°♍13'01	1.37675 AU
superior conj	-10364 Nov 16 j 14:51	14°♍36'04	-1°41'40
minimum elong	-10364 Nov 16 j 14:53	14°♍36'15	1°41'27
	-10364 Nov 24 j 09:12	0°♎	
evening rise	-10364 Nov 25 j 00:06	1°♎14'19	
asc. node	-10364 Dec 03 j 19:40	17°♎43'59	
evening max el	-10364 Dec 12 j 00:28	28°♎39'29	19°16'08
	-10364 Dec 13 j 13:29	0°♏	
retrograde	-10364 Dec 20 j 22:58	2°♏54'04	
evening set	-10364 Dec 23 j 11:15	2°♏35'28	
	-10364 Dec 29 j 03:39	30°℞♎	
inferior conj	-10364 Dec 31 j 14:38	28°♎23'20	3°58'59
minimum elong	-10364 Dec 31 j 18:09	28°♎17'22	3°58'20
min. Earth dist.	-10363 Jan 03 j 11:36	26°♎27'07	0.57143 AU
morning rise	-10363 Jan 08 j 22:48	23°♎30'29	
direct	-10363 Jan 14 j 00:57	22°♎30'32	
desc. node	-10363 Jan 19 j 18:00	23°♎46'05	
morning max el	-10363 Jan 28 j 01:14	29°♎38'16	24°59'31
	-10363 Jan 28 j 10:13	0°♏	
	-10363 Feb 17 j 20:02	0°♐	
morning set	-10363 Feb 23 j 08:39	11°♐08'02	
asc. node	-10363 Mar 01 j 17:49	24°♐51'15	
superior conj	-10363 Mar 02 j 08:28	26°♐10'47	0°05'59
minimum elong	-10363 Mar 02 j 08:14	26°♐09'32	0°05'20
behind sun begin	-10363 Mar 02 j 03:27	25°♐43'32	
behind sun end	-10363 Mar 02 j 13:02	26°♐35'32	
max. Earth dist.	-10363 Mar 03 j 13:20	28°♐46'57	1.33141 AU
	-10363 Mar 04 j 02:53	0°♑	
evening rise	-10363 Mar 09 j 16:12	11°♑40'28	
	-10363 Mar 19 j 08:09	0°♒	
	-10363 Apr 09 j 17:11	0°♓	
evening max el	-10363 Apr 10 j 16:24	0°♓57'21	27°18'56
desc. node	-10363 Apr 17 j 17:35	6°♓25'25	
retrograde	-10363 Apr 24 j 15:41	8°♓28'22	
evening set	-10363 May 01 j 11:41	6°♓13'02	
min. Earth dist.	-10363 May 05 j 04:57	3°♓16'15	0.61857 AU
inferior conj	-10363 May 08 j 06:57	0°♓22'15	-3°36'08
minimum elong	-10363 May 08 j 06:27	0°♓23'27	3°36'27
	-10363 May 08 j 16:23	30°℞♒	
morning rise	-10363 May 15 j 02:48	25°♒21'37	
direct	-10363 May 17 j 17:51	24°♒50'55	
morning max el	-10363 May 24 j 11:22	28°♒14'16	18°01'56

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10363 May 26 j 02:49	0°♓	
asc. node	-10363 May 28 j 17:52	3°♓24'14	
morning set	-10363 Jun 09 j 21:42	23°♓58'06	
	-10363 Jun 13 j 06:06	0°♈	
superior conj	-10363 Jun 21 j 00:39	13°♈39'59	1°47'05
minimum elong	-10363 Jun 21 j 02:53	13°♈49'35	1°47'06
max. Earth dist.	-10363 Jun 28 j 01:09	25°♈28'05	1.42473 AU
	-10363 Jun 30 j 19:50	0°♉	
evening rise	-10363 Jul 05 j 14:05	7°♉36'02	
desc. node	-10363 Jul 14 j 14:44	21°♉31'11	
	-10363 Jul 20 j 07:41	0°♊	
evening max el	-10363 Aug 05 j 18:55	21°♊33'51	21°32'41
retrograde	-10363 Aug 14 j 13:49	26°♊45'13	
evening set	-10363 Aug 18 j 19:39	25°♊05'26	
inferior conj	-10363 Aug 24 j 02:48	18°♊55'13	-0°12'34
minimum elong	-10363 Aug 24 j 03:04	18°♊54'19	0°11'53
transit middle	-10363 Aug 24 j 03:04	18°♊54'19	0°11'53
transit begin	-10363 Aug 24 j 01:12	19°♊00'44	
transit end	-10363 Aug 24 j 04:56	18°♊47'54	
min. Earth dist.	-10363 Aug 24 j 11:05	18°♊26'45	0.67084 AU
asc. node	-10363 Aug 24 j 18:25	18°♊01'35	
morning rise	-10363 Aug 29 j 10:19	12°♊35'39	
direct	-10363 Sep 03 j 08:27	10°♊32'28	
morning max el	-10363 Sep 13 j 17:25	16°♊46'29	23°22'40
	-10363 Sep 24 j 14:25	0°♋	
desc. node	-10363 Oct 10 j 13:25	23°♋24'49	
	-10363 Oct 14 j 16:42	0°♌	
morning set	-10363 Oct 18 j 08:43	6°♌01'32	
max. Earth dist.	-10363 Oct 22 j 23:05	13°♌50'48	1.39666 AU
superior conj	-10363 Oct 30 j 11:51	27°♌20'50	-1°37'37
minimum elong	-10363 Oct 30 j 09:51	27°♌11'37	1°37'09
	-10363 Oct 31 j 22:05	0°♍	
evening rise	-10363 Nov 08 j 18:48	15°♍00'21	
	-10363 Nov 16 j 21:40	0°♎	
asc. node	-10363 Nov 20 j 17:00	5°♎57'50	
evening max el	-10363 Nov 25 j 01:48	11°♎13'11	18°33'38
retrograde	-10363 Dec 02 j 20:23	15°♎01'24	
evening set	-10363 Dec 05 j 08:29	14°♎39'06	
inferior conj	-10363 Dec 12 j 22:20	10°♎06'53	4°16'08
minimum elong	-10363 Dec 12 j 22:15	10°♎07'04	4°16'06
min. Earth dist.	-10363 Dec 16 j 04:09	7°♎35'44	0.58860 AU
morning rise	-10363 Dec 20 j 10:12	4°♎51'50	
direct	-10363 Dec 26 j 16:06	3°♎13'55	
desc. node	-10362 Jan 06 j 14:45	7°♎48'56	
morning max el	-10362 Jan 09 j 17:58	10°♎33'36	26°21'11
	-10362 Jan 24 j 17:57	0°♏	
morning set	-10362 Feb 07 j 20:09	26°♏10'28	
	-10362 Feb 09 j 15:35	0°♐	
superior conj	-10362 Feb 14 j 19:54	11°♐13'52	-0°17'26
minimum elong	-10362 Feb 14 j 20:39	11°♐17'55	0°17'50
max. Earth dist.	-10362 Feb 15 j 02:19	11°♐48'54	1.32812 AU
asc. node	-10362 Feb 16 j 14:56	15°♐08'29	
evening rise	-10362 Feb 21 j 22:37	26°♐29'08	
	-10362 Feb 23 j 15:46	0°♑	
	-10362 Mar 13 j 00:32	0°♒	
evening max el	-10362 Mar 23 j 19:31	12°♒56'45	26°39'57
desc. node	-10362 Apr 04 j 14:49	20°♒07'08	
retrograde	-10362 Apr 06 j 22:05	20°♒20'36	
evening set	-10362 Apr 13 j 04:29	18°♒38'27	
min. Earth dist.	-10362 Apr 17 j 08:48	15°♒49'44	0.59874 AU
inferior conj	-10362 Apr 20 j 17:12	13°♒05'09	-3°17'42
minimum elong	-10362 Apr 20 j 14:36	13°♒10'32	3°17'51
morning rise	-10362 Apr 28 j 03:11	8°♒24'40	
direct	-10362 Apr 30 j 14:35	8°♒01'28	
morning max el	-10362 May 07 j 22:50	11°♒35'30	18°16'48
asc. node	-10362 May 15 j 14:42	21°♒52'11	
	-10362 May 20 j 05:56	0°♓	
morning set	-10362 May 24 j 01:00	7°♓04'08	
superior conj	-10362 Jun 02 j 20:00	25°♓15'29	1°49'08
minimum elong	-10362 Jun 02 j 19:08	25°♓11'30	1°49'00
	-10362 Jun 05 j 11:36	0°♈	
max. Earth dist.	-10362 Jun 10 j 05:45	8°♈16'03	1.40757 AU
evening rise	-10362 Jun 15 j 09:52	16°♈54'39	
	-10362 Jun 23 j 15:31	0°♉	
desc. node	-10362 Jul 01 j 12:09	11°♉47'14	
	-10362 Jul 14 j 23:53	0°♊	
evening max el	-10362 Jul 19 j 10:00	4°♊55'07	22°52'05
retrograde	-10362 Jul 29 j 07:37	10°♊47'24	
evening set	-10362 Aug 03 j 03:32	8°♊46'20	
inferior conj	-10362 Aug 08 j 09:04	2°♊32'05	-1°01'52
minimum elong	-10362 Aug 08 j 10:21	2°♊27'41	1°00'53
min. Earth dist.	-10362 Aug 08 j 06:52	2°♊39'41	0.67254 AU
	-10362 Aug 10 j 06:02	30°℞♉	
asc. node	-10362 Aug 11 j 15:22	28°♉17'56	
morning rise	-10362 Aug 13 j 17:04	26°♉16'11	
direct	-10362 Aug 18 j 01:51	24°♉32'05	
	-10362 Aug 27 j 05:42	0°♊	
morning max el	-10362 Aug 27 j 07:04	0°♊03'30	21°59'24
	-10362 Sep 18 j 10:42	0°♋	
desc. node	-10362 Sep 27 j 10:21	13°♋53'57	
morning set	-10362 Sep 28 j 10:25	15°♋29'39	
max. Earth dist.	-10362 Oct 05 j 01:06	26°♋15'50	1.41596 AU
	-10362 Oct 07 j 06:34	0°♌	
superior conj	-10362 Oct 12 j 13:01	9°♌04'18	-1°22'27
minimum elong	-10362 Oct 12 j 08:56	8°♌46'26	1°21'37
evening rise	-10362 Oct 23 j 02:49	28°♌12'21	
	-10362 Oct 24 j 02:11	0°♍	
asc. node	-10362 Nov 07 j 14:17	23°♍19'35	
evening max el	-10362 Nov 08 j 10:04	24°♍11'04	18°11'17
retrograde	-10362 Nov 15 j 10:54	27°♍46'00	
evening set	-10362 Nov 17 j 23:41	27°♍18'49	
inferior conj	-10362 Nov 25 j 00:57	22°♍24'39	4°04'00
minimum elong	-10362 Nov 24 j 22:17	22°♍30'39	4°03'50
min. Earth dist.	-10362 Nov 28 j 02:49	19°♍39'10	0.60732 AU
morning rise	-10362 Dec 01 j 19:34	16°♍50'44	
direct	-10362 Dec 08 j 17:17	14°♍38'06	
morning max el	-10362 Dec 22 j 16:56	22°♍05'04	27°15'36
desc. node	-10362 Dec 24 j 11:27	23°♍51'58	
	-10362 Dec 29 j 18:25	0°♎	
	-10361 Jan 17 j 15:11	0°♏	
morning set	-10361 Jan 23 j 04:47	11°♏03'29	
max. Earth dist.	-10361 Jan 29 j 15:46	24°♏50'23	1.32807 AU
superior conj	-10361 Jan 30 j 07:41	26°♏17'08	-0°39'44
minimum elong	-10361 Jan 30 j 09:14	26°♏25'35	0°39'54
	-10361 Feb 01 j 00:31	0°♐	
asc. node	-10361 Feb 03 j 12:07	5°♐23'27	
evening rise	-10361 Feb 06 j 08:21	11°♐26'25	
	-10361 Feb 15 j 22:42	0°♑	
evening max el	-10361 Mar 05 j 16:49	24°♑18'34	25°31'53
	-10361 Mar 13 j 13:29	0°♒	
retrograde	-10361 Mar 19 j 18:25	1°♒29'51	
desc. node	-10361 Mar 22 j 11:55	1°♒11'57	
evening set	-10361 Mar 25 j 01:54	0°♒22'54	
	-10361 Mar 25 j 22:39	30°℞♑	
min. Earth dist.	-10361 Mar 30 j 05:52	27°♑27'54	0.57951 AU
inferior conj	-10361 Apr 02 j 09:13	25°♑14'39	-2°31'35
minimum elong	-10361 Apr 02 j 05:14	25°♑21'44	2°31'14
morning rise	-10361 Apr 10 j 11:46	20°♑53'50	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10361 Apr 12 j 19:27	20°♉36'50	
morning max el	-10361 Apr 21 j 05:05	24°♉35'43	18°51'13
	-10361 Apr 25 j 19:14	0°♒	
asc. node	-10361 May 02 j 11:33	10°♒55'35	
morning set	-10361 May 07 j 16:44	20°♒50'32	
	-10361 May 12 j 09:15	0°♓	
superior conj	-10361 May 16 j 12:10	7°♓55'37	1°40'43
minimum elong	-10361 May 16 j 09:37	7°♓43'28	1°40'16
max. Earth dist.	-10361 May 23 j 06:27	20°♓23'15	1.38874 AU
evening rise	-10361 May 27 j 08:48	27°♓34'03	
	-10361 May 28 j 19:00	0°♈	
	-10361 Jun 17 j 03:32	0°♉	
desc. node	-10361 Jun 18 j 09:34	1°♉44'42	
evening max el	-10361 Jul 01 j 20:48	18°♉15'42	24°14'05
retrograde	-10361 Jul 12 j 22:08	24°♉47'53	
evening set	-10361 Jul 18 j 08:57	22°♉26'19	
min. Earth dist.	-10361 Jul 23 j 01:45	16°♉55'15	0.67112 AU
inferior conj	-10361 Jul 23 j 14:57	16°♉10'27	-1°47'24
minimum elong	-10361 Jul 23 j 17:00	16°♉03'28	1°46'19
morning rise	-10361 Jul 29 j 01:02	10°♉01'31	
asc. node	-10361 Jul 29 j 12:16	9°♉41'52	
direct	-10361 Aug 01 j 22:09	8°♉35'24	
morning max el	-10361 Aug 10 j 02:34	13°♉26'01	20°43'10
	-10361 Aug 22 j 18:57	0°♊	
morning set	-10361 Sep 07 j 16:09	24°♊03'45	
	-10361 Sep 11 j 11:06	0°♋	
desc. node	-10361 Sep 14 j 07:22	4°♋30'39	
max. Earth dist.	-10361 Sep 17 j 09:29	9°♋28'09	1.43190 AU
superior conj	-10361 Sep 23 j 12:34	19°♋31'25	-0°54'04
minimum elong	-10361 Sep 23 j 07:59	19°♋12'18	0°52'58
	-10361 Sep 29 j 17:01	0°♌	
evening rise	-10361 Oct 05 j 19:55	10°♌39'48	
	-10361 Oct 17 j 05:16	0°♍	
evening max el	-10361 Oct 22 j 22:21	7°♍25'00	18°08'27
asc. node	-10361 Oct 25 j 11:32	9°♍33'49	
retrograde	-10361 Oct 29 j 14:27	10°♍57'16	
evening set	-10361 Nov 01 j 05:32	10°♍23'34	
inferior conj	-10361 Nov 07 j 19:31	5°♍09'02	3°32'45
minimum elong	-10361 Nov 07 j 15:50	5°♍18'26	3°32'16
min. Earth dist.	-10361 Nov 10 j 10:39	2°♍28'24	0.62515 AU
	-10361 Nov 13 j 04:03	30°℞♌	
morning rise	-10361 Nov 14 j 01:11	29°♌19'16	
direct	-10361 Nov 21 j 03:02	26°♌43'10	
	-10361 Nov 29 j 20:11	0°♍	
morning max el	-10361 Dec 04 j 22:02	4°♍15'57	27°35'45
desc. node	-10361 Dec 11 j 08:08	11°♍21'49	
	-10361 Dec 24 j 07:48	0°♎	
morning set	-10360 Jan 07 j 08:19	25°♎38'02	
	-10360 Jan 09 j 11:24	0°♏	
max. Earth dist.	-10360 Jan 13 j 01:39	7°♏35'48	1.33147 AU
superior conj	-10360 Jan 14 j 18:05	11°♏13'29	-1°00'09
minimum elong	-10360 Jan 14 j 20:11	11°♏24'47	1°00'09
asc. node	-10360 Jan 21 j 09:21	25°♏30'51	
evening rise	-10360 Jan 21 j 19:31	26°♏24'24	
	-10360 Jan 23 j 13:02	0°♐	
	-10360 Feb 10 j 14:21	0°♑	
evening max el	-10360 Feb 15 j 10:06	5°♑13'36	24°04'21
retrograde	-10360 Feb 29 j 03:02	12°♑01'30	
evening set	-10360 Mar 04 j 07:07	11°♑22'45	
desc. node	-10360 Mar 08 j 08:56	9°♑38'34	
min. Earth dist.	-10360 Mar 10 j 23:04	8°♑09'02	0.56393 AU
inferior conj	-10360 Mar 13 j 05:18	6°♑44'43	-1°13'35
minimum elong	-10360 Mar 13 j 02:28	6°♑49'07	1°13'19
morning rise	-10360 Mar 22 j 00:46	2°♑38'45	
direct	-10360 Mar 24 j 05:49	2°♑25'48	
morning max el	-10360 Apr 03 j 03:10	7°♑04'56	19°45'32
asc. node	-10360 Apr 18 j 08:27	0°♒25'37	
	-10360 Apr 18 j 03:13	0°♒	
morning set	-10360 Apr 20 j 17:22	5°♒07'55	
superior conj	-10360 Apr 28 j 19:45	21°♒25'16	1°25'17
minimum elong	-10360 Apr 28 j 16:45	21°♒10'25	1°24'33
	-10360 May 03 j 05:42	0°♓	
max. Earth dist.	-10360 May 04 j 08:19	2°♓05'56	1.37069 AU
evening rise	-10360 May 08 j 09:05	9°♓31'39	
	-10360 May 20 j 12:20	0°♈	
desc. node	-10360 Jun 04 j 06:56	21°♈15'48	
	-10360 Jun 11 j 16:06	0°♉	
evening max el	-10360 Jun 13 j 06:23	1°♉38'19	25°30'51
retrograde	-10360 Jun 25 j 08:39	8°♉42'14	
evening set	-10360 Jul 01 j 09:53	6°♉04'12	
min. Earth dist.	-10360 Jul 05 j 17:27	1°♉11'22	0.66632 AU
inferior conj	-10360 Jul 06 j 18:41	29°♈49'02	-2°27'41
minimum elong	-10360 Jul 06 j 21:11	29°♈40'52	2°26'45
	-10360 Jul 06 j 15:20	30°℞♈	
morning rise	-10360 Jul 12 j 08:31	23°♈50'10	
asc. node	-10360 Jul 15 j 09:08	22°♈41'04	
direct	-10360 Jul 15 j 19:59	22°♈39'54	
morning max el	-10360 Jul 23 j 04:40	26°♈55'33	19°38'47
	-10360 Jul 25 j 21:39	0°♉	
	-10360 Aug 15 j 04:14	0°♊	
morning set	-10360 Aug 16 j 20:08	2°♊35'49	
max. Earth dist.	-10360 Aug 29 j 22:59	23°♊14'16	1.44237 AU
desc. node	-10360 Aug 31 j 04:27	25°♊11'30	
superior conj	-10360 Sep 02 j 08:35	28°♊39'47	-0°13'09
minimum elong	-10360 Sep 02 j 07:07	28°♊33'54	0°12'23
behind sun begin	-10360 Sep 01 j 23:51	28°♊04'49	
behind sun end	-10360 Sep 02 j 14:23	29°♊03'01	
	-10360 Sep 03 j 04:35	0°♋	
evening rise	-10360 Sep 16 j 16:48	22°♋10'08	
	-10360 Sep 21 j 09:04	0°♌	
evening max el	-10360 Oct 05 j 11:49	20°♌49'07	18°24'14
asc. node	-10360 Oct 11 j 08:44	24°♌24'38	
retrograde	-10360 Oct 12 j 02:52	24°♌27'43	
evening set	-10360 Oct 14 j 22:23	23°♌45'03	
inferior conj	-10360 Oct 21 j 02:35	18°♌12'55	2°50'04
minimum elong	-10360 Oct 20 j 23:04	18°♌22'53	2°49'27
min. Earth dist.	-10360 Oct 23 j 04:43	15°♌51'14	0.64061 AU
morning rise	-10360 Oct 26 j 23:04	12°♌10'32	
direct	-10360 Nov 02 j 20:13	9°♌24'51	
morning max el	-10360 Nov 16 j 06:53	16°♌58'53	27°21'24
desc. node	-10360 Nov 27 j 04:52	29°♌53'43	
	-10360 Nov 27 j 06:43	0°♍	
	-10360 Dec 16 j 00:59	0°♎	
morning set	-10360 Dec 21 j 04:03	9°♎45'14	
max. Earth dist.	-10360 Dec 26 j 04:15	19°♎53'48	1.33879 AU
superior conj	-10360 Dec 29 j 01:19	25°♎56'51	-1°17'47
minimum elong	-10360 Dec 29 j 03:35	26°♎08'49	1°17'42
	-10360 Dec 30 j 22:58	0°♏	
evening rise	-10359 Jan 05 j 06:30	11°♏17'32	
asc. node	-10359 Jan 07 j 06:36	15°♏25'58	
	-10359 Jan 15 j 00:49	0°♐	
evening max el	-10359 Jan 27 j 04:22	16°♐05'24	22°30'27
retrograde	-10359 Feb 08 j 23:34	22°♐14'18	
evening set	-10359 Feb 12 j 04:54	21°♐51'33	
min. Earth dist.	-10359 Feb 20 j 14:28	18°♐06'52	0.55519 AU
inferior conj	-10359 Feb 21 j 08:47	17°♐40'33	0°29'27
minimum elong	-10359 Feb 21 j 10:02	17°♐38'44	0°28'30
desc. node	-10359 Feb 23 j 05:55	16°♐36'29	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10359 Mar 02 j 16:20	13°♐37'45	
direct	-10359 Mar 05 j 01:09	13°♐24'40	
morning max el	-10359 Mar 16 j 14:38	18°♐54'57	20°58'57
	-10359 Mar 25 j 07:59	0°♑	
morning set	-10359 Apr 05 j 00:04	19°♑47'51	
asc. node	-10359 Apr 05 j 05:23	20°♑15'10	
	-10359 Apr 09 j 22:12	0°♒	
superior conj	-10359 Apr 12 j 14:20	5°♒31'13	1°05'28
minimum elong	-10359 Apr 12 j 11:42	5°♒17'43	1°04'34
max. Earth dist.	-10359 Apr 16 j 17:47	13°♒52'57	1.35528 AU
evening rise	-10359 Apr 21 j 05:09	22°♒31'33	
	-10359 Apr 25 j 06:50	0°♓	
	-10359 May 14 j 05:01	0°♈	
desc. node	-10359 May 22 j 04:18	10°♈09'12	
evening max el	-10359 May 26 j 16:49	15°♈00'45	26°33'43
retrograde	-10359 Jun 08 j 14:25	22°♈23'55	
evening set	-10359 Jun 15 j 04:02	19°♈37'00	
min. Earth dist.	-10359 Jun 19 j 03:39	15°♈23'16	0.65784 AU
inferior conj	-10359 Jun 20 j 18:16	13°♈24'57	-3°01'03
minimum elong	-10359 Jun 20 j 20:45	13°♈17'18	3°00'27
morning rise	-10359 Jun 26 j 13:40	7°♈39'05	
direct	-10359 Jun 29 j 17:31	6°♈42'17	
asc. node	-10359 Jul 02 j 05:59	7°♈16'51	
morning max el	-10359 Jul 06 j 12:36	10°♈30'46	18°49'19
	-10359 Jul 20 j 06:48	0°♉	
morning set	-10359 Jul 27 j 17:14	11°♉56'31	
	-10359 Aug 08 j 00:42	0°♊	
superior conj	-10359 Aug 12 j 09:59	6°♊56'38	0°33'32
minimum elong	-10359 Aug 12 j 14:05	7°♊12'50	0°33'32
max. Earth dist.	-10359 Aug 12 j 15:23	7°♊18'01	1.44616 AU
desc. node	-10359 Aug 18 j 01:36	15°♊52'53	
	-10359 Aug 26 j 22:41	0°♋	
evening rise	-10359 Aug 28 j 12:07	2°♋29'39	
	-10359 Sep 15 j 08:42	0°♌	
evening max el	-10359 Sep 18 j 23:38	4°♌17'36	18°57'32
retrograde	-10359 Sep 25 j 20:37	8°♌10'59	
asc. node	-10359 Sep 28 j 05:55	7°♌38'21	
evening set	-10359 Sep 28 j 22:53	7°♌16'16	
inferior conj	-10359 Oct 04 j 18:55	1°♌29'32	2°01'05
minimum elong	-10359 Oct 04 j 16:13	1°♌37'50	2°00'39
	-10359 Oct 05 j 24:00	30°℞♋	
min. Earth dist.	-10359 Oct 06 j 08:04	29°♋35'27	0.65302 AU
morning rise	-10359 Oct 10 j 09:06	25°♋17'53	
direct	-10359 Oct 16 j 19:44	22°♋35'15	
morning max el	-10359 Oct 29 j 16:53	0°♌01'43	26°37'23
	-10359 Oct 29 j 16:11	0°♌	
desc. node	-10359 Nov 14 j 01:37	19°♌09'11	
	-10359 Nov 21 j 04:41	0°♍	
morning set	-10359 Dec 04 j 12:29	23°♍13'54	
	-10359 Dec 08 j 00:31	0°♎	
max. Earth dist.	-10359 Dec 08 j 20:37	1°♎39'31	1.35038 AU
superior conj	-10359 Dec 13 j 03:13	10°♎20'09	-1°31'32
minimum elong	-10359 Dec 13 j 05:08	10°♎30'01	1°31'26
evening rise	-10359 Dec 20 j 15:37	26°♎00'16	
	-10359 Dec 22 j 14:32	0°♏	
asc. node	-10359 Dec 25 j 03:54	5°♏03'22	
evening max el	-10358 Jan 09 j 05:00	27°♏16'57	21°02'41
	-10358 Jan 12 j 14:27	0°♐	
retrograde	-10358 Jan 20 j 13:34	2°♐37'37	
evening set	-10358 Jan 23 j 06:57	2°♐20'21	
	-10358 Jan 29 j 07:29	30°℞♏	
inferior conj	-10358 Feb 01 j 05:49	28°♏21'44	2°14'01
minimum elong	-10358 Feb 01 j 10:59	28°♏14'18	2°12'03
min. Earth dist.	-10358 Feb 02 j 04:37	27°♏48'56	0.55514 AU
desc. node	-10358 Feb 10 j 02:51	24°♏13'36	
morning rise	-10358 Feb 10 j 14:00	24°♏06'58	
direct	-10358 Feb 13 j 15:55	23°♏46'04	
morning max el	-10358 Feb 26 j 15:01	0°♐05'22	22°28'11
	-10358 Feb 26 j 12:45	0°♐	
	-10358 Mar 18 j 03:15	0°♑	
morning set	-10358 Mar 20 j 10:35	4°♑43'36	
asc. node	-10358 Mar 23 j 02:23	10°♑18'56	
superior conj	-10358 Mar 27 j 16:39	20°♑03'45	0°43'08
minimum elong	-10358 Mar 27 j 14:50	19°♑54'09	0°42'14
max. Earth dist.	-10358 Mar 30 j 13:47	26°♑04'54	1.34331 AU
	-10358 Apr 01 j 11:43	0°♒	
evening rise	-10358 Apr 04 j 15:40	6°♒17'58	
	-10358 Apr 17 j 22:20	0°♓	
evening max el	-10358 May 09 j 03:54	28°♓14'49	27°14'25
desc. node	-10358 May 09 j 01:39	28°♓09'21	
	-10358 May 11 j 01:04	0°♈	
retrograde	-10358 May 22 j 14:43	5°♈46'00	
evening set	-10358 May 29 j 12:38	3°♈01'00	
	-10358 Jun 01 j 17:00	30°℞♓	
min. Earth dist.	-10358 Jun 02 j 06:19	29°♓23'53	0.64548 AU
inferior conj	-10358 Jun 04 j 11:22	26°♓54'41	-3°25'12
minimum elong	-10358 Jun 04 j 13:16	26°♓49'22	3°25'03
morning rise	-10358 Jun 10 j 14:23	21°♓24'38	
direct	-10358 Jun 13 j 12:25	20°♓39'10	
asc. node	-10358 Jun 19 j 02:49	23°♓17'33	
morning max el	-10358 Jun 20 j 00:41	24°♓09'30	18°16'44
	-10358 Jun 24 j 18:12	0°♈	
morning set	-10358 Jul 08 j 15:43	22°♈28'32	
	-10358 Jul 13 j 03:54	0°♉	
superior conj	-10358 Jul 22 j 14:03	15°♉23'19	1°14'00
minimum elong	-10358 Jul 22 j 20:39	15°♉49'49	1°13'45
max. Earth dist.	-10358 Jul 26 j 07:59	21°♉22'52	1.44286 AU
	-10358 Jul 31 j 18:47	0°♊	
desc. node	-10358 Aug 04 j 22:49	6°♊32'02	
evening rise	-10358 Aug 08 j 05:07	11°♊37'26	
greatest brilliancy	-10358 Aug 20 j 05:02	0°♋06'27	-0.7m
	-10358 Aug 20 j 03:19	0°♋	
evening max el	-10358 Sep 02 j 07:12	17°♋46'23	19°46'57
retrograde	-10358 Sep 09 j 16:56	22°♋03'24	
evening set	-10358 Sep 13 j 04:17	20°♋53'21	
asc. node	-10358 Sep 15 j 03:03	19°♋14'40	
inferior conj	-10358 Sep 18 j 17:51	14°♋54'59	1°09'14
minimum elong	-10358 Sep 18 j 16:16	15°♋00'09	1°09'12
min. Earth dist.	-10358 Sep 19 j 19:00	13°♋32'52	0.66229 AU
morning rise	-10358 Sep 24 j 03:59	8°♋37'30	
direct	-10358 Sep 30 j 00:55	6°♋06'51	
morning max el	-10358 Oct 12 j 02:38	13°♋14'07	25°31'06
	-10358 Oct 25 j 18:51	0°♌	
desc. node	-10358 Oct 31 j 22:21	8°♌55'20	
	-10358 Nov 13 j 22:06	0°♍	
morning set	-10358 Nov 17 j 05:01	5°♍50'19	
max. Earth dist.	-10358 Nov 21 j 02:28	13°♍01'57	1.36618 AU
superior conj	-10358 Nov 26 j 20:58	24°♍14'04	-1°39'57
minimum elong	-10358 Nov 26 j 21:53	24°♍18'41	1°39'49
	-10358 Nov 29 j 17:47	0°♎	
evening rise	-10358 Dec 04 j 21:00	10°♎26'22	
asc. node	-10358 Dec 12 j 01:14	24°♎15'46	
	-10358 Dec 15 j 11:41	0°♏	
evening max el	-10358 Dec 22 j 15:05	8°♏59'48	19°49'35
retrograde	-10357 Jan 01 j 09:25	13°♏35'42	
evening set	-10357 Jan 03 j 22:38	13°♏18'17	
inferior conj	-10357 Jan 12 j 09:44	9°♏14'16	3°31'59
minimum elong	-10357 Jan 12 j 14:54	9°♏06'08	3°30'40

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10357 Jan 14 j 18:01	7°♏46'07	0.56355 AU
morning rise	-10357 Jan 21 j 05:09	4°♏36'21	
direct	-10357 Jan 25 j 12:29	3°♏55'01	
desc. node	-10357 Jan 27 j 23:43	4°♏08'57	
morning max el	-10357 Feb 08 j 07:29	10°♏49'10	24°05'18
	-10357 Feb 22 j 15:04	0°♐	
morning set	-10357 Mar 04 j 22:53	19°♐47'21	
asc. node	-10357 Mar 09 j 23:27	0°♑31'23	
	-10357 Mar 09 j 17:38	0°♑	
superior conj	-10357 Mar 12 j 00:06	4°♑53'41	0°19'38
minimum elong	-10357 Mar 11 j 23:16	4°♑49'16	0°18'52
max. Earth dist.	-10357 Mar 13 j 18:53	8°♑42'53	1.33481 AU
evening rise	-10357 Mar 19 j 12:16	20°♑36'26	
	-10357 Mar 24 j 08:10	0°♒	
	-10357 Apr 11 j 23:53	0°♓	
evening max el	-10357 Apr 21 j 13:32	11°♓07'18	27°26'27
desc. node	-10357 Apr 25 j 22:59	14°♓53'32	
retrograde	-10357 May 05 j 08:56	18°♓39'32	
evening set	-10357 May 12 j 08:25	16°♓09'23	
min. Earth dist.	-10357 May 15 j 23:53	13°♓01'37	0.62931 AU
inferior conj	-10357 May 18 j 19:10	10°♓11'56	-3°36'53
minimum elong	-10357 May 18 j 19:44	10°♓10'30	3°37'07
morning rise	-10357 May 25 j 08:08	5°♓00'13	
direct	-10357 May 28 j 01:36	4°♓24'28	
morning max el	-10357 Jun 03 j 14:39	7°♓46'51	18°02'04
asc. node	-10357 Jun 05 j 23:39	10°♓26'43	
	-10357 Jun 18 j 05:42	0°♈	
morning set	-10357 Jun 20 j 14:19	4°♈08'46	
superior conj	-10357 Jul 02 j 15:48	24°♈54'29	1°39'41
minimum elong	-10357 Jul 02 j 20:09	25°♈12'39	1°39'37
	-10357 Jul 05 j 17:30	0°♉	
max. Earth dist.	-10357 Jul 08 j 21:28	5°♉09'52	1.43288 AU
evening rise	-10357 Jul 18 j 06:25	20°♉02'08	
desc. node	-10357 Jul 22 j 20:07	27°♉05'44	
	-10357 Jul 24 j 17:46	0°♊	
	-10357 Aug 15 j 05:12	0°♋	
evening max el	-10357 Aug 16 j 08:34	1°♋12'34	20°50'39
retrograde	-10357 Aug 24 j 13:41	6°♋02'09	
evening set	-10357 Aug 28 j 12:13	4°♋33'47	
	-10357 Sep 01 j 17:27	30°℞♊	
asc. node	-10357 Sep 02 j 00:06	29°♊37'54	
inferior conj	-10357 Sep 02 j 21:09	28°♊26'51	0°16'59
minimum elong	-10357 Sep 02 j 20:45	28°♊28'12	0°17'25
min. Earth dist.	-10357 Sep 03 j 11:20	27°♊38'38	0.66850 AU
morning rise	-10357 Sep 08 j 05:08	22°♊07'00	
direct	-10357 Sep 13 j 11:22	19°♊53'22	
morning max el	-10357 Sep 24 j 12:22	26°♊29'47	24°11'19
	-10357 Sep 27 j 18:03	0°♋	
desc. node	-10357 Oct 18 j 19:09	29°♋03'21	
	-10357 Oct 19 j 09:45	0°♌	
morning set	-10357 Oct 30 j 00:15	17°♌20'27	
max. Earth dist.	-10357 Nov 03 j 01:42	24°♌27'06	1.38513 AU
	-10357 Nov 06 j 03:10	0°♍	
superior conj	-10357 Nov 10 j 02:54	7°♍28'08	-1°41'08
minimum elong	-10357 Nov 10 j 02:08	7°♍24'30	1°40'51
evening rise	-10357 Nov 18 j 20:25	24°♍29'40	
	-10357 Nov 21 j 16:17	0°♎	
asc. node	-10357 Nov 28 j 22:33	12°♎54'25	
evening max el	-10357 Dec 05 j 11:13	21°♎16'23	18°55'28
retrograde	-10357 Dec 13 j 20:49	25°♎18'33	
evening set	-10357 Dec 16 j 08:47	24°♎58'35	
inferior conj	-10357 Dec 24 j 06:19	20°♎38'07	4°10'31
minimum elong	-10357 Dec 24 j 08:17	20°♎34'34	4°10'15
min. Earth dist.	-10357 Dec 27 j 08:45	18°♎24'51	0.57834 AU

morning rise	-10356 Jan 01 j 05:41	15°♎35'10	
direct	-10356 Jan 06 j 20:33	14°♎19'49	
desc. node	-10356 Jan 14 j 20:31	16°♎47'37	
morning max el	-10356 Jan 20 j 22:38	21°♎33'37	25°36'53
	-10356 Jan 28 j 07:54	0°♏	
	-10356 Feb 15 j 02:32	0°♐	
morning set	-10356 Feb 17 j 11:12	4°♐52'28	
superior conj	-10356 Feb 24 j 10:36	19°♐54'00	-0°04'04
minimum elong	-10356 Feb 24 j 10:48	19°♐55'05	0°04'37
behind sun begin	-10356 Feb 24 j 05:58	19°♐28'46	
behind sun end	-10356 Feb 24 j 15:37	20°♐21'23	
asc. node	-10356 Feb 24 j 20:34	20°♐48'17	
max. Earth dist.	-10356 Feb 25 j 05:57	21°♐39'15	1.32963 AU
	-10356 Feb 29 j 03:09	0°♑	
evening rise	-10356 Mar 02 j 15:49	5°♑16'30	
	-10356 Mar 16 j 00:46	0°♒	
evening max el	-10356 Apr 02 j 19:20	23°♒27'12	27°06'07
desc. node	-10356 Apr 11 j 20:16	29°♒51'49	
	-10356 Apr 12 j 04:23	0°♓	
retrograde	-10356 Apr 16 j 20:16	0°♓56'08	
	-10356 Apr 21 j 08:10	30°℞♒	
evening set	-10356 Apr 23 j 11:55	28°♒53'38	
min. Earth dist.	-10356 Apr 27 j 08:18	26°♒02'26	0.61026 AU
inferior conj	-10356 Apr 30 j 14:16	23°♒09'28	-3°31'15
minimum elong	-10356 Apr 30 j 12:53	23°♒12'35	3°31'34
morning rise	-10356 May 07 j 15:51	18°♒17'42	
direct	-10356 May 10 j 05:20	17°♒50'22	
morning max el	-10356 May 17 j 03:53	21°♒16'26	18°05'58
asc. node	-10356 May 22 j 20:28	28°♒29'30	
	-10356 May 23 j 19:45	0°♓	
morning set	-10356 Jun 02 j 08:28	16°♓46'11	
	-10356 Jun 09 j 14:38	0°♈	
superior conj	-10356 Jun 12 j 20:44	5°♈46'30	1°49'30
minimum elong	-10356 Jun 12 j 21:29	5°♈49'50	1°49'28
max. Earth dist.	-10356 Jun 20 j 04:59	18°♈20'27	1.41770 AU
evening rise	-10356 Jun 26 j 13:43	28°♈43'48	
	-10356 Jun 27 j 08:49	0°♉	
desc. node	-10356 Jul 08 j 17:29	17°♉29'28	
	-10356 Jul 17 j 09:36	0°♊	
evening max el	-10356 Jul 29 j 02:56	14°♊34'23	22°05'44
retrograde	-10356 Aug 07 j 09:01	20°♊03'34	
evening set	-10356 Aug 11 j 20:38	18°♊14'44	
inferior conj	-10356 Aug 17 j 02:49	12°♊02'13	-0°33'51
minimum elong	-10356 Aug 17 j 03:32	11°♊59'45	0°33'02
min. Earth dist.	-10356 Aug 17 j 06:37	11°♊49'06	0.67183 AU
asc. node	-10356 Aug 18 j 21:06	9°♊38'27	
morning rise	-10356 Aug 22 j 10:20	5°♊43'40	
direct	-10356 Aug 27 j 02:29	3°♊48'48	
morning max el	-10356 Sep 05 j 23:48	9°♊45'35	22°46'52
	-10356 Sep 21 j 18:44	0°♋	
desc. node	-10356 Oct 04 j 16:00	19°♋26'03	
morning set	-10356 Oct 09 j 17:17	27°♋32'32	
	-10356 Oct 11 j 05:12	0°♌	
max. Earth dist.	-10356 Oct 15 j 00:30	6°♌22'41	1.40507 AU
superior conj	-10356 Oct 22 j 16:08	19°♌48'26	-1°32'43
minimum elong	-10356 Oct 22 j 13:12	19°♌35'09	1°32'05
	-10356 Oct 28 j 04:47	0°♍	
evening rise	-10356 Nov 01 j 11:01	8°♍02'20	
	-10356 Nov 14 j 05:19	0°♎	
asc. node	-10356 Nov 14 j 19:51	0°♎47'55	
evening max el	-10356 Nov 17 j 15:47	4°♎01'14	18°21'39
retrograde	-10356 Nov 25 j 01:50	7°♎42'30	
evening set	-10356 Nov 27 j 13:55	7°♎18'27	
inferior conj	-10356 Dec 04 j 22:19	2°♎37'07	4°13'55

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10356	Dec	04	j 20:56	2°♎39'59	4°13'53	inferior conj	-10355	Nov	17	j 08:06	15°♍06'59	3°52'33
min. Earth dist.	-10356	Dec	08	j 03:45	29°♍56'58	0.59653 AU	minimum elong	-10355	Nov	17	j 04:50	15°♍14'47	3°52'14
	-10356	Dec	08	j 02:14	30°℞♍		min. Earth dist.	-10355	Nov	20	j 06:06	12°♍21'15	0.61519 AU
morning rise	-10356	Dec	12	j 02:17	27°♍13'17		morning rise	-10355	Nov	23	j 20:43	9°♍26'08	
direct	-10356	Dec	18	j 16:21	25°♍19'23		direct	-10355	Nov	30	j 21:43	7°♍01'28	
	-10356	Dec	29	j 15:39	0°♎		morning max el	-10355	Dec	14	j 19:25	14°♍31'15	27°28'22
desc. node	-10356	Dec	31	j 17:15	1°♎45'44		desc. node	-10355	Dec	18	j 13:57	18°♍29'13	
morning max el	-10355	Jan	01	j 17:55	2°♎43'24	26°48'09		-10355	Dec	27	j 11:03	0°♎	
	-10355	Jan	21	j 13:38	0°♏			-10354	Jan	13	j 21:25	0°♏	
morning set	-10355	Jan	31	j 21:44	19°♏51'56		morning set	-10354	Jan	16	j 04:28	4°♏38'03	
	-10355	Feb	05	j 15:42	0°♐		max. Earth dist.	-10354	Jan	22	j 07:37	17°♏37'24	1.32906 AU
superior conj	-10355	Feb	07	j 22:23	4°♐58'11	-0°27'05	superior conj	-10354	Jan	23	j 09:48	19°♏59'35	-0°48'41
minimum elong	-10355	Feb	07	j 23:30	5°♐04'15	0°27'22	minimum elong	-10354	Jan	23	j 11:37	20°♏09'28	0°48'45
max. Earth dist.	-10355	Feb	07	j 19:23	4°♐41'46	1.32766 AU		-10354	Jan	28	j 00:26	0°♐	
asc. node	-10355	Feb	10	j 17:44	11°♐05'13		asc. node	-10354	Jan	28	j 14:56	1°♐17'46	
evening rise	-10355	Feb	14	j 23:52	20°♐09'39		evening rise	-10354	Jan	30	j 10:25	5°♐08'16	
	-10355	Feb	19	j 21:19	0°♑			-10354	Feb	12	j 19:47	0°♑	
	-10355	Mar	11	j 00:23	0°♒		evening max el	-10354	Feb	25	j 15:13	16°♑19'13	24°56'23
evening max el	-10355	Mar	15	j 19:49	5°♒09'56	26°14'06	retrograde	-10354	Mar	11	j 14:39	23°♑21'52	
retrograde	-10355	Mar	29	j 23:03	12°♒30'16		evening set	-10354	Mar	16	j 10:16	22°♑28'37	
desc. node	-10355	Mar	29	j 17:26	12°♒30'07		desc. node	-10354	Mar	16	j 14:32	22°♑24'42	
evening set	-10355	Apr	04	j 20:29	11°♒03'23		min. Earth dist.	-10354	Mar	22	j 04:32	19°♑26'52	0.57221 AU
min. Earth dist.	-10355	Apr	09	j 09:09	8°♒13'28	0.59025 AU	inferior conj	-10354	Mar	25	j 00:43	17°♑33'01	-2°02'23
inferior conj	-10355	Apr	12	j 17:09	5°♒39'25	-3°01'55	minimum elong	-10354	Mar	24	j 20:51	17°♑39'32	2°01'56
minimum elong	-10355	Apr	12	j 13:46	5°♒45'58	3°01'51	morning rise	-10354	Apr	02	j 10:36	13°♑19'03	
morning rise	-10355	Apr	20	j 09:59	1°♒07'41		direct	-10354	Apr	04	j 16:48	13°♑04'07	
direct	-10355	Apr	22	j 19:35	0°♒47'29		morning max el	-10354	Apr	13	j 16:39	17°♑18'50	19°11'50
morning max el	-10355	Apr	30	j 13:34	4°♒30'34	18°29'02		-10354	Apr	22	j 23:57	0°♒	
asc. node	-10355	May	09	j 17:18	17°♒14'03		asc. node	-10354	Apr	26	j 14:11	6°♒29'58	
morning set	-10355	May	16	j 17:34	0°♓10'45		morning set	-10354	Apr	30	j 13:30	14°♒11'44	
	-10355	May	16	j 15:19	0°♓			-10354	May	08	j 13:42	0°♓	
superior conj	-10355	May	26	j 01:39	17°♓51'42	1°46'37	superior conj	-10354	May	09	j 00:58	0°♓54'33	1°34'51
minimum elong	-10355	May	25	j 23:52	17°♓43'32	1°46'22	minimum elong	-10354	May	08	j 22:05	0°♓40'39	1°34'16
	-10355	Jun	01	j 19:50	0°♈		max. Earth dist.	-10354	May	15	j 07:26	12°♓42'28	1.38087 AU
max. Earth dist.	-10355	Jun	02	j 06:54	0°♈48'10	1.39955 AU	evening rise	-10354	May	19	j 07:07	19°♓50'42	
evening rise	-10355	Jun	06	j 20:44	8°♈36'00			-10354	May	25	j 06:18	0°♈	
	-10355	Jun	20	j 09:31	0°♉		desc. node	-10354	Jun	12	j 12:17	27°♈25'59	
desc. node	-10355	Jun	25	j 14:53	7°♉38'36			-10354	Jun	14	j 10:42	0°♉	
evening max el	-10355	Jul	11	j 15:47	27°♉55'03	23°27'10	evening max el	-10354	Jun	24	j 01:56	11°♉17'07	24°47'58
	-10355	Jul	13	j 20:46	0°♊		retrograde	-10354	Jul	05	j 14:22	18°♉03'33	
retrograde	-10355	Jul	22	j 01:36	4°♊05'24		evening set	-10354	Jul	11	j 07:25	15°♉34'35	
evening set	-10355	Jul	27	j 03:41	1°♊55'36		min. Earth dist.	-10354	Jul	15	j 20:15	10°♉19'24	0.66953 AU
	-10355	Jul	29	j 01:17	30°℞♉		inferior conj	-10354	Jul	16	j 14:20	9°♉18'56	-2°05'13
inferior conj	-10355	Aug	01	j 09:08	25°♉40'17	-1°21'43	minimum elong	-10354	Jul	16	j 16:37	9°♉11'15	2°04'11
minimum elong	-10355	Aug	01	j 10:47	25°♉34'39	1°20'41	morning rise	-10354	Jul	22	j 01:47	3°♉13'47	
min. Earth dist.	-10355	Aug	01	j 02:25	26°♉03'24	0.67226 AU	asc. node	-10354	Jul	23	j 14:53	2°♉21'08	
asc. node	-10355	Aug	05	j 18:00	20°♉18'27		direct	-10354	Jul	25	j 18:38	1°♉54'27	
morning rise	-10355	Aug	06	j 17:48	19°♉26'40		morning max el	-10354	Aug	02	j 13:46	6°♉29'06	20°14'04
direct	-10355	Aug	10	j 21:22	17°♉50'19			-10354	Aug	19	j 17:22	0°♊	
morning max el	-10355	Aug	19	j 15:36	23°♉04'21	21°25'45	morning set	-10354	Aug	29	j 11:06	14°♊58'03	
	-10355	Aug	25	j 12:33	0°♊		desc. node	-10354	Sep	08	j 10:00	0°♋37'41	
	-10355	Sep	15	j 04:06	0°♋			-10354	Sep	08	j 00:32	0°♋	
morning set	-10355	Sep	19	j 08:49	6°♋32'36		max. Earth dist.	-10354	Sep	09	j 15:24	2°♋35'17	1.43713 AU
desc. node	-10355	Sep	21	j 12:57	9°♋58'52								
max. Earth dist.	-10355	Sep	27	j 04:30	19°♋06'15	1.42328 AU	superior conj	-10354	Sep	14	j 18:39	10°♋53'58	-0°38'00
	-10355	Oct	03	j 16:45	0°♌		minimum elong	-10354	Sep	14	j 14:53	10°♋38'33	0°36'59
								-10354	Sep	26	j 04:09	0°♌	
superior conj	-10355	Oct	04	j 07:01	1°♌01'03	-1°12'06	evening rise	-10354	Sep	27	j 22:20	3°♌01'07	
minimum elong	-10355	Oct	04	j 02:24	0°♌41'15	1°11'06		-10354	Oct	15	j 05:04	0°♍	
evening rise	-10355	Oct	15	j 13:13	20°♌56'27		evening max el	-10354	Oct	15	j 15:24	0°♍26'55	18°13'01
	-10355	Oct	20	j 14:11	0°♍		asc. node	-10354	Oct	19	j 14:19	3°♍24'19	
evening max el	-10355	Nov	01	j 02:11	17°♍07'16	18°07'47	retrograde	-10354	Oct	22	j 05:58	4°♍00'31	
asc. node	-10355	Nov	01	j 17:07	17°♍43'06		evening set	-10354	Oct	24	j 22:47	3°♍23'09	
retrograde	-10355	Nov	07	j 22:11	20°♍39'31			-10354	Oct	29	j 10:25	30°℞♌	
evening set	-10355	Nov	10	j 11:46	20°♍09'48		inferior conj	-10354	Oct	31	j 08:24	28°♌00'43	3°15'42

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10354 Oct 31 j 04:41	28°♌10'40	3°15'07
min. Earth dist.	-10354 Nov 02 j 18:03	25°♌27'02	0.63208 AU
morning rise	-10354 Nov 06 j 09:48	22°♌05'31	
direct	-10354 Nov 13 j 10:40	19°♌23'48	
morning max el	-10354 Nov 27 j 02:19	26°♌57'00	27°33'44
	-10354 Nov 30 j 00:51	0°♍	
desc. node	-10354 Dec 05 j 10:39	6°♍28'32	
	-10354 Dec 20 j 23:58	0°♎	
morning set	-10354 Dec 31 j 05:05	19°♎02'50	
max. Earth dist.	-10353 Jan 05 j 15:01	0°♏13'50	1.33413 AU
	-10353 Jan 05 j 12:24	0°♏	
superior conj	-10353 Jan 07 j 19:09	4°♏52'06	-1°08'01
minimum elong	-10353 Jan 07 j 21:21	5°♏04'00	1°07'58
evening rise	-10353 Jan 14 j 21:47	20°♏06'03	
asc. node	-10353 Jan 15 j 12:11	21°♏21'21	
	-10353 Jan 19 j 19:10	0°♐	
evening max el	-10353 Feb 07 j 08:25	27°♐11'03	23°24'23
	-10353 Feb 10 j 17:08	0°♑	
retrograde	-10353 Feb 20 j 17:25	3°♑43'24	
evening set	-10353 Feb 24 j 11:01	3°♑12'52	
desc. node	-10353 Mar 03 j 11:32	0°♑01'19	
	-10353 Mar 03 j 12:26	30°℞♐	
min. Earth dist.	-10353 Mar 03 j 20:38	29°♐47'58	0.55931 AU
inferior conj	-10353 Mar 05 j 13:02	28°♐47'52	-0°31'58
minimum elong	-10353 Mar 05 j 11:40	28°♐49'53	0°32'06
morning rise	-10353 Mar 14 j 14:37	24°♐45'00	
direct	-10353 Mar 16 j 20:20	24°♐32'30	
morning max el	-10353 Mar 27 j 10:23	29°♐32'12	20°14'28
	-10353 Mar 27 j 21:55	0°♑	
asc. node	-10353 Apr 13 j 11:08	26°♑09'37	
morning set	-10353 Apr 14 j 17:04	28°♑40'22	
	-10353 Apr 15 j 08:46	0°♒	
superior conj	-10353 Apr 22 j 13:44	14°♒41'23	1°17'18
minimum elong	-10353 Apr 22 j 10:49	14°♒26'43	1°16'27
max. Earth dist.	-10353 Apr 27 j 12:25	24°♒25'58	1.36383 AU
	-10353 Apr 30 j 10:57	0°♓	
evening rise	-10353 May 01 j 16:35	2°♓17'08	
	-10353 May 18 j 07:05	0°♈	
desc. node	-10353 May 30 j 09:39	16°♈42'37	
evening max el	-10353 Jun 06 j 11:51	24°♈40'35	25°59'44
	-10353 Jun 13 j 01:29	0°♉	
retrograde	-10353 Jun 18 j 22:44	1°♉53'23	
	-10353 Jun 24 j 05:07	30°℞♈	
evening set	-10353 Jun 25 j 05:45	29°♈10'24	
min. Earth dist.	-10353 Jun 29 j 09:47	24°♈34'26	0.66326 AU
inferior conj	-10353 Jun 30 j 16:33	22°♈56'32	-2°42'49
minimum elong	-10353 Jun 30 j 19:06	22°♈48'22	2°42'00
morning rise	-10353 Jul 06 j 08:32	17°♈03'01	
direct	-10353 Jul 09 j 16:36	15°♈58'41	
asc. node	-10353 Jul 10 j 11:45	16°♈02'15	
morning max el	-10353 Jul 16 j 18:32	20°♈01'14	19°15'47
	-10353 Jul 24 j 12:36	0°♉	
morning set	-10353 Aug 08 j 20:35	23°♉46'13	
	-10353 Aug 12 j 19:23	0°♊	
max. Earth dist.	-10353 Aug 23 j 07:02	16°♊32'59	1.44485 AU
superior conj	-10353 Aug 25 j 04:40	19°♊33'57	0°06'40
minimum elong	-10353 Aug 25 j 05:33	19°♊37'28	0°07'06
behind sun begin	-10353 Aug 24 j 19:16	18°♊56'38	
behind sun end	-10353 Aug 25 j 15:50	20°♊18'18	
desc. node	-10353 Aug 26 j 07:05	21°♊18'56	
	-10353 Aug 31 j 17:24	0°♋	
evening rise	-10353 Sep 09 j 08:53	14°♋02'46	
	-10353 Sep 19 j 03:44	0°♌	
evening max el	-10353 Sep 29 j 04:27	13°♌53'12	18°36'21

retrograde	-10353 Oct 05 j 21:10	17°♌37'12	
asc. node	-10353 Oct 06 j 11:31	17°♌35'12	
evening set	-10353 Oct 08 j 19:18	16°♌49'41	
inferior conj	-10353 Oct 14 j 19:46	11°♌10'39	2°29'50
minimum elong	-10353 Oct 14 j 16:32	11°♌20'10	2°29'16
min. Earth dist.	-10353 Oct 16 j 16:09	9°♌00'16	0.64620 AU
morning rise	-10353 Oct 20 j 13:15	5°♌03'56	
direct	-10353 Oct 27 j 06:20	2°♌18'35	
morning max el	-10353 Nov 09 j 12:05	9°♌50'25	27°06'08
desc. node	-10353 Nov 22 j 07:22	25°♌20'45	
	-10353 Nov 25 j 13:02	0°♍	
	-10353 Dec 13 j 07:58	0°♎	
morning set	-10353 Dec 14 j 20:31	2°♎55'22	
max. Earth dist.	-10353 Dec 19 j 13:51	12°♎19'51	1.34320 AU
superior conj	-10353 Dec 23 j 00:23	19°♎27'54	-1°24'10
minimum elong	-10353 Dec 23 j 02:34	19°♎39'21	1°24'04
	-10353 Dec 27 j 23:53	0°♏	
evening rise	-10353 Dec 30 j 08:12	4°♏55'49	
asc. node	-10352 Jan 02 j 09:28	11°♏10'02	
	-10352 Jan 13 j 06:51	0°♐	
evening max el	-10352 Jan 20 j 04:38	8°♐08'21	21°51'41
retrograde	-10352 Feb 01 j 10:11	13°♐57'42	
evening set	-10352 Feb 04 j 09:18	13°♐38'06	
inferior conj	-10352 Feb 13 j 12:08	9°♐34'10	1°15'25
minimum elong	-10352 Feb 13 j 15:22	9°♐29'36	1°13'52
min. Earth dist.	-10352 Feb 13 j 11:11	9°♐35'32	0.55411 AU
desc. node	-10352 Feb 18 j 08:31	6°♐59'45	
morning rise	-10352 Feb 22 j 21:45	5°♐28'33	
direct	-10352 Feb 25 j 11:54	5°♐13'29	
morning max el	-10352 Mar 08 j 17:04	11°♐05'03	21°35'20
	-10352 Mar 22 j 04:29	0°♑	
morning set	-10352 Mar 29 j 01:40	13°♑28'12	
asc. node	-10352 Mar 30 j 08:08	16°♑06'09	
superior conj	-10352 Apr 05 j 12:00	29°♑00'12	0°56'14
minimum elong	-10352 Apr 05 j 09:41	28°♑48'08	0°55'18
	-10352 Apr 05 j 23:32	0°♒	
max. Earth dist.	-10352 Apr 09 j 02:14	6°♒22'08	1.34976 AU
evening rise	-10352 Apr 13 j 19:23	15°♒38'36	
	-10352 Apr 21 j 16:39	0°♓	
	-10352 May 11 j 18:48	0°♈	
desc. node	-10352 May 16 j 07:01	5°♈15'51	
evening max el	-10352 May 18 j 22:31	8°♈00'22	26°54'02
retrograde	-10352 Jun 01 j 02:19	15°♈28'26	
evening set	-10352 Jun 07 j 20:15	12°♈40'28	
min. Earth dist.	-10352 Jun 11 j 16:54	8°♈43'12	0.65309 AU
inferior conj	-10352 Jun 13 j 13:42	6°♈30'34	-3°12'38
minimum elong	-10352 Jun 13 j 16:01	6°♈23'40	3°12'12
morning rise	-10352 Jun 19 j 12:06	0°♈51'25	
	-10352 Jun 22 j 08:43	30°℞♓	
direct	-10352 Jun 22 j 13:15	29°♓59'48	
	-10352 Jun 22 j 17:48	0°♈	
asc. node	-10352 Jun 26 j 08:38	1°♈16'27	
morning max el	-10352 Jun 29 j 04:37	3°♈39'19	18°33'22
	-10352 Jul 16 j 23:15	0°♉	
morning set	-10352 Jul 19 j 04:13	3°♉36'48	
superior conj	-10352 Aug 03 j 04:22	27°♉47'10	0°52'09
minimum elong	-10352 Aug 03 j 10:10	28°♉10'12	0°51'58
	-10352 Aug 04 j 13:53	0°♊	
max. Earth dist.	-10352 Aug 04 j 23:59	0°♊40'00	1.44556 AU
desc. node	-10352 Aug 12 j 04:16	11°♊59'56	
evening rise	-10352 Aug 19 j 16:42	23°♊51'15	
	-10352 Aug 23 j 14:12	0°♋	
evening max el	-10352 Sep 11 j 14:40	27°♋21'59	19°16'39
	-10352 Sep 14 j 16:06	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10352 Sep 18 j 16:25	1°♌24'49	
evening set	-10352 Sep 21 j 22:11	0°♌24'04	
asc. node	-10352 Sep 22 j 08:40	0°♌06'43	
	-10352 Sep 22 j 12:25	30°℞♋	
inferior conj	-10352 Sep 27 j 15:14	24°♋31'52	1°39'17
minimum elong	-10352 Sep 27 j 12:59	24°♋38'58	1°39'01
min. Earth dist.	-10352 Sep 28 j 23:08	22°♋50'56	0.65726 AU
morning rise	-10352 Oct 03 j 03:25	18°♋17'01	
direct	-10352 Oct 09 j 08:18	15°♋38'41	
morning max el	-10352 Oct 21 j 22:18	22°♋59'19	26°11'29
	-10352 Oct 28 j 05:13	0°♌	
desc. node	-10352 Nov 08 j 04:07	14°♌50'29	
	-10352 Nov 17 j 19:51	0°♍	
morning set	-10352 Nov 26 j 22:49	16°♍03'39	
max. Earth dist.	-10352 Dec 01 j 01:35	23°♍53'27	1.35658 AU
	-10352 Dec 04 j 03:45	0°♎	
superior conj	-10352 Dec 05 j 23:10	3°♎39'28	-1°35'52
minimum elong	-10352 Dec 06 j 00:45	3°♎47'30	1°35'46
evening rise	-10352 Dec 13 j 15:57	19°♎31'51	
	-10352 Dec 18 j 22:45	0°♏	
asc. node	-10352 Dec 19 j 06:46	0°♏37'36	
evening max el	-10351 Jan 01 j 08:57	19°♏31'56	20°29'28
retrograde	-10351 Jan 12 j 01:29	24°♏32'57	
evening set	-10351 Jan 14 j 16:11	24°♏16'15	
inferior conj	-10351 Jan 23 j 10:32	20°♏17'07	2°51'34
minimum elong	-10351 Jan 23 j 16:15	20°♏08'38	2°49'43
min. Earth dist.	-10351 Jan 25 j 01:08	19°♏19'55	0.55773 AU
morning rise	-10351 Feb 01 j 14:41	15°♏52'56	
desc. node	-10351 Feb 04 j 05:26	15°♏27'13	
direct	-10351 Feb 05 j 03:46	15°♏25'16	
morning max el	-10351 Feb 18 j 13:37	22°♏02'07	23°09'12
	-10351 Feb 25 j 10:22	0°♐	
morning set	-10351 Mar 13 j 13:08	28°♐27'56	
	-10351 Mar 14 j 06:42	0°♑	
asc. node	-10351 Mar 17 j 05:09	6°♑14'09	
superior conj	-10351 Mar 20 j 16:46	13°♑41'11	0°33'15
minimum elong	-10351 Mar 20 j 15:22	13°♑33'40	0°32'24
max. Earth dist.	-10351 Mar 23 j 02:06	18°♑44'14	1.33925 AU
evening rise	-10351 Mar 28 j 10:36	29°♑40'03	
	-10351 Mar 28 j 14:38	0°♒	
	-10351 Apr 14 j 18:41	0°♓	
evening max el	-10351 May 01 j 09:06	21°♓06'21	27°23'20
desc. node	-10351 May 03 j 04:24	22°♓47'01	
retrograde	-10351 May 15 j 00:25	28°♓39'35	
evening set	-10351 May 21 j 23:51	25°♓59'07	
min. Earth dist.	-10351 May 25 j 15:53	22°♓35'41	0.63897 AU
inferior conj	-10351 May 28 j 03:13	19°♓55'50	-3°31'59
minimum elong	-10351 May 28 j 04:38	19°♓51'59	3°32'01
morning rise	-10351 Jun 03 j 10:11	14°♓33'24	
direct	-10351 Jun 06 j 06:00	13°♓52'26	
morning max el	-10351 Jun 12 j 17:50	17°♓18'25	18°08'14
asc. node	-10351 Jun 13 j 05:28	17°♓48'15	
	-10351 Jun 21 j 21:39	0°♈	
morning set	-10351 Jun 30 j 13:22	14°♈38'38	
	-10351 Jul 09 j 15:35	0°♉	
superior conj	-10351 Jul 13 j 16:07	6°♉37'06	1°26'56
minimum elong	-10351 Jul 13 j 22:10	7°♉01'47	1°26'44
max. Earth dist.	-10351 Jul 18 j 15:02	14°♉37'23	1.43933 AU
	-10351 Jul 28 j 09:04	0°♊	
evening rise	-10351 Jul 30 j 00:46	2°♊34'14	
desc. node	-10351 Jul 30 j 01:31	2°♊37'11	
	-10351 Aug 17 j 05:39	0°♋	
evening max el	-10351 Aug 25 j 19:44	10°♋49'36	20°12'28
retrograde	-10351 Sep 02 j 13:08	15°♋19'40	
evening set	-10351 Sep 06 j 04:53	14°♋02'24	
asc. node	-10351 Sep 09 j 05:46	11°♋06'58	
inferior conj	-10351 Sep 11 j 16:16	8°♋00'09	0°47'01
minimum elong	-10351 Sep 11 j 15:11	8°♋03'45	0°47'10
min. Earth dist.	-10351 Sep 12 j 12:44	6°♋51'58	0.66530 AU
morning rise	-10351 Sep 17 j 01:15	1°♋41'02	
	-10351 Sep 19 j 13:15	30°℞♊	
direct	-10351 Sep 22 j 15:59	29°♊16'55	
	-10351 Sep 26 j 00:25	0°♋	
morning max el	-10351 Oct 04 j 07:46	6°♋13'00	24°58'09
	-10351 Oct 22 j 20:33	0°♌	
desc. node	-10351 Oct 26 j 00:53	4°♌46'33	
morning set	-10351 Nov 09 j 06:55	28°♌13'17	
	-10351 Nov 10 j 06:55	0°♍	
max. Earth dist.	-10351 Nov 13 j 03:17	5°♍10'13	1.37390 AU
superior conj	-10351 Nov 19 j 12:22	17°♍17'32	-1°41'29
minimum elong	-10351 Nov 19 j 12:39	17°♍18'58	1°41'18
	-10351 Nov 25 j 21:29	0°♎	
evening rise	-10351 Nov 27 j 19:01	3°♎48'26	
asc. node	-10351 Dec 06 j 04:04	19°♎36'36	
	-10351 Dec 13 j 12:16	0°♏	
evening max el	-10351 Dec 14 j 23:30	1°♏29'53	19°24'15
retrograde	-10351 Dec 24 j 02:51	5°♏49'26	
evening set	-10351 Dec 26 j 15:21	5°♏31'12	
inferior conj	-10350 Jan 03 j 20:45	1°♏21'34	3°53'10
minimum elong	-10350 Jan 04 j 00:47	1°♏14'53	3°52'22
	-10350 Jan 05 j 21:54	30°℞♎	
min. Earth dist.	-10350 Jan 06 j 15:02	29°♎32'11	0.56917 AU
morning rise	-10350 Jan 12 j 07:59	26°♎32'38	
direct	-10350 Jan 17 j 05:24	25°♎37'50	
desc. node	-10350 Jan 22 j 02:16	26°♎32'44	
	-10350 Jan 28 j 01:34	0°♏	
morning max el	-10350 Jan 31 j 04:33	2°♏42'32	24°45'48
	-10350 Feb 19 j 06:15	0°♐	
morning set	-10350 Feb 26 j 01:40	13°♐33'25	
asc. node	-10350 Mar 04 j 02:13	26°♐29'22	
superior conj	-10350 Mar 05 j 01:46	28°♐36'58	0°09'34
minimum elong	-10350 Mar 05 j 01:22	28°♐34'52	0°08'55
behind sun begin	-10350 Mar 04 j 21:09	28°♐12'00	
behind sun end	-10350 Mar 05 j 05:36	28°♐57'43	
	-10350 Mar 05 j 17:07	0°♑	
max. Earth dist.	-10350 Mar 06 j 10:08	1°♑31'43	1.33220 AU
evening rise	-10350 Mar 12 j 10:32	14°♑09'43	
	-10350 Mar 20 j 17:21	0°♒	
	-10350 Apr 10 j 02:41	0°♓	
evening max el	-10350 Apr 13 j 17:36	3°♓47'29	27°21'56
desc. node	-10350 Apr 20 j 01:42	8°♓50'59	
retrograde	-10350 Apr 27 j 15:58	11°♓18'40	
evening set	-10350 May 04 j 13:09	8°♓59'13	
min. Earth dist.	-10350 May 08 j 05:45	5°♓59'56	0.62147 AU
inferior conj	-10350 May 11 j 06:06	3°♓06'33	-3°37'00
minimum elong	-10350 May 11 j 05:53	3°♓07'03	3°37'19
	-10350 May 14 j 17:46	30°℞♒	
morning rise	-10350 May 18 j 00:04	28°♒02'51	
direct	-10350 May 20 j 15:45	27°♒30'50	
	-10350 May 26 j 08:22	0°♓	
morning max el	-10350 May 27 j 07:47	0°♓53'34	18°01'19
asc. node	-10350 May 31 j 02:16	5°♓22'14	
morning set	-10350 Jun 12 j 20:57	26°♓45'12	
	-10350 Jun 14 j 16:28	0°♈	
superior conj	-10350 Jun 24 j 05:26	16°♈42'36	1°45'38
minimum elong	-10350 Jun 24 j 08:14	16°♈54'31	1°45'38
max. Earth dist.	-10350 Jul 01 j 02:01	28°♈10'11	1.42703 AU
	-10350 Jul 02 j 04:56	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10350 Jul 09 j 01:50	10°♋58'36	
desc. node	-10350 Jul 16 j 22:51	23°♋07'16	
	-10350 Jul 21 j 13:00	0°♊	
evening max el	-10350 Aug 08 j 18:13	24°♊14'24	21°21'28
retrograde	-10350 Aug 17 j 09:18	29°♊19'43	
evening set	-10350 Aug 21 j 13:13	27°♊42'55	
inferior conj	-10350 Aug 26 j 20:47	21°♊33'33	-0°04'50
minimum elong	-10350 Aug 26 j 20:52	21°♊33'14	0°04'14
transit middle	-10350 Aug 26 j 20:52	21°♊33'14	0°04'14
transit begin	-10350 Aug 26 j 18:15	21°♊42'13	
transit end	-10350 Aug 26 j 23:30	21°♊24'15	
asc. node	-10350 Aug 27 j 02:47	21°♊12'57	
min. Earth dist.	-10350 Aug 27 j 06:35	20°♊59'56	0.67036 AU
morning rise	-10350 Sep 01 j 04:22	15°♊13'54	
direct	-10350 Sep 06 j 04:37	13°♊07'56	
morning max el	-10350 Sep 16 j 17:41	19°♊27'41	23°35'18
	-10350 Sep 25 j 14:57	0°♋	
desc. node	-10350 Oct 12 j 21:41	25°♋01'20	
	-10350 Oct 16 j 01:11	0°♌	
morning set	-10350 Oct 21 j 15:20	9°♌10'18	
max. Earth dist.	-10350 Oct 26 j 01:20	16°♌44'25	1.39367 AU
superior conj	-10350 Nov 02 j 11:51	0°♍10'30	-1°38'55
minimum elong	-10350 Nov 02 j 10:11	0°♍02'46	1°38'30
	-10350 Nov 02 j 09:35	0°♍	
evening rise	-10350 Nov 11 j 15:01	17°♍39'15	
	-10350 Nov 18 j 04:39	0°♎	
asc. node	-10350 Nov 23 j 01:22	7°♎57'16	
evening max el	-10350 Nov 27 j 23:31	13°♎59'13	18°38'39
retrograde	-10350 Dec 05 j 21:36	17°♎50'39	
evening set	-10350 Dec 08 j 09:42	17°♎28'56	
inferior conj	-10350 Dec 16 j 01:29	12°♎59'49	4°15'43
minimum elong	-10350 Dec 16 j 01:54	12°♎59'00	4°15'38
min. Earth dist.	-10350 Dec 19 j 06:51	10°♎32'43	0.58584 AU
morning rise	-10350 Dec 23 j 16:15	7°♎47'52	
direct	-10350 Dec 29 j 18:36	6°♎15'54	
desc. node	-10349 Jan 08 j 23:02	10°♎14'29	
morning max el	-10349 Jan 12 j 20:40	13°♎34'04	26°10'35
	-10349 Jan 25 j 21:41	0°♏	
morning set	-10349 Feb 10 j 13:26	28°♏36'52	
	-10349 Feb 11 j 05:15	0°♐	
superior conj	-10349 Feb 17 j 12:59	13°♐39'29	-0°13'57
minimum elong	-10349 Feb 17 j 13:35	13°♐42'46	0°14'22
behind sun begin	-10349 Feb 17 j 11:32	13°♐31'34	
behind sun end	-10349 Feb 17 j 15:38	13°♐53'59	
max. Earth dist.	-10349 Feb 17 j 22:48	14°♐33'03	1.32841 AU
asc. node	-10349 Feb 18 j 23:20	16°♐46'45	
evening rise	-10349 Feb 24 j 16:15	28°♐56'29	
	-10349 Feb 25 j 04:34	0°♑	
	-10349 Mar 14 j 01:35	0°♒	
evening max el	-10349 Mar 26 j 21:27	15°♒52'32	26°47'42
desc. node	-10349 Apr 06 j 22:56	22°♒54'14	
retrograde	-10349 Apr 09 j 23:32	23°♒17'36	
evening set	-10349 Apr 16 j 08:46	21°♒29'57	
min. Earth dist.	-10349 Apr 20 j 10:37	18°♒41'09	0.60180 AU
inferior conj	-10349 Apr 23 j 18:45	15°♒53'42	-3°22'09
minimum elong	-10349 Apr 23 j 16:27	15°♒58'33	3°22'21
morning rise	-10349 May 01 j 02:28	11°♒10'16	
direct	-10349 May 03 j 14:28	10°♒45'59	
morning max el	-10349 May 10 j 19:47	14°♒17'21	18°13'20
asc. node	-10349 May 17 j 23:06	23°♒44'06	
	-10349 May 21 j 15:00	0°♓	
morning set	-10349 May 26 j 22:01	9°♓44'22	
superior conj	-10349 Jun 05 j 21:12	28°♓07'26	1°49'35
minimum elong	-10349 Jun 05 j 20:42	28°♓05'12	1°49'30
	-10349 Jun 06 j 22:24	0°♈	
max. Earth dist.	-10349 Jun 13 j 07:32	11°♈05'09	1.41030 AU
evening rise	-10349 Jun 18 j 17:57	20°♈06'31	
	-10349 Jun 24 j 23:02	0°♉	
desc. node	-10349 Jul 03 j 20:12	13°♉25'40	
	-10349 Jul 15 j 20:15	0°♊	
evening max el	-10349 Jul 22 j 10:04	7°♊36'00	22°39'56
retrograde	-10349 Aug 01 j 03:33	13°♊22'14	
evening set	-10349 Aug 05 j 21:18	11°♊24'15	
inferior conj	-10349 Aug 11 j 02:57	5°♊10'21	-0°54'36
minimum elong	-10349 Aug 11 j 04:05	5°♊06'25	0°53'40
min. Earth dist.	-10349 Aug 11 j 02:16	5°♊12'40	0.67244 AU
asc. node	-10349 Aug 13 j 23:44	1°♊23'33	
	-10349 Aug 15 j 05:51	30°℞♉	
morning rise	-10349 Aug 16 j 10:46	28°♉53'45	
direct	-10349 Aug 20 j 21:24	27°♉06'58	
	-10349 Aug 27 j 07:21	0°♊	
morning max el	-10349 Aug 30 j 06:44	2°♊44'52	22°11'34
	-10349 Sep 19 j 16:50	0°♋	
desc. node	-10349 Sep 29 j 18:34	15°♋29'11	
morning set	-10349 Oct 01 j 20:56	18°♋49'51	
max. Earth dist.	-10349 Oct 08 j 02:39	29°♋02'56	1.41323 AU
	-10349 Oct 08 j 16:16	0°♌	
superior conj	-10349 Oct 15 j 16:20	12°♌04'21	-1°25'35
minimum elong	-10349 Oct 15 j 12:32	11°♌47'30	1°24'48
	-10349 Oct 25 j 12:33	0°♍	
evening rise	-10349 Oct 26 j 00:54	0°♍57'21	
asc. node	-10349 Nov 09 j 22:38	25°♍27'54	
evening max el	-10349 Nov 11 j 06:53	26°♍53'59	18°13'17
	-10349 Nov 15 j 18:14	0°♎	
retrograde	-10349 Nov 18 j 09:51	0°♎30'18	
evening set	-10349 Nov 20 j 22:23	0°♎04'00	
	-10349 Nov 21 j 02:55	30°℞♍	
inferior conj	-10349 Nov 28 j 01:26	25°♍13'02	4°07'19
minimum elong	-10349 Nov 27 j 23:03	25°♍18'18	4°07'10
min. Earth dist.	-10349 Dec 01 j 04:26	22°♍28'18	0.60454 AU
morning rise	-10349 Dec 04 j 22:19	19°♍41'33	
direct	-10349 Dec 11 j 18:23	17°♍33'31	
morning max el	-10349 Dec 25 j 18:43	24°♍59'50	27°09'35
desc. node	-10349 Dec 26 j 19:45	26°♍01'39	
	-10349 Dec 30 j 10:52	0°♎	
	-10348 Jan 19 j 01:50	0°♏	
morning set	-10348 Jan 25 j 22:35	13°♏31'28	
max. Earth dist.	-10348 Feb 01 j 12:19	27°♏34'44	1.32785 AU
superior conj	-10348 Feb 02 j 00:47	28°♏42'45	-0°36'28
minimum elong	-10348 Feb 02 j 02:14	28°♏50'38	0°36'39
	-10348 Feb 02 j 14:56	0°♐	
asc. node	-10348 Feb 05 j 20:30	7°♐02'03	
evening rise	-10348 Feb 09 j 01:34	13°♐52'25	
	-10348 Feb 17 j 07:11	0°♑	
evening max el	-10348 Mar 07 j 19:24	27°♑18'44	25°43'31
	-10348 Mar 10 j 21:29	0°♒	
retrograde	-10348 Mar 21 j 21:39	4°♒32'56	
desc. node	-10348 Mar 23 j 20:05	4°♒23'48	
evening set	-10348 Mar 27 j 08:59	3°♒20'53	
min. Earth dist.	-10348 Apr 01 j 08:29	0°♒27'40	0.58219 AU
	-10348 Apr 02 j 00:12	30°℞♑	
inferior conj	-10348 Apr 04 j 13:36	28°♑08'19	-2°40'38
minimum elong	-10348 Apr 04 j 09:43	28°♑15'24	2°40'21
morning rise	-10348 Apr 12 j 13:37	23°♑44'56	
direct	-10348 Apr 14 j 21:46	23°♑27'11	
morning max el	-10348 Apr 23 j 03:00	27°♑21'23	18°44'52
	-10348 Apr 25 j 13:58	0°♒	
asc. node	-10348 May 03 j 19:57	12°♒42'47	
morning set	-10348 May 09 j 12:07	23°♒25'18	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10348 May 12 j 21:18	0°♓	
superior conj	-10348 May 18 j 10:37	10°♓39'06	1°42'30
minimum elong	-10348 May 18 j 08:13	10°♓27'49	1°42'07
max. Earth dist.	-10348 May 25 j 08:20	23°♓17'03	1.39152 AU
	-10348 May 29 j 04:52	0°♈	
evening rise	-10348 May 29 j 12:43	0°♈33'31	
	-10348 Jun 17 j 07:14	0°♉	
desc. node	-10348 Jun 19 j 17:36	3°♉26'33	
evening max el	-10348 Jul 03 j 21:12	20°♉56'12	24°02'02
retrograde	-10348 Jul 14 j 18:39	27°♉23'13	
evening set	-10348 Jul 20 j 03:12	25°♉04'33	
inferior conj	-10348 Jul 25 j 08:59	18°♉48'39	-1°40'50
minimum elong	-10348 Jul 25 j 10:57	18°♉41'59	1°39'45
min. Earth dist.	-10348 Jul 24 j 21:28	19°♉27'54	0.67150 AU
morning rise	-10348 Jul 30 j 18:39	12°♉38'24	
asc. node	-10348 Jul 30 j 20:39	12°♉34'40	
direct	-10348 Aug 03 j 17:19	11°♉09'47	
morning max el	-10348 Aug 12 j 01:15	16°♉06'27	20°53'51
	-10348 Aug 22 j 22:22	0°♊	
morning set	-10348 Sep 10 j 04:37	27°♊29'00	
	-10348 Sep 11 j 19:13	0°♋	
desc. node	-10348 Sep 15 j 15:31	6°♋04'54	
max. Earth dist.	-10348 Sep 19 j 09:45	12°♋07'32	1.42981 AU
superior conj	-10348 Sep 25 j 19:56	22°♋43'15	-0°59'14
minimum elong	-10348 Sep 25 j 15:14	22°♋23'30	0°58'09
	-10348 Sep 30 j 02:48	0°♌	
evening rise	-10348 Oct 07 j 20:29	13°♌32'01	
	-10348 Oct 17 j 08:50	0°♍	
evening max el	-10348 Oct 24 j 18:46	10°♍06'04	18°07'41
asc. node	-10348 Oct 26 j 19:53	11°♍53'26	
retrograde	-10348 Oct 31 j 11:41	13°♍38'08	
evening set	-10348 Nov 03 j 02:16	13°♍05'34	
inferior conj	-10348 Nov 09 j 17:52	7°♍54'03	3°38'21
minimum elong	-10348 Nov 09 j 14:15	8°♍03'07	3°37'54
min. Earth dist.	-10348 Nov 12 j 10:55	5°♍11'30	0.62265 AU
morning rise	-10348 Nov 16 j 01:12	2°♍06'25	
	-10348 Nov 20 j 03:01	30°℞♌	
direct	-10348 Nov 23 j 03:06	29°♌32'42	
	-10348 Nov 26 j 05:53	0°♍	
morning max el	-10348 Dec 06 j 23:00	7°♍05'06	27°34'55
desc. node	-10348 Dec 12 j 16:27	13°♍20'20	
	-10348 Dec 24 j 13:48	0°♎	
morning set	-10347 Jan 09 j 03:02	28°♎09'21	
	-10347 Jan 10 j 00:42	0°♏	
max. Earth dist.	-10347 Jan 14 j 22:53	10°♏22'54	1.33070 AU
superior conj	-10347 Jan 16 j 11:31	13°♏40'40	-0°57'13
minimum elong	-10347 Jan 16 j 13:33	13°♏51'40	0°57'15
asc. node	-10347 Jan 22 j 17:44	27°♏10'57	
evening rise	-10347 Jan 23 j 12:39	28°♏50'43	
	-10347 Jan 24 j 01:53	0°♐	
	-10347 Feb 10 j 07:41	0°♑	
evening max el	-10347 Feb 17 j 13:06	8°♑16'51	24°18'10
retrograde	-10347 Mar 03 j 08:17	15°♑09'20	
evening set	-10347 Mar 07 j 16:13	14°♑27'17	
desc. node	-10347 Mar 10 j 17:10	13°♑12'05	
min. Earth dist.	-10347 Mar 14 j 02:16	11°♑16'58	0.56582 AU
inferior conj	-10347 Mar 16 j 12:38	9°♑44'37	-1°27'23
minimum elong	-10347 Mar 16 j 09:25	9°♑49'44	1°27'01
morning rise	-10347 Mar 25 j 05:42	5°♑36'54	
direct	-10347 Mar 27 j 10:49	5°♑23'35	
morning max el	-10347 Apr 06 j 02:31	9°♑56'10	19°36'13
	-10347 Apr 19 j 13:55	0°♒	
asc. node	-10347 Apr 20 j 16:52	2°♒09'33	
morning set	-10347 Apr 23 j 11:40	7°♒38'58	
superior conj	-10347 May 01 j 16:15	24°♒02'37	1°27'58
minimum elong	-10347 May 01 j 13:15	23°♒47'52	1°27'15
	-10347 May 04 j 17:48	0°♓	
max. Earth dist.	-10347 May 07 j 09:32	5°♓01'37	1.37323 AU
evening rise	-10347 May 11 j 09:39	12°♓21'00	
	-10347 May 21 j 19:53	0°♈	
desc. node	-10347 Jun 06 j 15:01	23°♈02'39	
	-10347 Jun 12 j 06:34	0°♉	
evening max el	-10347 Jun 16 j 06:54	4°♉19'06	25°20'05
retrograde	-10347 Jun 28 j 05:52	11°♉18'59	
evening set	-10347 Jul 04 j 04:57	8°♉43'11	
min. Earth dist.	-10347 Jul 08 j 13:52	3°♉44'24	0.66728 AU
inferior conj	-10347 Jul 09 j 13:11	2°♉27'44	-2°22'02
minimum elong	-10347 Jul 09 j 15:39	2°♉19'38	2°21'03
	-10347 Jul 11 j 11:23	30°℞♈	
morning rise	-10347 Jul 15 j 02:21	26°♈27'02	
asc. node	-10347 Jul 17 j 17:32	25°♈19'07	
direct	-10347 Jul 18 j 15:08	25°♈14'30	
morning max el	-10347 Jul 26 j 02:21	29°♈34'56	19°47'24
	-10347 Jul 26 j 11:55	0°♉	
	-10347 Aug 16 j 11:35	0°♊	
morning set	-10347 Aug 20 j 07:27	5°♊57'18	
max. Earth dist.	-10347 Sep 01 j 22:27	25°♊48'58	1.44125 AU
desc. node	-10347 Sep 02 j 12:34	26°♊45'12	
	-10347 Sep 04 j 13:18	0°♋	
superior conj	-10347 Sep 05 j 19:49	2°♋02'35	-0°19'56
minimum elong	-10347 Sep 05 j 17:38	1°♋53'46	0°19'05
evening rise	-10347 Sep 19 j 20:41	25°♋11'21	
	-10347 Sep 22 j 17:08	0°♌	
evening max el	-10347 Oct 08 j 08:17	23°♌29'11	18°20'48
asc. node	-10347 Oct 13 j 17:07	26°♌57'50	
retrograde	-10347 Oct 14 j 22:58	27°♌06'06	
evening set	-10347 Oct 17 j 17:43	26°♌24'53	
inferior conj	-10347 Oct 23 j 23:17	20°♌55'18	2°56'59
minimum elong	-10347 Oct 23 j 19:41	21°♌05'20	2°56'23
min. Earth dist.	-10347 Oct 26 j 03:24	18°♌30'08	0.63852 AU
morning rise	-10347 Oct 29 j 20:56	14°♌54'43	
direct	-10347 Nov 05 j 19:20	12°♌09'31	
morning max el	-10347 Nov 19 j 07:21	19°♌43'37	27°25'32
	-10347 Nov 28 j 05:36	0°♍	
desc. node	-10347 Nov 29 j 13:09	1°♍44'11	
	-10347 Dec 17 j 11:28	0°♎	
morning set	-10347 Dec 24 j 00:09	12°♎21'27	
max. Earth dist.	-10347 Dec 29 j 02:46	22°♎45'41	1.33743 AU
superior conj	-10347 Dec 31 j 19:23	28°♎26'47	-1°15'20
minimum elong	-10347 Dec 31 j 21:39	28°♎38'49	1°15'17
	-10346 Jan 01 j 12:52	0°♏	
evening rise	-10346 Jan 07 j 23:48	13°♏45'18	
asc. node	-10346 Jan 09 j 15:00	17°♏08'31	
	-10346 Jan 16 j 07:37	0°♐	
evening max el	-10346 Jan 30 j 07:01	19°♐08'13	22°44'21
retrograde	-10346 Feb 12 j 06:15	25°♐23'24	
evening set	-10346 Feb 15 j 14:22	24°♐59'04	
min. Earth dist.	-10346 Feb 23 j 17:55	21°♐20'02	0.55596 AU
inferior conj	-10346 Feb 24 j 18:09	20°♐44'58	0°13'05
minimum elong	-10346 Feb 24 j 18:42	20°♐44'11	0°12'19
transit middle	-10346 Feb 24 j 18:42	20°♐44'11	0°12'19
transit begin	-10346 Feb 24 j 16:09	20°♐47'53	
transit end	-10346 Feb 24 j 21:14	20°♐40'30	
desc. node	-10346 Feb 25 j 14:12	20°♐16'03	
morning rise	-10346 Mar 06 j 00:26	16°♐42'33	
direct	-10346 Mar 08 j 08:07	16°♐29'46	
morning max el	-10346 Mar 19 j 15:38	21°♐52'13	20°46'54
	-10346 Mar 26 j 09:28	0°♑	
morning set	-10346 Apr 07 j 17:40	22°♑16'13	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10346 Apr 07 j 13:50	21°♉56'40	
	-10346 Apr 11 j 11:33	0°♒	
superior conj	-10346 Apr 15 j 09:27	8°♒03'52	1°08'42
minimum elong	-10346 Apr 15 j 06:44	7°♒49'58	1°07'47
max. Earth dist.	-10346 Apr 19 j 17:48	16°♒47'12	1.35738 AU
evening rise	-10346 Apr 24 j 03:11	25°♒12'50	
	-10346 Apr 26 j 17:31	0°♓	
	-10346 May 15 j 07:15	0°♈	
desc. node	-10346 May 24 j 12:27	12°♈02'48	
evening max el	-10346 May 29 j 17:18	17°♈42'25	26°25'33
retrograde	-10346 Jun 11 j 12:17	25°♈03'02	
evening set	-10346 Jun 18 j 00:17	22°♈16'56	
min. Earth dist.	-10346 Jun 22 j 01:04	17°♈57'24	0.65939 AU
inferior conj	-10346 Jun 23 j 13:32	16°♈04'25	-2°56'35
minimum elong	-10346 Jun 23 j 16:04	15°♈56'34	2°55'54
morning rise	-10346 Jun 29 j 07:59	10°♈16'22	
direct	-10346 Jul 02 j 12:54	9°♈17'37	
asc. node	-10346 Jul 04 j 14:25	9°♈41'00	
morning max el	-10346 Jul 09 j 09:30	13°♈09'26	18°55'39
	-10346 Jul 21 j 13:02	0°♉	
morning set	-10346 Jul 31 j 01:17	15°♉09'09	
	-10346 Aug 09 j 09:09	0°♊	
superior conj	-10346 Aug 15 j 22:55	10°♊24'06	0°26'35
minimum elong	-10346 Aug 16 j 02:14	10°♊37'13	0°26'42
max. Earth dist.	-10346 Aug 15 j 14:51	9°♊52'13	1.44609 AU
desc. node	-10346 Aug 20 j 09:43	17°♊26'50	
	-10346 Aug 28 j 06:49	0°♋	
evening rise	-10346 Aug 31 j 20:07	5°♋42'27	
	-10346 Sep 16 j 07:19	0°♌	
evening max el	-10346 Sep 21 j 20:32	6°♌57'42	18°51'32
retrograde	-10346 Sep 28 j 16:08	10°♌48'14	
asc. node	-10346 Sep 30 j 14:16	10°♌27'11	
evening set	-10346 Oct 01 j 17:19	9°♌55'25	
inferior conj	-10346 Oct 07 j 14:26	4°♌10'36	2°08'44
minimum elong	-10346 Oct 07 j 11:35	4°♌19'16	2°08'17
min. Earth dist.	-10346 Oct 09 j 05:25	2°♌12'13	0.65136 AU
	-10346 Oct 11 j 03:42	30°℞♋	
morning rise	-10346 Oct 13 j 05:24	28°♋00'14	
direct	-10346 Oct 19 j 17:52	25°♋16'36	
	-10346 Oct 29 j 17:33	0°♌	
morning max el	-10346 Nov 01 j 17:20	2°♌44'31	26°45'38
desc. node	-10346 Nov 16 j 09:52	20°♌54'12	
	-10346 Nov 22 j 11:20	0°♍	
morning set	-10346 Dec 07 j 10:34	25°♍57'04	
	-10346 Dec 09 j 12:56	0°♎	
max. Earth dist.	-10346 Dec 11 j 20:57	4°♎37'11	1.34838 AU
superior conj	-10346 Dec 15 j 22:16	12°♎54'01	-1°29'46
minimum elong	-10346 Dec 16 j 00:17	13°♎04'25	1°29'40
evening rise	-10346 Dec 23 j 09:21	28°♎30'33	
	-10346 Dec 24 j 02:42	0°♏	
asc. node	-10346 Dec 27 j 12:18	6°♏49'22	
	-10345 Jan 11 j 23:43	0°♐	
evening max el	-10345 Jan 12 j 06:25	0°♐15'52	21°14'57
retrograde	-10345 Jan 23 j 20:30	5°♐43'51	
evening set	-10345 Jan 26 j 15:09	5°♐26'08	
inferior conj	-10345 Feb 04 j 15:19	1°♐26'44	1°59'19
minimum elong	-10345 Feb 04 j 20:05	1°♐19'54	1°57'24
min. Earth dist.	-10345 Feb 05 j 08:05	1°♐02'45	0.55462 AU
	-10345 Feb 07 j 04:54	30°℞♏	
desc. node	-10345 Feb 12 j 11:08	27°♏39'24	
morning rise	-10345 Feb 14 j 00:21	27°♏14'52	
direct	-10345 Feb 16 j 22:49	26°♏55'49	
	-10345 Feb 25 j 21:31	0°♐	
morning max el	-10345 Mar 01 j 17:33	3°♐08'03	22°14'08
	-10345 Mar 19 j 14:57	0°♑	
morning set	-10345 Mar 23 j 03:44	7°♑09'59	
asc. node	-10345 Mar 25 j 10:51	11°♑58'40	
superior conj	-10345 Mar 30 j 10:48	22°♑32'47	0°46'38
minimum elong	-10345 Mar 30 j 08:50	22°♑22'29	0°45'43
max. Earth dist.	-10345 Apr 02 j 12:16	28°♑54'53	1.34489 AU
	-10345 Apr 03 j 00:59	0°♒	
evening rise	-10345 Apr 07 j 11:48	8°♒52'52	
	-10345 Apr 19 j 05:52	0°♓	
desc. node	-10345 May 11 j 09:50	0°♈12'01	
	-10345 May 11 j 05:06	0°♈	
evening max el	-10345 May 12 j 04:20	0°♈57'59	27°10'00
retrograde	-10345 May 25 j 13:22	8°♈28'21	
evening set	-10345 Jun 01 j 10:30	5°♈42'10	
min. Earth dist.	-10345 Jun 05 j 04:51	2°♈00'05	0.64758 AU
	-10345 Jun 06 j 23:02	30°℞♓	
inferior conj	-10345 Jun 07 j 07:46	29°♓34'57	-3°22'19
minimum elong	-10345 Jun 07 j 09:47	29°♓29'09	3°22'06
morning rise	-10345 Jun 13 j 09:31	24°♓02'31	
direct	-10345 Jun 16 j 08:21	23°♓15'28	
asc. node	-10345 Jun 21 j 11:15	25°♓29'39	
morning max el	-10345 Jun 22 j 21:07	26°♓47'44	18°20'30
	-10345 Jun 25 j 15:53	0°♈	
morning set	-10345 Jul 11 j 19:55	25°♈30'20	
	-10345 Jul 14 j 12:49	0°♉	
superior conj	-10345 Jul 26 j 01:07	18°♉45'01	1°08'45
minimum elong	-10345 Jul 26 j 07:41	19°♉11'18	1°08'28
max. Earth dist.	-10345 Jul 29 j 07:52	23°♉59'00	1.44377 AU
	-10345 Aug 02 j 03:07	0°♊	
desc. node	-10345 Aug 07 j 06:56	8°♊06'35	
evening rise	-10345 Aug 11 j 16:46	15°♊00'22	
	-10345 Aug 21 j 08:43	0°♋	
greatest brilliancy	-10345 Aug 22 j 23:21	2°♋27'32	-0.7m
evening max el	-10345 Sep 05 j 04:52	20°♋26'34	19°38'36
retrograde	-10345 Sep 12 j 12:17	24°♋39'38	
evening set	-10345 Sep 15 j 22:07	23°♋32'03	
asc. node	-10345 Sep 17 j 11:24	22°♋17'38	
inferior conj	-10345 Sep 21 j 12:32	17°♋35'05	1°17'11
minimum elong	-10345 Sep 21 j 10:46	17°♋40'47	1°17'05
min. Earth dist.	-10345 Sep 22 j 15:21	16°♋08'07	0.66108 AU
morning rise	-10345 Sep 26 j 23:08	11°♋18'11	
direct	-10345 Oct 02 j 22:08	8°♋45'29	
morning max el	-10345 Oct 15 j 03:15	15°♋56'30	25°42'07
	-10345 Oct 26 j 20:31	0°♌	
desc. node	-10345 Nov 03 j 06:34	10°♌36'11	
	-10345 Nov 15 j 07:54	0°♍	
morning set	-10345 Nov 20 j 05:47	8°♍42'04	
max. Earth dist.	-10345 Nov 24 j 04:23	16°♍02'23	1.36359 AU
superior conj	-10345 Nov 29 j 17:24	26°♍52'36	-1°39'08
minimum elong	-10345 Nov 29 j 18:31	26°♍58'14	1°38'59
	-10345 Dec 01 j 06:36	0°♎	
evening rise	-10345 Dec 07 j 15:23	12°♎59'19	
asc. node	-10345 Dec 14 j 09:36	26°♎05'54	
	-10345 Dec 16 j 15:28	0°♏	
evening max el	-10345 Dec 25 j 14:53	11°♏53'12	19°59'18
retrograde	-10344 Jan 04 j 14:53	16°♏35'28	
evening set	-10344 Jan 07 j 04:22	16°♏18'20	
inferior conj	-10344 Jan 15 j 17:25	12°♏15'51	3°22'37
minimum elong	-10344 Jan 15 j 22:51	12°♏07'25	3°21'09
min. Earth dist.	-10344 Jan 17 j 21:30	10°♏55'33	0.56182 AU
morning rise	-10344 Jan 24 j 15:25	7°♏41'37	
direct	-10344 Jan 28 j 17:46	7°♏04'25	
desc. node	-10344 Jan 30 j 07:59	7°♏10'11	
morning max el	-10344 Feb 11 j 10:56	13°♏54'30	23°50'49

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10344 Feb 23 j 20:32	0°♐		
morning set	-10344 Mar 06 j 15:52	22°♐12'49		
	-10344 Mar 10 j 07:43	0°♑		
asc. node	-10344 Mar 11 j 07:54	2°♑10'05		
superior conj	-10344 Mar 13 j 17:35	7°♑20'31	0°23'13	
minimum elong	-10344 Mar 13 j 16:37	7°♑15'16	0°22'27	
max. Earth dist.	-10344 Mar 15 j 16:05	11°♑28'48	1.33584 AU	
evening rise	-10344 Mar 21 j 07:06	23°♑06'59		
	-10344 Mar 24 j 19:33	0°♒		
	-10344 Apr 11 j 23:27	0°♓		
evening max el	-10344 Apr 23 j 14:12	13°♓54'00	27°26'39	
desc. node	-10344 Apr 27 j 07:10	17°♓09'19		
retrograde	-10344 May 07 j 08:37	21°♓26'47		
evening set	-10344 May 14 j 08:25	18°♓53'22		
min. Earth dist.	-10344 May 17 j 23:47	15°♓42'03	0.63190 AU	
inferior conj	-10344 May 20 j 17:08	12°♓54'20	-3°36'09	
minimum elong	-10344 May 20 j 17:56	12°♓52'14	3°36'21	
morning rise	-10344 May 27 j 04:28	7°♓39'54		
direct	-10344 May 29 j 22:30	7°♓02'52		
morning max el	-10344 Jun 05 j 10:59	10°♓25'47	18°03'06	
asc. node	-10344 Jun 07 j 08:05	12°♓29'30		
	-10344 Jun 18 j 14:35	0°♈		
morning set	-10344 Jun 22 j 15:08	7°♈00'42		
superior conj	-10344 Jul 04 j 22:56	28°♈04'39	1°36'53	
minimum elong	-10344 Jul 05 j 03:48	28°♈24'51	1°36'47	
	-10344 Jul 06 j 02:48	0°♉		
max. Earth dist.	-10344 Jul 10 j 21:50	7°♉49'13	1.43470 AU	
evening rise	-10344 Jul 20 j 19:07	23°♉27'45		
desc. node	-10344 Jul 24 j 04:15	28°♉41'19		
	-10344 Jul 25 j 00:44	0°♊		
	-10344 Aug 14 j 20:52	0°♋		
evening max el	-10344 Aug 18 j 07:10	3°♋52'54	20°40'20	
retrograde	-10344 Aug 26 j 09:07	8°♋37'22		
evening set	-10344 Aug 30 j 05:47	7°♋11'59		
asc. node	-10344 Sep 03 j 08:27	2°♋49'07		
inferior conj	-10344 Sep 04 j 15:17	1°♋06'05	0°24'54	
minimum elong	-10344 Sep 04 j 14:43	1°♋08'01	0°25'14	
	-10344 Sep 05 j 10:50	30°℞♊		
min. Earth dist.	-10344 Sep 05 j 07:04	0°♋12'41	0.66776 AU	
morning rise	-10344 Sep 09 j 23:28	24°♊46'13		
direct	-10344 Sep 15 j 07:52	22°♊29'49		
morning max el	-10344 Sep 26 j 12:55	29°♊11'53	24°23'39	
	-10344 Sep 27 j 07:38	0°♋		
	-10344 Oct 19 j 16:40	0°♌		
desc. node	-10344 Oct 20 j 03:21	0°♌41'08		
morning set	-10344 Nov 01 j 04:30	20°♌22'39		
max. Earth dist.	-10344 Nov 05 j 03:56	27°♌23'47	1.38219 AU	
	-10344 Nov 06 j 14:25	0°♍		
superior conj	-10344 Nov 12 j 01:18	10°♍12'51	-1°41'33	
minimum elong	-10344 Nov 12 j 00:50	10°♍10'37	1°41'17	
evening rise	-10344 Nov 20 j 15:48	27°♍05'54		
	-10344 Nov 22 j 03:13	0°♎		
asc. node	-10344 Nov 30 j 06:53	14°♎49'49		
evening max el	-10344 Dec 07 j 09:33	24°♎04'34	19°02'15	
retrograde	-10344 Dec 15 j 23:31	28°♎10'51		
evening set	-10344 Dec 18 j 11:32	27°♎51'26		
inferior conj	-10344 Dec 26 j 11:06	23°♎34'01	4°07'11	
minimum elong	-10344 Dec 26 j 13:38	23°♎29'33	4°06'47	
min. Earth dist.	-10344 Dec 29 j 11:59	21°♎26'17	0.57584 AU	
morning rise	-10343 Jan 03 j 13:33	18°♎34'26		
direct	-10343 Jan 09 j 00:04	17°♎24'36		
desc. node	-10343 Jan 16 j 04:46	19°♎24'26		
morning max el	-10343 Jan 23 j 01:48	24°♎36'42	25°24'13	
	-10343 Jan 28 j 00:53	0°♏		
	-10343 Feb 15 j 14:40	0°♐		
morning set	-10343 Feb 19 j 04:15	7°♐17'57		
superior conj	-10343 Feb 26 j 03:44	22°♐19'42	-0°00'31	
minimum elong	-10343 Feb 26 j 03:47	22°♐19'56	0°01'04	
behind sun begin	-10343 Feb 25 j 22:45	21°♐52'36		
behind sun end	-10343 Feb 26 j 08:48	22°♐47'16		
asc. node	-10343 Feb 26 j 04:59	22°♐26'30		
max. Earth dist.	-10343 Feb 27 j 02:22	24°♐22'33	1.33017 AU	
	-10343 Mar 01 j 17:03	0°♑		
evening rise	-10343 Mar 05 j 09:45	7°♑44'23		
	-10343 Mar 17 j 07:33	0°♒		
evening max el	-10343 Apr 05 j 20:40	26°♒19'15	27°11'18	
	-10343 Apr 10 j 04:15	0°♓		
desc. node	-10343 Apr 14 j 04:26	2°♓25'45		
retrograde	-10343 Apr 19 j 21:10	3°♓49'14		
evening set	-10343 Apr 26 j 14:33	1°♓41'59		
	-10343 Apr 28 j 23:40	30°℞♒		
min. Earth dist.	-10343 Apr 30 j 09:36	28°♒49'09	0.61318 AU	
inferior conj	-10343 May 03 j 14:21	25°♒55'18	-3°33'33	
minimum elong	-10343 May 03 j 13:16	25°♒57'45	3°33'53	
morning rise	-10343 May 10 j 13:52	21°♒00'28		
direct	-10343 May 13 j 03:52	20°♒32'02		
morning max el	-10343 May 20 j 00:29	23°♒56'55	18°04'09	
	-10343 May 24 j 22:06	0°♓		
asc. node	-10343 May 25 j 04:54	0°♓25'03		
morning set	-10343 Jun 05 j 06:40	19°♓30'08		
	-10343 Jun 11 j 01:22	0°♈		
superior conj	-10343 Jun 15 j 23:52	8°♈44'29	1°48'55	
minimum elong	-10343 Jun 16 j 01:08	8°♈50'00	1°48'55	
max. Earth dist.	-10343 Jun 23 j 05:59	21°♈04'38	1.42021 AU	
	-10343 Jun 28 j 17:21	0°♉		
evening rise	-10343 Jun 30 j 00:03	2°♉02'30		
desc. node	-10343 Jul 11 j 01:37	19°♉06'43		
	-10343 Jul 18 j 12:31	0°♊		
evening max el	-10343 Aug 01 j 02:33	17°♊15'09	21°54'02	
retrograde	-10343 Aug 10 j 04:43	22°♊38'10		
evening set	-10343 Aug 14 j 14:14	20°♊52'35		
inferior conj	-10343 Aug 19 j 20:43	14°♊40'48	-0°26'17	
minimum elong	-10343 Aug 19 j 21:16	14°♊38'53	0°25'32	
min. Earth dist.	-10343 Aug 20 j 02:06	14°♊22'14	0.67153 AU	
asc. node	-10343 Aug 21 j 05:26	12°♊48'49		
morning rise	-10343 Aug 25 j 04:11	8°♊21'46		
direct	-10343 Aug 29 j 22:24	6°♊23'57		
morning max el	-10343 Sep 08 j 23:48	12°♊26'58	22°59'20	
	-10343 Sep 22 j 22:24	0°♋		
desc. node	-10343 Oct 07 j 00:12	21°♋01'49		
	-10343 Oct 12 j 14:17	0°♌		
morning set	-10343 Oct 13 j 01:36	0°♌46'28		
max. Earth dist.	-10343 Oct 18 j 02:07	9°♌12'12	1.40214 AU	
superior conj	-10343 Oct 25 j 17:24	22°♌42'12	-1°34'44	
minimum elong	-10343 Oct 25 j 14:48	22°♌30'19	1°34'10	
	-10343 Oct 29 j 16:05	0°♍		
evening rise	-10343 Nov 04 j 07:54	10°♍43'30		
	-10343 Nov 15 j 04:14	0°♎		
asc. node	-10343 Nov 17 j 04:08	2°♎50'53		
evening max el	-10343 Nov 20 j 13:04	6°♎46'01	18°25'25	
retrograde	-10343 Nov 28 j 01:53	10°♎29'23		
evening set	-10343 Nov 30 j 13:57	10°♎05'58		
inferior conj	-10343 Dec 08 j 00:14	5°♎27'57	4°15'16	
minimum elong	-10343 Dec 07 j 23:17	5°♎29'53	4°15'14	
min. Earth dist.	-10343 Dec 11 j 06:07	2°♎50'24	0.59373 AU	
morning rise	-10343 Dec 15 j 06:53	0°♎07'07		
	-10343 Dec 15 j 12:10	30°℞♍		
direct	-10343 Dec 21 j 18:23	28°♍18'36		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10343 Dec 28 j 05:04	0°♎		
desc. node	-10342 Jan 03 j 01:30	4°♎03'51		
morning max el	-10342 Jan 04 j 20:07	5°♎41'19	26°39'21	
	-10342 Jan 22 j 21:08	0°♏		
morning set	-10342 Feb 03 j 15:10	22°♏18'54		
	-10342 Feb 07 j 05:53	0°♐		
superior conj	-10342 Feb 10 j 15:27	7°♐24'00	-0°23'40	
minimum elong	-10342 Feb 10 j 16:26	7°♐29'22	0°23'59	
max. Earth dist.	-10342 Feb 10 j 15:43	7°♐25'25	1.32774 AU	
asc. node	-10342 Feb 13 j 02:07	12°♐43'47		
evening rise	-10342 Feb 17 j 17:18	22°♐36'33		
	-10342 Feb 21 j 08:47	0°♑		
	-10342 Mar 11 j 16:55	0°♒		
evening max el	-10342 Mar 18 j 22:08	8°♒08'17	26°23'44	
desc. node	-10342 Apr 01 j 01:37	15°♒27'29		
retrograde	-10342 Apr 02 j 01:20	15°♒29'56		
evening set	-10342 Apr 08 j 02:02	13°♒57'46		
min. Earth dist.	-10342 Apr 12 j 11:30	11°♒08'30	0.59322 AU	
inferior conj	-10342 Apr 15 j 19:53	8°♒30'18	-3°08'17	
minimum elong	-10342 Apr 15 j 16:45	8°♒36'31	3°08'16	
morning rise	-10342 Apr 23 j 10:16	3°♒55'26		
direct	-10342 Apr 25 j 20:29	3°♒34'13		
morning max el	-10342 May 03 j 10:52	7°♒13'56	18°24'18	
asc. node	-10342 May 12 j 01:46	19°♒04'12		
	-10342 May 18 j 02:16	0°♓		
morning set	-10342 May 19 j 13:50	2°♓48'33		
superior conj	-10342 May 29 j 01:34	20°♓39'37	1°47'42	
minimum elong	-10342 May 29 j 00:05	20°♓32'48	1°47'30	
	-10342 Jun 03 j 06:25	0°♈		
max. Earth dist.	-10342 Jun 05 j 08:46	3°♈39'10	1.40241 AU	
evening rise	-10342 Jun 10 j 03:03	11°♈42'35		
	-10342 Jun 21 j 15:55	0°♉		
desc. node	-10342 Jun 27 j 22:59	9°♉18'10		
	-10342 Jul 14 j 02:08	0°♊		
evening max el	-10342 Jul 14 j 16:09	0°♊35'48	23°14'56	
retrograde	-10342 Jul 24 j 21:42	6°♊39'48		
evening set	-10342 Jul 29 j 21:36	4°♊33'05		
	-10342 Aug 02 j 21:17	30°℞♉		
inferior conj	-10342 Aug 04 j 03:03	28°♉18'10	-1°14'45	
minimum elong	-10342 Aug 04 j 04:34	28°♉12'56	1°13'43	
min. Earth dist.	-10342 Aug 03 j 21:57	28°♉35'45	0.67241 AU	
asc. node	-10342 Aug 08 j 02:24	23°♉18'55		
morning rise	-10342 Aug 09 j 11:26	22°♉03'39		
direct	-10342 Aug 13 j 16:49	20°♉24'33		
morning max el	-10342 Aug 22 j 14:46	25°♉44'33	21°37'19	
	-10342 Aug 26 j 09:08	0°♊		
	-10342 Sep 16 j 11:25	0°♋		
morning set	-10342 Sep 22 j 20:26	9°♋55'18		
desc. node	-10342 Sep 23 j 21:07	11°♋33'08		
max. Earth dist.	-10342 Sep 30 j 05:24	21°♋49'13	1.42078 AU	
	-10342 Oct 05 j 02:39	0°♌		
superior conj	-10342 Oct 07 j 12:00	4°♌05'47	-1°16'05	
minimum elong	-10342 Oct 07 j 07:31	3°♌46'28	1°15'09	
evening rise	-10342 Oct 18 j 12:13	23°♌43'53		
	-10342 Oct 21 j 23:04	0°♍		
evening max el	-10342 Nov 03 j 22:49	19°♍49'28	18°08'37	
asc. node	-10342 Nov 04 j 01:25	19°♍55'53		
retrograde	-10342 Nov 10 j 20:16	23°♍22'21		
evening set	-10342 Nov 13 j 09:35	22°♍53'30		
inferior conj	-10342 Nov 20 j 07:36	17°♍53'41	3°56'58	
minimum elong	-10342 Nov 20 j 04:31	18°♍00'54	3°56'42	
min. Earth dist.	-10342 Nov 23 j 07:04	15°♍07'43	0.61246 AU	
morning rise	-10342 Nov 26 j 22:14	12°♍15'17		
direct	-10342 Dec 03 j 22:22	9°♍54'34		
morning max el	-10342 Dec 17 j 20:43	17°♍23'16	27°24'39	
desc. node	-10342 Dec 20 j 22:12	20°♍33'33		
	-10342 Dec 28 j 11:28	0°♎		
	-10341 Jan 15 j 09:28	0°♏		
morning set	-10341 Jan 18 j 22:37	7°♏07'26		
max. Earth dist.	-10341 Jan 25 j 04:29	20°♏23'20	1.32866 AU	
superior conj	-10341 Jan 26 j 03:02	22°♏26'04	-0°45'31	
minimum elong	-10341 Jan 26 j 04:46	22°♏35'29	0°45'38	
	-10341 Jan 29 j 14:27	0°♐		
asc. node	-10341 Jan 30 j 23:18	2°♐57'03		
evening rise	-10341 Feb 02 j 03:37	7°♐34'47		
	-10341 Feb 14 j 00:28	0°♑		
evening max el	-10341 Feb 28 j 18:12	19°♑21'37	25°09'08	
retrograde	-10341 Mar 14 j 18:29	26°♑27'20		
desc. node	-10341 Mar 18 j 22:44	25°♑46'39		
evening set	-10341 Mar 19 j 18:21	25°♑29'31		
min. Earth dist.	-10341 Mar 25 j 07:25	22°♑30'24	0.57470 AU	
inferior conj	-10341 Mar 28 j 06:26	20°♑29'30	-2°13'33	
minimum elong	-10341 Mar 28 j 02:28	20°♑36'20	2°13'07	
morning rise	-10341 Apr 05 j 13:45	16°♑13'12		
direct	-10341 Apr 07 j 20:29	15°♑57'33		
morning max el	-10341 Apr 16 j 15:06	20°♑06'21	19°04'12	
	-10341 Apr 24 j 05:32	0°♒		
asc. node	-10341 Apr 28 j 22:40	8°♒15'51		
morning set	-10341 May 03 j 08:25	16°♒44'44		
	-10341 May 10 j 02:05	0°♓		
superior conj	-10341 May 11 j 22:31	3°♓34'50	1°37'04	
minimum elong	-10341 May 11 j 19:44	3°♓21'28	1°36'32	
max. Earth dist.	-10341 May 18 j 09:23	15°♓38'06	1.38362 AU	
evening rise	-10341 May 22 j 09:32	22°♓45'14		
	-10341 May 26 j 15:30	0°♈		
desc. node	-10341 Jun 14 j 20:23	29°♈09'20		
	-10341 Jun 15 j 11:21	0°♉		
evening max el	-10341 Jun 27 j 02:30	13°♉57'32	24°36'18	
retrograde	-10341 Jul 08 j 11:05	20°♉39'01		
evening set	-10341 Jul 14 j 01:59	18°♉12'31		
min. Earth dist.	-10341 Jul 18 j 16:12	12°♉51'47	0.67015 AU	
inferior conj	-10341 Jul 19 j 08:33	11°♉56'49	-1°59'03	
minimum elong	-10341 Jul 19 j 10:46	11°♉49'21	1°57'58	
morning rise	-10341 Jul 24 j 19:30	5°♉50'20		
asc. node	-10341 Jul 25 j 23:21	5°♉07'29		
direct	-10341 Jul 28 j 13:49	4°♉28'40		
morning max el	-10341 Aug 05 j 12:02	9°♉08'37	20°23'59	
	-10341 Aug 20 j 23:07	0°♊		
morning set	-10341 Sep 01 j 23:30	18°♊22'36		
	-10341 Sep 09 j 09:10	0°♋		
desc. node	-10341 Sep 10 j 18:07	2°♋11'07		
max. Earth dist.	-10341 Sep 12 j 15:37	5°♋13'16	1.43541 AU	
superior conj	-10341 Sep 18 j 03:50	14°♋10'39	-0°43'59	
minimum elong	-10341 Sep 17 j 23:40	13°♋53'33	0°42'55	
	-10341 Sep 27 j 13:34	0°♌		
evening rise	-10341 Oct 01 j 00:15	5°♌56'49		
	-10341 Oct 15 j 19:24	0°♍		
evening max el	-10341 Oct 18 j 11:48	3°♍07'16	18°11'04	
asc. node	-10341 Oct 21 j 22:40	5°♍49'20		
retrograde	-10341 Oct 25 j 02:45	6°♍40'15		
evening set	-10341 Oct 27 j 18:56	6°♍04'12		
inferior conj	-10341 Nov 03 j 06:01	0°♍44'22	3°21'58	
minimum elong	-10341 Nov 03 j 02:18	0°♍54'10	3°21'26	
	-10341 Nov 03 j 22:48	30°℞♌		
min. Earth dist.	-10341 Nov 05 j 17:35	28°♌08'05	0.62970 AU	
morning rise	-10341 Nov 09 j 08:50	24°♌51'02		
direct	-10341 Nov 16 j 10:12	22°♌11'04		
morning max el	-10341 Nov 30 j 03:05	29°♌44'03	27°35'08	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10341 Nov 30 j 09:36	0°♍	
desc. node	-10341 Dec 07 j 18:55	8°♍22'48	
	-10341 Dec 22 j 08:21	0°♎	
morning set	-10340 Jan 03 j 00:20	21°♎35'44	
	-10340 Jan 07 j 02:15	0°♏	
max. Earth dist.	-10340 Jan 08 j 12:54	3°♏03'21	1.33315 AU
superior conj	-10340 Jan 10 j 12:48	7°♏19'53	-1°05'16
minimum elong	-10340 Jan 10 j 14:59	7°♏31'37	1°05'15
evening rise	-10340 Jan 17 j 14:58	22°♏32'41	
asc. node	-10340 Jan 17 j 20:32	23°♏01'49	
	-10340 Jan 21 j 06:23	0°♐	
	-10340 Feb 10 j 05:34	0°♑	
evening max el	-10340 Feb 10 j 11:18	0°♑13'40	23°38'21
retrograde	-10340 Feb 23 j 23:16	6°♑51'47	
evening set	-10340 Feb 27 j 20:27	6°♑18'36	
desc. node	-10340 Mar 04 j 19:49	3°♑38'48	
min. Earth dist.	-10340 Mar 05 j 23:48	2°♑57'53	0.56080 AU
inferior conj	-10340 Mar 07 j 21:21	1°♑49'09	-0°47'12
minimum elong	-10340 Mar 07 j 19:25	1°♑52'05	0°47'12
	-10340 Mar 11 j 00:33	30°℞♐	
morning rise	-10340 Mar 16 j 20:56	27°♐45'33	
direct	-10340 Mar 19 j 02:19	27°♐32'59	
	-10340 Mar 26 j 10:34	0°♑	
morning max el	-10340 Mar 29 j 10:23	2°♑25'09	20°03'59
asc. node	-10340 Apr 14 j 19:35	27°♑51'54	
	-10340 Apr 15 j 21:14	0°♒	
morning set	-10340 Apr 16 j 11:01	1°♒09'26	
superior conj	-10340 Apr 24 j 09:34	17°♒15'50	1°20'14
minimum elong	-10340 Apr 24 j 06:37	17°♒01'02	1°19'25
max. Earth dist.	-10340 Apr 29 j 13:11	27°♒20'42	1.36616 AU
	-10340 Apr 30 j 22:48	0°♓	
evening rise	-10340 May 03 j 15:55	5°♓01'44	
	-10340 May 18 j 13:07	0°♈	
desc. node	-10340 May 31 j 17:50	18°♈31'31	
evening max el	-10340 Jun 08 j 12:16	27°♈20'40	25°49'57
	-10340 Jun 11 j 09:34	0°♉	
retrograde	-10340 Jun 20 j 20:13	4°♉30'38	
evening set	-10340 Jun 27 j 01:18	1°♉49'08	
	-10340 Jun 28 j 21:07	30°℞♈	
min. Earth dist.	-10340 Jul 01 j 06:31	27°♈07'22	0.66441 AU
inferior conj	-10340 Jul 02 j 11:21	25°♈34'46	-2°37'39
minimum elong	-10340 Jul 02 j 13:54	25°♈26'34	2°36'46
morning rise	-10340 Jul 08 j 02:33	19°♈39'24	
direct	-10340 Jul 11 j 11:46	18°♈33'05	
asc. node	-10340 Jul 11 j 20:15	18°♈33'47	
morning max el	-10340 Jul 18 j 15:55	22°♈40'00	19°23'30
	-10340 Jul 24 j 14:06	0°♉	
morning set	-10340 Aug 11 j 06:43	27°♉04'03	
	-10340 Aug 13 j 03:29	0°♊	
max. Earth dist.	-10340 Aug 25 j 06:37	19°♊07'18	1.44412 AU
superior conj	-10340 Aug 27 j 17:04	22°♊59'27	-0°00'28
minimum elong	-10340 Aug 27 j 17:04	22°♊59'29	0°00'07
behind sun begin	-10340 Aug 27 j 05:57	22°♊15'14	
behind sun end	-10340 Aug 28 j 04:11	23°♊43'46	
desc. node	-10340 Aug 27 j 15:13	22°♊52'07	
	-10340 Sep 01 j 02:12	0°♋	
evening rise	-10340 Sep 11 j 14:31	17°♋08'33	
	-10340 Sep 19 j 09:51	0°♌	
evening max el	-10340 Oct 01 j 01:01	16°♌32'26	18°31'47
retrograde	-10340 Oct 07 j 17:03	20°♌14'29	
asc. node	-10340 Oct 07 j 19:54	20°♌14'24	
evening set	-10340 Oct 10 j 14:13	19°♌28'44	
inferior conj	-10340 Oct 16 j 15:57	13°♌52'02	2°37'09
minimum elong	-10340 Oct 16 j 12:36	14°♌01'45	2°36'34
min. Earth dist.	-10340 Oct 18 j 14:19	11°♌37'31	0.64429 AU
morning rise	-10340 Oct 22 j 10:24	7°♌46'40	
direct	-10340 Oct 29 j 04:57	5°♌00'59	
morning max el	-10340 Nov 11 j 12:39	12°♌33'58	27°12'04
desc. node	-10340 Nov 23 j 15:36	27°♌07'41	
	-10340 Nov 25 j 16:29	0°♍	
	-10340 Dec 13 j 19:36	0°♎	
morning set	-10340 Dec 16 j 17:22	5°♎33'35	
max. Earth dist.	-10340 Dec 21 j 13:08	15°♎13'35	1.34155 AU
superior conj	-10340 Dec 24 j 18:48	21°♎58'21	-1°21'59
minimum elong	-10340 Dec 24 j 21:01	22°♎10'03	1°21'54
	-10340 Dec 28 j 13:35	0°♏	
evening rise	-10339 Jan 01 j 01:38	7°♏23'37	
asc. node	-10339 Jan 03 j 17:48	12°♏52'50	
	-10339 Jan 13 j 07:05	0°♐	
evening max el	-10339 Jan 22 j 06:44	11°♐08'42	22°05'04
retrograde	-10339 Feb 03 j 17:24	17°♐05'13	
evening set	-10339 Feb 06 j 18:23	16°♐44'44	
inferior conj	-10339 Feb 15 j 21:48	12°♐38'35	0°59'11
minimum elong	-10339 Feb 16 j 00:21	12°♐34'57	0°57'49
min. Earth dist.	-10339 Feb 15 j 14:40	12°♐48'45	0.55429 AU
desc. node	-10339 Feb 19 j 16:47	10°♐34'32	
morning rise	-10339 Feb 25 j 06:58	8°♐34'19	
direct	-10339 Feb 27 j 18:52	8°♐20'08	
morning max el	-10339 Mar 11 j 18:50	14°♐04'25	21°22'19
	-10339 Mar 23 j 12:21	0°♑	
morning set	-10339 Mar 31 j 19:00	15°♑54'51	
asc. node	-10339 Apr 01 j 16:32	17°♑46'05	
	-10339 Apr 07 j 13:09	0°♒	
superior conj	-10339 Apr 08 j 06:39	1°♒30'40	0°59'35
minimum elong	-10339 Apr 08 j 04:13	1°♒18'02	0°58'40
max. Earth dist.	-10339 Apr 12 j 01:26	9°♒13'24	1.35160 AU
evening rise	-10339 Apr 16 j 16:30	18°♒16'15	
	-10339 Apr 23 j 02:28	0°♓	
	-10339 May 12 j 16:23	0°♈	
desc. node	-10339 May 18 j 15:15	7°♈12'33	
evening max el	-10339 May 21 j 22:51	10°♈41'35	26°47'23
retrograde	-10339 Jun 04 j 00:39	18°♈08'21	
evening set	-10339 Jun 10 j 17:09	15°♈20'28	
min. Earth dist.	-10339 Jun 14 j 14:47	11°♈17'30	0.65484 AU
inferior conj	-10339 Jun 16 j 09:24	9°♈09'41	-3°08'45
minimum elong	-10339 Jun 16 j 11:47	9°♈02'29	3°08'16
morning rise	-10339 Jun 22 j 06:43	3°♈28'09	
direct	-10339 Jun 25 j 08:45	2°♈34'48	
asc. node	-10339 Jun 28 j 17:05	3°♈34'43	
morning max el	-10339 Jul 02 j 01:19	6°♈17'22	18°38'35
	-10339 Jul 18 j 07:15	0°♉	
morning set	-10339 Jul 22 j 10:35	6°♉44'00	
	-10339 Aug 05 j 22:32	0°♊	
superior conj	-10339 Aug 06 j 16:55	1°♊12'46	0°45'44
minimum elong	-10339 Aug 06 j 22:12	1°♊33'44	0°45'36
max. Earth dist.	-10339 Aug 07 j 23:19	3°♊13'04	1.44594 AU
desc. node	-10339 Aug 14 j 12:24	13°♊33'23	
evening rise	-10339 Aug 23 j 02:23	27°♊07'53	
	-10339 Aug 24 j 21:49	0°♋	
	-10339 Sep 14 j 11:27	0°♌	
evening max el	-10339 Sep 14 j 11:49	0°♌00'57	19°09'37
retrograde	-10339 Sep 21 j 11:49	4°♌00'19	
evening set	-10339 Sep 24 j 16:17	3°♌01'49	
asc. node	-10339 Sep 24 j 17:04	3°♌00'36	
	-10339 Sep 28 j 02:18	30°℞♋	
inferior conj	-10339 Sep 30 j 10:20	27°♋11'28	1°47'07
minimum elong	-10339 Sep 30 j 07:56	27°♋19'02	1°46'46
min. Earth dist.	-10339 Oct 01 j 20:04	25°♋25'47	0.65586 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10339 Oct 05 j 23:10	20°♋57'38	
direct	-10339 Oct 12 j 06:09	18°♋17'31	
morning max el	-10339 Oct 24 j 22:47	25°♋40'39	26°20'57
	-10339 Oct 28 j 23:22	0°♌	
desc. node	-10339 Nov 10 j 12:18	16°♌32'09	
	-10339 Nov 19 j 04:25	0°♍	
morning set	-10339 Nov 29 j 21:54	18°♍49'04	
max. Earth dist.	-10339 Dec 04 j 02:21	26°♍50'19	1.35428 AU
	-10339 Dec 05 j 16:42	0°♎	
superior conj	-10339 Dec 08 j 18:42	6°♎13'56	-1°34'29
minimum elong	-10339 Dec 08 j 20:25	6°♎22'42	1°34'22
evening rise	-10339 Dec 16 j 09:52	22°♎01'48	
	-10339 Dec 20 j 09:07	0°♏	
asc. node	-10339 Dec 21 j 15:06	2°♏23'54	
evening max el	-10338 Jan 04 j 09:42	22°♏27'46	20°40'48
retrograde	-10338 Jan 15 j 07:56	27°♏35'32	
evening set	-10338 Jan 17 j 23:22	27°♏18'46	
inferior conj	-10338 Jan 26 j 19:26	23°♏20'16	2°38'52
minimum elong	-10338 Jan 27 j 01:03	23°♏12'02	2°36'57
min. Earth dist.	-10338 Jan 28 j 04:45	22°♏31'28	0.55661 AU
morning rise	-10338 Feb 05 j 01:15	18°♏59'30	
desc. node	-10338 Feb 06 j 13:40	18°♏42'10	
direct	-10338 Feb 08 j 10:09	18°♏34'30	
morning max el	-10338 Feb 21 j 16:36	25°♏05'44	22°54'44
	-10338 Feb 26 j 04:19	0°♐	
	-10338 Mar 15 j 19:56	0°♑	
morning set	-10338 Mar 16 j 06:09	0°♑53'12	
asc. node	-10338 Mar 19 j 13:31	7°♑52'33	
superior conj	-10338 Mar 23 j 10:35	16°♑08'46	0°36'49
minimum elong	-10338 Mar 23 j 09:02	16°♑00'29	0°35'57
max. Earth dist.	-10338 Mar 25 j 23:55	21°♑31'41	1.34060 AU
	-10338 Mar 30 j 03:23	0°♒	
evening rise	-10338 Mar 31 j 06:07	2°♒12'39	
	-10338 Apr 15 j 23:59	0°♓	
evening max el	-10338 May 04 j 09:38	23°♓50'34	27°20'49
desc. node	-10338 May 05 j 12:37	24°♓54'29	
	-10338 May 12 j 14:05	0°♈	
retrograde	-10338 May 17 j 23:31	1°♈23'14	
	-10338 May 22 j 23:33	30°℞♓	
evening set	-10338 May 24 j 22:33	28°♓40'57	
min. Earth dist.	-10338 May 28 j 15:06	25°♓12'50	0.64134 AU
inferior conj	-10338 May 31 j 00:12	22°♓36'30	-3°29'53
minimum elong	-10338 May 31 j 01:49	22°♓32'06	3°29'52
morning rise	-10338 Jun 06 j 05:44	17°♓11'17	
direct	-10338 Jun 09 j 02:18	16°♓28'47	
morning max el	-10338 Jun 15 j 14:08	19°♓56'09	18°10'47
asc. node	-10338 Jun 15 j 13:53	19°♓55'31	
	-10338 Jun 23 j 02:55	0°♈	
morning set	-10338 Jul 03 j 16:02	17°♈35'24	
	-10338 Jul 11 j 01:01	0°♉	
superior conj	-10338 Jul 17 j 01:36	9°♉53'28	1°22'41
minimum elong	-10338 Jul 17 j 07:56	10°♉19'11	1°22'27
max. Earth dist.	-10338 Jul 21 j 14:50	17°♉12'57	1.44070 AU
	-10338 Jul 29 j 17:10	0°♊	
desc. node	-10338 Aug 01 j 09:41	4°♊11'35	
evening rise	-10338 Aug 02 j 13:16	5°♊58'45	
greatest brilliancy	-10338 Aug 15 j 11:21	25°♊45'01	-0.7m
	-10338 Aug 18 j 08:23	0°♋	
evening max el	-10338 Aug 28 j 17:49	13°♋29'20	20°03'17
retrograde	-10338 Sep 05 j 08:23	17°♋54'35	
evening set	-10338 Sep 08 j 22:33	16°♋39'54	
asc. node	-10338 Sep 11 j 14:08	14°♋13'21	
inferior conj	-10338 Sep 14 j 10:40	10°♋39'04	0°54'59
minimum elong	-10338 Sep 14 j 09:25	10°♋43'13	0°55'03
min. Earth dist.	-10338 Sep 15 j 08:47	9°♋25'54	0.66430 AU
morning rise	-10338 Sep 19 j 20:01	4°♋20'28	
direct	-10338 Sep 25 j 12:58	1°♋53'54	
morning max el	-10338 Oct 07 j 08:17	8°♋54'03	25°09'57
	-10338 Oct 24 j 01:13	0°♌	
desc. node	-10338 Oct 28 j 09:03	6°♌25'09	
	-10338 Nov 11 j 17:38	0°♍	
morning set	-10338 Nov 12 j 09:06	1°♍08'42	
max. Earth dist.	-10338 Nov 16 j 05:24	8°♍08'45	1.37112 AU
superior conj	-10338 Nov 22 j 09:35	19°♍58'10	-1°41'09
minimum elong	-10338 Nov 22 j 10:08	20°♍00'48	1°40'58
	-10338 Nov 27 j 10:02	0°♎	
evening rise	-10338 Nov 30 j 13:47	6°♎22'03	
asc. node	-10338 Dec 08 j 12:24	21°♎27'57	
	-10338 Dec 14 j 02:21	0°♏	
evening max el	-10338 Dec 17 j 22:42	4°♏20'41	19°32'44
retrograde	-10338 Dec 27 j 07:05	8°♏45'35	
evening set	-10338 Dec 29 j 19:51	8°♏27'39	
inferior conj	-10337 Jan 07 j 03:16	4°♏20'15	3°46'27
minimum elong	-10337 Jan 07 j 07:45	4°♏12'56	3°45'28
min. Earth dist.	-10337 Jan 09 j 18:25	2°♏38'03	0.56708 AU
	-10337 Jan 14 j 15:32	30°℞♎	
morning rise	-10337 Jan 15 j 17:29	29°♎35'13	
direct	-10337 Jan 20 j 10:03	28°♎45'22	
desc. node	-10337 Jan 24 j 10:27	29°♎22'37	
	-10337 Jan 26 j 02:58	0°♏	
morning max el	-10337 Feb 03 j 07:54	5°♏46'37	24°31'47
	-10337 Feb 20 j 15:34	0°♐	
morning set	-10337 Feb 28 j 18:38	15°♐58'07	
asc. node	-10337 Mar 06 j 10:35	28°♐06'51	
	-10337 Mar 07 j 07:30	0°♑	
superior conj	-10337 Mar 07 j 19:03	1°♑02'30	0°13'10
minimum elong	-10337 Mar 07 j 18:31	0°♑59'34	0°12'29
behind sun begin	-10337 Mar 07 j 15:22	0°♑42'37	
behind sun end	-10337 Mar 07 j 21:39	1°♑16'30	
max. Earth dist.	-10337 Mar 09 j 07:01	4°♑16'09	1.33307 AU
evening rise	-10337 Mar 15 j 04:57	16°♑38'33	
	-10337 Mar 22 j 03:21	0°♒	
	-10337 Apr 10 j 18:09	0°♓	
evening max el	-10337 Apr 16 j 18:37	6°♓35'58	27°24'10
desc. node	-10337 Apr 22 j 09:54	11°♓13'15	
retrograde	-10337 Apr 30 j 15:58	14°♓07'19	
evening set	-10337 May 07 j 14:10	11°♓43'55	
min. Earth dist.	-10337 May 11 j 06:14	8°♓41'54	0.62431 AU
inferior conj	-10337 May 14 j 04:52	5°♓49'32	-3°37'25
minimum elong	-10337 May 14 j 04:57	5°♓49'19	3°37'43
morning rise	-10337 May 20 j 21:02	0°♓42'54	
direct	-10337 May 23 j 13:21	0°♓09'35	
morning max el	-10337 May 30 j 04:06	3°♓31'54	18°01'07
asc. node	-10337 Jun 02 j 10:42	7°♓20'46	
morning set	-10337 Jun 15 j 20:31	29°♓32'42	
	-10337 Jun 16 j 02:39	0°♈	
superior conj	-10337 Jun 27 j 10:43	19°♈46'17	1°43'51
minimum elong	-10337 Jun 27 j 14:05	20°♈00'28	1°43'50
	-10337 Jul 03 j 14:16	0°♉	
max. Earth dist.	-10337 Jul 04 j 02:49	0°♉51'16	1.42919 AU
evening rise	-10337 Jul 12 j 13:50	14°♉21'26	
desc. node	-10337 Jul 19 j 07:01	24°♉43'01	
	-10337 Jul 22 j 18:59	0°♊	
evening max el	-10337 Aug 11 j 17:18	26°♊54'28	21°10'31
	-10337 Aug 15 j 05:58	0°♋	
retrograde	-10337 Aug 20 j 04:46	1°♋54'04	
evening set	-10337 Aug 24 j 06:47	0°♋20'13	
	-10337 Aug 24 j 16:45	30°℞♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10337 Aug 29 j 11:10	24°♊23'59	
inferior conj	-10337 Aug 29 j 14:46	24°♊11'39	0°02'55
minimum elong	-10337 Aug 29 j 14:42	24°♊11'55	0°03'27
transit middle	-10337 Aug 29 j 14:42	24°♊11'55	0°03'27
transit begin	-10337 Aug 29 j 12:02	24°♊21'00	
transit end	-10337 Aug 29 j 17:21	24°♊02'50	
min. Earth dist.	-10337 Aug 30 j 02:05	23°♊32'59	0.66977 AU
morning rise	-10337 Sep 03 j 22:28	17°♊51'58	
direct	-10337 Sep 09 j 00:49	15°♊43'18	
morning max el	-10337 Sep 19 j 18:02	22°♊08'53	23°47'58
	-10337 Sep 26 j 13:42	0°♋	
desc. node	-10337 Oct 15 j 05:51	26°♋37'41	
	-10337 Oct 17 j 09:21	0°♌	
morning set	-10337 Oct 24 j 21:20	12°♌17'10	
max. Earth dist.	-10337 Oct 29 j 03:47	19°♌39'26	1.39069 AU
	-10337 Nov 03 j 21:07	0°♍	
superior conj	-10337 Nov 05 j 11:24	2°♍58'37	-1°39'57
minimum elong	-10337 Nov 05 j 10:04	2°♍52'21	1°39'35
evening rise	-10337 Nov 14 j 11:02	20°♍17'17	
	-10337 Nov 19 j 13:13	0°♎	
asc. node	-10337 Nov 25 j 09:42	9°♎55'06	
evening max el	-10337 Nov 30 j 21:23	16°♎45'24	18°44'05
retrograde	-10337 Dec 08 j 23:15	20°♎40'19	
evening set	-10337 Dec 11 j 11:19	20°♎19'13	
inferior conj	-10337 Dec 19 j 05:04	15°♎53'05	4°14'32
minimum elong	-10337 Dec 19 j 06:02	15°♎51'17	4°14'24
min. Earth dist.	-10337 Dec 22 j 09:40	13°♎30'30	0.58317 AU
morning rise	-10337 Dec 26 j 22:50	10°♎44'14	
direct	-10336 Jan 01 j 21:21	9°♎18'11	
desc. node	-10336 Jan 11 j 07:12	12°♎42'12	
morning max el	-10336 Jan 15 j 23:32	16°♎34'49	25°59'19
	-10336 Jan 26 j 23:35	0°♏	
	-10336 Feb 12 j 18:43	0°♐	
morning set	-10336 Feb 13 j 06:37	1°♐02'08	
superior conj	-10336 Feb 20 j 06:03	16°♐04'09	-0°10'26
minimum elong	-10336 Feb 20 j 06:31	16°♐06'39	0°10'54
behind sun begin	-10336 Feb 20 j 02:52	15°♐46'47	
behind sun end	-10336 Feb 20 j 10:09	16°♐26'31	
max. Earth dist.	-10336 Feb 20 j 19:13	17°♐15'57	1.32877 AU
asc. node	-10336 Feb 21 j 07:43	18°♐23'56	
	-10336 Feb 26 j 17:57	0°♑	
evening rise	-10336 Feb 27 j 09:57	1°♑22'58	
	-10336 Mar 14 j 04:50	0°♒	
evening max el	-10336 Mar 28 j 23:11	18°♒46'19	26°54'48
desc. node	-10336 Apr 08 j 07:06	25°♒36'58	
retrograde	-10336 Apr 12 j 00:50	26°♒12'47	
evening set	-10336 Apr 18 j 12:37	24°♒19'44	
min. Earth dist.	-10336 Apr 22 j 12:16	21°♒30'32	0.60477 AU
inferior conj	-10336 Apr 25 j 19:52	18°♒40'40	-3°26'04
minimum elong	-10336 Apr 25 j 17:53	18°♒44'56	3°26'17
morning rise	-10336 May 03 j 01:23	13°♒54'22	
direct	-10336 May 05 j 13:56	13°♒29'02	
morning max el	-10336 May 12 j 16:37	16°♒58'08	18°10'21
asc. node	-10336 May 19 j 07:33	25°♒36'22	
	-10336 May 21 j 23:05	0°♓	
morning set	-10336 May 28 j 19:19	12°♓24'55	
	-10336 Jun 07 j 09:20	0°♈	
superior conj	-10336 Jun 07 j 22:52	1°♈00'23	1°49'48
minimum elong	-10336 Jun 07 j 22:48	1°♈00'02	1°49'45
max. Earth dist.	-10336 Jun 15 j 09:11	13°♈52'36	1.41296 AU
evening rise	-10336 Jun 21 j 02:38	23°♈19'39	
	-10336 Jun 25 j 07:04	0°♉	
desc. node	-10336 Jul 05 j 04:23	15°♉03'37	
	-10336 Jul 15 j 19:19	0°♊	

evening max el	-10336 Jul 24 j 09:59	10°♊16'03	22°27'50
retrograde	-10336 Aug 02 j 23:25	15°♊56'22	
evening set	-10336 Aug 07 j 15:01	14°♊01'31	
inferior conj	-10336 Aug 12 j 20:49	7°♊48'00	-0°47'17
minimum elong	-10336 Aug 12 j 21:48	7°♊44'35	0°46'23
min. Earth dist.	-10336 Aug 12 j 21:41	7°♊44'59	0.67230 AU
asc. node	-10336 Aug 15 j 08:09	4°♊29'45	
morning rise	-10336 Aug 18 j 04:30	1°♊30'41	
	-10336 Aug 20 j 19:15	30°℞♉	
direct	-10336 Aug 22 j 16:59	29°♉41'10	
	-10336 Aug 24 j 16:52	0°♊	
morning max el	-10336 Sep 01 j 06:30	5°♊25'40	22°23'47
	-10336 Sep 19 j 22:37	0°♋	
desc. node	-10336 Oct 01 j 02:46	17°♋03'54	
morning set	-10336 Oct 04 j 06:51	22°♋07'43	
	-10336 Oct 09 j 01:58	0°♌	
max. Earth dist.	-10336 Oct 10 j 04:09	1°♌49'42	1.41044 AU
superior conj	-10336 Oct 17 j 19:03	15°♌01'46	-1°28'24
minimum elong	-10336 Oct 17 j 15:32	14°♌46'05	1°27'42
	-10336 Oct 25 j 23:25	0°♍	
evening rise	-10336 Oct 27 j 22:38	3°♍40'34	
asc. node	-10336 Nov 11 j 06:59	27°♍34'03	
evening max el	-10336 Nov 13 j 03:48	29°♍36'37	18°15'47
	-10336 Nov 13 j 13:33	0°♎	
retrograde	-10336 Nov 20 j 09:05	3°♎14'31	
evening set	-10336 Nov 22 j 21:25	2°♎49'03	
	-10336 Nov 27 j 17:21	30°℞♍	
inferior conj	-10336 Nov 30 j 02:18	28°♍01'25	4°10'05
minimum elong	-10336 Nov 30 j 00:14	28°♍05'52	4°10'00
min. Earth dist.	-10336 Dec 03 j 06:19	25°♍17'48	0.60175 AU
morning rise	-10336 Dec 07 j 01:33	22°♍32'25	
direct	-10336 Dec 13 j 19:44	20°♍29'09	
morning max el	-10336 Dec 27 j 20:38	27°♍54'49	27°02'48
desc. node	-10336 Dec 28 j 03:57	28°♍12'32	
	-10336 Dec 29 j 22:08	0°♎	
	-10335 Jan 19 j 11:57	0°♏	
morning set	-10335 Jan 27 j 16:19	15°♏58'32	
	-10335 Feb 03 j 05:29	0°♐	
superior conj	-10335 Feb 03 j 17:54	1°♐07'47	-0°33'09
minimum elong	-10335 Feb 03 j 19:14	1°♐15'03	0°33'23
max. Earth dist.	-10335 Feb 03 j 08:47	0°♐18'00	1.32769 AU
asc. node	-10335 Feb 07 j 04:53	8°♐39'46	
evening rise	-10335 Feb 10 j 18:53	16°♐17'55	
	-10335 Feb 17 j 16:53	0°♑	
	-10335 Mar 10 j 14:33	0°♒	
evening max el	-10335 Mar 10 j 21:56	0°♒17'48	25°54'42
retrograde	-10335 Mar 25 j 00:43	7°♒34'35	
desc. node	-10335 Mar 26 j 04:16	7°♒31'20	
evening set	-10335 Mar 30 j 15:44	6°♒17'24	
min. Earth dist.	-10335 Apr 04 j 11:05	3°♒25'38	0.58492 AU
inferior conj	-10335 Apr 07 j 17:34	1°♒00'37	-2°48'59
minimum elong	-10335 Apr 07 j 13:49	1°♒07'36	2°48'46
	-10335 Apr 09 j 02:40	30°℞♑	
morning rise	-10335 Apr 15 j 15:02	26°♑34'31	
direct	-10335 Apr 17 j 23:41	26°♑15'57	
	-10335 Apr 25 j 22:16	0°♒	
morning max el	-10335 Apr 26 j 00:48	0°♒05'58	18°38'58
asc. node	-10335 May 06 j 04:26	14°♒30'11	
morning set	-10335 May 12 j 07:47	26°♒00'25	
	-10335 May 14 j 09:20	0°♓	
superior conj	-10335 May 21 j 09:30	13°♓23'21	1°44'09
minimum elong	-10335 May 21 j 07:17	13°♓13'03	1°43'48
max. Earth dist.	-10335 May 28 j 10:13	26°♓09'34	1.39431 AU
	-10335 May 30 j 15:07	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10335 Jun 01 j 17:19	3°♈34'30		
	-10335 Jun 18 j 12:01	0°♉		
desc. node	-10335 Jun 22 j 01:47	5°♉07'42		
evening max el	-10335 Jul 06 j 21:40	23°♉36'22	23°49'51	
retrograde	-10335 Jul 17 j 15:08	29°♉57'50		
evening set	-10335 Jul 22 j 21:23	27°♉42'14		
min. Earth dist.	-10335 Jul 27 j 17:11	22°♉00'02	0.67184 AU	
inferior conj	-10335 Jul 28 j 03:01	21°♉26'24	-1°34'09	
minimum elong	-10335 Jul 28 j 04:52	21°♉20'04	1°33'04	
asc. node	-10335 Aug 02 j 05:07	15°♉29'05		
morning rise	-10335 Aug 02 j 12:18	15°♉14'52		
direct	-10335 Aug 06 j 12:37	13°♉43'37		
morning max el	-10335 Aug 15 j 00:06	18°♉46'22	21°04'44	
	-10335 Aug 24 j 00:43	0°♊		
	-10335 Sep 13 j 03:21	0°♋		
morning set	-10335 Sep 13 j 16:57	0°♋53'09		
desc. node	-10335 Sep 17 j 23:45	7°♋38'42		
max. Earth dist.	-10335 Sep 22 j 10:03	14°♋46'33	1.42762 AU	
superior conj	-10335 Sep 29 j 02:41	25°♋52'33	-1°04'06	
minimum elong	-10335 Sep 28 j 21:56	25°♋32'30	1°03'03	
	-10335 Oct 01 j 12:50	0°♌		
evening rise	-10335 Oct 10 j 20:38	16°♌22'09		
	-10335 Oct 18 j 14:40	0°♍		
evening max el	-10335 Oct 27 j 15:15	12°♍46'50	18°07'22	
asc. node	-10335 Oct 29 j 04:14	14°♍10'34		
retrograde	-10335 Nov 03 j 09:06	16°♍18'47		
evening set	-10335 Nov 05 j 23:18	15°♍47'17		
inferior conj	-10335 Nov 12 j 16:31	10°♍38'52	3°43'42	
minimum elong	-10335 Nov 12 j 12:59	10°♍47'32	3°43'17	
min. Earth dist.	-10335 Nov 15 j 11:24	7°♍54'45	0.62005 AU	
morning rise	-10335 Nov 19 j 01:36	4°♍53'32		
direct	-10335 Nov 26 j 03:24	2°♍22'36		
morning max el	-10335 Dec 10 j 00:02	9°♍54'26	27°33'23	
desc. node	-10335 Dec 15 j 00:41	15°♍19'36		
	-10335 Dec 25 j 18:45	0°♎		
morning set	-10334 Jan 11 j 21:40	0°♏39'59		
	-10334 Jan 11 j 13:48	0°♏		
max. Earth dist.	-10334 Jan 17 j 20:02	13°♏09'26	1.33002 AU	
superior conj	-10334 Jan 19 j 04:57	16°♏07'33	-0°54'13	
minimum elong	-10334 Jan 19 j 06:55	16°♏18'12	0°54'16	
asc. node	-10334 Jan 25 j 02:05	28°♏50'14		
	-10334 Jan 25 j 15:15	0°♐		
evening rise	-10334 Jan 26 j 05:50	1°♐16'55		
	-10334 Feb 11 j 05:34	0°♑		
evening max el	-10334 Feb 20 j 16:14	11°♑19'59	24°31'48	
retrograde	-10334 Mar 06 j 13:16	18°♑16'23		
evening set	-10334 Mar 11 j 01:09	17°♑30'42		
desc. node	-10334 Mar 13 j 01:22	16°♑42'50		
min. Earth dist.	-10334 Mar 17 j 05:31	14°♑23'33	0.56792 AU	
inferior conj	-10334 Mar 19 j 19:38	12°♑43'26	-1°40'32	
minimum elong	-10334 Mar 19 j 16:06	12°♑49'09	1°40'07	
morning rise	-10334 Mar 28 j 10:13	8°♑33'38		
direct	-10334 Mar 30 j 15:35	8°♑19'50		
morning max el	-10334 Apr 09 j 01:40	12°♑46'00	19°27'18	
	-10334 Apr 20 j 23:48	0°♒		
asc. node	-10334 Apr 23 j 01:20	3°♒53'22		
morning set	-10334 Apr 26 j 06:10	10°♒09'57		
superior conj	-10334 May 04 j 13:02	26°♒40'04	1°30'32	
minimum elong	-10334 May 04 j 10:04	26°♒25'33	1°29'52	
	-10334 May 06 j 06:12	0°♓		
max. Earth dist.	-10334 May 10 j 11:01	7°♓56'50	1.37587 AU	
evening rise	-10334 May 14 j 10:42	15°♓11'06		
	-10334 May 23 j 04:08	0°♈		
desc. node	-10334 Jun 08 j 23:12	24°♈48'05		
	-10334 Jun 13 j 01:17	0°♉		
evening max el	-10334 Jun 19 j 07:30	6°♉59'14	25°09'04	
retrograde	-10334 Jul 01 j 02:56	13°♉54'39		
evening set	-10334 Jul 06 j 23:54	11°♉21'12		
min. Earth dist.	-10334 Jul 11 j 10:11	6°♉16'34	0.66815 AU	
inferior conj	-10334 Jul 12 j 07:37	5°♉05'37	-2°16'12	
minimum elong	-10334 Jul 12 j 10:02	4°♉57'38	2°15'11	
	-10334 Jul 16 j 15:51	30°℞♈		
morning rise	-10334 Jul 17 j 20:09	29°♈03'12		
asc. node	-10334 Jul 20 j 02:02	27°♈58'41		
direct	-10334 Jul 21 j 10:19	27°♈48'20		
	-10334 Jul 26 j 13:53	0°♉		
morning max el	-10334 Jul 29 j 00:11	2°♉13'36	19°56'23	
	-10334 Aug 17 j 18:45	0°♊		
morning set	-10334 Aug 23 j 19:09	9°♊19'18		
desc. node	-10334 Sep 04 j 20:47	28°♊18'34		
max. Earth dist.	-10334 Sep 04 j 22:06	28°♊23'48	1.43996 AU	
	-10334 Sep 05 j 22:11	0°♋		
superior conj	-10334 Sep 09 j 06:38	5°♋23'33	-0°26'34	
minimum elong	-10334 Sep 09 j 03:48	5°♋12'04	0°25'37	
evening rise	-10334 Sep 23 j 00:04	28°♋10'36		
	-10334 Sep 24 j 01:50	0°♌		
evening max el	-10334 Oct 11 j 04:44	26°♌08'57	18°17'45	
asc. node	-10334 Oct 16 j 01:30	29°♌28'30		
retrograde	-10334 Oct 17 j 19:12	29°♌44'26		
evening set	-10334 Oct 20 j 13:15	29°♌04'37		
inferior conj	-10334 Oct 26 j 20:12	23°♌37'31	3°03'49	
minimum elong	-10334 Oct 26 j 16:33	23°♌47'35	3°03'13	
min. Earth dist.	-10334 Oct 29 j 02:17	21°♌09'10	0.63633 AU	
morning rise	-10334 Nov 01 j 19:06	17°♌38'50		
direct	-10334 Nov 08 j 18:34	14°♌54'33		
morning max el	-10334 Nov 22 j 07:51	22°♌28'25	27°29'05	
	-10334 Nov 29 j 02:08	0°♍		
desc. node	-10334 Dec 01 j 21:22	3°♍35'03		
	-10334 Dec 18 j 21:31	0°♎		
morning set	-10334 Dec 26 j 20:02	14°♎56'35		
max. Earth dist.	-10333 Jan 01 j 01:09	25°♎36'57	1.33617 AU	
	-10333 Jan 03 j 02:51	0°♏		
superior conj	-10333 Jan 03 j 13:21	0°♏56'01	-1°12'49	
minimum elong	-10333 Jan 03 j 15:36	1°♏08'04	1°12'45	
evening rise	-10333 Jan 10 j 17:04	16°♏12'42		
asc. node	-10333 Jan 11 j 23:20	18°♏50'03		
	-10333 Jan 17 j 16:03	0°♐		
evening max el	-10333 Feb 02 j 09:48	22°♐11'07	22°58'21	
retrograde	-10333 Feb 15 j 12:41	28°♐32'26		
evening set	-10333 Feb 18 j 23:57	28°♐06'11		
min. Earth dist.	-10333 Feb 26 j 21:19	24°♐32'28	0.55698 AU	
desc. node	-10333 Feb 27 j 22:24	23°♐55'55		
inferior conj	-10333 Feb 28 j 03:23	23°♐48'37	-0°03'15	
minimum elong	-10333 Feb 28 j 03:13	23°♐48'52	0°03'46	
transit middle	-10333 Feb 28 j 03:13	23°♐48'52	0°03'46	
transit begin	-10333 Feb 27 j 23:16	23°♐54'38		
transit end	-10333 Feb 28 j 07:10	23°♐43'06		
morning rise	-10333 Mar 09 j 08:12	19°♐46'18		
direct	-10333 Mar 11 j 15:02	19°♐33'42		
morning max el	-10333 Mar 22 j 16:23	24°♐48'05	20°35'09	
	-10333 Mar 27 j 06:53	0°♑		
asc. node	-10333 Apr 09 j 22:15	23°♑37'47		
morning set	-10333 Apr 10 j 11:20	24°♑44'14		
	-10333 Apr 13 j 00:52	0°♒		
superior conj	-10333 Apr 18 j 04:44	10°♒36'17	1°11'49	
minimum elong	-10333 Apr 18 j 01:56	10°♒22'03	1°10'57	
max. Earth dist.	-10333 Apr 22 j 18:02	19°♒41'10	1.35959 AU	
evening rise	-10333 Apr 27 j 01:30	27°♒54'16		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10333	Apr	28	j 04:44	0°♓				-10332	Apr	19	j 14:13	0°♓	
	-10333	May	16	j 10:57	0°♈				-10332	May	10	j 16:56	0°♈	
desc. node	-10333	May	26	j 20:37	13°♈54'28			desc. node	-10332	May	12	j 18:00	2°♈12'33	
evening max el	-10333	Jun	01	j 17:47	20°♈23'03	26°16'57		evening max el	-10332	May	14	j 04:40	3°♈40'04	27°04'59
retrograde	-10333	Jun	14	j 10:01	27°♈41'00			retrograde	-10332	May	27	j 11:53	11°♈09'42	
evening set	-10333	Jun	20	j 20:21	24°♈55'52			evening set	-10332	Jun	03	j 08:05	8°♈22'34	
min. Earth dist.	-10333	Jun	24	j 22:15	20°♈30'35	0.66081 AU		min. Earth dist.	-10332	Jun	07	j 03:10	4°♈35'23	0.64958 AU
inferior conj	-10333	Jun	26	j 08:41	18°♈42'54	-2°51'53		inferior conj	-10332	Jun	09	j 03:56	2°♈14'27	-3°19'09
minimum elong	-10333	Jun	26	j 11:14	18°♈34'53	2°51'09		minimum elong	-10332	Jun	09	j 06:05	2°♈08'13	3°18'52
morning rise	-10333	Jul	02	j 02:13	12°♈52'52				-10332	Jun	11	j 03:54	30°♓℞	
direct	-10333	Jul	05	j 08:14	11°♈52'09			morning rise	-10332	Jun	15	j 04:28	26°♓39'40	
asc. node	-10333	Jul	06	j 22:53	12°♈06'31			direct	-10332	Jun	18	j 04:06	25°♓51'03	
morning max el	-10333	Jul	12	j 06:30	15°♈47'29	19°02'22		asc. node	-10332	Jun	22	j 19:42	27°♓43'02	
	-10333	Jul	22	j 18:31	0°♉			morning max el	-10332	Jun	24	j 17:36	29°♓25'35	18°24'40
morning set	-10333	Aug	03	j 09:55	18°♉22'55				-10332	Jun	25	j 06:49	0°♈	
	-10333	Aug	10	j 17:38	0°♊			morning set	-10332	Jul	14	j 00:37	28°♈33'09	
max. Earth dist.	-10333	Aug	18	j 14:29	12°♊26'36	1.44582 AU			-10332	Jul	14	j 21:38	0°♉	
superior conj	-10333	Aug	19	j 11:51	13°♊51'06	0°19'32		superior conj	-10332	Jul	28	j 12:37	22°♉07'41	1°03'07
minimum elong	-10333	Aug	19	j 14:19	14°♊00'54	0°19'46		minimum elong	-10332	Jul	28	j 19:02	22°♉33'16	1°02'53
desc. node	-10333	Aug	22	j 17:54	19°♊00'28			max. Earth dist.	-10332	Jul	31	j 07:39	26°♉34'14	1.44453 AU
	-10333	Aug	29	j 15:15	0°♋				-10332	Aug	02	j 11:38	0°♊	
evening rise	-10333	Sep	04	j 03:32	8°♋53'18			desc. node	-10332	Aug	08	j 15:08	9°♊40'48	
	-10333	Sep	17	j 09:08	0°♌			evening rise	-10332	Aug	14	j 03:58	18°♊21'38	
evening max el	-10333	Sep	24	j 17:21	9°♌37'13	18°45'50			-10332	Aug	21	j 14:55	0°♋	
retrograde	-10333	Oct	01	j 11:44	13°♌25'12			greatest brilliancy	-10332	Aug	24	j 15:10	4°♋38'52	-0.7m
asc. node	-10333	Oct	02	j 22:41	13°♌13'12			evening max el	-10332	Sep	07	j 02:21	23°♋06'04	19°30'33
evening set	-10333	Oct	04	j 11:50	12°♌34'16			retrograde	-10332	Sep	14	j 07:38	27°♋15'24	
inferior conj	-10333	Oct	10	j 10:05	6°♌51'21	2°16'21		evening set	-10332	Sep	17	j 16:00	26°♋10'16	
minimum elong	-10333	Oct	10	j 07:05	7°♌00'21	2°15'51		asc. node	-10332	Sep	18	j 19:49	25°♋18'02	
min. Earth dist.	-10333	Oct	12	j 02:55	4°♌48'44	0.64966 AU		inferior conj	-10332	Sep	23	j 07:17	20°♋14'49	1°25'06
morning rise	-10333	Oct	16	j 01:53	0°♌42'15			minimum elong	-10332	Sep	23	j 05:21	20°♋21'03	1°24'56
	-10333	Oct	16	j 23:26	30°℞♋			min. Earth dist.	-10332	Sep	24	j 11:50	18°♋43'00	0.65982 AU
direct	-10333	Oct	22	j 16:03	27°♋57'52			morning rise	-10332	Sep	28	j 18:24	13°♋58'32	
	-10333	Oct	28	j 23:58	0°♌			direct	-10332	Oct	04	j 19:28	11°♋23'48	
morning max el	-10333	Nov	04	j 17:47	5°♌27'06	26°53'18		morning max el	-10332	Oct	17	j 03:52	18°♋38'28	25°52'43
desc. node	-10333	Nov	18	j 18:04	22°♌39'03				-10332	Oct	26	j 20:49	0°♌	
	-10333	Nov	23	j 17:21	0°♍			desc. node	-10332	Nov	04	j 14:47	12°♌16'56	
morning set	-10333	Dec	10	j 08:15	28°♍38'10				-10332	Nov	15	j 17:27	0°♍	
	-10333	Dec	11	j 01:15	0°♎			morning set	-10332	Nov	22	j 06:03	11°♍31'40	
max. Earth dist.	-10333	Dec	14	j 21:01	7°♎33'33	1.34651 AU		max. Earth dist.	-10332	Nov	26	j 05:57	19°♍01'26	1.36109 AU
superior conj	-10333	Dec	18	j 17:05	15°♎26'12	-1°27'54		superior conj	-10332	Dec	01	j 13:32	29°♍29'30	-1°38'08
minimum elong	-10333	Dec	18	j 19:10	15°♎37'03	1°27'47		minimum elong	-10332	Dec	01	j 14:50	29°♍36'04	1°38'00
	-10333	Dec	25	j 15:29	0°♏				-10332	Dec	01	j 19:35	0°♎	
evening rise	-10333	Dec	26	j 02:56	0°♏59'31			evening rise	-10332	Dec	09	j 09:36	15°♎30'58	
asc. node	-10333	Dec	29	j 20:36	8°♏33'44			asc. node	-10332	Dec	15	j 17:55	27°♎54'28	
	-10332	Jan	12	j 06:01	0°♐				-10332	Dec	16	j 21:51	0°♏	
evening max el	-10332	Jan	15	j 07:55	3°♐14'20	21°27'31		evening max el	-10332	Dec	27	j 14:51	14°♏46'35	20°09'26
retrograde	-10332	Jan	27	j 03:30	8°♐49'50			retrograde	-10331	Jan	06	j 20:40	19°♏35'20	
evening set	-10332	Jan	29	j 23:34	8°♐31'34			evening set	-10331	Jan	09	j 10:23	19°♏18'28	
inferior conj	-10332	Feb	08	j 00:51	4°♐30'56	1°44'06		inferior conj	-10331	Jan	18	j 01:21	15°♏17'23	3°12'26
minimum elong	-10332	Feb	08	j 05:08	4°♐24'49	1°42'17		minimum elong	-10331	Jan	18	j 06:59	15°♏08'48	3°10'48
min. Earth dist.	-10332	Feb	08	j 11:27	4°♐15'50	0.55428 AU		min. Earth dist.	-10331	Jan	20	j 00:59	14°♏05'02	0.56021 AU
desc. node	-10332	Feb	14	j 19:19	1°♐07'15			morning rise	-10331	Jan	27	j 01:44	10°♏46'47	
morning rise	-10332	Feb	17	j 10:24	0°♐21'41			direct	-10331	Jan	30	j 23:12	10°♏13'16	
direct	-10332	Feb	20	j 05:42	0°♐04'15			desc. node	-10331	Jan	31	j 16:08	10°♏14'24	
morning max el	-10332	Mar	03	j 19:52	6°♐09'18	22°00'19		morning max el	-10331	Feb	13	j 14:15	16°♏59'12	23°36'20
	-10332	Mar	20	j 01:55	0°♑				-10331	Feb	23	j 23:57	0°♐	
morning set	-10332	Mar	24	j 20:52	9°♑35'52			morning set	-10331	Mar	09	j 08:49	24°♐38'05	
asc. node	-10332	Mar	26	j 19:12	13°♑37'40				-10331	Mar	11	j 21:38	0°♑	
								asc. node	-10331	Mar	13	j 16:13	3°♑48'12	
superior conj	-10332	Apr	01	j 05:00	25°♑01'35	0°50'06								
minimum elong	-10332	Apr	01	j 02:55	24°♑50'37	0°49'10		superior conj	-10331	Mar	16	j 11:08	9°♑47'29	0°26'50
	-10332	Apr	03	j 14:29	0°♒			minimum elong	-10331	Mar	16	j 10:00	9°♑41'25	0°26'01
max. Earth dist.	-10332	Apr	04	j 10:55	1°♒44'43	1.34652 AU		max. Earth dist.	-10331	Mar	18	j 13:23	14°♑14'55	1.33693 AU
evening rise	-10332	Apr	09	j 08:08	11°♒27'46			evening rise	-10331	Mar	24	j 02:03	25°♑37'58	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10331 Mar 26 j 07:22	0°♒	
	-10331 Apr 13 j 00:58	0°♓	
evening max el	-10331 Apr 26 j 14:45	16°♓39'50	27°26'08
desc. node	-10331 Apr 29 j 15:19	19°♓22'39	
retrograde	-10331 May 10 j 08:11	24°♓13'05	
evening set	-10331 May 17 j 08:04	21°♓36'48	
min. Earth dist.	-10331 May 20 j 23:30	18°♓21'32	0.63445 AU
inferior conj	-10331 May 23 j 14:48	15°♓36'11	-3°35'04
minimum elong	-10331 May 23 j 15:51	15°♓33'26	3°35'13
morning rise	-10331 May 30 j 00:34	10°♓18'59	
direct	-10331 Jun 01 j 19:12	9°♓40'38	
morning max el	-10331 Jun 08 j 07:19	13°♓04'25	18°04'31
asc. node	-10331 Jun 09 j 16:30	14°♓33'24	
	-10331 Jun 19 j 22:51	0°♈	
morning set	-10331 Jun 25 j 16:23	9°♈53'40	
	-10331 Jul 07 j 12:12	0°♉	
superior conj	-10331 Jul 08 j 06:41	1°♉16'21	1°33'41
minimum elong	-10331 Jul 08 j 12:02	1°♉38'22	1°33'34
max. Earth dist.	-10331 Jul 13 j 21:53	10°♉26'43	1.43642 AU
evening rise	-10331 Jul 24 j 07:51	26°♉53'07	
	-10331 Jul 26 j 08:08	0°♊	
desc. node	-10331 Jul 26 j 12:26	0°♊16'34	
	-10331 Aug 15 j 17:21	0°♋	
evening max el	-10331 Aug 21 j 05:36	6°♋32'44	20°30'19
retrograde	-10331 Aug 29 j 04:29	11°♋12'11	
evening set	-10331 Sep 01 j 23:22	9°♋49'43	
asc. node	-10331 Sep 05 j 16:52	5°♋58'53	
inferior conj	-10331 Sep 07 j 09:30	3°♋44'59	0°32'46
minimum elong	-10331 Sep 07 j 08:45	3°♋47'32	0°33'03
min. Earth dist.	-10331 Sep 08 j 02:54	2°♋46'22	0.66694 AU
	-10331 Sep 10 j 06:39	30°℞♊	
morning rise	-10331 Sep 12 j 17:54	27°♊25'15	
direct	-10331 Sep 18 j 04:30	25°♊06'04	
	-10331 Sep 27 j 14:08	0°♋	
morning max el	-10331 Sep 29 j 13:27	1°♋53'26	24°35'52
	-10331 Oct 20 j 23:09	0°♌	
desc. node	-10331 Oct 22 j 11:34	2°♌19'02	
morning set	-10331 Nov 04 j 08:12	23°♌23'02	
	-10331 Nov 08 j 01:33	0°♍	
max. Earth dist.	-10331 Nov 08 j 06:05	0°♍20'33	1.37924 AU
superior conj	-10331 Nov 14 j 23:24	12°♍56'25	-1°41'45
minimum elong	-10331 Nov 14 j 23:13	12°♍55'33	1°41'31
evening rise	-10331 Nov 23 j 11:01	29°♍41'21	
	-10331 Nov 23 j 14:47	0°♎	
asc. node	-10331 Dec 02 j 15:13	16°♎44'16	
evening max el	-10331 Dec 10 j 08:07	26°♎53'35	19°09'30
	-10331 Dec 14 j 15:36	0°♏	
retrograde	-10331 Dec 19 j 02:37	1°♏04'13	
evening set	-10331 Dec 21 j 14:44	0°♏45'17	
	-10331 Dec 23 j 19:35	30°℞♎	
inferior conj	-10331 Dec 29 j 16:22	26°♎30'49	4°02'59
minimum elong	-10331 Dec 29 j 19:26	26°♎25'30	4°02'28
min. Earth dist.	-10330 Jan 01 j 15:20	24°♎29'03	0.57340 AU
morning rise	-10330 Jan 06 j 21:54	21°♎34'47	
direct	-10330 Jan 12 j 03:56	20°♎30'22	
desc. node	-10330 Jan 18 j 12:56	22°♎04'32	
morning max el	-10330 Jan 26 j 05:02	27°♎40'23	25°11'07
	-10330 Jan 28 j 11:51	0°♏	
	-10330 Feb 17 j 02:10	0°♐	
morning set	-10330 Feb 21 j 21:17	9°♐43'29	
superior conj	-10330 Feb 28 j 20:55	24°♐45'42	0°03'07
minimum elong	-10330 Feb 28 j 20:49	24°♐45'07	0°02'31
behind sun begin	-10330 Feb 28 j 15:49	24°♐17'58	
behind sun end	-10330 Mar 01 j 01:49	25°♐12'16	
asc. node	-10330 Feb 28 j 13:18	24°♐04'20	
max. Earth dist.	-10330 Mar 01 j 22:52	27°♐06'21	1.33078 AU
	-10330 Mar 03 j 07:05	0°♑	
evening rise	-10330 Mar 08 j 03:49	10°♑12'55	
	-10330 Mar 18 j 15:21	0°♒	
evening max el	-10330 Apr 08 j 21:58	29°♒10'54	27°15'43
	-10330 Apr 09 j 18:47	0°♓	
desc. node	-10330 Apr 16 j 12:34	4°♓56'44	
retrograde	-10330 Apr 22 j 21:53	6°♓41'33	
evening set	-10330 Apr 29 j 16:47	4°♓29'50	
min. Earth dist.	-10330 May 03 j 10:45	1°♓35'02	0.61612 AU
	-10330 May 05 j 04:16	30°℞♒	
inferior conj	-10330 May 06 j 14:05	28°♒40'51	-3°35'20
minimum elong	-10330 May 06 j 13:20	28°♒42'37	3°35'40
morning rise	-10330 May 13 j 11:37	23°♒42'54	
direct	-10330 May 16 j 02:10	23°♒13'16	
morning max el	-10330 May 22 j 21:03	26°♒37'14	18°02'44
	-10330 May 25 j 20:06	0°♓	
asc. node	-10330 May 27 j 13:19	2°♓21'37	
morning set	-10330 Jun 08 j 05:14	22°♓15'22	
	-10330 Jun 12 j 12:00	0°♈	
superior conj	-10330 Jun 19 j 03:35	11°♈44'13	1°48'03
minimum elong	-10330 Jun 19 j 05:22	11°♈51'57	1°48'03
max. Earth dist.	-10330 Jun 26 j 06:55	23°♈47'59	1.42268 AU
	-10330 Jun 30 j 02:07	0°♉	
evening rise	-10330 Jul 03 j 10:56	5°♉22'48	
desc. node	-10330 Jul 13 j 09:47	20°♉43'44	
	-10330 Jul 19 j 16:30	0°♊	
evening max el	-10330 Aug 04 j 02:05	19°♊56'00	21°42'33
retrograde	-10330 Aug 13 j 00:21	25°♊12'45	
evening set	-10330 Aug 17 j 07:51	23°♊30'22	
inferior conj	-10330 Aug 22 j 14:40	17°♊19'24	-0°18'42
minimum elong	-10330 Aug 22 j 15:04	17°♊18'03	0°17'59
min. Earth dist.	-10330 Aug 22 j 21:37	16°♊55'29	0.67114 AU
asc. node	-10330 Aug 23 j 13:53	15°♊59'40	
morning rise	-10330 Aug 27 j 22:08	11°♊00'03	
direct	-10330 Sep 01 j 18:27	8°♊59'19	
morning max el	-10330 Sep 11 j 23:56	15°♊08'22	23°11'55
	-10330 Sep 24 j 01:01	0°♋	
desc. node	-10330 Oct 09 j 08:27	22°♋38'07	
	-10330 Oct 13 j 23:07	0°♌	
morning set	-10330 Oct 16 j 09:22	3°♌59'03	
max. Earth dist.	-10330 Oct 21 j 04:05	12°♌03'50	1.39916 AU
superior conj	-10330 Oct 28 j 18:15	25°♌34'59	-1°36'29
minimum elong	-10330 Oct 28 j 15:59	25°♌24'33	1°36'00
	-10330 Oct 31 j 03:26	0°♍	
evening rise	-10330 Nov 07 j 04:36	13°♍24'16	
	-10330 Nov 16 j 07:12	0°♎	
asc. node	-10330 Nov 19 j 12:32	4°♎53'09	
evening max el	-10330 Nov 23 j 10:35	9°♎31'52	18°29'40
retrograde	-10330 Dec 01 j 02:23	13°♎17'39	
evening set	-10330 Dec 03 j 14:29	12°♎54'50	
inferior conj	-10330 Dec 11 j 02:40	8°♎20'01	4°15'57
minimum elong	-10330 Dec 11 j 02:11	8°♎20'59	4°15'56
min. Earth dist.	-10330 Dec 14 j 08:39	5°♎45'41	0.59096 AU
morning rise	-10330 Dec 18 j 12:06	3°♎02'16	
direct	-10330 Dec 24 j 20:44	1°♎19'24	
desc. node	-10329 Jan 05 j 09:42	6°♎24'40	
morning max el	-10329 Jan 07 j 22:32	8°♎40'32	26°29'47
	-10329 Jan 24 j 03:21	0°♏	
morning set	-10329 Feb 06 j 08:34	24°♏45'39	
	-10329 Feb 08 j 19:56	0°♐	
superior conj	-10329 Feb 13 j 08:33	9°♐49'47	-0°20'12
minimum elong	-10329 Feb 13 j 09:24	9°♐54'25	0°20'34

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10329 Feb	13	j 12:06	10°♐09'13	1.32795 AU		-10328 Jan	31	j 04:40	0°♐	
asc. node	-10329 Feb	15	j 10:28	14°♐22'00		asc. node	-10328 Feb	02	j 07:41	4°♐36'11	
evening rise	-10329 Feb	20	j 10:49	25°♐03'39		evening rise	-10328 Feb	04	j 20:52	10°♐01'22	
	-10329 Feb	22	j 20:51	0°♑			-10328 Feb	15	j 06:49	0°♑	
	-10329 Mar	12	j 13:31	0°♒		evening max el	-10328 Mar	02	j 21:04	22°♑23'20	25°21'28
evening max el	-10329 Mar	22	j 00:23	11°♒05'43	26°32'41	retrograde	-10328 Mar	16	j 22:06	29°♑32'05	
desc. node	-10329 Apr	03	j 09:46	18°♒20'56		desc. node	-10328 Mar	20	j 06:53	29°♑05'14	
retrograde	-10329 Apr	05	j 03:16	18°♒28'30		evening set	-10328 Mar	22	j 02:08	28°♑29'27	
evening set	-10329 Apr	11	j 07:07	16°♒50'57		min. Earth dist.	-10328 Mar	27	j 10:12	25°♑32'41	0.57725 AU
min. Earth dist.	-10329 Apr	15	j 13:43	14°♒02'05	0.59623 AU	inferior conj	-10328 Mar	30	j 11:41	23°♑25'02	-2°23'55
inferior conj	-10329 Apr	18	j 22:12	11°♒20'18	-3°13'54	minimum elong	-10328 Mar	30	j 07:41	23°♑32'03	2°23'32
minimum elong	-10329 Apr	18	j 19:21	11°♒26'05	3°13'59	morning rise	-10328 Apr	07	j 16:26	19°♑06'23	
morning rise	-10329 Apr	26	j 10:11	6°♒42'21		direct	-10328 Apr	09	j 23:42	18°♑50'00	
direct	-10329 Apr	28	j 21:02	6°♒20'05		morning max el	-10328 Apr	18	j 13:22	22°♑53'17	18°57'04
morning max el	-10329 May	06	j 08:02	9°♒56'36	18°20'02		-10328 Apr	24	j 08:16	0°♒	
asc. node	-10329 May	14	j 10:11	20°♒54'45		asc. node	-10328 Apr	30	j 07:04	10°♒02'02	
	-10329 May	19	j 12:39	0°♓		morning set	-10328 May	05	j 03:30	19°♒18'39	
morning set	-10329 May	22	j 10:23	5°♓27'17			-10328 May	10	j 14:20	0°♓	
superior conj	-10329 Jun	01	j 01:56	23°♓28'56	1°48'35	superior conj	-10328 May	13	j 20:24	6°♓16'34	1°39'09
minimum elong	-10329 Jun	01	j 00:46	23°♓23'39	1°48'26	minimum elong	-10328 May	13	j 17:44	6°♓03'49	1°38'40
	-10329 Jun	04	j 17:08	0°♈		max. Earth dist.	-10328 May	20	j 11:24	18°♓33'47	1.38635 AU
max. Earth dist.	-10329 Jun	08	j 10:42	6°♈29'55	1.40522 AU	evening rise	-10328 May	24	j 12:29	25°♓41'50	
evening rise	-10329 Jun	13	j 09:59	14°♈51'11			-10328 May	27	j 00:57	0°♈	
	-10329 Jun	22	j 22:46	0°♉			-10328 Jun	15	j 13:16	0°♉	
desc. node	-10329 Jun	30	j 07:10	10°♉57'45		desc. node	-10328 Jun	16	j 04:33	0°♉52'45	
	-10329 Jul	14	j 15:36	0°♊		evening max el	-10328 Jun	29	j 03:03	16°♉38'24	24°24'24
evening max el	-10329 Jul	17	j 16:28	3°♊16'57	23°02'42	retrograde	-10328 Jul	10	j 07:44	23°♉14'54	
retrograde	-10329 Jul	27	j 17:44	9°♊14'38		evening set	-10328 Jul	15	j 20:27	20°♉51'01	
evening set	-10329 Aug	01	j 15:30	7°♊10'57		min. Earth dist.	-10328 Jul	20	j 12:03	15°♉24'44	0.67071 AU
inferior conj	-10329 Aug	06	j 20:59	0°♊56'25	-1°07'40	inferior conj	-10328 Jul	21	j 02:42	14°♉35'13	-1°52'40
minimum elong	-10329 Aug	06	j 22:22	0°♊51'38	1°06'40	minimum elong	-10328 Jul	21	j 04:50	14°♉28'00	1°51'35
min. Earth dist.	-10329 Aug	06	j 17:27	1°♊08'37	0.67248 AU	morning rise	-10328 Jul	26	j 13:11	8°♉27'26	
	-10329 Aug	07	j 13:23	30°♑℞♉		asc. node	-10328 Jul	27	j 07:48	7°♉56'37	
asc. node	-10329 Aug	10	j 10:53	26°♉21'33		direct	-10328 Jul	30	j 08:59	7°♉03'25	
morning rise	-10329 Aug	12	j 05:08	24°♉41'10		morning max el	-10328 Aug	07	j 10:28	11°♉48'56	20°34'11
direct	-10329 Aug	16	j 12:20	22°♉59'21			-10328 Aug	21	j 04:05	0°♊	
morning max el	-10329 Aug	25	j 14:08	28°♉25'27	21°49'08	morning set	-10328 Sep	04	j 12:01	21°♊47'53	
	-10329 Aug	27	j 01:29	0°♊			-10328 Sep	09	j 17:35	0°♋	
	-10329 Sep	17	j 18:16	0°♋		desc. node	-10328 Sep	12	j 02:23	3°♋45'30	
morning set	-10329 Sep	26	j 07:45	13°♋17'34		max. Earth dist.	-10328 Sep	14	j 15:53	7°♋52'00	1.43358 AU
desc. node	-10329 Sep	26	j 05:23	13°♋08'10							
max. Earth dist.	-10329 Oct	03	j 06:36	24°♋34'05	1.41819 AU	superior conj	-10328 Sep	20	j 12:23	17°♋25'48	-0°49'41
	-10329 Oct	06	j 12:27	0°♌		minimum elong	-10328 Sep	20	j 07:57	17°♋07'25	0°48'36
							-10328 Sep	27	j 23:08	0°♌	
superior conj	-10329 Oct	10	j 16:25	7°♌09'10	-1°19'47	evening rise	-10328 Oct	03	j 01:42	8°♌51'26	
minimum elong	-10329 Oct	10	j 12:08	6°♌50'33	1°18'54		-10328 Oct	15	j 17:10	0°♍	
evening rise	-10329 Oct	21	j 10:55	26°♌30'46		evening max el	-10328 Oct	20	j 08:10	5°♍47'45	18°09'29
	-10329 Oct	23	j 08:36	0°♍		asc. node	-10328 Oct	23	j 07:06	8°♍12'24	
asc. node	-10329 Nov	06	j 09:51	22°♍07'33		retrograde	-10328 Oct	26	j 23:40	9°♍20'19	
evening max el	-10329 Nov	06	j 19:34	22°♍32'18	18°09'53	evening set	-10328 Oct	29	j 15:15	8°♍45'31	
retrograde	-10329 Nov	13	j 18:43	26°♍06'08		inferior conj	-10328 Nov	05	j 03:52	3°♍28'29	3°28'03
evening set	-10329 Nov	16	j 07:47	25°♍38'10		minimum elong	-10328 Nov	05	j 00:09	3°♍38'05	3°27'31
inferior conj	-10329 Nov	23	j 07:30	20°♍41'21	4°01'01	min. Earth dist.	-10328 Nov	07	j 17:21	0°♍49'43	0.62728 AU
minimum elong	-10329 Nov	23	j 04:38	20°♍47'55	4°00'48		-10328 Nov	08	j 13:36	30°♑℞♌	
min. Earth dist.	-10329 Nov	26	j 08:17	17°♍55'32	0.60972 AU	morning rise	-10328 Nov	11	j 08:10	27°♌37'01	
morning rise	-10329 Nov	30	j 00:15	15°♍05'22		direct	-10328 Nov	18	j 09:51	24°♌59'01	
direct	-10329 Dec	06	j 23:12	12°♍48'55			-10328 Nov	29	j 08:35	0°♍	
morning max el	-10329 Dec	20	j 22:13	20°♍16'35	27°20'05	morning max el	-10328 Dec	02	j 03:56	2°♍31'56	27°35'49
desc. node	-10329 Dec	23	j 06:26	22°♍39'49		desc. node	-10328 Dec	09	j 03:10	10°♍18'26	
	-10329 Dec	29	j 09:27	0°♎			-10328 Dec	22	j 15:53	0°♎	
	-10328 Jan	16	j 21:01	0°♏		morning set	-10327 Jan	04	j 19:25	24°♎08'19	
morning set	-10328 Jan	21	j 16:41	9°♏36'33			-10327 Jan	07	j 15:54	0°♏	
max. Earth dist.	-10328 Jan	28	j 01:17	23°♏09'01	1.32835 AU	max. Earth dist.	-10327 Jan	10	j 10:34	5°♏52'18	1.33221 AU
superior conj	-10328 Jan	28	j 20:16	24°♏52'26	-0°42'20	superior conj	-10327 Jan	12	j 06:23	9°♏47'38	-1°02'28
minimum elong	-10328 Jan	28	j 21:53	25°♏01'20	0°42'28	minimum elong	-10327 Jan	12	j 08:31	9°♏59'09	1°02'27

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10327 Jan 19 j 08:08	24°♏59'24	
asc. node	-10327 Jan 19 j 04:55	24°♏42'29	
	-10327 Jan 21 j 18:18	0°♐	
	-10327 Feb 09 j 10:22	0°♑	
evening max el	-10327 Feb 12 j 14:13	3°♑16'52	23°52'20
retrograde	-10327 Feb 26 j 05:00	10°♑00'28	
evening set	-10327 Mar 02 j 05:50	9°♑24'25	
desc. node	-10327 Mar 07 j 03:57	7°♑15'52	
min. Earth dist.	-10327 Mar 09 j 02:58	6°♑07'36	0.56241 AU
inferior conj	-10327 Mar 11 j 05:22	4°♑50'21	-1°02'04
minimum elong	-10327 Mar 11 j 02:54	4°♑54'08	1°01'53
morning rise	-10327 Mar 20 j 02:47	0°♑45'40	
direct	-10327 Mar 22 j 07:56	0°♑32'55	
morning max el	-10327 Apr 01 j 10:11	5°♑17'55	19°53'54
asc. node	-10327 Apr 17 j 03:57	29°♑34'47	
	-10327 Apr 17 j 09:04	0°♒	
morning set	-10327 Apr 19 j 05:04	3°♒39'29	
superior conj	-10327 Apr 27 j 05:37	19°♒51'38	1°23'05
minimum elong	-10327 Apr 27 j 02:38	19°♒36'46	1°22'19
	-10327 May 02 j 10:42	0°♓	
max. Earth dist.	-10327 May 02 j 14:06	0°♓16'08	1.36855 AU
evening rise	-10327 May 06 j 15:38	7°♓48'14	
	-10327 May 19 j 19:43	0°♈	
desc. node	-10327 Jun 03 j 01:58	20°♈20'02	
evening max el	-10327 Jun 11 j 12:40	0°♉01'10	25°39'48
	-10327 Jun 11 j 12:12	0°♉	
retrograde	-10327 Jun 23 j 17:37	7°♉08'03	
evening set	-10327 Jun 29 j 20:39	4°♉28'18	
	-10327 Jul 03 j 21:03	30°℞♈	
min. Earth dist.	-10327 Jul 04 j 03:06	29°♈40'37	0.66549 AU
inferior conj	-10327 Jul 05 j 06:00	28°♈13'29	-2°32'15
minimum elong	-10327 Jul 05 j 08:32	28°♈05'16	2°31'20
morning rise	-10327 Jul 10 j 20:28	22°♈16'14	
direct	-10327 Jul 14 j 06:51	21°♈07'50	
asc. node	-10327 Jul 14 j 04:38	21°♈07'53	
morning max el	-10327 Jul 21 j 13:24	25°♈19'24	19°31'33
	-10327 Jul 25 j 12:39	0°♉	
	-10327 Aug 14 j 11:14	0°♊	
morning set	-10327 Aug 14 j 17:17	0°♊23'39	
max. Earth dist.	-10327 Aug 28 j 06:05	21°♊41'52	1.44327 AU
desc. node	-10327 Aug 29 j 23:27	24°♊26'18	
superior conj	-10327 Aug 31 j 05:07	26°♊24'36	-0°07'30
minimum elong	-10327 Aug 31 j 04:17	26°♊21'17	0°06'49
behind sun begin	-10327 Aug 30 j 18:06	25°♊40'36	
behind sun end	-10327 Aug 31 j 14:29	27°♊02'01	
	-10327 Sep 02 j 10:54	0°♋	
evening rise	-10327 Sep 14 j 19:32	20°♋13'03	
	-10327 Sep 20 j 16:45	0°♌	
evening max el	-10327 Oct 03 j 21:30	19°♌12'05	18°27'35
asc. node	-10327 Oct 10 j 04:18	22°♌51'32	
retrograde	-10327 Oct 10 j 12:58	22°♌52'15	
evening set	-10327 Oct 13 j 09:12	22°♌08'12	
inferior conj	-10327 Oct 19 j 12:15	16°♌33'56	2°44'22
minimum elong	-10327 Oct 19 j 08:48	16°♌43'49	2°43'46
min. Earth dist.	-10327 Oct 21 j 12:39	14°♌15'27	0.64232 AU
morning rise	-10327 Oct 25 j 07:45	10°♌30'07	
direct	-10327 Nov 01 j 03:45	7°♌44'17	
morning max el	-10327 Nov 14 j 13:09	15°♌18'09	27°17'27
desc. node	-10327 Nov 25 j 23:52	28°♌56'15	
	-10327 Nov 26 j 18:22	0°♍	
	-10327 Dec 15 j 06:43	0°♎	
morning set	-10327 Dec 19 j 13:57	8°♎11'34	
max. Earth dist.	-10327 Dec 24 j 12:05	18°♎06'56	1.33996 AU
superior conj	-10327 Dec 27 j 13:04	24°♎29'03	-1°19'43
minimum elong	-10327 Dec 27 j 15:18	24°♎40'57	1°19'38
	-10327 Dec 30 j 03:18	0°♏	
evening rise	-10326 Jan 03 j 18:58	9°♏51'48	
asc. node	-10326 Jan 06 j 02:10	14°♏36'05	
	-10326 Jan 14 j 10:17	0°♐	
evening max el	-10326 Jan 25 j 09:02	14°♐10'38	22°18'45
retrograde	-10326 Feb 07 j 00:30	20°♐14'02	
evening set	-10326 Feb 10 j 03:40	19°♐52'26	
inferior conj	-10326 Feb 19 j 07:27	15°♐43'47	0°42'43
minimum elong	-10326 Feb 19 j 09:18	15°♐41'09	0°41'34
min. Earth dist.	-10326 Feb 18 j 18:13	16°♐02'44	0.55467 AU
desc. node	-10326 Feb 22 j 00:56	14°♐12'22	
morning rise	-10326 Feb 28 j 15:50	11°♐40'27	
direct	-10326 Mar 03 j 01:54	11°♐26'57	
morning max el	-10326 Mar 14 j 20:20	17°♐03'42	21°09'31
	-10326 Mar 24 j 18:12	0°♑	
morning set	-10326 Apr 03 j 12:23	18°♑22'23	
asc. node	-10326 Apr 04 j 00:54	19°♑26'46	
	-10326 Apr 09 j 02:38	0°♒	
superior conj	-10326 Apr 11 j 01:25	4°♒02'09	1°02'54
minimum elong	-10326 Apr 10 j 22:52	3°♒49'02	1°01'59
max. Earth dist.	-10326 Apr 15 j 00:49	12°♒05'51	1.35358 AU
evening rise	-10326 Apr 19 j 13:52	20°♒55'25	
	-10326 Apr 24 j 12:34	0°♓	
	-10326 May 13 j 16:00	0°♈	
desc. node	-10326 May 20 j 23:20	9°♈08'04	
evening max el	-10326 May 24 j 23:09	13°♈22'57	26°40'12
retrograde	-10326 Jun 06 j 22:46	20°♈47'55	
evening set	-10326 Jun 13 j 13:45	18°♈00'27	
min. Earth dist.	-10326 Jun 17 j 12:27	13°♈51'39	0.65652 AU
inferior conj	-10326 Jun 19 j 04:53	11°♈48'55	-3°04'40
minimum elong	-10326 Jun 19 j 07:21	11°♈41'26	3°04'07
morning rise	-10326 Jun 25 j 01:10	6°♈05'00	
direct	-10326 Jun 28 j 04:08	5°♈09'51	
asc. node	-10326 Jul 01 j 01:28	5°♈54'56	
morning max el	-10326 Jul 04 j 22:00	8°♈55'33	18°44'09
	-10326 Jul 19 j 14:37	0°♉	
morning set	-10326 Jul 25 j 17:26	9°♉53'03	
	-10326 Aug 07 j 07:02	0°♊	
superior conj	-10326 Aug 10 j 05:34	4°♊39'17	0°39'06
minimum elong	-10326 Aug 10 j 10:15	4°♊57'47	0°39'03
max. Earth dist.	-10326 Aug 10 j 22:31	5°♊46'15	1.44613 AU
desc. node	-10326 Aug 16 j 20:36	15°♊07'41	
evening rise	-10326 Aug 26 j 11:25	0°♋23'20	
	-10326 Aug 26 j 05:33	0°♋	
	-10326 Sep 15 j 00:11	0°♌	
evening max el	-10326 Sep 17 j 08:51	2°♌40'45	19°02'59
retrograde	-10326 Sep 24 j 07:11	6°♌36'50	
evening set	-10326 Sep 27 j 10:26	5°♌40'25	
asc. node	-10326 Sep 27 j 01:26	5°♌53'04	
inferior conj	-10326 Oct 03 j 05:32	29°♋52'01	1°54'52
minimum elong	-10326 Oct 03 j 02:58	0°♌00'00	1°54'29
	-10326 Oct 03 j 02:58	30°℞♋	
min. Earth dist.	-10326 Oct 04 j 17:07	28°♋01'44	0.65435 AU
morning rise	-10326 Oct 08 j 19:04	23°♋39'21	
direct	-10326 Oct 15 j 04:03	20°♋57'42	
morning max el	-10326 Oct 27 j 23:11	28°♋22'49	26°30'02
	-10326 Oct 29 j 13:05	0°♌	
desc. node	-10326 Nov 12 j 20:34	18°♌15'54	
	-10326 Nov 20 j 12:10	0°♍	
morning set	-10326 Dec 02 j 20:36	21°♍34'11	
max. Earth dist.	-10326 Dec 07 j 02:56	29°♍48'03	1.35210 AU
	-10326 Dec 07 j 05:21	0°♎	
superior conj	-10326 Dec 11 j 14:03	8°♎48'45	-1°32'56

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10326 Dec 11 j 15:53	8°♎58'10	1°32'50
evening rise	-10326 Dec 19 j 03:40	24°♎32'20	
	-10326 Dec 21 j 20:12	0°♏	
asc. node	-10326 Dec 23 j 23:28	4°♏10'41	
evening max el	-10325 Jan 07 j 10:41	25°♏25'18	20°52'30
	-10325 Jan 14 j 14:30	0°♐	
retrograde	-10325 Jan 18 j 14:31	0°♐39'59	
evening set	-10325 Jan 21 j 06:55	0°♐23'00	
	-10325 Jan 22 j 18:28	30°℞♏	
inferior conj	-10325 Jan 30 j 04:34	26°♏24'41	2°25'25
minimum elong	-10325 Jan 30 j 09:59	26°♏16'50	2°23'28
min. Earth dist.	-10325 Jan 31 j 08:20	25°♏44'27	0.55572 AU
morning rise	-10325 Feb 08 j 11:48	22°♏07'14	
desc. node	-10325 Feb 08 j 21:50	22°♏01'48	
direct	-10325 Feb 11 j 16:49	21°♏44'34	
morning max el	-10325 Feb 24 j 19:27	28°♏09'34	22°40'20
	-10325 Feb 26 j 15:08	0°♐	
	-10325 Mar 17 j 08:34	0°♑	
morning set	-10325 Mar 18 j 23:12	3°♑19'13	
asc. node	-10325 Mar 21 j 21:54	9°♑31'43	
superior conj	-10325 Mar 26 j 04:30	18°♑37'12	0°40'22
minimum elong	-10325 Mar 26 j 02:47	18°♑28'10	0°39'28
max. Earth dist.	-10325 Mar 28 j 21:57	24°♑20'27	1.34206 AU
	-10325 Mar 31 j 16:16	0°♒	
evening rise	-10325 Apr 03 j 01:51	4°♒46'27	
	-10325 Apr 17 j 06:10	0°♓	
evening max el	-10325 May 07 j 10:09	26°♓34'52	27°17'37
desc. node	-10325 May 07 j 20:41	27°♓00'14	
	-10325 May 11 j 07:31	0°♈	
retrograde	-10325 May 20 j 22:27	4°♈06'40	
evening set	-10325 May 27 j 20:56	1°♈22'49	
	-10325 May 29 j 11:03	30°℞♓	
min. Earth dist.	-10325 May 31 j 14:04	27°♓49'53	0.64362 AU
inferior conj	-10325 Jun 02 j 20:59	25°♓17'21	-3°27'33
minimum elong	-10325 Jun 02 j 22:45	25°♓12'24	3°27'27
morning rise	-10325 Jun 09 j 01:07	19°♓49'27	
direct	-10325 Jun 11 j 22:28	19°♓05'22	
asc. node	-10325 Jun 17 j 22:17	22°♓04'40	
morning max el	-10325 Jun 18 j 10:27	22°♓34'16	18°13'46
	-10325 Jun 24 j 06:05	0°♈	
morning set	-10325 Jul 06 j 19:11	20°♈34'12	
	-10325 Jul 12 j 10:12	0°♉	
superior conj	-10325 Jul 20 j 11:37	13°♉12'03	1°18'04
minimum elong	-10325 Jul 20 j 18:09	13°♉38'22	1°17'49
max. Earth dist.	-10325 Jul 24 j 14:43	19°♉49'20	1.44191 AU
	-10325 Jul 31 j 01:14	0°♊	
desc. node	-10325 Aug 03 j 17:50	5°♊46'33	
evening rise	-10325 Aug 06 j 01:30	9°♊23'15	
greatest brilliancy	-10325 Aug 18 j 14:50	28°♊39'52	-0.7m
	-10325 Aug 19 j 12:15	0°♋	
evening max el	-10325 Aug 31 j 15:46	16°♋09'45	19°54'21
retrograde	-10325 Sep 08 j 03:38	20°♋30'27	
evening set	-10325 Sep 11 j 16:16	19°♋18'17	
asc. node	-10325 Sep 13 j 22:31	17°♋18'59	
inferior conj	-10325 Sep 17 j 05:09	13°♋18'46	1°02'54
minimum elong	-10325 Sep 17 j 03:43	13°♋23'30	1°02'56
min. Earth dist.	-10325 Sep 18 j 04:53	12°♋00'48	0.66325 AU
morning rise	-10325 Sep 22 j 14:54	7°♋00'48	
direct	-10325 Sep 28 j 10:01	4°♋31'57	
morning max el	-10325 Oct 10 j 08:48	11°♋35'59	25°21'27
	-10325 Oct 25 j 04:45	0°♌	
desc. node	-10325 Oct 30 j 17:20	8°♌05'25	
	-10325 Nov 13 j 03:57	0°♍	
morning set	-10325 Nov 15 j 10:43	4°♍02'56	
max. Earth dist.	-10325 Nov 19 j 07:29	11°♍08'29	1.36846 AU
superior conj	-10325 Nov 25 j 06:30	22°♍38'16	-1°40'36
minimum elong	-10325 Nov 25 j 07:16	22°♍42'03	1°40'27
	-10325 Nov 28 j 22:39	0°♎	
evening rise	-10325 Dec 03 j 08:24	8°♎55'42	
asc. node	-10325 Dec 10 j 20:46	23°♎19'11	
	-10325 Dec 14 j 23:46	0°♏	
evening max el	-10325 Dec 20 j 22:05	7°♏12'24	19°41'34
retrograde	-10325 Dec 30 j 11:42	11°♏43'01	
evening set	-10324 Jan 02 j 00:43	11°♏25'23	
inferior conj	-10324 Jan 10 j 10:08	7°♏19'54	3°38'49
minimum elong	-10324 Jan 10 j 15:01	7°♏12'05	3°37'40
min. Earth dist.	-10324 Jan 12 j 21:45	5°♏45'09	0.56513 AU
morning rise	-10324 Jan 19 j 03:14	2°♏38'43	
direct	-10324 Jan 23 j 14:52	1°♏53'35	
desc. node	-10324 Jan 26 j 18:41	2°♏16'31	
morning max el	-10324 Feb 06 j 11:15	8°♏51'06	24°17'38
	-10324 Feb 21 j 23:36	0°♐	
morning set	-10324 Mar 02 j 11:36	18°♐23'15	
asc. node	-10324 Mar 07 j 18:59	29°♐44'50	
	-10324 Mar 07 j 21:48	0°♑	
superior conj	-10324 Mar 09 j 12:25	3°♑28'36	0°16'46
minimum elong	-10324 Mar 09 j 11:43	3°♑24'50	0°16'02
max. Earth dist.	-10324 Mar 11 j 04:02	7°♑01'19	1.33397 AU
evening rise	-10324 Mar 16 j 23:30	19°♑08'09	
	-10324 Mar 22 j 13:55	0°♒	
	-10324 Apr 10 j 13:24	0°♓	
evening max el	-10324 Apr 18 j 19:32	9°♓24'11	27°25'43
desc. node	-10324 Apr 23 j 17:59	13°♓33'23	
retrograde	-10324 May 02 j 15:48	16°♓55'54	
evening set	-10324 May 09 j 14:50	14°♓28'44	
min. Earth dist.	-10324 May 13 j 06:30	11°♓23'46	0.62704 AU
inferior conj	-10324 May 16 j 03:22	8°♓32'43	-3°37'27
minimum elong	-10324 May 16 j 03:43	8°♓31'50	3°37'43
morning rise	-10324 May 22 j 17:47	3°♓23'19	
direct	-10324 May 25 j 10:43	2°♓48'41	
morning max el	-10324 Jun 01 j 00:28	6°♓10'53	18°01'26
asc. node	-10324 Jun 03 j 19:08	9°♓21'07	
	-10324 Jun 16 j 12:22	0°♈	
morning set	-10324 Jun 17 j 20:34	2°♈22'23	
superior conj	-10324 Jun 29 j 16:43	22°♈52'50	1°41'43
minimum elong	-10324 Jun 29 j 20:38	23°♈09'15	1°41'40
	-10324 Jul 03 j 23:33	0°♉	
max. Earth dist.	-10324 Jul 06 j 03:36	3°♉32'34	1.43124 AU
evening rise	-10324 Jul 15 j 02:12	17°♉46'01	
desc. node	-10324 Jul 20 j 15:08	26°♉19'00	
	-10324 Jul 23 j 01:17	0°♊	
evening max el	-10324 Aug 13 j 16:14	29°♊34'59	20°59'45
	-10324 Aug 14 j 02:11	0°♋	
retrograde	-10324 Aug 22 j 00:14	4°♋29'08	
evening set	-10324 Aug 26 j 00:22	2°♋58'14	
	-10324 Aug 28 j 23:04	30°℞♊	
asc. node	-10324 Aug 30 j 19:35	27°♊35'33	
inferior conj	-10324 Aug 31 j 08:50	26°♊50'29	0°10'43
minimum elong	-10324 Aug 31 j 08:35	26°♊51'22	0°11'11
transit middle	-10324 Aug 31 j 08:35	26°♊51'22	0°11'11
transit begin	-10324 Aug 31 j 06:36	26°♊58'08	
transit end	-10324 Aug 31 j 10:34	26°♊44'35	
min. Earth dist.	-10324 Aug 31 j 21:40	26°♊06'45	0.66912 AU
morning rise	-10324 Sep 05 j 16:40	20°♊30'45	
direct	-10324 Sep 10 j 21:06	18°♊19'25	
morning max el	-10324 Sep 21 j 18:31	24°♊50'49	24°00'32
	-10324 Sep 26 j 09:49	0°♋	
desc. node	-10324 Oct 16 j 14:09	28°♋15'14	
	-10324 Oct 17 j 17:00	0°♌	
morning set	-10324 Oct 27 j 02:43	15°♌22'40	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10324 Oct 31 j 06:13	22°♌35'30	1.38771 AU	
	-10324 Nov 04 j 08:32	0°♍		
superior conj	-10324 Nov 07 j 10:33	5°♍45'44	-1°40'45	
minimum elong	-10324 Nov 07 j 09:32	5°♍40'55	1°40'26	
evening rise	-10324 Nov 16 j 06:50	22°♍54'59		
	-10324 Nov 19 j 22:50	0°♎		
asc. node	-10324 Nov 26 j 18:05	11°♎52'27		
evening max el	-10324 Dec 02 j 19:24	19°♎32'25	18°49'59	
retrograde	-10324 Dec 11 j 01:20	23°♎31'07		
evening set	-10324 Dec 13 j 13:19	23°♎10'39		
inferior conj	-10324 Dec 21 j 09:05	18°♎47'32	4°12'37	
minimum elong	-10324 Dec 21 j 10:36	18°♎44'46	4°12'25	
min. Earth dist.	-10324 Dec 24 j 12:40	16°♎29'46	0.58054 AU	
morning rise	-10324 Dec 29 j 05:51	13°♎41'49		
direct	-10323 Jan 04 j 00:20	12°♎21'33		
desc. node	-10323 Jan 12 j 15:30	15°♎13'30		
morning max el	-10323 Jan 18 j 02:33	19°♎36'45	25°47'34	
	-10323 Jan 26 j 22:48	0°♏		
	-10323 Feb 13 j 07:42	0°♐		
morning set	-10323 Feb 14 j 23:49	3°♐27'57		
superior conj	-10323 Feb 21 j 23:11	18°♐29'38	-0°06'54	
minimum elong	-10323 Feb 21 j 23:30	18°♐31'21	0°07'24	
behind sun begin	-10323 Feb 21 j 19:03	18°♐07'02		
behind sun end	-10323 Feb 22 j 03:58	18°♐55'39		
max. Earth dist.	-10323 Feb 22 j 15:40	19°♐59'23	1.32916 AU	
asc. node	-10323 Feb 22 j 16:07	20°♐01'49		
	-10323 Feb 27 j 07:33	0°♑		
evening rise	-10323 Mar 01 j 03:46	3°♑50'21		
	-10323 Mar 15 j 09:33	0°♒		
evening max el	-10323 Apr 01 j 00:47	21°♒39'57	27°01'15	
desc. node	-10323 Apr 10 j 15:14	28°♒16'59		
retrograde	-10323 Apr 15 j 02:04	29°♒07'52		
evening set	-10323 Apr 21 j 16:05	27°♒09'35		
min. Earth dist.	-10323 Apr 25 j 13:49	24°♒19'33	0.60772 AU	
inferior conj	-10323 Apr 28 j 20:40	21°♒27'45	-3°29'20	
minimum elong	-10323 Apr 28 j 19:00	21°♒31'24	3°29'37	
morning rise	-10323 May 06 j 00:01	16°♒38'33		
direct	-10323 May 08 j 13:06	16°♒12'09		
morning max el	-10323 May 15 j 13:27	19°♒39'27	18°07'49	
asc. node	-10323 May 21 j 15:59	27°♒30'02		
	-10323 May 23 j 05:29	0°♓		
morning set	-10323 May 31 j 16:59	15°♓07'15		
	-10323 Jun 08 j 20:10	0°♈		
superior conj	-10323 Jun 11 j 01:08	3°♈55'45	1°49'44	
minimum elong	-10323 Jun 11 j 01:30	3°♈57'24	1°49'43	
max. Earth dist.	-10323 Jun 18 j 10:39	16°♈39'23	1.41556 AU	
evening rise	-10323 Jun 24 j 11:59	26°♈35'23		
	-10323 Jun 26 j 15:15	0°♉		
desc. node	-10323 Jul 07 j 12:30	16°♉41'27		
	-10323 Jul 16 j 20:04	0°♊		
evening max el	-10323 Jul 27 j 09:50	12°♊56'44	22°15'51	
retrograde	-10323 Aug 05 j 19:18	18°♊31'04		
evening set	-10323 Aug 10 j 08:45	16°♊39'27		
inferior conj	-10323 Aug 15 j 14:44	10°♊26'24	-0°39'52	
minimum elong	-10323 Aug 15 j 15:34	10°♊23'29	0°39'00	
min. Earth dist.	-10323 Aug 15 j 17:10	10°♊17'58	0.67211 AU	
asc. node	-10323 Aug 17 j 16:36	7°♊37'58		
morning rise	-10323 Aug 20 j 22:19	4°♊08'21		
direct	-10323 Aug 25 j 12:44	2°♊16'01		
morning max el	-10323 Sep 04 j 06:26	8°♊07'04	22°36'05	
	-10323 Sep 21 j 03:42	0°♋		
desc. node	-10323 Oct 03 j 11:01	18°♋39'20		
morning set	-10323 Oct 07 j 16:16	25°♋24'33		
	-10323 Oct 10 j 11:25	0°♌		

max. Earth dist.	-10323 Oct 13 j 05:41	4°♌37'31	1.40756 AU	
superior conj	-10323 Oct 20 j 21:16	17°♌58'04	-1°30'57	
minimum elong	-10323 Oct 20 j 18:03	17°♌43'39	1°30'17	
	-10323 Oct 27 j 10:28	0°♍		
evening rise	-10323 Oct 30 j 20:04	6°♍23'16		
asc. node	-10323 Nov 13 j 15:23	29°♍39'33		
	-10323 Nov 13 j 22:00	0°♎		
evening max el	-10323 Nov 16 j 00:52	2°♎20'19	18°18'46	
retrograde	-10323 Nov 23 j 08:38	5°♎59'58		
evening set	-10323 Nov 25 j 20:49	5°♎35'16		
inferior conj	-10323 Dec 03 j 03:34	0°♎51'03	4°12'26	
minimum elong	-10323 Dec 03 j 01:52	0°♎54'39	4°12'22	
	-10323 Dec 04 j 03:30	30°℞♍		
min. Earth dist.	-10323 Dec 06 j 08:28	28°♍09'02	0.59892 AU	
morning rise	-10323 Dec 10 j 05:18	25°♍24'45		
direct	-10323 Dec 16 j 21:22	23°♍26'26		
	-10323 Dec 30 j 00:49	0°♎		
desc. node	-10323 Dec 30 j 12:15	0°♎26'32		
morning max el	-10323 Dec 30 j 22:43	0°♎51'24	26°55'16	
	-10322 Jan 20 j 21:07	0°♏		
morning set	-10322 Jan 30 j 09:57	18°♏26'02		
	-10322 Feb 04 j 19:52	0°♐		
superior conj	-10322 Feb 06 j 11:01	3°♐33'33	-0°29'48	
minimum elong	-10322 Feb 06 j 12:14	3°♐40'10	0°30'03	
max. Earth dist.	-10322 Feb 06 j 05:13	3°♐01'51	1.32762 AU	
asc. node	-10322 Feb 09 j 13:16	10°♐18'12		
evening rise	-10322 Feb 13 j 12:14	18°♐44'20		
	-10322 Feb 19 j 03:19	0°♑		
	-10322 Mar 10 j 20:19	0°♒		
evening max el	-10322 Mar 14 j 00:28	3°♒17'10	26°05'23	
retrograde	-10322 Mar 28 j 03:35	10°♒36'03		
desc. node	-10322 Mar 28 j 12:27	10°♒35'43		
evening set	-10322 Apr 02 j 22:07	9°♒13'39		
min. Earth dist.	-10322 Apr 07 j 13:42	6°♒23'02	0.58776 AU	
inferior conj	-10322 Apr 10 j 21:09	3°♒52'54	-2°56'34	
minimum elong	-10322 Apr 10 j 17:36	3°♒59'41	2°56'26	
	-10322 Apr 16 j 23:04	30°℞♑		
morning rise	-10322 Apr 18 j 16:06	29°♑23'49		
direct	-10322 Apr 21 j 01:15	29°♑04'24		
	-10322 Apr 24 j 23:12	0°♒		
morning max el	-10322 Apr 28 j 22:28	2°♒50'34	18°33'26	
asc. node	-10322 May 08 j 12:50	16°♒18'34		
morning set	-10322 May 15 j 03:41	28°♒36'43		
	-10322 May 15 j 21:01	0°♓		
superior conj	-10322 May 24 j 08:44	16°♓09'09	1°45'35	
minimum elong	-10322 May 24 j 06:46	15°♓59'59	1°45'18	
max. Earth dist.	-10322 May 31 j 12:06	29°♓01'46	1.39715 AU	
	-10322 Jun 01 j 01:28	0°♈		
evening rise	-10322 Jun 04 j 22:32	6°♈37'50		
	-10322 Jun 19 j 17:28	0°♉		
desc. node	-10322 Jun 24 j 09:54	6°♉48'16		
evening max el	-10322 Jul 09 j 22:08	26°♉17'08	23°37'39	
	-10322 Jul 14 j 03:41	0°♊		
retrograde	-10322 Jul 20 j 11:32	2°♊32'43		
evening set	-10322 Jul 25 j 15:30	0°♊20'13		
	-10322 Jul 26 j 00:29	30°℞♉		
inferior conj	-10322 Jul 30 j 21:02	24°♉04'36	-1°27'19	
minimum elong	-10322 Jul 30 j 22:46	23°♉58'38	1°26'15	
min. Earth dist.	-10322 Jul 30 j 12:53	24°♉32'35	0.67210 AU	
asc. node	-10322 Aug 04 j 13:32	18°♉26'14		
morning rise	-10322 Aug 05 j 05:58	17°♉51'54		
direct	-10322 Aug 09 j 08:00	16°♉17'55		
morning max el	-10322 Aug 17 j 23:05	21°♉26'45	21°15'53	
	-10322 Aug 25 j 01:16	0°♊		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10322 Sep 14 j 11:08	0°♋	
morning set	-10322 Sep 17 j 05:11	4°♋17'34	
desc. node	-10322 Sep 20 j 07:58	9°♋13'02	
max. Earth dist.	-10322 Sep 25 j 10:32	17°♋27'13	1.42530 AU
superior conj	-10322 Oct 02 j 08:53	29°♋00'52	-1°08'41
minimum elong	-10322 Oct 02 j 04:10	28°♋40'50	1°07'40
	-10322 Oct 02 j 22:44	0°♌	
evening rise	-10322 Oct 13 j 20:24	19°♌11'50	
	-10322 Oct 19 j 21:54	0°♍	
evening max el	-10322 Oct 30 j 11:49	15°♍28'39	18°07'27
asc. node	-10322 Oct 31 j 12:38	16°♍26'44	
retrograde	-10322 Nov 06 j 06:45	19°♍00'38	
evening set	-10322 Nov 08 j 20:36	18°♍30'07	
inferior conj	-10322 Nov 15 j 15:28	13°♍24'46	3°48'44
minimum elong	-10322 Nov 15 j 12:04	13°♍32'58	3°48'22
min. Earth dist.	-10322 Nov 18 j 12:05	10°♍39'35	0.61742 AU
morning rise	-10322 Nov 22 j 02:25	7°♍41'49	
direct	-10322 Nov 29 j 03:55	5°♍14'05	
morning max el	-10322 Dec 13 j 01:08	12°♍44'57	27°31'02
desc. node	-10322 Dec 17 j 08:57	17°♍21'00	
	-10322 Dec 26 j 22:08	0°♎	
	-10321 Jan 13 j 02:30	0°♏	
morning set	-10321 Jan 14 j 16:04	3°♏10'11	
max. Earth dist.	-10321 Jan 20 j 17:01	15°♏55'42	1.32949 AU
superior conj	-10321 Jan 21 j 22:17	18°♏34'23	-0°51'10
minimum elong	-10321 Jan 22 j 00:10	18°♏44'38	0°51'14
asc. node	-10321 Jan 27 j 10:29	0°♐29'55	
	-10321 Jan 27 j 04:53	0°♐	
evening rise	-10321 Jan 28 j 23:00	3°♐43'15	
	-10321 Feb 12 j 06:37	0°♑	
evening max el	-10321 Feb 23 j 19:17	14°♑22'47	24°45'06
retrograde	-10321 Mar 09 j 17:43	21°♑22'38	
evening set	-10321 Mar 14 j 09:45	20°♑33'00	
desc. node	-10321 Mar 15 j 09:33	20°♑10'22	
min. Earth dist.	-10321 Mar 20 j 08:39	17°♑28'49	0.57021 AU
inferior conj	-10321 Mar 23 j 02:09	15°♑41'13	-1°53'00
minimum elong	-10321 Mar 22 j 22:23	15°♑47'26	1°52'33
morning rise	-10321 Mar 31 j 14:12	11°♑29'11	
direct	-10321 Apr 02 j 20:00	11°♑14'48	
morning max el	-10321 Apr 12 j 00:29	15°♑34'40	19°18'46
	-10321 Apr 22 j 08:25	0°♒	
asc. node	-10321 Apr 25 j 09:43	5°♒37'27	
morning set	-10321 Apr 29 j 00:43	12°♒41'14	
superior conj	-10321 May 07 j 10:01	29°♒18'03	1°32'59
minimum elong	-10321 May 07 j 07:05	29°♒03'49	1°32'22
	-10321 May 07 j 18:39	0°♓	
max. Earth dist.	-10321 May 13 j 12:34	10°♓51'46	1.37855 AU
evening rise	-10321 May 17 j 12:09	18°♓02'21	
	-10321 May 24 j 12:48	0°♈	
desc. node	-10321 Jun 11 j 07:18	26°♈32'27	
	-10321 Jun 13 j 22:50	0°♉	
evening max el	-10321 Jun 22 j 08:06	9°♉39'26	24°57'51
retrograde	-10321 Jul 03 j 23:49	16°♉30'06	
evening set	-10321 Jul 09 j 18:41	13°♉59'03	
min. Earth dist.	-10321 Jul 14 j 06:21	8°♉48'42	0.66891 AU
inferior conj	-10321 Jul 15 j 01:57	7°♉43'27	-2°10'13
minimum elong	-10321 Jul 15 j 04:18	7°♉35'36	2°09'11
morning rise	-10321 Jul 20 j 13:53	1°♉39'29	
asc. node	-10321 Jul 22 j 10:24	0°♉40'42	
direct	-10321 Jul 24 j 05:28	0°♉22'14	
morning max el	-10321 Jul 31 j 22:06	4°♉52'27	20°05'46
	-10321 Aug 19 j 01:24	0°♊	
morning set	-10321 Aug 27 j 07:13	12°♊42'41	
desc. node	-10321 Sep 07 j 04:58	29°♊52'09	
	-10321 Sep 07 j 06:56	0°♋	
max. Earth dist.	-10321 Sep 07 j 21:59	1°♋00'04	1.43850 AU
superior conj	-10321 Sep 12 j 16:57	8°♋43'32	-0°32'59
minimum elong	-10321 Sep 12 j 13:33	8°♋29'43	0°31'59
	-10321 Sep 25 j 10:48	0°♌	
evening rise	-10321 Sep 26 j 02:56	1°♌08'55	
evening max el	-10321 Oct 14 j 01:09	28°♌49'10	18°15'02
	-10321 Oct 15 j 07:18	0°♍	
asc. node	-10321 Oct 18 j 09:52	1°♍57'24	
retrograde	-10321 Oct 20 j 15:35	2°♍23'30	
evening set	-10321 Oct 23 j 08:59	1°♍45'00	
	-10321 Oct 26 j 00:37	30°℞♌	
inferior conj	-10321 Oct 29 j 17:20	26°♌20'22	3°10'27
minimum elong	-10321 Oct 29 j 13:38	26°♌30'24	3°09'52
min. Earth dist.	-10321 Nov 01 j 01:21	23°♌49'04	0.63409 AU
morning rise	-10321 Nov 04 j 17:32	20°♌23'36	
direct	-10321 Nov 11 j 17:51	17°♌40'31	
morning max el	-10321 Nov 25 j 08:24	25°♌13'59	27°31'54
	-10321 Nov 29 j 19:24	0°♍	
desc. node	-10321 Dec 04 j 05:38	5°♍27'15	
	-10321 Dec 20 j 06:59	0°♎	
morning set	-10321 Dec 29 j 15:39	17°♎30'47	
max. Earth dist.	-10320 Jan 03 j 23:21	28°♎27'36	1.33504 AU
	-10320 Jan 04 j 16:48	0°♏	
superior conj	-10320 Jan 06 j 07:10	3°♏24'37	-1°10'12
minimum elong	-10320 Jan 06 j 09:25	3°♏36'37	1°10'09
evening rise	-10320 Jan 13 j 10:17	18°♏39'43	
asc. node	-10320 Jan 14 j 07:43	20°♏31'32	
	-10320 Jan 19 j 01:43	0°♐	
evening max el	-10320 Feb 05 j 12:35	25°♐13'39	23°12'18
	-10320 Feb 12 j 02:18	0°♑	
retrograde	-10320 Feb 18 j 18:51	1°♑40'58	
evening set	-10320 Feb 22 j 09:26	1°♑12'32	
	-10320 Feb 25 j 18:00	30°℞♐	
min. Earth dist.	-10320 Mar 01 j 00:31	27°♐43'43	0.55817 AU
desc. node	-10320 Mar 01 j 06:33	27°♐34'52	
inferior conj	-10320 Mar 02 j 12:14	26°♐51'06	-0°19'16
minimum elong	-10320 Mar 02 j 11:24	26°♐52'20	0°19'34
morning rise	-10320 Mar 11 j 15:23	22°♐48'37	
direct	-10320 Mar 13 j 21:35	22°♐36'06	
morning max el	-10320 Mar 24 j 16:48	27°♐42'29	20°23'51
	-10320 Mar 26 j 21:54	0°♑	
asc. node	-10320 Apr 11 j 06:38	25°♑19'08	
morning set	-10320 Apr 12 j 05:02	27°♑12'20	
	-10320 Apr 13 j 13:54	0°♒	
superior conj	-10320 Apr 20 j 00:08	13°♒09'04	1°14'54
minimum elong	-10320 Apr 19 j 21:16	12°♒54'33	1°14'03
max. Earth dist.	-10320 Apr 24 j 18:28	22°♒35'24	1.36182 AU
	-10320 Apr 28 j 16:14	0°♓	
evening rise	-10320 Apr 29 j 00:06	0°♓36'25	
	-10320 May 16 j 15:40	0°♈	
desc. node	-10320 May 28 j 04:42	15°♈44'39	
evening max el	-10320 Jun 03 j 18:12	23°♈03'12	26°07'54
	-10320 Jun 14 j 00:45	0°♉	
retrograde	-10320 Jun 16 j 07:35	0°♉18'24	
	-10320 Jun 18 j 11:56	30°℞♈	
evening set	-10320 Jun 22 j 16:10	27°♈34'20	
min. Earth dist.	-10320 Jun 26 j 19:12	23°♈03'21	0.66215 AU
inferior conj	-10320 Jun 28 j 03:38	21°♈20'55	-2°47'01
minimum elong	-10320 Jun 28 j 06:12	21°♈12'48	2°46'14
morning rise	-10320 Jul 03 j 20:20	15°♈29'01	
direct	-10320 Jul 07 j 03:27	14°♈26'21	
asc. node	-10320 Jul 08 j 07:15	14°♈33'50	
morning max el	-10320 Jul 14 j 03:36	18°♈25'28	19°09'28

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10320 Jul	22 j 22:55	0°♉				-10319 Jun	25 j 05:20	0°♈	
morning set	-10320 Aug	05 j 19:03	21°♉37'51			morning max el	-10319 Jun	27 j 14:09	2°♈03'16	18°29'11
	-10320 Aug	11 j 02:02	0°♊				-10319 Jul	16 j 06:17	0°♉	
max. Earth dist.	-10320 Aug	20 j 14:09	15°♊00'57	1.44538 AU		morning set	-10319 Jul	17 j 05:51	1°♉36'57	
superior conj	-10320 Aug	22 j 00:36	17°♊17'25	0°12'26		superior conj	-10319 Aug	01 j 00:30	25°♉31'01	0°57'13
minimum elong	-10320 Aug	22 j 02:12	17°♊23'46	0°12'47		minimum elong	-10319 Aug	01 j 06:37	25°♉55'23	0°56'59
behind sun begin	-10320 Aug	21 j 19:02	16°♊55'21			max. Earth dist.	-10319 Aug	03 j 07:10	29°♉07'56	1.44516 AU
behind sun end	-10320 Aug	22 j 09:23	17°♊52'11				-10319 Aug	03 j 20:19	0°♊	
desc. node	-10320 Aug	24 j 02:05	20°♊33'44			desc. node	-10319 Aug	10 j 23:17	11°♊14'15	
	-10320 Aug	29 j 23:52	0°♋			evening rise	-10319 Aug	17 j 14:36	21°♊40'46	
evening rise	-10320 Sep	06 j 10:17	12°♋02'03				-10319 Aug	22 j 21:47	0°♋	
	-10320 Sep	17 j 13:05	0°♌			greatest brilliancy	-10319 Aug	27 j 03:01	6°♋34'23	-0.8m
evening max el	-10320 Sep	26 j 14:02	12°♌16'20	18°40'31		evening max el	-10319 Sep	09 j 23:41	25°♋44'55	19°22'55
retrograde	-10320 Oct	03 j 07:25	16°♌02'02			retrograde	-10319 Sep	17 j 03:02	29°♋50'45	
asc. node	-10320 Oct	04 j 07:02	15°♌56'36			evening set	-10319 Sep	20 j 09:58	28°♋48'01	
evening set	-10320 Oct	06 j 06:27	15°♌12'57			asc. node	-10319 Sep	21 j 04:10	28°♋16'03	
inferior conj	-10320 Oct	12 j 05:53	9°♌32'03	2°23'50		inferior conj	-10319 Sep	26 j 02:11	22°♋54'14	1°33'00
minimum elong	-10320 Oct	12 j 02:45	9°♌41'21	2°23'19		minimum elong	-10319 Sep	26 j 00:04	23°♋00'58	1°32'46
min. Earth dist.	-10320 Oct	14 j 00:36	7°♌25'13	0.64787 AU		min. Earth dist.	-10319 Sep	27 j 08:30	21°♋17'31	0.65847 AU
morning rise	-10320 Oct	17 j 22:34	3°♌24'11			morning rise	-10319 Oct	01 j 13:50	16°♋38'41	
direct	-10320 Oct	24 j 14:21	0°♌39'12			direct	-10319 Oct	07 j 16:58	14°♋01'55	
morning max el	-10320 Nov	06 j 18:17	8°♌09'50	27°00'25		morning max el	-10319 Oct	20 j 04:29	21°♋20'00	26°03'00
desc. node	-10320 Nov	20 j 02:20	24°♌24'39				-10319 Oct	27 j 19:19	0°♌	
	-10320 Nov	23 j 22:33	0°♍			desc. node	-10319 Nov	06 j 23:05	13°♌58'09	
	-10320 Dec	11 j 13:23	0°♎				-10319 Nov	17 j 02:40	0°♍	
morning set	-10320 Dec	12 j 05:38	1°♎18'01			morning set	-10319 Nov	25 j 05:57	14°♍19'57	
max. Earth dist.	-10320 Dec	16 j 20:50	10°♎28'56	1.34469 AU		max. Earth dist.	-10319 Nov	29 j 07:17	21°♍59'58	1.35859 AU
							-10319 Dec	03 j 08:36	0°♎	
superior conj	-10320 Dec	20 j 11:44	17°♎57'32	-1°25'54						
minimum elong	-10320 Dec	20 j 13:52	18°♎08'46	1°25'48		superior conj	-10319 Dec	04 j 09:30	2°♎05'38	-1°36'58
	-10320 Dec	26 j 04:42	0°♏			minimum elong	-10319 Dec	04 j 10:58	2°♎13'04	1°36'52
evening rise	-10320 Dec	27 j 20:27	3°♏27'52			evening rise	-10319 Dec	12 j 03:45	18°♎02'10	
asc. node	-10320 Dec	31 j 05:00	10°♏17'47			asc. node	-10319 Dec	18 j 02:18	29°♎42'33	
	-10319 Jan	11 j 21:58	0°♐				-10319 Dec	18 j 06:04	0°♏	
evening max el	-10319 Jan	17 j 09:37	6°♐13'16	21°40'23		evening max el	-10319 Dec	30 j 15:10	17°♏41'13	20°20'05
retrograde	-10319 Jan	29 j 10:39	11°♐56'18			retrograde	-10318 Jan	10 j 02:49	22°♏36'37	
evening set	-10319 Feb	01 j 08:14	11°♐37'25			evening set	-10318 Jan	12 j 16:57	22°♏19'53	
inferior conj	-10319 Feb	10 j 10:27	7°♐35'09	1°28'27		inferior conj	-10318 Jan	21 j 09:47	18°♏20'00	3°01'14
minimum elong	-10319 Feb	10 j 14:11	7°♐29'51	1°26'46		minimum elong	-10318 Jan	21 j 15:30	18°♏11'25	2°59'29
min. Earth dist.	-10319 Feb	10 j 14:49	7°♐28'58	0.55408 AU		min. Earth dist.	-10318 Jan	23 j 04:41	17°♏15'45	0.55875 AU
desc. node	-10319 Feb	16 j 03:30	4°♐37'42			morning rise	-10318 Jan	30 j 12:18	13°♏52'54	
morning rise	-10319 Feb	19 j 20:11	3°♐28'06			direct	-10318 Feb	03 j 05:06	13°♏22'44	
direct	-10319 Feb	22 j 12:34	3°♐12'02			desc. node	-10318 Feb	03 j 00:24	13°♏22'49	
morning max el	-10319 Mar	06 j 22:00	9°♐09'52	21°46'47		morning max el	-10318 Feb	16 j 17:35	20°♏04'01	23°21'44
	-10319 Mar	21 j 11:56	0°♑				-10318 Feb	25 j 00:39	0°♐	
morning set	-10319 Mar	27 j 14:04	12°♑01'56			morning set	-10318 Mar	12 j 01:49	27°♐03'24	
asc. node	-10319 Mar	29 j 03:36	15°♑17'12				-10318 Mar	13 j 11:23	0°♑	
						asc. node	-10318 Mar	16 j 00:40	5°♑26'47	
superior conj	-10319 Apr	03 j 23:21	27°♑30'53	0°53'32						
minimum elong	-10319 Apr	03 j 21:07	27°♑19'18	0°52'36		superior conj	-10318 Mar	19 j 04:50	12°♑14'46	0°30'25
	-10319 Apr	05 j 04:03	0°♒			minimum elong	-10318 Mar	19 j 03:32	12°♑07'53	0°29'35
max. Earth dist.	-10319 Apr	07 j 09:45	4°♒35'05	1.34822 AU		max. Earth dist.	-10318 Mar	21 j 10:52	17°♑01'20	1.33814 AU
evening rise	-10319 Apr	12 j 04:41	14°♒03'26			evening rise	-10318 Mar	26 j 21:16	28°♑09'33	
	-10319 Apr	20 j 23:12	0°♓				-10318 Mar	27 j 19:38	0°♒	
	-10319 May	11 j 09:37	0°♈				-10318 Apr	14 j 04:13	0°♓	
desc. node	-10319 May	15 j 02:05	4°♈11'09			evening max el	-10318 Apr	29 j 15:18	19°♓24'48	27°24'51
evening max el	-10319 May	17 j 04:55	6°♈21'24	26°59'21		desc. node	-10318 May	01 j 23:25	21°♓33'18	
retrograde	-10319 May	30 j 10:19	13°♈50'18			retrograde	-10318 May	13 j 07:39	26°♓58'07	
evening set	-10319 Jun	06 j 05:23	11°♈02'32			evening set	-10318 May	20 j 07:23	24°♓19'24	
min. Earth dist.	-10319 Jun	10 j 01:17	7°♈10'01	0.65151 AU		min. Earth dist.	-10318 May	23 j 23:04	20°♓59'50	0.63697 AU
inferior conj	-10319 Jun	11 j 23:55	4°♈53'29	-3°15'45		inferior conj	-10318 May	26 j 12:15	18°♓17'16	-3°33'37
minimum elong	-10319 Jun	12 j 02:10	4°♈46'51	3°15'23		minimum elong	-10318 May	26 j 13:31	18°♓13'54	3°33'42
	-10319 Jun	16 j 20:07	30°♓			morning rise	-10318 Jun	01 j 20:30	12°♓57'15	
morning rise	-10319 Jun	17 j 23:18	29°♓16'21			direct	-10318 Jun	04 j 15:45	12°♓17'32	
direct	-10319 Jun	20 j 23:43	28°♓26'10			morning max el	-10318 Jun	11 j 03:39	15°♓42'24	18°06'16
asc. node	-10319 Jun	25 j 04:05	29°♓57'47			asc. node	-10318 Jun	12 j 00:56	16°♓38'08	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10318 Jun 21 j 06:20	0°♈	
morning set	-10318 Jun 28 j 18:05	12°♈47'21	
	-10318 Jul 08 j 21:47	0°♉	
superior conj	-10318 Jul 11 j 15:02	4°♉29'05	1°30'08
minimum elong	-10318 Jul 11 j 20:47	4°♉52'41	1°29'58
max. Earth dist.	-10318 Jul 16 j 21:43	13°♉02'32	1.43805 AU
evening rise	-10318 Jul 27 j 20:31	0°♊17'38	
	-10318 Jul 27 j 15:59	0°♊	
desc. node	-10318 Jul 28 j 20:32	1°♊50'41	
	-10318 Aug 16 j 17:03	0°♋	
evening max el	-10318 Aug 24 j 03:56	9°♋12'02	20°20'39
retrograde	-10318 Aug 31 j 23:51	13°♋46'27	
evening set	-10318 Sep 04 j 17:01	12°♋26'50	
asc. node	-10318 Sep 08 j 01:15	9°♋07'20	
inferior conj	-10318 Sep 10 j 03:48	6°♋23'26	0°40'42
minimum elong	-10318 Sep 10 j 02:52	6°♋26'33	0°40'54
min. Earth dist.	-10318 Sep 10 j 22:51	5°♋19'37	0.66605 AU
morning rise	-10318 Sep 15 j 12:28	0°♋03'59	
	-10318 Sep 15 j 14:19	30°℞♊	
direct	-10318 Sep 21 j 01:18	27°♊42'05	
	-10318 Sep 27 j 06:01	0°♋	
morning max el	-10318 Oct 02 j 14:00	4°♋34'21	24°47'58
	-10318 Oct 22 j 05:08	0°♌	
desc. node	-10318 Oct 24 j 19:51	3°♌57'02	
morning set	-10318 Nov 07 j 11:24	26°♌21'31	
	-10318 Nov 09 j 12:35	0°♍	
max. Earth dist.	-10318 Nov 11 j 08:15	3°♍17'47	1.37631 AU
superior conj	-10318 Nov 17 j 21:13	15°♍38'52	-1°41'44
minimum elong	-10318 Nov 17 j 21:19	15°♍39'18	1°41'32
	-10318 Nov 25 j 02:51	0°♎	
evening rise	-10318 Nov 26 j 06:07	2°♎16'06	
asc. node	-10318 Dec 04 j 23:37	18°♎37'35	
evening max el	-10318 Dec 13 j 07:01	29°♎43'29	19°17'15
	-10318 Dec 13 j 14:05	0°♏	
retrograde	-10318 Dec 22 j 06:11	3°♏58'45	
evening set	-10318 Dec 24 j 18:30	3°♏40'12	
	-10317 Jan 01 j 03:23	30°℞♎	
inferior conj	-10317 Jan 01 j 22:10	29°♎28'29	3°57'54
minimum elong	-10317 Jan 02 j 01:46	29°♎22'22	3°57'13
min. Earth dist.	-10317 Jan 04 j 18:48	27°♎33'11	0.57107 AU
morning rise	-10317 Jan 10 j 06:48	24°♎36'11	
direct	-10317 Jan 15 j 08:14	23°♎37'02	
desc. node	-10317 Jan 20 j 21:15	24°♎48'12	
	-10317 Jan 28 j 13:24	0°♏	
morning max el	-10317 Jan 29 j 08:24	0°♏44'25	24°57'37
	-10317 Feb 18 j 13:01	0°♐	
morning set	-10317 Feb 24 j 14:22	12°♐08'41	
asc. node	-10317 Mar 02 j 21:46	25°♐42'19	
superior conj	-10317 Mar 03 j 14:13	27°♐11'36	0°06'43
minimum elong	-10317 Mar 03 j 13:58	27°♐10'09	0°06'05
behind sun begin	-10317 Mar 03 j 09:15	26°♐44'39	
behind sun end	-10317 Mar 03 j 18:40	27°♐35'39	
	-10317 Mar 04 j 21:22	0°♑	
max. Earth dist.	-10317 Mar 04 j 19:35	29°♐50'23	1.33152 AU
evening rise	-10317 Mar 10 j 22:05	12°♑41'36	
	-10317 Mar 20 j 00:12	0°♒	
	-10317 Apr 09 j 23:15	0°♓	
evening max el	-10317 Apr 11 j 23:15	2°♓01'22	27°19'21
desc. node	-10317 Apr 18 j 20:43	7°♓24'10	
retrograde	-10317 Apr 25 j 22:24	9°♓32'18	
evening set	-10317 May 02 j 18:37	7°♓16'18	
min. Earth dist.	-10317 May 06 j 11:45	4°♓19'13	0.61904 AU
inferior conj	-10317 May 09 j 13:32	1°♓25'18	-3°36'36
minimum elong	-10317 May 09 j 13:05	1°♓26'21	3°36'56
	-10317 May 11 j 02:16	30°℞♒	
morning rise	-10317 May 16 j 09:07	26°♒24'11	
direct	-10317 May 19 j 00:15	25°♒53'18	
morning max el	-10317 May 25 j 17:32	29°♒16'32	18°01'45
	-10317 May 26 j 10:37	0°♓	
asc. node	-10317 May 29 j 21:48	4°♓18'40	
morning set	-10317 Jun 11 j 04:12	25°♓01'11	
	-10317 Jun 13 j 22:37	0°♈	
superior conj	-10317 Jun 22 j 07:53	14°♈45'05	1°46'51
minimum elong	-10317 Jun 22 j 10:14	14°♈55'07	1°46'52
max. Earth dist.	-10317 Jun 29 j 07:52	26°♈30'25	1.42506 AU
	-10317 Jul 01 j 11:12	0°♉	
evening rise	-10317 Jul 06 j 22:20	8°♉44'02	
desc. node	-10317 Jul 15 j 17:51	22°♉19'32	
	-10317 Jul 20 j 21:28	0°♊	
evening max el	-10317 Aug 07 j 01:30	22°♊36'18	21°31'11
retrograde	-10317 Aug 15 j 19:53	27°♊46'52	
evening set	-10317 Aug 20 j 01:26	26°♊07'31	
inferior conj	-10317 Aug 25 j 08:38	19°♊57'26	-0°11'01
minimum elong	-10317 Aug 25 j 08:52	19°♊56'39	0°10'22
transit middle	-10317 Aug 25 j 08:52	19°♊56'39	0°10'22
transit begin	-10317 Aug 25 j 06:46	20°♊03'52	
transit end	-10317 Aug 25 j 10:58	19°♊49'26	
min. Earth dist.	-10317 Aug 25 j 17:07	19°♊28'17	0.67073 AU
asc. node	-10317 Aug 25 j 22:18	19°♊10'31	
morning rise	-10317 Aug 30 j 16:09	13°♊37'55	
direct	-10317 Sep 04 j 14:35	11°♊34'19	
morning max el	-10317 Sep 15 j 00:08	17°♊49'12	23°24'31
	-10317 Sep 25 j 02:35	0°♋	
desc. node	-10317 Oct 11 j 16:40	24°♋13'47	
	-10317 Oct 15 j 07:53	0°♌	
morning set	-10317 Oct 19 j 16:29	7°♌08'52	
max. Earth dist.	-10317 Oct 24 j 06:11	14°♌55'50	1.39620 AU
superior conj	-10317 Oct 31 j 18:38	28°♌25'23	-1°37'59
minimum elong	-10317 Oct 31 j 16:42	28°♌16'26	1°37'32
	-10317 Nov 01 j 15:00	0°♍	
evening rise	-10317 Nov 10 j 01:02	16°♍03'20	
	-10317 Nov 17 j 13:06	0°♎	
asc. node	-10317 Nov 21 j 20:55	6°♎53'02	
evening max el	-10317 Nov 26 j 08:13	12°♎17'05	18°34'18
retrograde	-10317 Dec 04 j 03:15	16°♎05'40	
evening set	-10317 Dec 06 j 15:22	15°♎43'27	
inferior conj	-10317 Dec 14 j 05:28	11°♎11'42	4°16'05
minimum elong	-10317 Dec 14 j 05:29	11°♎11'42	4°16'01
min. Earth dist.	-10317 Dec 17 j 11:15	8°♎41'05	0.58822 AU
morning rise	-10317 Dec 21 j 17:47	5°♎57'03	
direct	-10317 Dec 27 j 23:11	4°♎20'01	
desc. node	-10316 Jan 07 j 18:02	8°♎47'23	
morning max el	-10316 Jan 11 j 01:05	11°♎39'31	26°19'40
	-10316 Jan 25 j 08:20	0°♏	
morning set	-10316 Feb 09 j 01:54	27°♏11'21	
	-10316 Feb 10 j 09:55	0°♐	
superior conj	-10316 Feb 16 j 01:38	12°♐14'38	-0°16'44
minimum elong	-10316 Feb 16 j 02:21	12°♐18'32	0°17'08
max. Earth dist.	-10316 Feb 16 j 08:31	12°♐52'12	1.32819 AU
asc. node	-10316 Feb 17 j 18:53	15°♐59'33	
evening rise	-10316 Feb 23 j 04:25	27°♐30'04	
	-10316 Feb 24 j 09:35	0°♑	
	-10316 Mar 12 j 13:19	0°♒	
evening max el	-10316 Mar 24 j 02:28	14°♒01'33	26°41'02
desc. node	-10316 Apr 04 j 17:58	21°♒10'11	
retrograde	-10316 Apr 07 j 04:55	21°♒25'31	
evening set	-10316 Apr 13 j 11:47	19°♒42'33	
min. Earth dist.	-10316 Apr 17 j 15:44	16°♒53'52	0.59921 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10316 Apr 21 j 00:06	14°♒08'52	-3°18'53
minimum elong	-10316 Apr 20 j 21:33	14°♒14'10	3°19'02
morning rise	-10316 Apr 28 j 09:45	9°♒27'58	
direct	-10316 Apr 30 j 21:16	9°♒04'36	
morning max el	-10316 May 08 j 05:04	12°♒38'13	18°16'15
asc. node	-10316 May 15 j 18:38	22°♒45'39	
	-10316 May 19 j 22:25	0°♓	
morning set	-10316 May 24 j 07:13	8°♓06'30	
superior conj	-10316 Jun 03 j 02:46	26°♓19'19	1°49'14
minimum elong	-10316 Jun 03 j 01:57	26°♓15'40	1°49'08
	-10316 Jun 05 j 04:02	0°♈	
max. Earth dist.	-10316 Jun 10 j 12:39	9°♈19'44	1.40797 AU
evening rise	-10316 Jun 15 j 17:35	18°♈01'16	
	-10316 Jun 23 j 06:09	0°♉	
desc. node	-10316 Jul 01 j 15:14	12°♉36'06	
	-10316 Jul 14 j 10:01	0°♊	
evening max el	-10316 Jul 19 j 16:39	5°♊57'29	22°50'25
retrograde	-10316 Jul 29 j 13:41	11°♊48'57	
evening set	-10316 Aug 03 j 09:18	9°♊48'19	
inferior conj	-10316 Aug 08 j 14:52	3°♊34'08	-1°00'29
minimum elong	-10316 Aug 08 j 16:07	3°♊29'48	0°59'30
min. Earth dist.	-10316 Aug 08 j 12:52	3°♊41'00	0.67251 AU
	-10316 Aug 11 j 07:33	30°℞♉	
asc. node	-10316 Aug 11 j 19:16	29°♉25'21	
morning rise	-10316 Aug 13 j 22:50	27°♉18'09	
direct	-10316 Aug 18 j 07:52	25°♉33'41	
	-10316 Aug 26 j 10:59	0°♊	
morning max el	-10316 Aug 27 j 13:39	1°♊05'59	22°01'05
	-10316 Sep 18 j 00:53	0°♋	
desc. node	-10316 Sep 27 j 13:32	14°♋42'17	
morning set	-10316 Sep 28 j 18:34	16°♋37'47	
max. Earth dist.	-10316 Oct 05 j 07:57	27°♋19'11	1.41557 AU
	-10316 Oct 06 j 22:21	0°♌	
superior conj	-10316 Oct 12 j 20:10	10°♌09'41	-1°23'09
minimum elong	-10316 Oct 12 j 16:07	9°♌51'57	1°22'19
evening rise	-10316 Oct 23 j 09:13	29°♌15'35	
	-10316 Oct 23 j 18:51	0°♍	
asc. node	-10316 Nov 07 j 18:11	24°♍16'14	
evening max el	-10316 Nov 08 j 16:18	25°♍14'02	18°11'33
retrograde	-10316 Nov 15 j 17:25	28°♍49'09	
evening set	-10316 Nov 18 j 06:11	28°♍22'04	
inferior conj	-10316 Nov 25 j 07:40	23°♍28'21	4°04'39
minimum elong	-10316 Nov 25 j 05:03	23°♍34'13	4°04'28
min. Earth dist.	-10316 Nov 28 j 09:42	20°♍42'55	0.60694 AU
morning rise	-10316 Dec 02 j 02:36	17°♍54'46	
direct	-10316 Dec 09 j 00:05	15°♍42'45	
morning max el	-10316 Dec 22 j 23:51	23°♍09'40	27°14'49
desc. node	-10316 Dec 24 j 14:45	24°♍47'07	
	-10316 Dec 29 j 04:38	0°♎	
	-10315 Jan 17 j 08:09	0°♏	
morning set	-10315 Jan 23 j 10:36	12°♏04'25	
max. Earth dist.	-10315 Jan 29 j 21:57	25°♏53'31	1.32803 AU
superior conj	-10315 Jan 30 j 13:24	27°♏17'45	-0°39'05
minimum elong	-10315 Jan 30 j 14:56	27°♏26'06	0°39'16
	-10315 Jan 31 j 19:08	0°♐	
asc. node	-10315 Feb 03 j 16:03	6°♐14'26	
evening rise	-10315 Feb 06 j 14:05	12°♐27'03	
	-10315 Feb 15 j 14:40	0°♑	
evening max el	-10315 Mar 05 j 23:51	25°♑24'04	25°33'33
	-10315 Mar 11 j 19:57	0°♒	
retrograde	-10315 Mar 20 j 01:34	2°♒35'53	
desc. node	-10315 Mar 22 j 15:08	2°♒20'02	
evening set	-10315 Mar 25 j 09:37	1°♒28'13	
	-10315 Mar 28 j 07:03	30°℞♑	
min. Earth dist.	-10315 Mar 30 j 12:54	28°♑33'32	0.57987 AU
inferior conj	-10315 Apr 02 j 16:32	26°♑19'22	-2°33'37
minimum elong	-10315 Apr 02 j 12:34	26°♑26'28	2°33'16
morning rise	-10315 Apr 10 j 18:42	21°♑58'15	
direct	-10315 Apr 13 j 02:29	21°♑41'08	
morning max el	-10315 Apr 21 j 11:28	25°♑39'20	18°50'19
	-10315 Apr 25 j 06:53	0°♒	
asc. node	-10315 May 02 j 15:29	11°♒48'26	
morning set	-10315 May 07 j 22:46	21°♒52'42	
	-10315 May 12 j 02:35	0°♓	
superior conj	-10315 May 16 j 18:36	8°♓58'56	1°41'06
minimum elong	-10315 May 16 j 16:04	8°♓46'57	1°40'39
max. Earth dist.	-10315 May 23 j 13:26	21°♓28'21	1.38912 AU
evening rise	-10315 May 27 j 15:59	28°♓39'37	
	-10315 May 28 j 10:47	0°♈	
	-10315 Jun 16 j 16:29	0°♉	
desc. node	-10315 Jun 18 j 12:39	2°♉34'49	
evening max el	-10315 Jul 02 j 03:32	19°♉18'35	24°12'21
retrograde	-10315 Jul 13 j 04:18	25°♉50'00	
evening set	-10315 Jul 18 j 14:47	23°♉28'51	
inferior conj	-10315 Jul 23 j 20:46	17°♉12'57	-1°46'12
minimum elong	-10315 Jul 23 j 22:49	17°♉06'01	1°45'06
min. Earth dist.	-10315 Jul 23 j 07:48	17°♉57'01	0.67120 AU
morning rise	-10315 Jul 29 j 06:49	11°♉03'50	
asc. node	-10315 Jul 29 j 16:10	10°♉47'15	
direct	-10315 Aug 02 j 04:08	9°♉37'24	
morning max el	-10315 Aug 10 j 09:01	14°♉28'47	20°44'35
	-10315 Aug 22 j 08:20	0°♊	
morning set	-10315 Sep 08 j 00:29	25°♊12'24	
	-10315 Sep 11 j 01:59	0°♋	
desc. node	-10315 Sep 14 j 10:29	5°♋18'46	
max. Earth dist.	-10315 Sep 17 j 16:06	10°♋30'17	1.43164 AU
superior conj	-10315 Sep 23 j 20:15	20°♋38'17	-0°55'06
minimum elong	-10315 Sep 23 j 15:37	20°♋18'59	0°54'00
	-10315 Sep 29 j 08:59	0°♌	
evening rise	-10315 Oct 06 j 02:37	11°♌43'50	
	-10315 Oct 16 j 19:12	0°♍	
evening max el	-10315 Oct 23 j 04:29	8°♍27'35	18°08'21
asc. node	-10315 Oct 25 j 15:25	10°♍32'34	
retrograde	-10315 Oct 29 j 20:41	11°♍59'49	
evening set	-10315 Nov 01 j 11:43	11°♍26'14	
inferior conj	-10315 Nov 08 j 01:54	6°♍12'10	3°33'49
minimum elong	-10315 Nov 07 j 22:15	6°♍21'30	3°33'21
min. Earth dist.	-10315 Nov 10 j 17:20	3°♍31'10	0.62479 AU
morning rise	-10315 Nov 14 j 07:48	0°♍22'41	
	-10315 Nov 14 j 20:41	30°℞♌	
direct	-10315 Nov 21 j 09:40	27°♌46'52	
	-10315 Nov 28 j 11:24	0°♍	
morning max el	-10315 Dec 05 j 04:50	5°♍19'44	27°35'44
desc. node	-10315 Dec 11 j 11:24	12°♍14'48	
	-10315 Dec 23 j 22:40	0°♎	
morning set	-10314 Jan 07 j 14:16	26°♎39'40	
	-10314 Jan 09 j 05:25	0°♏	
max. Earth dist.	-10314 Jan 13 j 07:58	8°♏39'44	1.33133 AU
superior conj	-10314 Jan 14 j 23:50	12°♏14'32	-0°59'35
minimum elong	-10314 Jan 15 j 01:56	12°♏25'48	0°59'36
asc. node	-10314 Jan 21 j 13:16	26°♏22'18	
evening rise	-10314 Jan 22 j 01:14	27°♏25'21	
	-10314 Jan 23 j 06:54	0°♐	
	-10314 Feb 10 j 00:02	0°♑	
evening max el	-10314 Feb 15 j 17:13	6°♑19'56	24°06'20
retrograde	-10314 Mar 01 j 10:32	13°♑08'35	
evening set	-10314 Mar 05 j 15:08	12°♑29'24	
desc. node	-10314 Mar 09 j 12:12	10°♑50'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10314 Mar 12 j 06:11	9°♉16'14	0.56418 AU
inferior conj	-10314 Mar 14 j 13:04	7°♉50'41	-1°16'22
minimum elong	-10314 Mar 14 j 10:09	7°♉55'15	1°16'05
morning rise	-10314 Mar 23 j 08:10	3°♉44'30	
direct	-10314 Mar 25 j 13:14	3°♉31'30	
morning max el	-10314 Apr 04 j 09:46	8°♉09'39	19°44'10
	-10314 Apr 18 j 20:21	0°♒	
asc. node	-10314 Apr 19 j 12:22	1°♒17'54	
morning set	-10314 Apr 21 j 23:14	6°♒09'38	
superior conj	-10314 Apr 30 j 01:55	22°♒27'50	1°25'52
minimum elong	-10314 Apr 29 j 22:55	22°♒13'00	1°25'06
	-10314 May 03 j 22:50	0°♓	
max. Earth dist.	-10314 May 05 j 15:11	3°♓11'14	1.37106 AU
evening rise	-10314 May 09 j 15:49	10°♓35'50	
	-10314 May 21 j 03:05	0°♈	
desc. node	-10314 Jun 05 j 10:05	22°♈07'06	
	-10314 Jun 11 j 23:33	0°♉	
evening max el	-10314 Jun 14 j 13:07	2°♉41'10	25°29'18
retrograde	-10314 Jun 26 j 14:55	9°♉44'30	
evening set	-10314 Jul 02 j 15:51	7°♉06'47	
min. Earth dist.	-10314 Jul 06 j 23:36	2°♉13'05	0.66649 AU
inferior conj	-10314 Jul 08 j 00:34	0°♉51'35	-2°26'43
minimum elong	-10314 Jul 08 j 03:04	0°♉43'24	2°25'45
	-10314 Jul 08 j 16:25	30°℞♈	
morning rise	-10314 Jul 13 j 14:19	24°♈52'26	
asc. node	-10314 Jul 16 j 13:02	23°♈43'31	
direct	-10314 Jul 17 j 01:56	23°♈41'52	
morning max el	-10314 Jul 24 j 10:59	27°♈58'11	19°39'55
	-10314 Jul 26 j 07:06	0°♉	
	-10314 Aug 15 j 18:53	0°♊	
morning set	-10314 Aug 18 j 04:17	3°♊43'58	
max. Earth dist.	-10314 Aug 31 j 05:28	24°♊15'48	1.44223 AU
desc. node	-10314 Sep 01 j 07:34	25°♊59'40	
superior conj	-10314 Sep 03 j 16:48	29°♊48'23	-0°14'26
minimum elong	-10314 Sep 03 j 15:12	29°♊41'56	0°13'38
behind sun begin	-10314 Sep 03 j 09:04	29°♊17'22	
behind sun end	-10314 Sep 03 j 21:19	0°♋06'31	
	-10314 Sep 03 j 19:42	0°♋	
evening rise	-10314 Sep 17 j 23:58	23°♋15'38	
	-10314 Sep 22 j 00:28	0°♌	
evening max el	-10314 Oct 06 j 17:58	21°♌51'47	18°23'46
asc. node	-10314 Oct 12 j 12:36	25°♌26'16	
retrograde	-10314 Oct 13 j 08:58	25°♌30'10	
evening set	-10314 Oct 16 j 04:22	24°♌47'41	
inferior conj	-10314 Oct 22 j 08:45	19°♌15'56	2°51'25
minimum elong	-10314 Oct 22 j 05:12	19°♌25'55	2°50'49
min. Earth dist.	-10314 Oct 24 j 11:10	16°♌53'43	0.64029 AU
morning rise	-10314 Oct 28 j 05:22	13°♌13'50	
direct	-10314 Nov 04 j 02:43	10°♌28'09	
morning max el	-10314 Nov 17 j 13:36	18°♌02'21	27°22'08
	-10314 Nov 27 j 18:34	0°♍	
desc. node	-10314 Nov 28 j 08:04	0°♍45'24	
	-10314 Dec 16 j 17:30	0°♎	
morning set	-10314 Dec 22 j 10:14	10°♎48'09	
max. Earth dist.	-10314 Dec 27 j 10:46	20°♎59'00	1.33854 AU
superior conj	-10314 Dec 30 j 07:11	26°♎58'52	-1°17'21
minimum elong	-10314 Dec 30 j 09:27	27°♎10'52	1°17'17
	-10314 Dec 31 j 17:13	0°♏	
evening rise	-10313 Jan 06 j 12:16	12°♏19'16	
asc. node	-10313 Jan 08 j 10:32	16°♏18'24	
	-10313 Jan 15 j 16:01	0°♐	
evening max el	-10313 Jan 28 j 11:28	17°♐12'18	22°32'29
retrograde	-10313 Feb 10 j 07:17	23°♐22'12	
evening set	-10313 Feb 13 j 12:59	22°♐59'15	

min. Earth dist.	-10313 Feb 21 j 21:41	19°♐15'28	0.55530 AU
inferior conj	-10313 Feb 22 j 16:54	18°♐47'49	0°26'17
minimum elong	-10313 Feb 22 j 18:02	18°♐46'12	0°25'21
desc. node	-10313 Feb 24 j 09:10	17°♐50'30	
morning rise	-10313 Mar 04 j 00:16	14°♐45'06	
direct	-10313 Mar 06 j 08:55	14°♐32'04	
morning max el	-10313 Mar 17 j 21:31	20°♐01'07	20°57'08
	-10313 Mar 25 j 21:45	0°♑	
morning set	-10313 Apr 06 j 05:51	20°♑49'34	
asc. node	-10313 Apr 06 j 09:21	21°♑07'26	
	-10313 Apr 10 j 16:11	0°♒	
superior conj	-10313 Apr 13 j 20:20	6°♒33'29	1°06'09
minimum elong	-10313 Apr 13 j 17:41	6°♒19'54	1°05'14
max. Earth dist.	-10313 Apr 18 j 00:28	14°♒58'13	1.35563 AU
evening rise	-10313 Apr 22 j 11:34	23°♒34'57	
	-10313 Apr 25 j 23:12	0°♓	
	-10313 May 14 j 17:32	0°♈	
desc. node	-10313 May 23 j 07:30	11°♈02'01	
evening max el	-10313 May 27 j 23:34	16°♈03'52	26°32'32
retrograde	-10313 Jun 09 j 20:46	23°♈26'35	
evening set	-10313 Jun 16 j 10:11	20°♈39'47	
min. Earth dist.	-10313 Jun 20 j 09:59	16°♈25'11	0.65809 AU
inferior conj	-10313 Jun 22 j 00:16	14°♈27'41	-3°00'22
minimum elong	-10313 Jun 22 j 02:46	14°♈19'58	2°59'44
morning rise	-10313 Jun 27 j 19:32	8°♈41'29	
direct	-10313 Jun 30 j 23:32	7°♈44'26	
asc. node	-10313 Jul 03 j 09:54	8°♈16'42	
morning max el	-10313 Jul 07 j 18:48	11°♈33'22	18°50'09
	-10313 Jul 20 j 21:29	0°♉	
morning set	-10313 Jul 29 j 00:57	13°♉03'38	
	-10313 Aug 08 j 15:38	0°♊	
superior conj	-10313 Aug 13 j 18:26	8°♊06'05	0°32'17
minimum elong	-10313 Aug 13 j 22:24	8°♊21'45	0°32'19
max. Earth dist.	-10313 Aug 13 j 21:54	8°♊19'47	1.44615 AU
desc. node	-10313 Aug 19 j 04:44	16°♊41'22	
	-10313 Aug 27 j 13:38	0°♋	
evening rise	-10313 Aug 29 j 19:55	3°♋37'08	
	-10313 Sep 15 j 20:11	0°♌	
evening max el	-10313 Sep 20 j 05:51	5°♌20'34	18°56'41
retrograde	-10313 Sep 27 j 02:37	9°♌13'33	
asc. node	-10313 Sep 29 j 09:47	8°♌43'21	
evening set	-10313 Sep 30 j 04:45	8°♌19'05	
inferior conj	-10313 Oct 06 j 00:55	2°♌32'39	2°02'37
minimum elong	-10313 Oct 05 j 22:12	2°♌41'01	2°02'11
min. Earth dist.	-10313 Oct 07 j 14:20	0°♌37'57	0.65278 AU
	-10313 Oct 08 j 02:59	30°℞♋	
morning rise	-10313 Oct 11 j 15:12	26°♋21'12	
direct	-10313 Oct 18 j 02:06	23°♋38'22	
	-10313 Oct 29 j 20:37	0°♌	
morning max el	-10313 Oct 30 j 23:36	1°♌05'03	26°38'38
desc. node	-10313 Nov 15 j 04:47	19°♌59'51	
	-10313 Nov 21 j 19:22	0°♍	
morning set	-10313 Dec 05 j 18:56	24°♍17'39	
	-10313 Dec 08 j 17:56	0°♎	
max. Earth dist.	-10313 Dec 10 j 03:22	2°♎45'19	1.35008 AU
superior conj	-10313 Dec 14 j 09:13	11°♎22'29	-1°31'16
minimum elong	-10313 Dec 14 j 11:09	11°♎32'30	1°31'10
evening rise	-10313 Dec 21 j 21:26	27°♎02'07	
	-10313 Dec 23 j 08:07	0°♏	
asc. node	-10313 Dec 26 j 07:49	5°♏56'15	
evening max el	-10312 Jan 10 j 11:51	28°♏22'42	21°04'24
	-10312 Jan 12 j 08:59	0°♐	
retrograde	-10312 Jan 21 j 21:13	3°♐44'27	
evening set	-10312 Jan 24 j 14:44	3°♐27'08	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10312 Feb 01 j 15:48	30°℞♏	
inferior conj	-10312 Feb 02 j 13:50	29°♏28'27	2°11'15
minimum elong	-10312 Feb 02 j 18:56	29°♏21'07	2°09'20
min. Earth dist.	-10312 Feb 03 j 11:46	28°♏56'55	0.55505 AU
desc. node	-10312 Feb 11 j 06:05	25°♏23'55	
morning rise	-10312 Feb 11 j 22:10	25°♏14'08	
direct	-10312 Feb 14 j 23:34	24°♏53'31	
	-10312 Feb 26 j 14:24	0°♐	
morning max el	-10312 Feb 27 j 22:04	1°♐11'50	22°26'12
	-10312 Mar 17 j 20:47	0°♑	
morning set	-10312 Mar 20 j 16:18	5°♑44'50	
asc. node	-10312 Mar 23 j 06:23	11°♑10'52	
superior conj	-10312 Mar 27 j 22:31	21°♑05'21	0°43'51
minimum elong	-10312 Mar 27 j 20:40	20°♑55'36	0°42'58
max. Earth dist.	-10312 Mar 30 j 20:15	27°♑09'23	1.34354 AU
	-10312 Apr 01 j 05:31	0°♒	
evening rise	-10312 Apr 04 j 21:47	7°♒20'17	
	-10312 Apr 17 j 13:18	0°♓	
desc. node	-10312 May 09 j 04:51	29°♓04'11	
evening max el	-10312 May 09 j 10:40	29°♓18'25	27°13'50
	-10312 May 10 j 04:00	0°♈	
retrograde	-10312 May 22 j 21:13	6°♈49'24	
evening set	-10312 May 29 j 19:03	4°♈04'10	
min. Earth dist.	-10312 Jun 02 j 12:49	0°♈26'24	0.64579 AU
	-10312 Jun 02 j 22:21	30°℞♓	
inferior conj	-10312 Jun 04 j 17:34	27°♓57'48	-3°24'53
minimum elong	-10312 Jun 04 j 19:30	27°♓52'22	3°24'43
morning rise	-10312 Jun 10 j 20:25	22°♓27'24	
direct	-10312 Jun 13 j 18:32	21°♓41'44	
asc. node	-10312 Jun 19 j 06:46	24°♓15'25	
morning max el	-10312 Jun 20 j 06:52	25°♓12'21	18°17'12
	-10312 Jun 24 j 06:23	0°♈	
morning set	-10312 Jul 08 j 22:55	23°♈34'29	
	-10312 Jul 12 j 19:19	0°♉	
superior conj	-10312 Jul 22 j 22:14	16°♉32'05	1°13'06
minimum elong	-10312 Jul 23 j 04:49	16°♉58'34	1°12'49
max. Earth dist.	-10312 Jul 26 j 14:40	22°♉25'32	1.44299 AU
	-10312 Jul 31 j 09:33	0°♊	
desc. node	-10312 Aug 05 j 01:59	7°♊20'58	
evening rise	-10312 Aug 08 j 13:27	12°♊46'38	
	-10312 Aug 19 j 17:14	0°♋	
greatest brilliancy	-10312 Aug 20 j 11:18	1°♋08'25	-0.7m
evening max el	-10312 Sep 02 j 13:34	18°♋49'37	19°45'45
retrograde	-10312 Sep 09 j 22:58	23°♋06'06	
evening set	-10312 Sep 13 j 10:05	21°♋56'24	
asc. node	-10312 Sep 15 j 06:55	20°♋22'45	
inferior conj	-10312 Sep 18 j 23:46	15°♋58'12	1°10'52
minimum elong	-10312 Sep 18 j 22:09	16°♋03'29	1°10'48
min. Earth dist.	-10312 Sep 20 j 01:08	14°♋35'27	0.66213 AU
morning rise	-10312 Sep 24 j 09:57	9°♋40'51	
direct	-10312 Sep 30 j 07:12	7°♋09'52	
morning max el	-10312 Oct 12 j 09:23	14°♋17'39	25°32'40
	-10312 Oct 25 j 07:20	0°♌	
desc. node	-10312 Nov 01 j 01:33	9°♌45'26	
	-10312 Nov 13 j 14:04	0°♍	
morning set	-10312 Nov 17 j 11:50	6°♍55'13	
max. Earth dist.	-10312 Nov 21 j 09:26	14°♍07'58	1.36584 AU
superior conj	-10312 Nov 27 j 03:09	25°♍16'58	-1°39'54
minimum elong	-10312 Nov 27 j 04:07	25°♍21'49	1°39'45
	-10312 Nov 29 j 11:29	0°♎	
evening rise	-10312 Dec 05 j 02:54	11°♎28'28	
asc. node	-10312 Dec 12 j 05:07	25°♎09'11	
	-10312 Dec 15 j 01:45	0°♏	
evening max el	-10312 Dec 22 j 21:41	10°♏04'30	19°50'52

retrograde	-10311 Jan 01 j 16:47	14°♏41'14	
evening set	-10311 Jan 04 j 06:01	14°♏23'53	
inferior conj	-10311 Jan 12 j 17:24	10°♏20'06	3°30'17
minimum elong	-10311 Jan 12 j 22:38	10°♏11'53	3°28'57
min. Earth dist.	-10311 Jan 15 j 01:08	8°♏53'01	0.56328 AU
morning rise	-10311 Jan 21 j 13:14	5°♏42'42	
direct	-10311 Jan 25 j 19:50	5°♏01'58	
desc. node	-10311 Jan 28 j 02:57	5°♏14'02	
morning max el	-10311 Feb 08 j 14:37	11°♏55'36	24°03'21
	-10311 Feb 22 j 06:13	0°♐	
morning set	-10311 Mar 05 j 04:35	20°♐48'21	
	-10311 Mar 09 j 12:02	0°♑	
asc. node	-10311 Mar 10 j 03:25	1°♑23'03	
superior conj	-10311 Mar 12 j 05:51	5°♑54'53	0°20'21
minimum elong	-10311 Mar 12 j 05:00	5°♑50'17	0°19'37
max. Earth dist.	-10311 Mar 14 j 01:09	9°♑46'43	1.33492 AU
evening rise	-10311 Mar 19 j 18:11	21°♑38'05	
	-10311 Mar 24 j 01:03	0°♒	
	-10311 Apr 11 j 11:33	0°♓	
evening max el	-10311 Apr 21 j 20:18	12°♓11'30	27°26'33
desc. node	-10311 Apr 26 j 02:12	15°♓51'09	
retrograde	-10311 May 05 j 15:34	19°♓43'49	
evening set	-10311 May 12 j 15:10	17°♓13'08	
min. Earth dist.	-10311 May 16 j 06:35	14°♓04'56	0.62969 AU
inferior conj	-10311 May 19 j 01:35	11°♓15'31	-3°37'02
minimum elong	-10311 May 19 j 02:13	11°♓13'56	3°37'16
morning rise	-10311 May 25 j 14:20	6°♓03'25	
direct	-10311 May 28 j 07:52	5°♓27'31	
morning max el	-10311 Jun 03 j 20:50	8°♓49'55	18°02'08
asc. node	-10311 Jun 06 j 03:37	11°♓22'59	
	-10311 Jun 17 j 21:38	0°♈	
morning set	-10311 Jun 20 j 21:03	5°♈13'22	
superior conj	-10311 Jul 02 j 23:22	26°♈01'28	1°39'12
minimum elong	-10311 Jul 03 j 03:49	26°♈20'00	1°39'08
	-10311 Jul 05 j 08:53	0°♉	
max. Earth dist.	-10311 Jul 09 j 04:11	6°♉12'51	1.43318 AU
evening rise	-10311 Jul 18 j 14:50	21°♉11'20	
desc. node	-10311 Jul 22 j 23:17	27°♉54'47	
	-10311 Jul 24 j 08:02	0°♊	
	-10311 Aug 14 j 13:22	0°♋	
evening max el	-10311 Aug 16 j 15:00	2°♋15'18	20°49'12
retrograde	-10311 Aug 24 j 19:42	7°♋04'13	
evening set	-10311 Aug 28 j 17:58	5°♋36'17	
asc. node	-10311 Sep 02 j 03:59	0°♋46'57	
	-10311 Sep 02 j 17:58	30°℞♊	
inferior conj	-10311 Sep 03 j 02:59	29°♊29'28	0°18'34
minimum elong	-10311 Sep 03 j 02:33	29°♊30'55	0°18'58
min. Earth dist.	-10311 Sep 03 j 17:23	28°♊40'34	0.66843 AU
morning rise	-10311 Sep 08 j 10:58	23°♊09'38	
direct	-10311 Sep 13 j 17:30	20°♊55'35	
morning max el	-10311 Sep 24 j 19:04	27°♊32'46	24°12'58
	-10311 Sep 27 j 02:27	0°♋	
desc. node	-10311 Oct 18 j 22:21	29°♋52'39	
	-10311 Oct 19 j 00:15	0°♌	
morning set	-10311 Oct 30 j 07:31	18°♌26'28	
max. Earth dist.	-10311 Nov 03 j 08:35	25°♌31'56	1.38469 AU
	-10311 Nov 05 j 19:51	0°♍	
superior conj	-10311 Nov 10 j 09:20	8°♍31'38	-1°41'20
minimum elong	-10311 Nov 10 j 08:37	8°♍28'17	1°41'03
evening rise	-10311 Nov 19 j 02:25	25°♍32'03	
	-10311 Nov 21 j 09:19	0°♎	
asc. node	-10311 Nov 29 j 02:24	13°♎48'48	
evening max el	-10311 Dec 05 j 17:37	22°♎20'26	18°56'25
retrograde	-10311 Dec 14 j 03:49	26°♎23'11	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10311 Dec 16 j 15:48	26°♎03'18	
inferior conj	-10311 Dec 24 j 13:35	21°♎43'18	4°09'58
minimum elong	-10311 Dec 24 j 15:39	21°♎39'34	4°09'39
min. Earth dist.	-10311 Dec 27 j 15:52	19°♎30'43	0.57793 AU
morning rise	-10310 Jan 01 j 13:24	16°♎40'47	
direct	-10310 Jan 07 j 03:37	15°♎26'15	
desc. node	-10310 Jan 14 j 23:45	17°♎48'18	
morning max el	-10310 Jan 21 j 05:43	22°♎39'57	25°35'14
	-10310 Jan 27 j 18:29	0°♏	
	-10310 Feb 14 j 20:06	0°♐	
morning set	-10310 Feb 17 j 16:55	5°♐53'55	
superior conj	-10310 Feb 24 j 16:20	20°♐55'33	-0°03'21
minimum elong	-10310 Feb 24 j 16:30	20°♐56'26	0°03'53
behind sun begin	-10310 Feb 24 j 11:36	20°♐29'47	
behind sun end	-10310 Feb 24 j 21:23	21°♐23'05	
asc. node	-10310 Feb 25 j 00:30	21°♐40'00	
max. Earth dist.	-10310 Feb 25 j 12:08	22°♐43'12	1.32965 AU
	-10310 Feb 28 j 21:18	0°♑	
evening rise	-10310 Mar 03 j 21:39	6°♑18'17	
	-10310 Mar 16 j 15:36	0°♒	
evening max el	-10310 Apr 04 j 02:14	24°♒32'44	27°06'56
	-10310 Apr 11 j 03:57	0°♓	
desc. node	-10310 Apr 12 j 23:27	0°♓53'36	
retrograde	-10310 Apr 18 j 03:08	2°♓01'51	
evening set	-10310 Apr 24 j 19:04	29°♒58'36	
	-10310 Apr 24 j 18:09	30°℞♒	
min. Earth dist.	-10310 Apr 28 j 15:12	27°♒07'15	0.61070 AU
inferior conj	-10310 May 01 j 21:02	24°♒14'05	-3°32'03
minimum elong	-10310 May 01 j 19:41	24°♒17'05	3°32'21
morning rise	-10310 May 08 j 22:18	19°♒21'53	
direct	-10310 May 11 j 11:52	18°♒54'24	
morning max el	-10310 May 18 j 10:08	22°♒20'17	18°05'39
asc. node	-10310 May 24 j 00:27	29°♒24'52	
	-10310 May 24 j 09:39	0°♓	
morning set	-10310 Jun 03 j 14:55	17°♓50'20	
	-10310 Jun 10 j 06:58	0°♈	
superior conj	-10310 Jun 14 j 03:50	6°♈52'27	1°49'24
minimum elong	-10310 Jun 14 j 04:41	6°♈56'12	1°49'24
max. Earth dist.	-10310 Jun 21 j 11:51	19°♈24'38	1.41812 AU
evening rise	-10310 Jun 27 j 21:52	29°♈52'41	
	-10310 Jun 27 j 23:42	0°♉	
desc. node	-10310 Jul 09 j 20:38	18°♉19'02	
	-10310 Jul 17 j 22:14	0°♊	
evening max el	-10310 Jul 30 j 09:33	15°♊37'29	22°04'02
retrograde	-10310 Aug 08 j 15:05	21°♊05'44	
evening set	-10310 Aug 13 j 02:23	19°♊17'24	
inferior conj	-10310 Aug 18 j 08:38	13°♊04'57	-0°32'23
minimum elong	-10310 Aug 18 j 09:19	13°♊02'36	0°31'34
min. Earth dist.	-10310 Aug 18 j 12:39	12°♊51'06	0.67183 AU
asc. node	-10310 Aug 20 j 01:00	10°♊47'27	
morning rise	-10310 Aug 23 j 16:08	6°♊46'20	
direct	-10310 Aug 28 j 08:35	4°♊51'04	
morning max el	-10310 Sep 07 j 06:26	10°♊48'38	22°48'30
	-10310 Sep 22 j 07:55	0°♋	
desc. node	-10310 Oct 05 j 19:11	20°♋14'57	
morning set	-10310 Oct 11 j 01:07	28°♋40'12	
	-10310 Oct 11 j 20:35	0°♌	
max. Earth dist.	-10310 Oct 16 j 07:17	7°♌26'32	1.40463 AU
superior conj	-10310 Oct 23 j 22:58	20°♌53'18	-1°33'12
minimum elong	-10310 Oct 23 j 20:05	20°♌40'15	1°32'36
	-10310 Oct 28 j 21:38	0°♍	
evening rise	-10310 Nov 02 j 17:14	9°♍05'27	
	-10310 Nov 14 j 17:07	0°♎	
asc. node	-10310 Nov 15 j 23:42	1°♎43'54	
evening max el	-10310 Nov 18 j 22:04	5°♎05'00	18°22'12
retrograde	-10310 Nov 26 j 08:28	8°♎46'32	
evening set	-10310 Nov 28 j 20:34	8°♎22'33	
inferior conj	-10310 Dec 06 j 05:12	3°♎41'44	4°14'13
minimum elong	-10310 Dec 06 j 03:54	3°♎44'26	4°14'10
min. Earth dist.	-10310 Dec 09 j 10:44	1°♎01'52	0.59609 AU
	-10310 Dec 10 j 19:09	30°℞♍	
morning rise	-10310 Dec 13 j 09:32	28°♍18'18	
direct	-10310 Dec 19 j 23:16	26°♍25'11	
	-10310 Dec 29 j 11:41	0°♎	
desc. node	-10309 Jan 01 j 20:29	2°♎43'02	
morning max el	-10309 Jan 03 j 00:53	3°♎49'08	26°47'01
	-10309 Jan 22 j 05:13	0°♏	
morning set	-10309 Feb 02 j 03:29	20°♏53'30	
	-10309 Feb 06 j 10:05	0°♐	
superior conj	-10309 Feb 09 j 04:05	5°♐59'37	-0°26'23
minimum elong	-10309 Feb 09 j 05:11	6°♐05'32	0°26'41
max. Earth dist.	-10309 Feb 09 j 01:33	5°♐45'45	1.32766 AU
asc. node	-10309 Feb 11 j 21:37	11°♐56'48	
evening rise	-10309 Feb 16 j 05:36	21°♐11'12	
	-10309 Feb 20 j 14:23	0°♑	
	-10309 Mar 11 j 09:28	0°♒	
evening max el	-10309 Mar 17 j 02:49	6°♒15'56	26°15'28
desc. node	-10309 Mar 30 j 20:39	13°♒36'02	
retrograde	-10309 Mar 31 j 06:03	13°♒36'25	
evening set	-10309 Apr 06 j 03:59	12°♒08'45	
min. Earth dist.	-10309 Apr 10 j 16:09	9°♒18'57	0.59070 AU
inferior conj	-10309 Apr 14 j 00:13	6°♒44'17	-3°03'29
minimum elong	-10309 Apr 13 j 20:52	6°♒50'48	3°03'24
morning rise	-10309 Apr 21 j 16:41	2°♒12'06	
direct	-10309 Apr 24 j 02:23	1°♒51'44	
morning max el	-10309 May 01 j 19:51	5°♒34'18	18°28'20
asc. node	-10309 May 10 j 21:17	18°♒08'02	
	-10309 May 17 j 08:15	0°♓	
morning set	-10309 May 17 j 23:42	1°♓13'41	
superior conj	-10309 May 27 j 08:17	18°♓55'58	1°46'51
minimum elong	-10309 May 27 j 06:34	18°♓48'02	1°46'37
	-10309 Jun 02 j 11:56	0°♈	
max. Earth dist.	-10309 Jun 03 j 13:51	1°♈53'00	1.39997 AU
evening rise	-10309 Jun 08 j 04:16	9°♈42'53	
	-10309 Jun 20 j 23:28	0°♉	
desc. node	-10309 Jun 26 j 18:01	8°♉28'39	
evening max el	-10309 Jul 12 j 22:30	28°♉58'15	23°25'27
	-10309 Jul 13 j 23:47	0°♊	
retrograde	-10309 Jul 23 j 07:43	5°♊07'43	
evening set	-10309 Jul 28 j 09:29	2°♊58'22	
	-10309 Jul 31 j 03:59	30°℞♉	
inferior conj	-10309 Aug 02 j 14:57	26°♉43'07	-1°20'26
minimum elong	-10309 Aug 02 j 16:35	26°♉37'32	1°19'22
min. Earth dist.	-10309 Aug 02 j 08:28	27°♉05'27	0.67228 AU
asc. node	-10309 Aug 06 j 21:57	21°♉25'39	
morning rise	-10309 Aug 07 j 23:35	20°♉29'22	
direct	-10309 Aug 12 j 03:24	18°♉52'39	
morning max el	-10309 Aug 20 j 22:08	24°♉07'29	21°27'20
	-10309 Aug 25 j 23:27	0°♊	
	-10309 Sep 15 j 18:32	0°♋	
morning set	-10309 Sep 20 j 17:08	7°♋41'44	
desc. node	-10309 Sep 22 j 16:06	10°♋47'34	
max. Earth dist.	-10309 Sep 28 j 11:15	20°♋09'33	1.42292 AU
	-10309 Oct 04 j 08:32	0°♌	
superior conj	-10309 Oct 05 j 14:25	2°♌07'46	-1°12'57
minimum elong	-10309 Oct 05 j 09:49	1°♌48'00	1°11'58
evening rise	-10309 Oct 16 j 19:45	22°♌00'40	
	-10309 Oct 21 j 06:09	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10309 Nov 02 j 08:23	18°♍10'50	18°07'53
asc. node	-10309 Nov 02 j 20:58	18°♍41'12	
retrograde	-10309 Nov 09 j 04:34	21°♍43'08	
evening set	-10309 Nov 11 j 18:09	21°♍13'31	
inferior conj	-10309 Nov 18 j 14:41	16°♍11'09	3°53'23
minimum elong	-10309 Nov 18 j 11:27	16°♍18'50	3°53'05
min. Earth dist.	-10309 Nov 21 j 12:54	13°♍25'21	0.61479 AU
morning rise	-10309 Nov 25 j 03:35	10°♍30'39	
direct	-10309 Dec 02 j 04:29	8°♍06'32	
morning max el	-10309 Dec 16 j 02:16	15°♍36'12	27°27'54
desc. node	-10309 Dec 19 j 17:10	19°♍23'56	
	-10309 Dec 27 j 23:45	0°♎	
	-10308 Jan 14 j 14:48	0°♏	
morning set	-10308 Jan 17 j 10:18	5°♏39'51	
max. Earth dist.	-10308 Jan 23 j 13:51	18°♏41'34	1.32902 AU
superior conj	-10308 Jan 24 j 15:31	21°♏00'58	-0°48'03
minimum elong	-10308 Jan 24 j 17:19	21°♏10'47	0°48'09
	-10308 Jan 28 j 18:45	0°♐	
asc. node	-10308 Jan 29 j 18:48	2°♐09'14	
evening rise	-10308 Jan 31 j 16:08	6°♐09'37	
	-10308 Feb 13 j 10:03	0°♑	
evening max el	-10308 Feb 26 j 22:16	17°♑25'26	24°58'09
retrograde	-10308 Mar 11 j 21:48	24°♑28'29	
evening set	-10308 Mar 16 j 18:03	23°♑34'36	
desc. node	-10308 Mar 16 j 17:46	23°♑34'52	
min. Earth dist.	-10308 Mar 22 j 11:35	20°♑33'13	0.57258 AU
inferior conj	-10308 Mar 25 j 08:12	18°♑38'21	-2°04'43
minimum elong	-10308 Mar 25 j 04:17	18°♑44'58	2°04'16
morning rise	-10308 Apr 02 j 17:41	14°♑24'04	
direct	-10308 Apr 04 j 24:00	14°♑09'00	
morning max el	-10308 Apr 13 j 23:04	18°♑22'48	19°10'45
	-10308 Apr 22 j 15:13	0°♒	
asc. node	-10308 Apr 26 j 18:07	7°♒22'48	
morning set	-10308 Apr 30 j 19:25	15°♒13'40	
	-10308 May 08 j 07:01	0°♓	
superior conj	-10308 May 09 j 07:14	1°♓57'24	1°35'19
minimum elong	-10308 May 09 j 04:22	1°♓43'36	1°34'44
max. Earth dist.	-10308 May 15 j 14:19	13°♓47'30	1.38124 AU
evening rise	-10308 May 19 j 14:03	20°♓55'32	
	-10308 May 24 j 21:42	0°♈	
desc. node	-10308 Jun 12 j 15:27	28°♈16'52	
	-10308 Jun 13 j 22:18	0°♉	
evening max el	-10308 Jun 24 j 08:40	12°♉20'15	24°46'23
retrograde	-10308 Jul 05 j 20:35	19°♉06'00	
evening set	-10308 Jul 11 j 13:19	16°♉37'23	
min. Earth dist.	-10308 Jul 16 j 02:21	11°♉21'27	0.66959 AU
inferior conj	-10308 Jul 16 j 20:11	10°♉21'45	-2°04'08
minimum elong	-10308 Jul 16 j 22:28	10°♉14'06	2°03'03
morning rise	-10308 Jul 22 j 07:34	4°♉16'25	
asc. node	-10308 Jul 23 j 18:51	3°♉25'35	
direct	-10308 Jul 26 j 00:37	2°♉56'47	
morning max el	-10308 Aug 02 j 20:10	7°♉32'08	20°15'27
	-10308 Aug 19 j 07:23	0°♊	
morning set	-10308 Aug 29 j 19:29	16°♊07'19	
	-10308 Sep 07 j 15:29	0°♋	
desc. node	-10308 Sep 08 j 13:07	1°♋26'08	
max. Earth dist.	-10308 Sep 09 j 22:07	3°♋38'05	1.43692 AU
superior conj	-10308 Sep 15 j 02:39	12°♋02'16	-0°39'12
minimum elong	-10308 Sep 14 j 22:47	11°♋46'28	0°38'08
	-10308 Sep 25 j 19:56	0°♌	
evening rise	-10308 Sep 28 j 05:17	4°♌06'18	
	-10308 Oct 14 j 12:44	0°♍	
evening max el	-10308 Oct 15 j 21:33	1°♍29'49	18°12'41
asc. node	-10308 Oct 19 j 18:13	4°♍24'32	

retrograde	-10308 Oct 22 j 12:09	5°♍03'18	
evening set	-10308 Oct 25 j 04:54	4°♍26'05	
	-10308 Oct 30 j 17:31	30°℞♌	
inferior conj	-10308 Oct 31 j 14:42	29°♌04'00	3°16'53
minimum elong	-10308 Oct 31 j 10:59	29°♌13'55	3°16'19
min. Earth dist.	-10308 Nov 03 j 00:38	26°♌29'54	0.63180 AU
morning rise	-10308 Nov 06 j 16:17	23°♌09'03	
direct	-10308 Nov 13 j 17:14	20°♌27'32	
morning max el	-10308 Nov 27 j 09:04	28°♌00'41	27°33'56
	-10308 Nov 29 j 08:00	0°♍	
desc. node	-10308 Dec 05 j 13:50	7°♍20'43	
	-10308 Dec 20 j 15:43	0°♎	
morning set	-10308 Dec 31 j 11:04	20°♎04'35	
	-10307 Jan 05 j 06:38	0°♏	
max. Earth dist.	-10307 Jan 05 j 21:22	1°♏17'54	1.33397 AU
superior conj	-10307 Jan 08 j 00:54	5°♏53'06	-1°07'31
minimum elong	-10307 Jan 08 j 03:07	6°♏04'59	1°07'29
evening rise	-10307 Jan 15 j 03:28	21°♏06'55	
asc. node	-10307 Jan 15 j 16:03	22°♏12'43	
	-10307 Jan 19 j 12:20	0°♐	
evening max el	-10307 Feb 07 j 15:28	28°♐17'00	23°26'22
	-10307 Feb 09 j 14:05	0°♑	
retrograde	-10307 Feb 21 j 00:56	4°♑50'18	
evening set	-10307 Feb 24 j 18:59	4°♑19'26	
desc. node	-10307 Mar 03 j 14:47	1°♑14'07	
min. Earth dist.	-10307 Mar 04 j 03:42	0°♑55'11	0.55948 AU
inferior conj	-10307 Mar 05 j 20:53	29°♐53'48	-0°34'55
minimum elong	-10307 Mar 05 j 19:24	29°♐56'00	0°35'02
	-10307 Mar 05 j 16:44	30°℞♐	
morning rise	-10307 Mar 14 j 22:10	25°♐50'55	
direct	-10307 Mar 17 j 03:51	25°♐38'23	
	-10307 Mar 27 j 00:51	0°♑	
morning max el	-10307 Mar 27 j 17:02	0°♑36'59	20°13'00
asc. node	-10307 Apr 13 j 15:03	27°♑01'43	
morning set	-10307 Apr 14 j 22:53	29°♑41'50	
	-10307 Apr 15 j 02:28	0°♒	
superior conj	-10307 Apr 22 j 19:47	15°♒43'35	1°17'54
minimum elong	-10307 Apr 22 j 16:52	15°♒28'53	1°17'05
max. Earth dist.	-10307 Apr 27 j 19:11	25°♒31'11	1.36412 AU
	-10307 Apr 30 j 03:50	0°♓	
evening rise	-10307 May 01 j 23:06	3°♓20'42	
	-10307 May 17 j 21:04	0°♈	
desc. node	-10307 May 30 j 12:53	17°♈34'52	
evening max el	-10307 Jun 06 j 18:37	25°♈43'51	25°58'23
	-10307 Jun 11 j 17:38	0°♉	
retrograde	-10307 Jun 19 j 05:04	2°♉56'16	
evening set	-10307 Jun 25 j 11:49	0°♉13'27	
	-10307 Jun 25 j 17:50	30°℞♈	
min. Earth dist.	-10307 Jun 29 j 16:01	25°♈36'41	0.66342 AU
inferior conj	-10307 Jun 30 j 22:30	23°♈59'33	-2°41'57
minimum elong	-10307 Jul 01 j 01:04	23°♈51'21	2°41'07
morning rise	-10307 Jul 06 j 14:23	18°♈05'46	
direct	-10307 Jul 09 j 22:36	17°♈01'10	
asc. node	-10307 Jul 10 j 15:42	17°♈04'01	
morning max el	-10307 Jul 17 j 00:50	21°♈04'21	19°16'52
	-10307 Jul 24 j 01:35	0°♉	
morning set	-10307 Aug 09 j 04:40	24°♉54'40	
	-10307 Aug 12 j 10:09	0°♊	
max. Earth dist.	-10307 Aug 23 j 13:43	17°♊35'32	1.44479 AU
superior conj	-10307 Aug 25 j 13:09	20°♊43'40	0°05'20
minimum elong	-10307 Aug 25 j 13:52	20°♊46'31	0°05'49
behind sun begin	-10307 Aug 25 j 03:13	20°♊04'14	
behind sun end	-10307 Aug 26 j 00:31	21°♊28'50	
desc. node	-10307 Aug 26 j 10:15	22°♊07'30	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10307 Aug 31 j 08:29	0°♋	
evening rise	-10307 Sep 09 j 16:24	15°♋09'34	
	-10307 Sep 18 j 18:20	0°♌	
evening max el	-10307 Sep 29 j 10:39	14°♌55'59	18°35'38
retrograde	-10307 Oct 06 j 03:14	18°♌39'39	
asc. node	-10307 Oct 06 j 15:26	18°♌38'13	
evening set	-10307 Oct 09 j 01:15	17°♌52'23	
inferior conj	-10307 Oct 15 j 01:53	12°♌13'39	2°31'17
minimum elong	-10307 Oct 14 j 22:38	12°♌23'12	2°30'42
min. Earth dist.	-10307 Oct 16 j 22:33	10°♌02'41	0.64599 AU
morning rise	-10307 Oct 20 j 19:29	6°♌07'06	
direct	-10307 Oct 27 j 12:49	3°♌21'39	
morning max el	-10307 Nov 09 j 18:51	10°♌53'39	27°06'57
desc. node	-10307 Nov 22 j 10:32	26°♌11'25	
	-10307 Nov 25 j 02:33	0°♍	
	-10307 Dec 13 j 01:03	0°♎	
morning set	-10307 Dec 15 j 02:46	3°♎57'49	
max. Earth dist.	-10307 Dec 19 j 20:24	13°♎24'16	1.34296 AU
superior conj	-10307 Dec 23 j 06:17	20°♎29'13	-1°23'48
minimum elong	-10307 Dec 23 j 08:29	20°♎40'45	1°23'43
	-10307 Dec 27 j 18:08	0°♏	
evening rise	-10307 Dec 30 j 13:57	5°♏56'47	
asc. node	-10306 Jan 02 j 13:21	12°♏01'45	
	-10306 Jan 12 j 19:26	0°♐	
evening max el	-10306 Jan 20 j 11:34	9°♐13'51	21°53'34
retrograde	-10306 Feb 01 j 17:56	15°♐04'19	
evening set	-10306 Feb 04 j 17:12	14°♐44'39	
inferior conj	-10306 Feb 13 j 20:11	10°♐40'28	1°12'22
minimum elong	-10306 Feb 13 j 23:16	10°♐36'03	1°10'51
min. Earth dist.	-10306 Feb 13 j 18:19	10°♐43'06	0.55408 AU
desc. node	-10306 Feb 18 j 11:44	8°♐11'39	
morning rise	-10306 Feb 23 j 05:43	6°♐35'07	
direct	-10306 Feb 25 j 19:30	6°♐20'11	
morning max el	-10306 Mar 09 j 24:00	12°♐10'45	21°33'31
	-10306 Mar 22 j 20:35	0°♑	
morning set	-10306 Mar 30 j 07:24	14°♑29'17	
asc. node	-10306 Mar 31 j 12:02	16°♑57'42	
superior conj	-10306 Apr 06 j 17:55	0°♒01'47	0°56'55
minimum elong	-10306 Apr 06 j 15:34	29°♑49'35	0°56'00
	-10306 Apr 06 j 17:34	0°♒	
max. Earth dist.	-10306 Apr 10 j 08:48	7°♒26'47	1.35000 AU
evening rise	-10306 Apr 15 j 01:36	16°♒41'05	
	-10306 Apr 22 j 08:36	0°♓	
	-10306 May 12 j 05:23	0°♈	
desc. node	-10306 May 17 j 10:17	6°♈09'24	
evening max el	-10306 May 20 j 05:13	9°♈03'18	26°53'07
retrograde	-10306 Jun 02 j 08:44	16°♈31'11	
evening set	-10306 Jun 09 j 02:29	13°♈43'11	
min. Earth dist.	-10306 Jun 12 j 23:17	9°♈45'05	0.65336 AU
inferior conj	-10306 Jun 14 j 19:45	7°♈33'09	-3°12'03
minimum elong	-10306 Jun 14 j 22:06	7°♈26'11	3°11'37
morning rise	-10306 Jun 20 j 18:02	1°♈53'39	
direct	-10306 Jun 23 j 19:17	1°♈01'49	
asc. node	-10306 Jun 27 j 12:34	2°♈15'09	
morning max el	-10306 Jun 30 j 10:48	4°♈41'45	18°34'02
	-10306 Jul 17 j 14:28	0°♉	
morning set	-10306 Jul 20 j 11:41	4°♉43'03	
superior conj	-10306 Aug 04 j 12:45	28°♉56'10	0°51'01
minimum elong	-10306 Aug 04 j 18:29	29°♉18'52	0°50'50
	-10306 Aug 05 j 04:51	0°♊	
max. Earth dist.	-10306 Aug 06 j 06:29	1°♊41'27	1.44561 AU
desc. node	-10306 Aug 13 j 07:28	12°♊48'28	
evening rise	-10306 Aug 21 j 00:44	24°♊59'10	
	-10306 Aug 24 j 04:58	0°♋	

evening max el	-10306 Sep 12 j 20:57	28°♋24'43	19°15'41
	-10306 Sep 14 j 13:26	0°♌	
retrograde	-10306 Sep 19 j 22:28	2°♌27'07	
evening set	-10306 Sep 23 j 04:03	1°♌26'42	
asc. node	-10306 Sep 23 j 12:34	1°♌12'46	
	-10306 Sep 25 j 00:24	30°℞♋	
inferior conj	-10306 Sep 28 j 21:13	25°♋34'45	1°40'54
minimum elong	-10306 Sep 28 j 18:56	25°♋41'57	1°40'36
min. Earth dist.	-10306 Sep 30 j 05:22	23°♋53'09	0.65704 AU
morning rise	-10306 Oct 04 j 09:28	19°♋20'05	
direct	-10306 Oct 10 j 14:40	16°♋41'25	
morning max el	-10306 Oct 23 j 05:04	24°♋02'29	26°12'55
	-10306 Oct 28 j 15:03	0°♌	
desc. node	-10306 Nov 09 j 07:17	15°♌40'28	
	-10306 Nov 18 j 11:15	0°♍	
morning set	-10306 Nov 28 j 05:29	17°♍07'53	
max. Earth dist.	-10306 Dec 02 j 08:28	24°♍59'12	1.35622 AU
	-10306 Dec 04 j 21:25	0°♎	
superior conj	-10306 Dec 07 j 05:17	4°♎42'00	-1°35'41
minimum elong	-10306 Dec 07 j 06:54	4°♎50'14	1°35'34
evening rise	-10306 Dec 14 j 21:50	20°♎33'46	
	-10306 Dec 19 j 15:34	0°♏	
asc. node	-10306 Dec 20 j 10:39	1°♏30'23	
evening max el	-10305 Jan 02 j 15:45	20°♏37'20	20°31'02
retrograde	-10305 Jan 13 j 09:07	25°♏39'20	
evening set	-10305 Jan 15 j 23:52	25°♏22'38	
inferior conj	-10305 Jan 24 j 18:31	21°♏23'40	2°49'12
minimum elong	-10305 Jan 25 j 00:13	21°♏15'12	2°47'20
min. Earth dist.	-10305 Jan 26 j 08:23	20°♏27'39	0.55755 AU
morning rise	-10305 Feb 02 j 22:56	16°♏59'59	
desc. node	-10305 Feb 05 j 08:37	16°♏35'32	
direct	-10305 Feb 06 j 11:23	16°♏32'44	
morning max el	-10305 Feb 19 j 20:47	23°♏08'50	23°07'08
	-10305 Feb 25 j 21:32	0°♐	
morning set	-10305 Mar 14 j 18:51	29°♐29'00	
	-10305 Mar 15 j 00:47	0°♑	
asc. node	-10305 Mar 18 j 09:04	7°♑05'31	
superior conj	-10305 Mar 21 j 22:36	14°♑42'33	0°33'59
minimum elong	-10305 Mar 21 j 21:10	14°♑34'53	0°33'09
max. Earth dist.	-10305 Mar 24 j 08:29	19°♑48'19	1.33945 AU
	-10305 Mar 29 j 08:10	0°♒	
evening rise	-10305 Mar 29 j 16:39	0°♒42'00	
	-10305 Apr 15 j 08:45	0°♓	
evening max el	-10305 May 02 j 15:51	22°♓09'44	27°22'57
desc. node	-10305 May 04 j 07:37	23°♓42'32	
retrograde	-10305 May 16 j 06:57	29°♓42'46	
evening set	-10305 May 23 j 06:22	27°♓01'58	
min. Earth dist.	-10305 May 26 j 22:28	23°♓37'53	0.63936 AU
inferior conj	-10305 May 29 j 09:28	20°♓58'32	-3°31'49
minimum elong	-10305 May 29 j 10:56	20°♓54'35	3°31'51
morning rise	-10305 Jun 04 j 16:15	15°♓35'41	
direct	-10305 Jun 07 j 12:10	14°♓54'31	
morning max el	-10305 Jun 13 j 23:59	18°♓20'41	18°08'29
asc. node	-10305 Jun 14 j 09:25	18°♓44'47	
	-10305 Jun 22 j 12:29	0°♈	
morning set	-10305 Jul 01 j 20:19	15°♈43'11	
	-10305 Jul 10 j 07:11	0°♉	
superior conj	-10305 Jul 14 j 23:59	7°♉44'18	1°26'12
minimum elong	-10305 Jul 15 j 06:06	8°♉09'12	1°26'00
max. Earth dist.	-10305 Jul 19 j 21:35	15°♉38'57	1.43952 AU
	-10305 Jul 28 j 23:50	0°♊	
evening rise	-10305 Jul 31 j 09:08	3°♊42'46	
desc. node	-10305 Jul 31 j 04:44	3°♊25'43	
	-10305 Aug 17 j 18:37	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10305 Aug 27 j 02:08	11°♋52'12	20°11'15
retrograde	-10305 Sep 03 j 19:09	16°♋21'38	
evening set	-10305 Sep 07 j 10:40	15°♋04'44	
asc. node	-10305 Sep 10 j 09:41	12°♋15'07	
inferior conj	-10305 Sep 12 j 22:09	9°♋02'42	0°48'38
minimum elong	-10305 Sep 12 j 21:02	9°♋06'24	0°48'46
min. Earth dist.	-10305 Sep 13 j 18:50	7°♋53'50	0.66511 AU
morning rise	-10305 Sep 18 j 07:09	2°♋43'41	
direct	-10305 Sep 23 j 22:13	0°♋19'11	
morning max el	-10305 Oct 05 j 14:31	7°♋15'54	24°59'54
	-10305 Oct 23 j 10:11	0°♌	
desc. node	-10305 Oct 27 j 04:03	5°♌35'50	
morning set	-10305 Nov 10 j 14:00	29°♌18'47	
	-10305 Nov 10 j 23:18	0°♍	
max. Earth dist.	-10305 Nov 14 j 10:22	6°♍16'12	1.37348 AU
superior conj	-10305 Nov 20 j 18:42	18°♍20'47	-1°41'32
minimum elong	-10305 Nov 20 j 19:03	18°♍22'29	1°41'21
	-10305 Nov 26 j 15:08	0°♎	
evening rise	-10305 Nov 29 j 01:01	4°♎50'40	
asc. node	-10305 Dec 07 j 07:57	20°♎30'13	
	-10305 Dec 13 j 20:10	0°♏	
evening max el	-10305 Dec 16 j 06:05	2°♏34'19	19°25'23
retrograde	-10305 Dec 25 j 10:05	6°♏54'32	
evening set	-10305 Dec 27 j 22:38	6°♏36'20	
inferior conj	-10304 Jan 05 j 04:20	2°♏27'02	3°51'56
minimum elong	-10304 Jan 05 j 08:27	2°♏20'13	3°51'05
min. Earth dist.	-10304 Jan 07 j 22:12	0°♏38'39	0.56891 AU
	-10304 Jan 08 j 22:53	30°℞♎	
morning rise	-10304 Jan 13 j 16:02	27°♎38'36	
direct	-10304 Jan 18 j 12:46	26°♎44'32	
desc. node	-10304 Jan 23 j 05:26	27°♎35'34	
	-10304 Jan 27 j 20:14	0°♏	
morning max el	-10304 Feb 01 j 11:44	3°♏48'44	24°43'47
	-10304 Feb 19 j 22:54	0°♐	
morning set	-10304 Feb 27 j 07:21	14°♐33'46	
asc. node	-10304 Mar 04 j 06:08	27°♐20'02	
superior conj	-10304 Mar 05 j 07:30	29°♐37'26	0°10'19
minimum elong	-10304 Mar 05 j 07:05	29°♐35'10	0°09'38
behind sun begin	-10304 Mar 05 j 03:02	29°♐13'14	
behind sun end	-10304 Mar 05 j 11:08	29°♐57'05	
	-10304 Mar 05 j 11:40	0°♑	
max. Earth dist.	-10304 Mar 06 j 16:20	2°♑34'39	1.33234 AU
evening rise	-10304 Mar 12 j 16:25	15°♑10'33	
	-10304 Mar 20 j 09:45	0°♒	
	-10304 Apr 09 j 11:13	0°♓	
evening max el	-10304 Apr 14 j 00:25	4°♓51'10	27°22'17
desc. node	-10304 Apr 20 j 04:54	9°♓49'08	
retrograde	-10304 Apr 27 j 22:37	12°♓22'19	
evening set	-10304 May 04 j 20:01	10°♓02'16	
min. Earth dist.	-10304 May 08 j 12:30	7°♓02'39	0.62188 AU
inferior conj	-10304 May 11 j 12:36	4°♓09'26	-3°37'26
minimum elong	-10304 May 11 j 12:28	4°♓09'47	3°37'43
	-10304 May 16 j 11:44	30°℞♒	
morning rise	-10304 May 18 j 06:19	29°♒05'19	
direct	-10304 May 20 j 22:05	28°♒33'08	
	-10304 May 25 j 05:42	0°♓	
morning max el	-10304 May 27 j 13:56	1°♓55'47	18°01'14
asc. node	-10304 May 31 j 06:14	6°♓17'02	
morning set	-10304 Jun 13 j 03:30	27°♓48'36	
	-10304 Jun 14 j 08:53	0°♈	
superior conj	-10304 Jun 24 j 12:45	17°♈48'07	1°45'20
minimum elong	-10304 Jun 24 j 15:39	18°♈00'26	1°45'20
max. Earth dist.	-10304 Jul 01 j 08:48	29°♈12'53	1.42734 AU
	-10304 Jul 01 j 20:20	0°♉	
evening rise	-10304 Jul 09 j 10:08	12°♉06'56	
desc. node	-10304 Jul 17 j 02:03	23°♉56'04	
	-10304 Jul 21 j 02:57	0°♊	
evening max el	-10304 Aug 09 j 00:45	25°♊16'52	21°19'58
	-10304 Aug 15 j 13:42	0°♋	
retrograde	-10304 Aug 17 j 15:20	0°♋21'25	
	-10304 Aug 19 j 14:49	30°℞♊	
evening set	-10304 Aug 21 j 18:58	28°♊45'03	
inferior conj	-10304 Aug 27 j 02:36	22°♊35'46	-0°03'19
minimum elong	-10304 Aug 27 j 02:39	22°♊35'34	0°02'43
transit middle	-10304 Aug 27 j 02:39	22°♊35'34	0°02'43
transit begin	-10304 Aug 26 j 23:59	22°♊44'44	
transit end	-10304 Aug 27 j 05:20	22°♊26'24	
asc. node	-10304 Aug 27 j 06:43	22°♊21'40	
min. Earth dist.	-10304 Aug 27 j 12:36	22°♊01'29	0.67027 AU
morning rise	-10304 Sep 01 j 10:11	16°♊16'09	
direct	-10304 Sep 06 j 10:44	14°♊09'47	
morning max el	-10304 Sep 17 j 00:22	20°♊30'21	23°37'06
	-10304 Sep 25 j 02:29	0°♋	
desc. node	-10304 Oct 13 j 00:52	25°♋50'02	
	-10304 Oct 15 j 16:14	0°♌	
morning set	-10304 Oct 21 j 22:54	10°♌16'55	
max. Earth dist.	-10304 Oct 26 j 08:21	17°♌49'10	1.39324 AU
	-10304 Nov 02 j 02:29	0°♍	
superior conj	-10304 Nov 02 j 18:28	1°♍14'24	-1°39'13
minimum elong	-10304 Nov 02 j 16:52	1°♍06'56	1°38'50
evening rise	-10304 Nov 11 j 21:09	18°♍41'42	
	-10304 Nov 17 j 20:45	0°♎	
asc. node	-10304 Nov 23 j 05:14	8°♎51'53	
evening max el	-10304 Nov 28 j 05:54	15°♎02'46	18°39'24
retrograde	-10304 Dec 06 j 04:29	18°♎54'38	
evening set	-10304 Dec 08 j 16:36	18°♎33'00	
inferior conj	-10304 Dec 16 j 08:38	14°♎04'16	4°15'29
minimum elong	-10304 Dec 16 j 09:10	14°♎03'16	4°15'23
min. Earth dist.	-10304 Dec 19 j 13:55	11°♎37'47	0.58548 AU
morning rise	-10304 Dec 23 j 23:52	8°♎52'43	
direct	-10304 Dec 30 j 01:40	7°♎21'37	
desc. node	-10303 Jan 09 j 02:11	11°♎12'50	
morning max el	-10303 Jan 13 j 03:44	14°♎39'32	26°08'59
	-10303 Jan 25 j 11:26	0°♏	
morning set	-10303 Feb 10 j 19:08	29°♏37'10	
	-10303 Feb 10 j 23:30	0°♐	
superior conj	-10303 Feb 17 j 18:41	14°♐39'43	-0°13'14
minimum elong	-10303 Feb 17 j 19:16	14°♐42'51	0°13'40
behind sun begin	-10303 Feb 17 j 16:46	14°♐29'13	
behind sun end	-10303 Feb 17 j 21:45	14°♐56'29	
max. Earth dist.	-10303 Feb 18 j 04:56	15°♐35'41	1.32848 AU
asc. node	-10303 Feb 19 j 03:13	17°♐37'05	
evening rise	-10303 Feb 24 j 22:02	29°♐56'55	
	-10303 Feb 24 j 22:38	0°♑	
	-10303 Mar 13 j 15:15	0°♒	
evening max el	-10303 Mar 27 j 04:22	16°♒56'46	26°48'42
desc. node	-10303 Apr 07 j 02:08	23°♒56'16	
retrograde	-10303 Apr 10 j 06:23	24°♒22'01	
evening set	-10303 Apr 16 j 16:01	22°♒33'35	
min. Earth dist.	-10303 Apr 20 j 17:31	19°♒44'48	0.60221 AU
inferior conj	-10303 Apr 24 j 01:35	16°♒56'59	-3°23'16
minimum elong	-10303 Apr 23 j 23:20	17°♒01'44	3°23'27
morning rise	-10303 May 01 j 08:58	12°♒13'11	
direct	-10303 May 03 j 21:05	11°♒48'44	
morning max el	-10303 May 11 j 02:00	15°♒19'45	18°12'54
asc. node	-10303 May 18 j 03:02	24°♒37'28	
	-10303 May 21 j 07:08	0°♓	
morning set	-10303 May 27 j 04:17	10°♓46'46	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10303 Jun 06 j 04:03	29°♓11'26	1°49'40
minimum elong	-10303 Jun 06 j 03:37	29°♓09'34	1°49'35
	-10303 Jun 06 j 14:54	0°♈	
max. Earth dist.	-10303 Jun 13 j 14:28	12°♈08'44	1.41068 AU
evening rise	-10303 Jun 19 j 01:47	21°♈13'23	
	-10303 Jun 24 j 13:51	0°♉	
desc. node	-10303 Jul 03 j 23:26	14°♉14'50	
	-10303 Jul 15 j 07:30	0°♊	
evening max el	-10303 Jul 22 j 16:42	8°♊38'06	22°38'12
retrograde	-10303 Aug 01 j 09:36	14°♊23'29	
evening set	-10303 Aug 06 j 03:03	12°♊25'57	
inferior conj	-10303 Aug 11 j 08:43	6°♊12'04	-0°53'13
minimum elong	-10303 Aug 11 j 09:50	6°♊08'14	0°52'16
min. Earth dist.	-10303 Aug 11 j 08:15	6°♊13'40	0.67246 AU
asc. node	-10303 Aug 14 j 03:40	2°♊30'44	
morning rise	-10303 Aug 16 j 16:32	29°♉55'22	
	-10303 Aug 16 j 14:16	30°℞♉	
direct	-10303 Aug 21 j 03:25	28°♉08'13	
	-10303 Aug 26 j 04:42	0°♊	
morning max el	-10303 Aug 30 j 13:18	3°♊46'57	22°13'11
	-10303 Sep 19 j 06:56	0°♋	
desc. node	-10303 Sep 29 j 21:45	16°♋17'08	
morning set	-10303 Oct 02 j 04:56	19°♋57'02	
	-10303 Oct 08 j 08:05	0°♌	
max. Earth dist.	-10303 Oct 08 j 09:23	0°♌05'24	1.41283 AU
superior conj	-10303 Oct 15 j 23:21	13°♌08'43	-1°26'13
minimum elong	-10303 Oct 15 j 19:34	12°♌52'02	1°25'27
	-10303 Oct 25 j 05:25	0°♍	
evening rise	-10303 Oct 26 j 07:11	1°♍59'44	
asc. node	-10303 Nov 10 j 02:30	26°♍23'45	
evening max el	-10303 Nov 11 j 13:05	27°♍56'30	18°13'41
	-10303 Nov 14 j 00:42	0°♎	
retrograde	-10303 Nov 18 j 16:22	1°♎33'04	
evening set	-10303 Nov 21 j 04:54	1°♎06'52	
	-10303 Nov 23 j 12:59	30°℞♍	
inferior conj	-10303 Nov 28 j 08:10	26°♍16'25	4°07'51
minimum elong	-10303 Nov 28 j 05:51	26°♍21'32	4°07'43
min. Earth dist.	-10303 Dec 01 j 11:21	23°♍31'44	0.60408 AU
morning rise	-10303 Dec 05 j 05:23	20°♍45'16	
direct	-10303 Dec 12 j 01:09	18°♍37'55	
morning max el	-10303 Dec 26 j 01:38	26°♍04'19	27°08'47
desc. node	-10303 Dec 26 j 22:55	26°♍56'38	
	-10303 Dec 29 j 19:25	0°♎	
	-10302 Jan 18 j 18:32	0°♏	
morning set	-10302 Jan 26 j 04:25	14°♏32'28	
superior conj	-10302 Feb 02 j 06:31	29°♏43'29	-0°35'47
minimum elong	-10302 Feb 02 j 07:56	29°♏51'15	0°36'00
max. Earth dist.	-10302 Feb 01 j 18:33	28°♏38'13	1.32779 AU
	-10302 Feb 02 j 09:32	0°♐	
asc. node	-10302 Feb 06 j 00:23	7°♐52'44	
evening rise	-10302 Feb 09 j 07:20	14°♐53'13	
	-10302 Feb 16 j 23:35	0°♑	
evening max el	-10302 Mar 09 j 02:29	28°♑24'26	25°45'08
	-10302 Mar 10 j 20:35	0°♒	
retrograde	-10302 Mar 23 j 04:49	5°♒39'01	
desc. node	-10302 Mar 24 j 23:16	5°♒31'23	
evening set	-10302 Mar 28 j 16:43	4°♒26'12	
min. Earth dist.	-10302 Apr 02 j 15:33	1°♒33'15	0.58261 AU
	-10302 Apr 04 j 19:18	30°℞♑	
inferior conj	-10302 Apr 05 j 20:55	29°♑13'00	-2°42'32
minimum elong	-10302 Apr 05 j 17:02	29°♑20'05	2°42'16
morning rise	-10302 Apr 13 j 20:32	24°♑49'14	
direct	-10302 Apr 16 j 04:48	24°♑31'21	
morning max el	-10302 Apr 24 j 09:25	28°♑24'53	18°43'58
	-10302 Apr 25 j 22:24	0°♒	
asc. node	-10302 May 04 j 23:54	13°♒35'27	
morning set	-10302 May 10 j 18:13	24°♒27'17	
	-10302 May 13 j 14:42	0°♓	
superior conj	-10302 May 19 j 17:08	11°♓42'17	1°42'51
minimum elong	-10302 May 19 j 14:47	11°♓31'11	1°42'29
max. Earth dist.	-10302 May 26 j 15:20	24°♓21'35	1.39195 AU
	-10302 May 29 j 20:54	0°♈	
evening rise	-10302 May 30 j 20:03	1°♈39'01	
	-10302 Jun 17 j 20:44	0°♉	
desc. node	-10302 Jun 20 j 20:49	4°♉16'22	
evening max el	-10302 Jul 05 j 03:57	21°♉58'28	24°00'15
retrograde	-10302 Jul 16 j 00:50	28°♉24'40	
evening set	-10302 Jul 21 j 09:02	26°♉06'27	
min. Earth dist.	-10302 Jul 26 j 03:32	20°♉29'01	0.67158 AU
inferior conj	-10302 Jul 26 j 14:48	19°♉50'33	-1°39'35
minimum elong	-10302 Jul 26 j 16:45	19°♉43'55	1°38'30
morning rise	-10302 Aug 01 j 00:26	13°♉40'06	
asc. node	-10302 Aug 01 j 00:36	13°♉39'46	
direct	-10302 Aug 04 j 23:19	12°♉11'07	
morning max el	-10302 Aug 13 j 07:44	17°♉08'37	20°55'18
	-10302 Aug 23 j 11:30	0°♊	
morning set	-10302 Sep 11 j 12:58	28°♊37'06	
	-10302 Sep 12 j 10:11	0°♋	
desc. node	-10302 Sep 16 j 18:44	6°♋52'47	
max. Earth dist.	-10302 Sep 20 j 16:21	13°♋09'03	1.42951 AU
superior conj	-10302 Sep 27 j 03:33	23°♋49'24	-1°00'14
minimum elong	-10302 Sep 26 j 22:49	23°♋29'31	0°59'08
	-10302 Sep 30 j 18:54	0°♌	
evening rise	-10302 Oct 09 j 03:09	14°♌35'23	
	-10302 Oct 17 j 23:46	0°♍	
evening max el	-10302 Oct 26 j 00:55	11°♍08'15	18°07'39
asc. node	-10302 Oct 27 j 23:47	12°♍51'23	
retrograde	-10302 Nov 01 j 17:57	14°♍40'16	
evening set	-10302 Nov 04 j 08:30	14°♍07'51	
inferior conj	-10302 Nov 11 j 00:17	8°♍56'49	3°39'24
minimum elong	-10302 Nov 10 j 20:42	9°♍05'49	3°38'57
min. Earth dist.	-10302 Nov 13 j 17:37	6°♍13'56	0.62223 AU
morning rise	-10302 Nov 17 j 07:51	3°♍09'30	
direct	-10302 Nov 24 j 09:46	0°♍36'08	
morning max el	-10302 Dec 08 j 05:48	8°♍08'38	27°34'53
desc. node	-10302 Dec 13 j 19:37	14°♍12'57	
	-10302 Dec 25 j 04:19	0°♎	
morning set	-10301 Jan 10 j 08:59	29°♎10'49	
	-10301 Jan 10 j 18:38	0°♏	
max. Earth dist.	-10301 Jan 16 j 05:12	11°♏26'45	1.33056 AU
superior conj	-10301 Jan 17 j 17:17	14°♏41'35	-0°56'39
minimum elong	-10301 Jan 17 j 19:18	14°♏52'32	0°56'40
asc. node	-10301 Jan 23 j 21:36	28°♏01'54	
evening rise	-10301 Jan 24 j 18:22	29°♏51'32	
	-10301 Jan 24 j 19:59	0°♐	
	-10301 Feb 10 j 19:15	0°♑	
evening max el	-10301 Feb 18 j 20:15	9°♑23'03	24°20'09
retrograde	-10301 Mar 04 j 15:44	16°♑16'09	
evening set	-10301 Mar 09 j 00:14	15°♑33'35	
desc. node	-10301 Mar 11 j 20:20	14°♑24'00	
min. Earth dist.	-10301 Mar 15 j 09:27	12°♑23'46	0.56616 AU
inferior conj	-10301 Mar 17 j 20:24	10°♑50'13	-1°30'05
minimum elong	-10301 Mar 17 j 17:06	10°♑55'28	1°29'43
morning rise	-10301 Mar 26 j 13:05	6°♑42'11	
direct	-10301 Mar 28 j 18:16	6°♑28'48	
morning max el	-10301 Apr 07 j 09:07	11°♑00'20	19°34'51
	-10301 Apr 20 j 06:51	0°♒	
asc. node	-10301 Apr 21 j 20:48	3°♒01'18	
morning set	-10301 Apr 24 j 17:34	8°♒40'07	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10301 May 02 j 22:28	25°♒04'34	1°28'29
minimum elong	-10301 May 02 j 19:28	24°♒49'52	1°27'48
	-10301 May 05 j 11:10	0°♓	
max. Earth dist.	-10301 May 08 j 16:24	6°♓05'58	1.37365 AU
evening rise	-10301 May 12 j 16:27	13°♓24'38	
	-10301 May 22 j 11:03	0°♈	
desc. node	-10301 Jun 07 j 18:14	23°♈53'08	
	-10301 Jun 12 j 16:00	0°♉	
evening max el	-10301 Jun 17 j 13:40	5°♉21'12	25°18'33
retrograde	-10301 Jun 29 j 12:08	12°♉20'28	
evening set	-10301 Jul 05 j 10:56	9°♉45'01	
min. Earth dist.	-10301 Jul 09 j 20:03	4°♉45'23	0.66739 AU
inferior conj	-10301 Jul 10 j 19:05	3°♉29'34	-2°21'00
minimum elong	-10301 Jul 10 j 21:32	3°♉21'28	2°20'00
	-10301 Jul 13 j 14:19	30°℞♈	
morning rise	-10301 Jul 16 j 08:10	27°♈28'37	
asc. node	-10301 Jul 18 j 21:31	26°♈21'19	
direct	-10301 Jul 19 j 21:07	26°♈15'47	
	-10301 Jul 26 j 18:00	0°♉	
morning max el	-10301 Jul 27 j 08:42	0°♉36'54	19°48'38
	-10301 Aug 17 j 02:16	0°♊	
morning set	-10301 Aug 21 j 15:44	7°♊05'21	
max. Earth dist.	-10301 Sep 03 j 05:01	26°♊50'19	1.44105 AU
desc. node	-10301 Sep 03 j 15:49	27°♊33'18	
	-10301 Sep 05 j 04:32	0°♋	
superior conj	-10301 Sep 07 j 04:05	3°♋10'52	-0°21'12
minimum elong	-10301 Sep 07 j 01:45	3°♋01'30	0°20'20
evening rise	-10301 Sep 21 j 03:52	26°♋16'31	
	-10301 Sep 23 j 08:49	0°♌	
evening max el	-10301 Oct 09 j 14:28	24°♌31'38	18°20'21
asc. node	-10301 Oct 14 j 21:02	27°♌58'48	
retrograde	-10301 Oct 16 j 05:06	28°♌08'20	
evening set	-10301 Oct 18 j 23:46	27°♌27'18	
inferior conj	-10301 Oct 25 j 05:31	21°♌58'04	2°58'23
minimum elong	-10301 Oct 25 j 01:54	22°♌08'07	2°57'45
min. Earth dist.	-10301 Oct 27 j 09:55	19°♌32'24	0.63821 AU
morning rise	-10301 Oct 31 j 03:19	15°♌57'47	
direct	-10301 Nov 07 j 01:54	13°♌12'39	
morning max el	-10301 Nov 20 j 14:06	20°♌46'43	27°26'08
	-10301 Nov 28 j 16:45	0°♍	
desc. node	-10301 Nov 30 j 16:20	2°♍35'26	
	-10301 Dec 18 j 03:56	0°♎	
morning set	-10301 Dec 25 j 06:18	13°♎23'29	
max. Earth dist.	-10301 Dec 30 j 09:16	23°♎50'02	1.33723 AU
superior conj	-10300 Jan 02 j 01:14	29°♎27'54	-1°14'53
minimum elong	-10300 Jan 02 j 03:30	29°♎39'59	1°14'49
	-10300 Jan 02 j 07:15	0°♏	
evening rise	-10300 Jan 09 j 05:33	14°♏46'11	
asc. node	-10300 Jan 10 j 18:53	17°♏59'47	
	-10300 Jan 16 j 23:41	0°♐	
evening max el	-10300 Jan 31 j 14:05	20°♐14'04	22°46'20
retrograde	-10300 Feb 13 j 13:52	26°♐30'11	
evening set	-10300 Feb 16 j 22:25	26°♐05'36	
min. Earth dist.	-10300 Feb 25 j 01:05	22°♐27'24	0.55610 AU
inferior conj	-10300 Feb 26 j 02:12	21°♐51'02	0°09'53
minimum elong	-10300 Feb 26 j 02:36	21°♐50'27	0°09'11
transit middle	-10300 Feb 26 j 02:36	21°♐50'27	0°09'11
transit begin	-10300 Feb 25 j 23:17	21°♐55'15	
transit end	-10300 Feb 26 j 05:55	21°♐45'39	
desc. node	-10300 Feb 26 j 17:21	21°♐29'08	
morning rise	-10300 Mar 06 j 08:16	17°♐48'40	
direct	-10300 Mar 08 j 15:51	17°♐35'54	
morning max el	-10300 Mar 19 j 22:27	22°♐57'08	20°45'10
	-10300 Mar 25 j 22:03	0°♑	
morning set	-10300 Apr 07 j 23:26	23°♑16'55	
asc. node	-10300 Apr 07 j 17:45	22°♑47'51	
	-10300 Apr 11 j 05:40	0°♒	
superior conj	-10300 Apr 15 j 15:27	9°♒05'08	1°09'20
minimum elong	-10300 Apr 15 j 12:43	8°♒51'10	1°08'27
max. Earth dist.	-10300 Apr 20 j 00:29	17°♒51'27	1.35772 AU
evening rise	-10300 Apr 24 j 09:35	26°♒15'16	
	-10300 Apr 26 j 10:15	0°♓	
	-10300 May 14 j 20:30	0°♈	
desc. node	-10300 May 24 j 15:38	12°♈54'32	
evening max el	-10300 May 30 j 00:04	18°♈44'43	26°24'22
retrograde	-10300 Jun 11 j 18:39	26°♈04'53	
evening set	-10300 Jun 18 j 06:26	23°♈18'54	
min. Earth dist.	-10300 Jun 22 j 07:22	18°♈58'34	0.65961 AU
inferior conj	-10300 Jun 23 j 19:33	17°♈06'20	-2°55'49
minimum elong	-10300 Jun 23 j 22:06	16°♈58'26	2°55'09
morning rise	-10300 Jun 29 j 13:53	11°♈18'00	
direct	-10300 Jul 02 j 18:56	10°♈19'00	
asc. node	-10300 Jul 04 j 18:23	10°♈40'32	
morning max el	-10300 Jul 09 j 15:45	14°♈11'18	18°56'31
	-10300 Jul 21 j 03:37	0°♉	
morning set	-10300 Jul 31 j 09:04	16°♉15'43	
	-10300 Aug 09 j 00:15	0°♊	
superior conj	-10300 Aug 16 j 07:22	11°♊32'45	0°25'19
minimum elong	-10300 Aug 16 j 10:32	11°♊45'17	0°25'27
max. Earth dist.	-10300 Aug 15 j 21:28	10°♊53'37	1.44606 AU
desc. node	-10300 Aug 20 j 12:58	18°♊14'54	
	-10300 Aug 27 j 22:01	0°♋	
evening rise	-10300 Sep 01 j 03:50	6°♋48'57	
	-10300 Sep 15 j 20:22	0°♌	
evening max el	-10300 Sep 22 j 02:46	7°♌59'49	18°50'42
retrograde	-10300 Sep 28 j 22:10	11°♌49'59	
asc. node	-10300 Sep 30 j 18:14	11°♌30'48	
evening set	-10300 Oct 01 j 23:12	10°♌57'25	
inferior conj	-10300 Oct 07 j 20:28	5°♌12'51	2°10'16
minimum elong	-10300 Oct 07 j 17:36	5°♌21'35	2°09'47
min. Earth dist.	-10300 Oct 09 j 11:42	3°♌13'54	0.65117 AU
	-10300 Oct 12 j 10:17	30°℞♋	
morning rise	-10300 Oct 13 j 11:32	29°♋02'41	
direct	-10300 Oct 20 j 00:15	26°♋18'54	
	-10300 Oct 28 j 17:06	0°♌	
morning max el	-10300 Nov 02 j 00:03	3°♌46'59	26°46'42
desc. node	-10300 Nov 16 j 13:04	21°♌44'05	
	-10300 Nov 22 j 01:58	0°♍	
morning set	-10300 Dec 07 j 16:55	26°♍59'20	
	-10300 Dec 09 j 06:27	0°♎	
max. Earth dist.	-10300 Dec 12 j 03:36	5°♎41'25	1.34812 AU
superior conj	-10300 Dec 16 j 04:12	13°♎54'58	-1°29'29
minimum elong	-10300 Dec 16 j 06:14	14°♎05'30	1°29'23
evening rise	-10300 Dec 23 j 15:07	29°♎31'04	
	-10300 Dec 23 j 20:42	0°♏	
asc. node	-10300 Dec 27 j 16:11	7°♏40'49	
	-10299 Jan 11 j 04:44	0°♐	
evening max el	-10299 Jan 12 j 13:14	1°♐20'24	21°16'41
retrograde	-10299 Jan 24 j 04:08	6°♐49'30	
evening set	-10299 Jan 26 j 22:54	6°♐31'45	
inferior conj	-10299 Feb 04 j 23:16	2°♐32'14	1°56'32
minimum elong	-10299 Feb 05 j 03:58	2°♐25'31	1°54'39
min. Earth dist.	-10299 Feb 05 j 15:11	2°♐09'30	0.55451 AU
	-10299 Feb 09 j 16:06	30°℞♏	
desc. node	-10299 Feb 12 j 14:17	28°♏49'08	
morning rise	-10299 Feb 14 j 08:24	28°♏20'50	
direct	-10299 Feb 17 j 06:23	28°♏02'02	
	-10299 Feb 24 j 09:56	0°♐	
morning max el	-10299 Mar 02 j 00:31	4°♐13'19	22°12'16

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10299 Mar 19 j 08:18	0°♉	
morning set	-10299 Mar 23 j 09:27	8°♉10'34	
asc. node	-10299 Mar 25 j 14:44	12°♉49'29	
superior conj	-10299 Mar 30 j 16:40	23°♉33'47	0°47'22
minimum elong	-10299 Mar 30 j 14:40	23°♉23'20	0°46'27
	-10299 Apr 02 j 18:59	0°♒	
max. Earth dist.	-10299 Apr 02 j 18:47	29°♉59'01	1.34507 AU
evening rise	-10299 Apr 07 j 17:56	9°♒54'40	
	-10299 Apr 18 j 21:15	0°♓	
	-10299 May 10 j 11:36	0°♈	
desc. node	-10299 May 11 j 13:00	1°♈06'00	
evening max el	-10299 May 12 j 11:05	2°♈01'04	27°09'20
retrograde	-10299 May 25 j 19:51	9°♈31'19	
evening set	-10299 Jun 01 j 16:53	6°♈44'56	
min. Earth dist.	-10299 Jun 05 j 11:21	3°♈02'09	0.64790 AU
inferior conj	-10299 Jun 07 j 13:56	0°♈37'38	-3°21'56
minimum elong	-10299 Jun 07 j 16:00	0°♈31'44	3°21'41
	-10299 Jun 08 j 03:09	30°℞♓	
morning rise	-10299 Jun 13 j 15:32	25°♓04'50	
direct	-10299 Jun 16 j 14:28	24°♓17'36	
asc. node	-10299 Jun 21 j 15:13	26°♓27'22	
morning max el	-10299 Jun 23 j 03:20	27°♓50'09	18°21'02
	-10299 Jun 25 j 02:01	0°♈	
morning set	-10299 Jul 12 j 03:12	26°♈35'54	
	-10299 Jul 14 j 04:20	0°♉	
superior conj	-10299 Jul 26 j 09:22	19°♉53'19	1°07'44
minimum elong	-10299 Jul 26 j 15:55	20°♉19'30	1°07'29
max. Earth dist.	-10299 Jul 29 j 14:32	25°♉00'48	1.44394 AU
	-10299 Aug 01 j 18:07	0°♊	
desc. node	-10299 Aug 07 j 10:10	8°♊54'54	
evening rise	-10299 Aug 12 j 01:02	16°♊08'33	
	-10299 Aug 20 j 23:08	0°♋	
greatest brilliancy	-10299 Aug 23 j 05:01	3°♋26'16	-0.7m
evening max el	-10299 Sep 05 j 11:11	21°♋28'38	19°37'25
retrograde	-10299 Sep 12 j 18:18	25°♋41'12	
evening set	-10299 Sep 16 j 03:56	24°♋33'57	
asc. node	-10299 Sep 17 j 15:22	23°♋23'57	
inferior conj	-10299 Sep 21 j 18:27	18°♋37'09	1°18'45
minimum elong	-10299 Sep 21 j 16:39	18°♋42'59	1°18'38
min. Earth dist.	-10299 Sep 22 j 21:30	17°♋09'34	0.66095 AU
morning rise	-10299 Sep 27 j 05:07	12°♋20'23	
direct	-10299 Oct 03 j 04:25	9°♋47'21	
morning max el	-10299 Oct 15 j 09:59	16°♋58'52	25°43'34
	-10299 Oct 26 j 08:46	0°♌	
desc. node	-10299 Nov 03 j 09:48	11°♌25'27	
	-10299 Nov 14 j 23:56	0°♍	
morning set	-10299 Nov 20 j 12:31	9°♍45'39	
max. Earth dist.	-10299 Nov 24 j 11:14	17°♍07'00	1.36323 AU
superior conj	-10299 Nov 29 j 23:31	27°♍54'19	-1°39'01
minimum elong	-10299 Nov 30 j 00:41	28°♍00'09	1°38'54
	-10299 Dec 01 j 00:30	0°♎	
evening rise	-10299 Dec 07 j 21:15	14°♎00'21	
asc. node	-10299 Dec 14 j 13:29	26°♎58'15	
	-10299 Dec 16 j 06:48	0°♏	
evening max el	-10299 Dec 25 j 21:30	12°♏57'05	20°00'40
retrograde	-10298 Jan 04 j 22:20	17°♏40'16	
evening set	-10298 Jan 07 j 11:46	17°♏23'12	
inferior conj	-10298 Jan 16 j 01:06	13°♏20'57	3°20'50
minimum elong	-10298 Jan 16 j 06:35	13°♏12'29	3°19'19
min. Earth dist.	-10298 Jan 18 j 04:37	12°♏01'43	0.56154 AU
morning rise	-10298 Jan 24 j 23:28	8°♏47'14	
direct	-10298 Jan 29 j 01:04	8°♏10'36	
desc. node	-10298 Jan 30 j 11:09	8°♏15'11	
morning max el	-10298 Feb 11 j 18:02	15°♏00'13	23°48'54

	-10298 Feb 23 j 11:04	0°♐	
morning set	-10298 Mar 07 j 21:33	23°♐13'19	
	-10298 Mar 11 j 02:08	0°♑	
asc. node	-10298 Mar 12 j 11:45	3°♑00'40	
superior conj	-10298 Mar 14 j 23:21	8°♑21'17	0°23'59
minimum elong	-10298 Mar 14 j 22:21	8°♑15'52	0°23'11
max. Earth dist.	-10298 Mar 16 j 22:22	12°♑32'15	1.33595 AU
evening rise	-10298 Mar 22 j 13:02	24°♑08'15	
	-10298 Mar 25 j 12:43	0°♒	
	-10298 Apr 12 j 12:02	0°♓	
evening max el	-10298 Apr 24 j 20:57	14°♓57'36	27°26'38
desc. node	-10298 Apr 28 j 10:19	18°♓05'56	
retrograde	-10298 May 08 j 15:14	22°♓30'27	
evening set	-10298 May 15 j 15:06	19°♓56'33	
min. Earth dist.	-10298 May 19 j 06:25	16°♓44'44	0.63230 AU
inferior conj	-10298 May 21 j 23:29	13°♓57'19	-3°36'15
minimum elong	-10298 May 22 j 00:21	13°♓55'05	3°36'25
morning rise	-10298 May 28 j 10:37	8°♓42'30	
direct	-10298 May 31 j 04:44	8°♓05'17	
morning max el	-10298 Jun 06 j 17:10	11°♓28'19	18°03'15
asc. node	-10298 Jun 08 j 12:00	13°♓25'20	
	-10298 Jun 19 j 06:26	0°♈	
morning set	-10298 Jun 23 j 21:56	8°♈04'58	
superior conj	-10298 Jul 06 j 06:38	29°♈11'24	1°36'19
minimum elong	-10298 Jul 06 j 11:35	29°♈31'55	1°36'13
	-10298 Jul 06 j 18:22	0°♉	
max. Earth dist.	-10298 Jul 12 j 04:28	8°♉51'10	1.43499 AU
evening rise	-10298 Jul 22 j 03:33	24°♉36'26	
desc. node	-10298 Jul 25 j 07:27	29°♉29'51	
	-10298 Jul 25 j 15:18	0°♊	
	-10298 Aug 15 j 07:20	0°♋	
evening max el	-10298 Aug 19 j 13:36	4°♋55'04	20°38'56
retrograde	-10298 Aug 27 j 15:07	9°♋38'52	
evening set	-10298 Aug 31 j 11:33	8°♋13'54	
asc. node	-10298 Sep 04 j 12:24	3°♋57'18	
inferior conj	-10298 Sep 05 j 21:08	2°♋08'09	0°26'26
minimum elong	-10298 Sep 05 j 20:32	2°♋10'13	0°26'47
min. Earth dist.	-10298 Sep 06 j 13:08	1°♋14'02	0.66764 AU
	-10298 Sep 07 j 11:22	30°℞♊	
morning rise	-10298 Sep 11 j 05:20	25°♊48'20	
direct	-10298 Sep 16 j 14:02	23°♊31'32	
	-10298 Sep 27 j 13:56	0°♋	
morning max el	-10298 Sep 27 j 19:39	0°♋14'22	24°25'22
	-10298 Oct 20 j 07:06	0°♌	
desc. node	-10298 Oct 21 j 06:35	1°♌30'07	
morning set	-10298 Nov 02 j 11:46	21°♌28'18	
max. Earth dist.	-10298 Nov 06 j 10:55	28°♌28'42	1.38172 AU
	-10298 Nov 07 j 07:06	0°♍	
superior conj	-10298 Nov 13 j 07:44	11°♍16'03	-1°41'42
minimum elong	-10298 Nov 13 j 07:20	11°♍14'06	1°41'27
evening rise	-10298 Nov 21 j 21:49	28°♍08'00	
	-10298 Nov 22 j 20:33	0°♎	
asc. node	-10298 Dec 01 j 10:47	15°♎43'57	
evening max el	-10298 Dec 08 j 16:02	25°♎08'41	19°03'17
retrograde	-10298 Dec 17 j 06:38	29°♎15'34	
evening set	-10298 Dec 19 j 18:40	28°♎56'13	
inferior conj	-10298 Dec 27 j 18:31	24°♎39'17	4°06'24
minimum elong	-10298 Dec 27 j 21:09	24°♎34'40	4°05'59
min. Earth dist.	-10298 Dec 30 j 19:09	22°♎32'21	0.57545 AU
morning rise	-10297 Jan 04 j 21:26	19°♎40'10	
direct	-10297 Jan 10 j 07:17	18°♎31'11	
desc. node	-10297 Jan 17 j 07:56	20°♎25'32	
morning max el	-10297 Jan 24 j 08:58	25°♎43'06	25°22'22
	-10297 Jan 28 j 09:39	0°♏	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10297 Feb 16 j 08:05	0°♐	
morning set	-10297 Feb 20 j 09:57	8°♐18'51	
superior conj	-10297 Feb 27 j 09:27	23°♐20'40	0°00'15
minimum elong	-10297 Feb 27 j 09:28	23°♐20'45	0°00'20
behind sun begin	-10297 Feb 27 j 04:27	22°♐53'24	
behind sun end	-10297 Feb 27 j 14:30	23°♐48'06	
asc. node	-10297 Feb 27 j 08:50	23°♐17'15	
max. Earth dist.	-10297 Feb 28 j 08:33	25°♐26'03	1.33026 AU
	-10297 Mar 02 j 11:23	0°♑	
evening rise	-10297 Mar 06 j 15:36	8°♑45'39	
	-10297 Mar 17 j 22:59	0°♒	
evening max el	-10297 Apr 07 j 03:32	27°♒23'48	27°11'56
	-10297 Apr 10 j 01:44	0°♓	
desc. node	-10297 Apr 15 j 07:35	3°♓25'56	
retrograde	-10297 Apr 21 j 03:57	4°♓53'50	
evening set	-10297 Apr 27 j 21:36	2°♓45'53	
min. Earth dist.	-10297 May 01 j 16:27	29°♒52'49	0.61363 AU
	-10297 May 01 j 13:08	30°℞♒	
inferior conj	-10297 May 04 j 21:00	26°♒58'54	-3°34'14
minimum elong	-10297 May 04 j 19:59	27°♒01'13	3°34'33
morning rise	-10297 May 11 j 20:13	22°♒03'37	
direct	-10297 May 14 j 10:18	21°♒35'00	
morning max el	-10297 May 21 j 06:41	24°♒59'46	18°03'54
	-10297 May 25 j 10:44	0°♓	
asc. node	-10297 May 26 j 08:48	1°♓19'29	
morning set	-10297 Jun 06 j 13:07	20°♓33'32	
	-10297 Jun 11 j 17:50	0°♈	
superior conj	-10297 Jun 17 j 07:00	9°♈49'49	1°48'48
minimum elong	-10297 Jun 17 j 08:22	9°♈55'45	1°48'48
max. Earth dist.	-10297 Jun 24 j 12:47	22°♈07'50	1.42058 AU
	-10297 Jun 29 j 08:29	0°♉	
evening rise	-10297 Jul 01 j 08:14	3°♉10'47	
desc. node	-10297 Jul 12 j 04:47	19°♉55'47	
	-10297 Jul 19 j 01:42	0°♊	
evening max el	-10297 Aug 02 j 09:09	18°♊17'48	21°52'26
retrograde	-10297 Aug 11 j 10:47	23°♊39'56	
evening set	-10297 Aug 15 j 19:59	21°♊54'51	
inferior conj	-10297 Aug 21 j 02:32	15°♊43'10	-0°24'49
minimum elong	-10297 Aug 21 j 03:03	15°♊41'21	0°24'03
min. Earth dist.	-10297 Aug 21 j 08:07	15°♊23'52	0.67147 AU
asc. node	-10297 Aug 22 j 09:24	13°♊57'27	
morning rise	-10297 Aug 26 j 09:59	9°♊24'05	
direct	-10297 Aug 31 j 04:31	7°♊25'51	
morning max el	-10297 Sep 10 j 06:28	13°♊29'43	23°01'05
	-10297 Sep 23 j 11:19	0°♋	
desc. node	-10297 Oct 08 j 03:25	21°♋50'35	
	-10297 Oct 13 j 05:38	0°♌	
morning set	-10297 Oct 14 j 09:24	1°♌53'47	
max. Earth dist.	-10297 Oct 19 j 09:03	10°♌16'21	1.40171 AU
superior conj	-10297 Oct 27 j 00:12	23°♌46'41	-1°35'11
minimum elong	-10297 Oct 26 j 21:39	23°♌35'03	1°34'38
	-10297 Oct 30 j 09:00	0°♍	
evening rise	-10297 Nov 05 j 14:07	11°♍46'18	
	-10297 Nov 15 j 17:58	0°♎	
asc. node	-10297 Nov 18 j 08:06	3°♎46'37	
evening max el	-10297 Nov 21 j 19:24	7°♎49'35	18°26'01
retrograde	-10297 Nov 29 j 08:37	11°♎33'14	
evening set	-10297 Dec 01 j 20:42	11°♎09'54	
inferior conj	-10297 Dec 09 j 07:14	6°♎32'21	4°15'22
minimum elong	-10297 Dec 09 j 06:22	6°♎34'06	4°15'21
min. Earth dist.	-10297 Dec 12 j 13:09	3°♎55'13	0.59334 AU
morning rise	-10297 Dec 16 j 14:18	1°♎11'56	
	-10297 Dec 19 j 08:26	30°℞♍	
direct	-10297 Dec 23 j 01:24	29°♍24'14	
	-10297 Dec 26 j 20:05	0°♎	
desc. node	-10296 Jan 04 j 04:40	5°♎01'02	
morning max el	-10296 Jan 06 j 03:08	6°♎46'46	26°38'00
	-10296 Jan 23 j 12:25	0°♏	
morning set	-10296 Feb 04 j 20:54	23°♏19'36	
	-10296 Feb 08 j 00:21	0°♐	
superior conj	-10296 Feb 11 j 21:09	8°♐24'36	-0°22'58
minimum elong	-10296 Feb 11 j 22:06	8°♐29'50	0°23'18
max. Earth dist.	-10296 Feb 11 j 21:51	8°♐28'26	1.32780 AU
asc. node	-10296 Feb 14 j 06:00	13°♐34'33	
evening rise	-10296 Feb 18 j 23:02	23°♐37'16	
	-10296 Feb 22 j 02:17	0°♑	
	-10296 Mar 11 j 03:54	0°♒	
evening max el	-10296 Mar 19 j 05:06	9°♒13'12	26°24'59
desc. node	-10296 Apr 01 j 04:45	16°♒31'43	
retrograde	-10296 Apr 02 j 08:15	16°♒35'01	
evening set	-10296 Apr 08 j 09:26	15°♒02'04	
min. Earth dist.	-10296 Apr 12 j 18:29	12°♒12'54	0.59364 AU
inferior conj	-10296 Apr 16 j 02:52	9°♒34'12	-3°09'39
minimum elong	-10296 Apr 15 j 23:47	9°♒40'21	3°09'40
morning rise	-10296 Apr 23 j 16:53	4°♒58'55	
direct	-10296 Apr 26 j 03:13	4°♒37'33	
morning max el	-10296 May 03 j 17:07	8°♒16'47	18°23'41
asc. node	-10296 May 12 j 05:39	19°♒57'16	
	-10296 May 17 j 19:08	0°♓	
morning set	-10296 May 19 j 20:00	3°♓51'00	
superior conj	-10296 May 29 j 08:14	21°♓43'28	1°47'54
minimum elong	-10296 May 29 j 06:49	21°♓36'57	1°47'43
	-10296 Jun 02 j 22:42	0°♈	
max. Earth dist.	-10296 Jun 05 j 15:42	4°♈43'29	1.40277 AU
evening rise	-10296 Jun 10 j 10:39	12°♈49'17	
	-10296 Jun 21 j 06:10	0°♉	
desc. node	-10296 Jun 28 j 02:11	10°♉08'03	
	-10296 Jul 13 j 09:04	0°♊	
evening max el	-10296 Jul 14 j 22:52	1°♊38'55	23°13'13
retrograde	-10296 Jul 25 j 03:49	7°♊42'04	
evening set	-10296 Jul 30 j 03:24	5°♊35'49	
	-10296 Aug 03 j 21:32	30°℞♉	
inferior conj	-10296 Aug 04 j 08:52	29°♉20'57	-1°13'22
minimum elong	-10296 Aug 04 j 10:22	29°♉15'48	1°12'21
min. Earth dist.	-10296 Aug 04 j 03:59	29°♉37'47	0.67241 AU
asc. node	-10296 Aug 08 j 06:20	24°♉26'30	
morning rise	-10296 Aug 09 j 17:13	23°♉06'20	
direct	-10296 Aug 13 j 22:51	21°♉26'52	
morning max el	-10296 Aug 22 j 21:20	26°♉47'40	21°39'00
	-10296 Aug 25 j 18:41	0°♊	
	-10296 Sep 16 j 01:44	0°♋	
morning set	-10296 Sep 23 j 04:45	11°♋04'20	
desc. node	-10296 Sep 24 j 00:22	12°♋22'04	
max. Earth dist.	-10296 Sep 30 j 12:15	22°♋52'47	1.42044 AU
	-10296 Oct 04 j 18:26	0°♌	
superior conj	-10296 Oct 07 j 19:20	5°♌12'09	-1°16'54
minimum elong	-10296 Oct 07 j 14:53	4°♌52'54	1°15'57
evening rise	-10296 Oct 18 j 18:44	24°♌47'46	
	-10296 Oct 21 j 15:23	0°♍	
evening max el	-10296 Nov 04 j 05:02	20°♍52'38	18°08'44
asc. node	-10296 Nov 04 j 05:22	20°♍53'28	
retrograde	-10296 Nov 11 j 02:41	24°♍25'36	
evening set	-10296 Nov 13 j 16:00	23°♍56'50	
inferior conj	-10296 Nov 20 j 14:14	18°♍57'27	3°57'44
minimum elong	-10296 Nov 20 j 11:11	19°♍04'32	3°57'28
min. Earth dist.	-10296 Nov 23 j 13:54	16°♍11'25	0.61211 AU
morning rise	-10296 Nov 27 j 05:10	13°♍19'21	
direct	-10296 Dec 04 j 05:08	10°♍59'13	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10296 Dec 18 j 03:35	18°♍27'46	27°24'02
desc. node	-10296 Dec 21 j 01:24	21°♍27'57	
	-10296 Dec 27 j 23:31	0°♎	
	-10295 Jan 15 j 02:47	0°♏	
morning set	-10295 Jan 19 j 04:27	8°♏08'33	
max. Earth dist.	-10295 Jan 25 j 10:41	21°♏26'44	1.32862 AU
superior conj	-10295 Jan 26 j 08:45	23°♏26'49	-0°44'55
minimum elong	-10295 Jan 26 j 10:28	23°♏36'08	0°45'01
	-10295 Jan 29 j 08:58	0°♐	
asc. node	-10295 Jan 31 j 03:13	3°♐48'12	
evening rise	-10295 Feb 02 j 09:20	8°♐35'33	
	-10295 Feb 13 j 15:33	0°♑	
evening max el	-10295 Mar 01 j 01:15	20°♑27'16	25°10'51
retrograde	-10295 Mar 15 j 01:40	27°♑33'26	
desc. node	-10295 Mar 19 j 01:53	26°♑55'52	
evening set	-10295 Mar 20 j 02:07	26°♑34'57	
min. Earth dist.	-10295 Mar 25 j 14:26	23°♑36'13	0.57505 AU
inferior conj	-10295 Mar 28 j 13:51	21°♑34'19	-2°15'45
minimum elong	-10295 Mar 28 j 09:51	21°♑41'12	2°15'19
morning rise	-10295 Apr 05 j 20:46	17°♑17'44	
direct	-10295 Apr 08 j 03:37	17°♑01'58	
morning max el	-10295 Apr 16 j 21:30	21°♑09'57	19°03'11
	-10295 Apr 23 j 19:53	0°♒	
asc. node	-10295 Apr 29 j 02:32	9°♒08'10	
morning set	-10295 May 03 j 14:22	17°♒46'32	
	-10295 May 09 j 19:27	0°♓	
superior conj	-10295 May 12 j 04:50	4°♓37'39	1°37'30
minimum elong	-10295 May 12 j 02:04	4°♓24'23	1°36'59
max. Earth dist.	-10295 May 18 j 16:20	16°♓43'09	1.38398 AU
evening rise	-10295 May 22 j 16:32	23°♓50'07	
	-10295 May 26 j 07:06	0°♈	
desc. node	-10295 Jun 14 j 23:35	0°♉00'02	
	-10295 Jun 14 j 23:35	0°♉	
evening max el	-10295 Jun 27 j 09:15	15°♉00'31	24°34'39
retrograde	-10295 Jul 08 j 17:17	21°♉41'18	
evening set	-10295 Jul 14 j 07:52	19°♉15'11	
min. Earth dist.	-10295 Jul 18 j 22:16	13°♉53'41	0.67023 AU
inferior conj	-10295 Jul 19 j 14:23	12°♉59'28	-1°57'51
minimum elong	-10295 Jul 19 j 16:35	12°♉52'02	1°56'47
morning rise	-10295 Jul 25 j 01:16	6°♉52'50	
asc. node	-10295 Jul 26 j 03:14	6°♉12'18	
direct	-10295 Jul 28 j 19:47	5°♉30'50	
morning max el	-10295 Aug 05 j 18:27	10°♉11'33	20°25'24
	-10295 Aug 20 j 12:57	0°♊	
morning set	-10295 Sep 02 j 07:54	19°♊31'45	
	-10295 Sep 09 j 00:06	0°♋	
desc. node	-10295 Sep 10 j 21:23	3°♋00'00	
max. Earth dist.	-10295 Sep 12 j 22:19	6°♋15'55	1.43518 AU
superior conj	-10295 Sep 18 j 11:44	15°♋18'33	-0°45'06
minimum elong	-10295 Sep 18 j 07:31	15°♋01'09	0°44'02
	-10295 Sep 27 j 05:26	0°♌	
evening rise	-10295 Oct 01 j 07:08	7°♌01'42	
	-10295 Oct 15 j 06:40	0°♍	
evening max el	-10295 Oct 18 j 17:57	4°♍10'05	18°10'48
asc. node	-10295 Oct 22 j 02:36	6°♍49'06	
retrograde	-10295 Oct 25 j 08:57	7°♍42'58	
evening set	-10295 Oct 28 j 01:03	7°♍07'04	
inferior conj	-10295 Nov 03 j 12:20	1°♍47'39	3°23'11
minimum elong	-10295 Nov 03 j 08:37	1°♍57'25	3°22'37
	-10295 Nov 05 j 05:11	30°℞♌	
min. Earth dist.	-10295 Nov 06 j 00:11	29°♌10'56	0.62937 AU
morning rise	-10295 Nov 09 j 15:21	25°♌54'33	
direct	-10295 Nov 16 j 16:47	23°♌14'49	
	-10295 Nov 29 j 13:46	0°♍	

morning max el	-10295 Nov 30 j 09:53	0°♍47'55	27°35'21
desc. node	-10295 Dec 07 j 22:09	9°♍15'24	
	-10295 Dec 21 j 23:45	0°♎	
morning set	-10294 Jan 03 j 06:22	22°♎37'50	
	-10294 Jan 06 j 20:24	0°♏	
max. Earth dist.	-10294 Jan 08 j 19:17	4°♏07'44	1.33297 AU
superior conj	-10294 Jan 10 j 18:36	8°♏21'17	-1°04'45
minimum elong	-10294 Jan 10 j 20:47	8°♏33'00	1°04'44
evening rise	-10294 Jan 17 j 20:42	23°♏33'58	
asc. node	-10294 Jan 18 j 00:28	23°♏53'44	
	-10294 Jan 20 j 23:50	0°♐	
	-10294 Feb 09 j 09:51	0°♑	
evening max el	-10294 Feb 10 j 18:25	1°♑20'17	23°40'23
retrograde	-10294 Feb 24 j 06:51	7°♑59'21	
evening set	-10294 Feb 28 j 04:31	7°♑25'47	
desc. node	-10294 Mar 05 j 22:56	4°♑52'25	
min. Earth dist.	-10294 Mar 07 j 06:56	4°♑05'43	0.56100 AU
inferior conj	-10294 Mar 09 j 05:15	2°♑55'41	-0°50'14
minimum elong	-10294 Mar 09 j 03:12	2°♑58'48	0°50'10
	-10294 Mar 14 j 14:34	30°℞♐	
morning rise	-10294 Mar 18 j 04:30	28°♐52'01	
direct	-10294 Mar 20 j 09:51	28°♐39'24	
	-10294 Mar 25 j 20:30	0°♑	
morning max el	-10294 Mar 30 j 17:05	3°♑30'28	20°02'30
asc. node	-10294 Apr 15 j 23:30	28°♑44'17	
	-10294 Apr 16 j 14:42	0°♒	
morning set	-10294 Apr 17 j 16:52	2°♒11'21	
superior conj	-10294 Apr 25 j 15:41	18°♒18'29	1°20'49
minimum elong	-10294 Apr 25 j 12:43	18°♒03'40	1°20'02
max. Earth dist.	-10294 Apr 30 j 20:02	28°♒26'20	1.36652 AU
	-10294 May 01 j 15:46	0°♓	
evening rise	-10294 May 04 j 22:32	6°♓05'47	
	-10294 May 19 j 03:23	0°♈	
desc. node	-10294 Jun 01 j 20:58	19°♈23'14	
evening max el	-10294 Jun 09 j 18:59	28°♈23'40	25°48'30
	-10294 Jun 11 j 11:32	0°♉	
retrograde	-10294 Jun 22 j 02:31	5°♉33'12	
evening set	-10294 Jun 28 j 07:19	2°♉51'55	
	-10294 Jul 01 j 00:58	30°℞♈	
min. Earth dist.	-10294 Jul 02 j 12:43	28°♈09'17	0.66459 AU
inferior conj	-10294 Jul 03 j 17:15	26°♈37'30	-2°36'43
minimum elong	-10294 Jul 03 j 19:49	26°♈29'16	2°35'50
morning rise	-10294 Jul 09 j 08:23	20°♈41'50	
direct	-10294 Jul 12 j 17:43	19°♈35'16	
asc. node	-10294 Jul 13 j 00:08	19°♈35'40	
morning max el	-10294 Jul 19 j 22:13	23°♈42'49	19°24'34
	-10294 Jul 25 j 02:13	0°♉	
morning set	-10294 Aug 12 j 14:46	28°♉12'13	
	-10294 Aug 13 j 18:12	0°♊	
max. Earth dist.	-10294 Aug 26 j 13:08	20°♊09'11	1.44400 AU
desc. node	-10294 Aug 28 j 18:27	23°♊40'59	
superior conj	-10294 Aug 29 j 01:25	24°♊08'44	-0°01'46
minimum elong	-10294 Aug 29 j 01:16	24°♊08'07	0°01'11
behind sun begin	-10294 Aug 28 j 14:05	23°♊23'36	
behind sun end	-10294 Aug 29 j 12:27	24°♊52'40	
	-10294 Sep 01 j 17:16	0°♋	
evening rise	-10294 Sep 12 j 21:53	18°♋14'56	
	-10294 Sep 20 j 00:45	0°♌	
evening max el	-10294 Oct 02 j 07:11	17°♌35'25	18°31'11
retrograde	-10294 Oct 08 j 23:08	21°♌17'15	
asc. node	-10294 Oct 08 j 23:49	21°♌17'14	
evening set	-10294 Oct 11 j 20:10	20°♌31'43	
inferior conj	-10294 Oct 17 j 22:04	14°♌55'22	2°38'36
minimum elong	-10294 Oct 17 j 18:42	15°♌05'07	2°38'01

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10294 Oct 19 j 20:44	12°♌40'16	0.64399 AU
morning rise	-10294 Oct 23 j 16:39	8°♌50'15	
direct	-10294 Oct 30 j 11:26	6°♌04'27	
morning max el	-10294 Nov 12 j 19:23	13°♌37'39	27°12'57
desc. node	-10294 Nov 24 j 18:52	27°♌59'26	
	-10294 Nov 26 j 05:20	0°♍	
	-10294 Dec 14 j 12:22	0°♎	
morning set	-10294 Dec 17 j 23:37	6°♎36'49	
max. Earth dist.	-10294 Dec 22 j 19:43	16°♎19'00	1.34130 AU
superior conj	-10294 Dec 26 j 00:42	23°♎00'29	-1°21'36
minimum elong	-10294 Dec 26 j 02:56	23°♎12'16	1°21'31
	-10294 Dec 29 j 07:46	0°♏	
evening rise	-10293 Jan 02 j 07:24	8°♏25'26	
asc. node	-10293 Jan 04 j 21:44	13°♏45'27	
	-10293 Jan 13 j 20:48	0°♐	
evening max el	-10293 Jan 23 j 13:44	12°♐15'10	22°07'00
retrograde	-10293 Feb 05 j 01:08	18°♐12'46	
evening set	-10293 Feb 08 j 02:22	17°♐52'09	
inferior conj	-10293 Feb 17 j 05:54	13°♐45'41	0°56'03
minimum elong	-10293 Feb 17 j 08:19	13°♐42'14	0°54'43
min. Earth dist.	-10293 Feb 16 j 21:53	13°♐57'08	0.55433 AU
desc. node	-10293 Feb 20 j 19:56	11°♐47'49	
morning rise	-10293 Feb 26 j 14:57	9°♐41'36	
direct	-10293 Mar 01 j 02:34	9°♐27'32	
morning max el	-10293 Mar 13 j 01:46	15°♐10'42	21°20'26
	-10293 Mar 24 j 03:41	0°♑	
morning set	-10293 Apr 02 j 00:46	16°♑56'23	
asc. node	-10293 Apr 02 j 20:28	18°♑38'07	
	-10293 Apr 08 j 07:09	0°♒	
superior conj	-10293 Apr 09 j 12:35	2°♒32'42	1°00'17
minimum elong	-10293 Apr 09 j 10:08	2°♒19'58	0°59'21
max. Earth dist.	-10293 Apr 13 j 08:00	10°♒18'17	1.35191 AU
evening rise	-10293 Apr 17 j 22:46	19°♒19'13	
	-10293 Apr 23 j 18:33	0°♓	
	-10293 May 13 j 03:47	0°♈	
desc. node	-10293 May 19 j 18:20	8°♈05'37	
evening max el	-10293 May 23 j 05:33	11°♈44'43	26°46'23
retrograde	-10293 Jun 05 j 07:03	19°♈11'10	
evening set	-10293 Jun 11 j 23:21	16°♈23'19	
min. Earth dist.	-10293 Jun 15 j 21:08	12°♈19'32	0.65510 AU
inferior conj	-10293 Jun 17 j 15:26	10°♈12'27	-3°08'11
minimum elong	-10293 Jun 17 j 17:51	10°♈05'10	3°07'40
morning rise	-10293 Jun 23 j 12:37	4°♈30'35	
direct	-10293 Jun 26 j 14:46	3°♈37'00	
asc. node	-10293 Jun 29 j 21:00	4°♈33'56	
morning max el	-10293 Jul 03 j 07:30	7°♈20'00	18°39'17
	-10293 Jul 18 j 22:15	0°♉	
morning set	-10293 Jul 23 j 18:05	7°♉50'40	
	-10293 Aug 06 j 13:25	0°♊	
superior conj	-10293 Aug 08 j 01:17	2°♊22'06	0°44'33
minimum elong	-10293 Aug 08 j 06:28	2°♊42'40	0°44'26
max. Earth dist.	-10293 Aug 09 j 05:46	4°♊14'49	1.44594 AU
desc. node	-10293 Aug 15 j 15:36	14°♊22'21	
evening rise	-10293 Aug 24 j 10:18	28°♊15'53	
	-10293 Aug 25 j 12:33	0°♋	
	-10293 Sep 14 j 18:10	0°♌	
evening max el	-10293 Sep 15 j 18:05	1°♌04'19	19°08'44
retrograde	-10293 Sep 22 j 17:51	5°♌03'17	
evening set	-10293 Sep 25 j 22:09	4°♌05'04	
asc. node	-10293 Sep 25 j 20:58	4°♌06'51	
	-10293 Sep 30 j 06:11	30°℞♋	
inferior conj	-10293 Oct 01 j 16:20	28°♋15'01	1°48'41
minimum elong	-10293 Oct 01 j 13:53	28°♋22'41	1°48'20
min. Earth dist.	-10293 Oct 03 j 02:19	26°♋28'42	0.65560 AU
morning rise	-10293 Oct 07 j 05:13	22°♋01'24	
direct	-10293 Oct 13 j 12:31	19°♋21'00	
morning max el	-10293 Oct 26 j 05:32	26°♋44'30	26°22'20
	-10293 Oct 29 j 07:33	0°♌	
desc. node	-10293 Nov 11 j 15:35	17°♌23'29	
	-10293 Nov 19 j 19:23	0°♍	
morning set	-10293 Dec 01 j 04:28	19°♍53'46	
max. Earth dist.	-10293 Dec 05 j 09:13	27°♍56'58	1.35396 AU
	-10293 Dec 06 j 10:08	0°♎	
superior conj	-10293 Dec 10 j 00:46	7°♎17'02	-1°34'14
minimum elong	-10293 Dec 10 j 02:31	7°♎25'58	1°34'09
evening rise	-10293 Dec 17 j 15:43	23°♎04'17	
	-10293 Dec 21 j 02:10	0°♏	
asc. node	-10293 Dec 22 j 19:00	3°♏17'20	
evening max el	-10292 Jan 05 j 16:31	23°♏33'49	20°42'24
retrograde	-10292 Jan 16 j 15:32	28°♏42'31	
evening set	-10292 Jan 19 j 07:04	28°♏25'44	
inferior conj	-10292 Jan 28 j 03:25	24°♏27'16	2°36'24
minimum elong	-10292 Jan 28 j 09:00	24°♏19'05	2°34'27
min. Earth dist.	-10292 Jan 29 j 11:57	23°♏39'41	0.55651 AU
morning rise	-10292 Feb 06 j 09:28	20°♏06'57	
desc. node	-10292 Feb 07 j 16:52	19°♏51'34	
direct	-10292 Feb 09 j 17:50	19°♏42'18	
morning max el	-10292 Feb 22 j 23:43	26°♏12'37	22°52'39
	-10292 Feb 26 j 13:09	0°♐	
	-10292 Mar 15 j 13:47	0°♑	
morning set	-10292 Mar 16 j 11:51	1°♑54'26	
asc. node	-10292 Mar 19 j 17:27	8°♑44'14	
superior conj	-10292 Mar 23 j 16:25	17°♑10'22	0°37'33
minimum elong	-10292 Mar 23 j 14:49	17°♑01'55	0°36'40
max. Earth dist.	-10292 Mar 26 j 06:17	22°♑35'57	1.34082 AU
	-10292 Mar 29 j 20:59	0°♒	
evening rise	-10292 Mar 31 j 12:11	3°♒14'54	
	-10292 Apr 15 j 14:23	0°♓	
evening max el	-10292 May 04 j 16:23	24°♓54'18	27°20'24
desc. node	-10292 May 05 j 15:42	25°♓49'45	
	-10292 May 10 j 23:12	0°♈	
retrograde	-10292 May 18 j 06:02	2°♈26'46	
	-10292 May 24 j 20:44	30°℞♓	
evening set	-10292 May 25 j 05:01	29°♓44'13	
min. Earth dist.	-10292 May 28 j 21:38	26°♓15'26	0.64168 AU
inferior conj	-10292 May 31 j 06:26	23°♓39'40	-3°29'44
minimum elong	-10292 May 31 j 08:04	23°♓35'09	3°29'41
morning rise	-10292 Jun 06 j 11:46	18°♓14'03	
direct	-10292 Jun 09 j 08:25	17°♓31'21	
asc. node	-10292 Jun 15 j 17:49	20°♓52'47	
morning max el	-10292 Jun 15 j 20:17	20°♓58'56	18°11'09
	-10292 Jun 22 j 16:56	0°♈	
morning set	-10292 Jul 03 j 23:03	18°♈40'49	
	-10292 Jul 10 j 16:28	0°♉	
superior conj	-10292 Jul 17 j 09:34	11°♉01'33	1°21'53
minimum elong	-10292 Jul 17 j 15:57	11°♉27'23	1°21'39
max. Earth dist.	-10292 Jul 21 j 21:27	18°♉15'24	1.44089 AU
	-10292 Jul 29 j 07:50	0°♊	
desc. node	-10292 Aug 01 j 12:50	5°♊00'27	
evening rise	-10292 Aug 02 j 21:36	7°♊07'49	
greatest brilliancy	-10292 Aug 15 j 19:28	26°♊53'39	-0.7m
	-10292 Aug 17 j 21:44	0°♋	
evening max el	-10292 Aug 29 j 00:10	14°♋32'18	20°02'02
retrograde	-10292 Sep 05 j 14:22	18°♋56'56	
evening set	-10292 Sep 09 j 04:18	17°♋42'37	
asc. node	-10292 Sep 11 j 18:03	15°♋21'27	
inferior conj	-10292 Sep 14 j 16:32	11°♋41'56	0°56'32
minimum elong	-10292 Sep 14 j 15:14	11°♋46'13	0°56'37

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10292 Sep 15 j 14:51	10°♋28'09	0.66416 AU
morning rise	-10292 Sep 20 j 01:55	5°♋23'29	
direct	-10292 Sep 25 j 19:11	2°♋56'34	
morning max el	-10292 Oct 07 j 14:59	9°♋57'15	25°11'34
	-10292 Oct 23 j 14:24	0°♌	
desc. node	-10292 Oct 28 j 12:18	7°♌15'17	
	-10292 Nov 11 j 09:48	0°♍	
morning set	-10292 Nov 12 j 16:00	2°♍13'54	
max. Earth dist.	-10292 Nov 16 j 12:19	9°♍14'31	1.37073 AU
superior conj	-10292 Nov 22 j 15:48	21°♍01'18	-1°41'08
minimum elong	-10292 Nov 22 j 16:24	21°♍04'10	1°40'59
	-10292 Nov 27 j 03:39	0°♎	
evening rise	-10292 Nov 30 j 19:41	7°♎24'18	
asc. node	-10292 Dec 08 j 16:18	22°♎21'52	
	-10292 Dec 13 j 13:32	0°♏	
evening max el	-10292 Dec 18 j 05:15	5°♏25'24	19°33'57
retrograde	-10292 Dec 27 j 14:21	9°♏51'04	
evening set	-10292 Dec 30 j 03:08	9°♏33'11	
inferior conj	-10291 Jan 07 j 10:50	5°♏26'03	3°45'04
minimum elong	-10291 Jan 07 j 15:24	5°♏18'39	3°44'03
min. Earth dist.	-10291 Jan 10 j 01:32	3°♏44'53	0.56678 AU
morning rise	-10291 Jan 16 j 01:30	0°♏41'34	
	-10291 Jan 18 j 21:51	30°℞♎	
direct	-10291 Jan 20 j 17:21	29°♎52'26	
	-10291 Jan 22 j 12:44	0°♏	
desc. node	-10291 Jan 24 j 13:41	0°♏26'36	
morning max el	-10291 Feb 03 j 15:01	6°♏53'10	24°29'51
	-10291 Feb 20 j 07:35	0°♐	
morning set	-10291 Mar 01 j 00:19	16°♐59'15	
asc. node	-10291 Mar 06 j 14:30	28°♐58'16	
	-10291 Mar 07 j 01:54	0°♑	
superior conj	-10291 Mar 08 j 00:48	2°♑03'49	0°13'55
minimum elong	-10291 Mar 08 j 00:13	2°♑00'43	0°13'13
behind sun begin	-10291 Mar 07 j 21:26	1°♑45'35	
behind sun end	-10291 Mar 08 j 03:01	2°♑15'49	
max. Earth dist.	-10291 Mar 09 j 13:15	5°♑20'02	1.33318 AU
evening rise	-10291 Mar 15 j 10:50	17°♑40'19	
	-10291 Mar 21 j 19:50	0°♒	
	-10291 Apr 10 j 03:59	0°♓	
evening max el	-10291 Apr 17 j 01:27	7°♓40'37	27°24'27
desc. node	-10291 Apr 22 j 13:01	12°♓11'51	
retrograde	-10291 Apr 30 j 22:37	15°♓12'00	
evening set	-10291 May 07 j 21:00	12°♓48'01	
min. Earth dist.	-10291 May 11 j 12:58	9°♓45'39	0.62469 AU
inferior conj	-10291 May 14 j 11:21	6°♓53'28	-3°37'45
minimum elong	-10291 May 14 j 11:30	6°♓53'07	3°38'02
morning rise	-10291 May 21 j 03:16	1°♓46'27	
direct	-10291 May 23 j 19:41	1°♓12'56	
morning max el	-10291 May 30 j 10:17	4°♓35'14	18°01'10
asc. node	-10291 Jun 02 j 14:37	8°♓16'40	
	-10291 Jun 15 j 18:46	0°♈	
morning set	-10291 Jun 16 j 03:13	0°♈37'35	
superior conj	-10291 Jun 27 j 18:14	20°♈53'24	1°43'29
minimum elong	-10291 Jun 27 j 21:42	21°♈08'01	1°43'28
	-10291 Jul 03 j 05:31	0°♉	
max. Earth dist.	-10291 Jul 04 j 09:41	1°♉55'06	1.42952 AU
evening rise	-10291 Jul 12 j 22:18	15°♉31'13	
desc. node	-10291 Jul 19 j 10:08	25°♉32'18	
	-10291 Jul 22 j 08:55	0°♊	
evening max el	-10291 Aug 11 j 23:49	27°♊57'38	21°08'56
	-10291 Aug 14 j 04:06	0°♋	
retrograde	-10291 Aug 20 j 10:46	2°♋56'25	
evening set	-10291 Aug 24 j 12:31	1°♋23'00	
	-10291 Aug 26 j 01:10	30°℞♊	
inferior conj	-10291 Aug 29 j 20:36	25°♊14'31	0°04'27
minimum elong	-10291 Aug 29 j 20:29	25°♊14'54	0°04'59
transit middle	-10291 Aug 29 j 20:29	25°♊14'54	0°04'59
transit begin	-10291 Aug 29 j 17:54	25°♊23'45	
transit end	-10291 Aug 29 j 23:04	25°♊06'04	
asc. node	-10291 Aug 29 j 15:05	25°♊33'21	
min. Earth dist.	-10291 Aug 30 j 08:07	24°♊35'10	0.66972 AU
morning rise	-10291 Sep 04 j 04:18	18°♊54'50	
direct	-10291 Sep 09 j 06:56	16°♊45'47	
morning max el	-10291 Sep 20 j 00:44	23°♊12'05	23°49'40
	-10291 Sep 26 j 00:14	0°♋	
desc. node	-10291 Oct 15 j 09:05	27°♋27'05	
	-10291 Oct 17 j 00:08	0°♌	
morning set	-10291 Oct 25 j 04:46	13°♌23'44	
max. Earth dist.	-10291 Oct 29 j 10:42	20°♌44'16	1.39025 AU
	-10291 Nov 03 j 13:53	0°♍	
superior conj	-10291 Nov 05 j 17:56	4°♍02'31	-1°40'14
minimum elong	-10291 Nov 05 j 16:39	3°♍56'32	1°39'52
evening rise	-10291 Nov 14 j 17:05	21°♍19'53	
	-10291 Nov 19 j 05:42	0°♎	
asc. node	-10291 Nov 25 j 13:36	10°♎50'08	
evening max el	-10291 Dec 01 j 03:44	17°♎49'23	18°44'56
retrograde	-10291 Dec 09 j 06:11	21°♎44'51	
evening set	-10291 Dec 11 j 18:14	21°♎23'50	
inferior conj	-10291 Dec 19 j 12:15	16°♎58'10	4°14'12
minimum elong	-10291 Dec 19 j 13:19	16°♎56'11	4°14'03
min. Earth dist.	-10291 Dec 22 j 16:45	14°♎36'11	0.58274 AU
morning rise	-10291 Dec 27 j 06:27	11°♎49'44	
direct	-10290 Jan 02 j 04:21	10°♎24'33	
desc. node	-10290 Jan 11 j 10:28	13°♎41'59	
morning max el	-10290 Jan 16 j 06:37	17°♎41'06	25°57'45
	-10290 Jan 26 j 12:12	0°♏	
	-10290 Feb 12 j 12:36	0°♐	
morning set	-10290 Feb 13 j 12:20	2°♐03'34	
superior conj	-10290 Feb 20 j 11:46	17°♐05'33	-0°09'43
minimum elong	-10290 Feb 20 j 12:12	17°♐07'54	0°10'11
behind sun begin	-10290 Feb 20 j 08:20	16°♐46'53	
behind sun end	-10290 Feb 20 j 16:03	17°♐28'55	
max. Earth dist.	-10290 Feb 21 j 01:25	18°♐19'59	1.32880 AU
asc. node	-10290 Feb 21 j 11:36	19°♐15'28	
	-10290 Feb 26 j 11:56	0°♑	
evening rise	-10290 Feb 27 j 15:45	2°♑24'36	
	-10290 Mar 14 j 18:50	0°♒	
evening max el	-10290 Mar 30 j 06:07	19°♒51'48	26°55'44
desc. node	-10290 Apr 09 j 10:17	26°♒39'37	
retrograde	-10290 Apr 13 j 07:42	27°♒18'25	
evening set	-10290 Apr 19 j 19:51	25°♒24'33	
min. Earth dist.	-10290 Apr 23 j 19:10	22°♒35'18	0.60523 AU
inferior conj	-10290 Apr 27 j 02:42	19°♒45'07	-3°26'59
minimum elong	-10290 Apr 27 j 00:46	19°♒49'16	3°27'14
morning rise	-10290 May 04 j 07:54	14°♒58'23	
direct	-10290 May 06 j 20:32	14°♒32'53	
morning max el	-10290 May 13 j 22:52	18°♒01'42	18°09'57
asc. node	-10290 May 20 j 11:27	26°♒30'43	
	-10290 May 22 j 14:28	0°♓	
morning set	-10290 May 30 j 01:40	13°♓28'29	
	-10290 Jun 08 j 01:41	0°♈	
superior conj	-10290 Jun 09 j 05:50	2°♈05'39	1°49'49
minimum elong	-10290 Jun 09 j 05:50	2°♈05'41	1°49'47
max. Earth dist.	-10290 Jun 16 j 16:06	14°♈56'52	1.41335 AU
evening rise	-10290 Jun 22 j 10:36	24°♈27'48	
	-10290 Jun 25 j 21:49	0°♉	
desc. node	-10290 Jul 06 j 07:31	15°♉53'12	
	-10290 Jul 16 j 07:04	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10290 Jul 25 j 16:39	11°♊19'10	22°26'08
retrograde	-10290 Aug 04 j 05:31	16°♊58'39	
evening set	-10290 Aug 08 j 20:48	15°♊04'17	
inferior conj	-10290 Aug 14 j 02:38	8°♊50'48	-0°45'49
minimum elong	-10290 Aug 14 j 03:36	8°♊47'28	0°44'56
min. Earth dist.	-10290 Aug 14 j 03:43	8°♊47'03	0.67228 AU
asc. node	-10290 Aug 16 j 12:04	5°♊38'29	
morning rise	-10290 Aug 19 j 10:18	2°♊33'24	
direct	-10290 Aug 23 j 23:04	0°♊43'29	
morning max el	-10290 Sep 02 j 13:09	6°♊28'53	22°25'29
	-10290 Sep 20 j 12:16	0°♋	
desc. node	-10290 Oct 02 j 05:59	17°♋52'57	
morning set	-10290 Oct 05 j 14:54	23°♋16'06	
	-10290 Oct 09 j 17:29	0°♌	
max. Earth dist.	-10290 Oct 11 j 11:00	2°♌53'39	1.41000 AU
superior conj	-10290 Oct 19 j 02:04	16°♌07'16	-1°29'00
minimum elong	-10290 Oct 18 j 22:36	15°♌51'47	1°28'18
	-10290 Oct 26 j 16:09	0°♍	
evening rise	-10290 Oct 29 j 04:57	4°♍44'07	
asc. node	-10290 Nov 12 j 10:54	28°♍30'54	
	-10290 Nov 13 j 18:16	0°♎	
evening max el	-10290 Nov 14 j 10:05	0°♎40'27	18°16'14
retrograde	-10290 Nov 21 j 15:42	4°♎18'35	
evening set	-10290 Nov 24 j 04:01	3°♎53'13	
	-10290 Nov 30 j 07:54	30°℞♍	
inferior conj	-10290 Dec 01 j 09:08	29°♍06'09	4°10'34
minimum elong	-10290 Dec 01 j 07:09	29°♍10'26	4°10'29
min. Earth dist.	-10290 Dec 04 j 13:19	26°♍22'40	0.60129 AU
morning rise	-10290 Dec 08 j 08:45	23°♍37'31	
direct	-10290 Dec 15 j 02:37	21°♍34'58	
morning max el	-10290 Dec 29 j 03:39	29°♍00'44	27°01'51
desc. node	-10290 Dec 29 j 07:12	29°♍09'18	
	-10290 Dec 30 j 03:41	0°♎	
	-10289 Jan 20 j 04:07	0°♏	
morning set	-10289 Jan 28 j 22:08	17°♏00'33	
	-10289 Feb 03 j 23:54	0°♐	
superior conj	-10289 Feb 04 j 23:38	2°♐09'33	-0°32'29
minimum elong	-10289 Feb 05 j 00:57	2°♐16'41	0°32'42
max. Earth dist.	-10289 Feb 04 j 15:02	1°♐22'32	1.32767 AU
asc. node	-10289 Feb 08 j 08:49	9°♐31'44	
evening rise	-10289 Feb 12 j 00:38	17°♐19'44	
	-10289 Feb 18 j 09:26	0°♑	
	-10289 Mar 10 j 19:02	0°♒	
evening max el	-10289 Mar 12 j 05:01	1°♒24'18	25°56'14
retrograde	-10289 Mar 26 j 07:50	8°♒41'22	
desc. node	-10289 Mar 27 j 07:27	8°♒38'59	
evening set	-10289 Mar 31 j 23:25	7°♒23'23	
min. Earth dist.	-10289 Apr 05 j 18:11	4°♒31'49	0.58540 AU
inferior conj	-10289 Apr 09 j 00:50	2°♒05'59	-2°50'44
minimum elong	-10289 Apr 08 j 21:06	2°♒12'57	2°50'32
	-10289 Apr 11 j 23:50	30°℞♑	
morning rise	-10289 Apr 16 j 21:55	27°♑39'26	
direct	-10289 Apr 19 j 06:40	27°♑20'44	
	-10289 Apr 25 j 23:01	0°♒	
morning max el	-10289 Apr 27 j 07:11	1°♒10'05	18°38'04
asc. node	-10289 May 07 j 08:20	15°♒23'33	
morning set	-10289 May 13 j 13:52	27°♒02'59	
	-10289 May 15 j 02:30	0°♓	
superior conj	-10289 May 22 j 16:01	14°♓27'09	1°44'27
minimum elong	-10289 May 22 j 13:52	14°♓17'03	1°44'08
max. Earth dist.	-10289 May 29 j 17:07	27°♓14'13	1.39476 AU
	-10289 May 31 j 07:06	0°♈	
evening rise	-10289 Jun 03 j 00:41	4°♈40'42	
	-10289 Jun 19 j 01:39	0°♉	
desc. node	-10289 Jun 23 j 04:56	5°♉57'44	
evening max el	-10289 Jul 08 j 04:24	24°♉39'19	23°48'10
	-10289 Jul 15 j 00:59	0°♊	
retrograde	-10289 Jul 18 j 21:19	1°♊00'01	
	-10289 Jul 22 j 09:59	30°℞♉	
evening set	-10289 Jul 24 j 03:14	28°♉44'51	
inferior conj	-10289 Jul 29 j 08:51	22°♉29'03	-1°32'51
minimum elong	-10289 Jul 29 j 10:41	22°♉22'46	1°31'47
min. Earth dist.	-10289 Jul 28 j 23:16	23°♉01'53	0.67187 AU
asc. node	-10289 Aug 03 j 09:01	16°♉35'29	
morning rise	-10289 Aug 03 j 18:05	16°♉17'21	
direct	-10289 Aug 07 j 18:38	14°♉45'44	
morning max el	-10289 Aug 16 j 06:36	19°♉49'20	21°06'16
	-10289 Aug 24 j 13:02	0°♊	
	-10289 Sep 13 j 17:59	0°♋	
morning set	-10289 Sep 15 j 01:22	2°♋02'28	
desc. node	-10289 Sep 19 j 02:57	8°♋27'28	
max. Earth dist.	-10289 Sep 23 j 16:45	15°♋49'31	1.42728 AU
superior conj	-10289 Sep 30 j 10:18	26°♋59'48	-1°05'03
minimum elong	-10289 Sep 30 j 05:32	26°♋39'40	1°04'00
	-10289 Oct 02 j 04:41	0°♌	
evening rise	-10289 Oct 12 j 03:19	17°♌26'42	
	-10289 Oct 19 j 06:00	0°♍	
evening max el	-10289 Oct 28 j 21:27	13°♍50'13	18°07'20
asc. node	-10289 Oct 30 j 08:11	15°♍09'20	
retrograde	-10289 Nov 04 j 15:26	17°♍22'08	
evening set	-10289 Nov 07 j 05:35	16°♍50'45	
inferior conj	-10289 Nov 13 j 23:01	11°♍42'47	3°44'39
minimum elong	-10289 Nov 13 j 19:31	11°♍51'22	3°44'15
min. Earth dist.	-10289 Nov 16 j 18:10	8°♍58'27	0.61969 AU
morning rise	-10289 Nov 20 j 08:21	5°♍57'47	
direct	-10289 Nov 27 j 10:08	3°♍27'14	
morning max el	-10289 Dec 11 j 06:51	10°♍58'58	27°33'07
desc. node	-10289 Dec 16 j 03:55	16°♍13'33	
	-10289 Dec 26 j 08:34	0°♎	
	-10288 Jan 12 j 07:30	0°♏	
morning set	-10288 Jan 13 j 03:34	1°♏41'45	
max. Earth dist.	-10288 Jan 19 j 02:17	14°♏13'26	1.32995 AU
superior conj	-10288 Jan 20 j 10:42	17°♏08'50	-0°53'38
minimum elong	-10288 Jan 20 j 12:39	17°♏19'25	0°53'41
asc. node	-10288 Jan 26 j 06:03	29°♏42'03	
	-10288 Jan 26 j 09:25	0°♐	
evening rise	-10288 Jan 27 j 11:33	2°♐18'05	
	-10288 Feb 11 j 18:21	0°♑	
evening max el	-10288 Feb 21 j 23:18	12°♑26'13	24°33'40
retrograde	-10288 Mar 06 j 20:35	19°♑23'10	
evening set	-10288 Mar 11 j 09:03	18°♑36'58	
desc. node	-10288 Mar 13 j 04:32	17°♑54'14	
min. Earth dist.	-10288 Mar 17 j 12:37	15°♑30'18	0.56825 AU
inferior conj	-10288 Mar 20 j 03:16	13°♑49'03	-1°43'09
minimum elong	-10288 Mar 19 j 23:40	13°♑54'53	1°42'42
morning rise	-10288 Mar 28 j 17:27	9°♑38'59	
direct	-10288 Mar 30 j 22:56	9°♑25'04	
morning max el	-10288 Apr 09 j 08:10	13°♑50'18	19°26'02
	-10288 Apr 20 j 16:09	0°♒	
asc. node	-10288 Apr 23 j 05:15	4°♒45'49	
morning set	-10288 Apr 26 j 12:03	11°♒11'38	
superior conj	-10288 May 04 j 19:15	27°♒42'37	1°31'03
minimum elong	-10288 May 04 j 16:17	27°♒28'09	1°30'23
	-10288 May 05 j 23:29	0°♓	
max. Earth dist.	-10288 May 10 j 17:52	9°♓01'47	1.37625 AU
evening rise	-10288 May 14 j 17:31	16°♓15'27	
	-10288 May 22 j 19:18	0°♈	
desc. node	-10288 Jun 09 j 02:20	25°♈38'54	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10288 Jun 12 j 11:38	0°♉		
evening max el	-10288 Jun 19 j 14:16	8°♉02'10	25°07'31	
retrograde	-10288 Jul 01 j 09:11	14°♉56'53		
evening set	-10288 Jul 07 j 05:51	12°♉23'48		
min. Earth dist.	-10288 Jul 11 j 16:20	7°♉18'20	0.66825 AU	
inferior conj	-10288 Jul 12 j 13:30	6°♉08'13	-2°15'09	
minimum elong	-10288 Jul 12 j 15:55	6°♉00'14	2°14'07	
morning rise	-10288 Jul 18 j 01:57	0°♉05'35		
	-10288 Jul 18 j 05:13	30°℞♈		
asc. node	-10288 Jul 20 j 05:55	29°♈02'09		
direct	-10288 Jul 21 j 16:18	28°♈50'23		
	-10288 Jul 25 j 08:23	0°♉		
morning max el	-10288 Jul 29 j 06:32	3°♉16'20	19°57'41	
	-10288 Aug 17 j 09:07	0°♊		
morning set	-10288 Aug 24 j 03:30	10°♊28'14		
desc. node	-10288 Sep 04 j 23:59	29°♊07'13		
max. Earth dist.	-10288 Sep 05 j 04:46	29°♊26'14	1.43976 AU	
	-10288 Sep 05 j 13:13	0°♋		
superior conj	-10288 Sep 09 j 14:49	6°♋32'21	-0°27'48	
minimum elong	-10288 Sep 09 j 11:52	6°♋20'23	0°26'51	
evening rise	-10288 Sep 23 j 07:11	29°♋16'16		
	-10288 Sep 23 j 17:29	0°♌		
evening max el	-10288 Oct 11 j 10:55	27°♌12'00	18°17'18	
	-10288 Oct 15 j 01:05	0°♍		
asc. node	-10288 Oct 16 j 05:24	0°♍29'36		
retrograde	-10288 Oct 18 j 01:21	0°♍47'16		
evening set	-10288 Oct 20 j 19:20	0°♍07'36		
	-10288 Oct 21 j 01:28	30°℞♌		
inferior conj	-10288 Oct 27 j 02:27	24°♌40'52	3°05'07	
minimum elong	-10288 Oct 26 j 22:47	24°♌50'55	3°04'31	
min. Earth dist.	-10288 Oct 29 j 08:49	22°♌12'03	0.63605 AU	
morning rise	-10288 Nov 02 j 01:31	18°♌42'27		
direct	-10288 Nov 09 j 01:08	15°♌58'15		
morning max el	-10288 Nov 22 j 14:36	23°♌32'02	27°29'30	
	-10288 Nov 28 j 12:03	0°♍		
desc. node	-10288 Dec 02 j 00:38	4°♍27'09		
	-10288 Dec 18 j 13:42	0°♎		
morning set	-10288 Dec 27 j 02:07	15°♎58'36		
max. Earth dist.	-10287 Jan 01 j 07:34	26°♎41'09	1.33602 AU	
	-10287 Jan 02 j 21:10	0°♏		
superior conj	-10287 Jan 03 j 19:10	1°♏57'12	-1°12'20	
minimum elong	-10287 Jan 03 j 21:25	2°♏09'16	1°12'17	
evening rise	-10287 Jan 10 j 22:48	17°♏13'37		
asc. node	-10287 Jan 12 j 03:17	19°♏41'50		
	-10287 Jan 17 j 08:36	0°♐		
evening max el	-10287 Feb 02 j 16:49	23°♐16'51	23°00'15	
retrograde	-10287 Feb 15 j 20:14	29°♐39'04		
evening set	-10287 Feb 19 j 07:53	29°♐12'34		
min. Earth dist.	-10287 Feb 27 j 04:23	25°♐39'36	0.55711 AU	
inferior conj	-10287 Feb 28 j 11:17	24°♐54'29	-0°06'19	
minimum elong	-10287 Feb 28 j 10:59	24°♐54'55	0°06'48	
transit middle	-10287 Feb 28 j 10:59	24°♐54'55	0°06'48	
transit begin	-10287 Feb 28 j 07:19	25°♐00'17		
transit end	-10287 Feb 28 j 14:39	24°♐49'34		
desc. node	-10287 Feb 28 j 01:35	25°♐08'41		
morning rise	-10287 Mar 09 j 15:50	20°♐52'12		
direct	-10287 Mar 11 j 22:36	20°♐39'37		
morning max el	-10287 Mar 22 j 23:05	25°♐52'51	20°33'35	
	-10287 Mar 26 j 17:16	0°♑		
asc. node	-10287 Apr 10 j 02:11	24°♑29'38		
morning set	-10287 Apr 10 j 17:06	25°♑45'23		
	-10287 Apr 12 j 18:47	0°♒		
superior conj	-10287 Apr 18 j 10:43	11°♒38'03	1°12'28	
minimum elong	-10287 Apr 18 j 07:54	11°♒23'45	1°11'36	
max. Earth dist.	-10287 Apr 23 j 00:46	20°♒46'10	1.35988 AU	
evening rise	-10287 Apr 27 j 07:55	28°♒57'16		
	-10287 Apr 27 j 21:28	0°♓		
	-10287 May 16 j 00:27	0°♈		
desc. node	-10287 May 26 j 23:44	14°♈46'23		
evening max el	-10287 Jun 02 j 00:30	21°♈25'50	26°15'41	
retrograde	-10287 Jun 14 j 16:19	28°♈43'19		
evening set	-10287 Jun 21 j 02:25	25°♈58'18		
min. Earth dist.	-10287 Jun 25 j 04:30	21°♈32'13	0.66104 AU	
inferior conj	-10287 Jun 26 j 14:38	19°♈45'17	-2°51'07	
minimum elong	-10287 Jun 26 j 17:12	19°♈37'14	2°50'21	
morning rise	-10287 Jul 02 j 08:04	13°♈54'58		
direct	-10287 Jul 05 j 14:13	12°♈54'00		
asc. node	-10287 Jul 07 j 02:46	13°♈06'52		
morning max el	-10287 Jul 12 j 12:44	16°♈49'49	19°03'17	
	-10287 Jul 22 j 08:37	0°♉		
morning set	-10287 Aug 03 j 17:43	19°♉29'53		
	-10287 Aug 10 j 08:37	0°♊		
max. Earth dist.	-10287 Aug 18 j 21:02	13°♊28'02	1.44580 AU	
superior conj	-10287 Aug 19 j 20:13	14°♊59'45	0°18'15	
minimum elong	-10287 Aug 19 j 22:32	15°♊08'57	0°18'31	
desc. node	-10287 Aug 22 j 21:05	19°♊48'34		
	-10287 Aug 29 j 06:24	0°♋		
evening rise	-10287 Sep 04 j 11:05	9°♋59'29		
	-10287 Sep 16 j 22:59	0°♌		
evening max el	-10287 Sep 24 j 23:31	10°♌39'23	18°45'06	
retrograde	-10287 Oct 01 j 17:46	14°♌27'04		
asc. node	-10287 Oct 03 j 02:33	14°♌16'31		
evening set	-10287 Oct 04 j 17:44	13°♌36'22		
inferior conj	-10287 Oct 10 j 16:08	7°♌53'43	2°17'50	
minimum elong	-10287 Oct 10 j 13:07	8°♌02'47	2°17'19	
min. Earth dist.	-10287 Oct 12 j 09:13	5°♌50'32	0.64941 AU	
morning rise	-10287 Oct 16 j 08:02	1°♌44'50		
	-10287 Oct 18 j 22:05	30°℞♋		
direct	-10287 Oct 22 j 22:27	29°♋00'18		
	-10287 Oct 27 j 06:25	0°♌		
morning max el	-10287 Nov 05 j 00:30	6°♌29'48	26°54'23	
desc. node	-10287 Nov 18 j 21:20	23°♌29'41		
	-10287 Nov 23 j 07:33	0°♍		
morning set	-10287 Dec 10 j 14:36	29°♍40'58		
	-10287 Dec 10 j 18:34	0°♎		
max. Earth dist.	-10287 Dec 15 j 03:41	8°♎38'24	1.34620 AU	
superior conj	-10287 Dec 18 j 23:01	16°♎27'46	-1°27'33	
minimum elong	-10287 Dec 19 j 01:07	16°♎38'43	1°27'29	
	-10287 Dec 25 j 09:32	0°♏		
evening rise	-10287 Dec 26 j 08:43	2°♏00'41		
asc. node	-10287 Dec 30 j 00:32	9°♏25'56		
	-10286 Jan 11 j 15:00	0°♐		
evening max el	-10286 Jan 15 j 14:50	4°♐19'54	21°29'21	
retrograde	-10286 Jan 27 j 11:14	9°♐56'33		
evening set	-10286 Jan 30 j 07:27	9°♐38'14		
inferior conj	-10286 Feb 08 j 08:55	5°♐37'25	1°41'12	
minimum elong	-10286 Feb 08 j 13:06	5°♐31'27	1°39'23	
min. Earth dist.	-10286 Feb 08 j 18:36	5°♐23'37	0.55418 AU	
desc. node	-10286 Feb 14 j 22:32	2°♐18'30		
morning rise	-10286 Feb 17 j 18:30	1°♐28'33		
direct	-10286 Feb 20 j 13:20	1°♐11'21		
morning max el	-10286 Mar 05 j 02:52	7°♐15'23	21°58'26	
	-10286 Mar 20 j 18:47	0°♑		
morning set	-10286 Mar 26 j 02:37	10°♑37'07		
asc. node	-10286 Mar 27 j 23:09	14°♑29'26		
superior conj	-10286 Apr 02 j 10:54	26°♑03'17	0°50'49	
minimum elong	-10286 Apr 02 j 08:47	25°♑52'11	0°49'54	
	-10286 Apr 04 j 08:26	0°♒		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10286	Apr	05	j 17:28	2°♒49'32	1.34675 AU	max. Earth dist.	-10285	Mar	19	j 19:43	15°♉18'34	1.33712 AU
evening rise	-10286	Apr	10	j 14:19	12°♒30'16		evening rise	-10285	Mar	25	j 08:03	26°♉39'29	
	-10286	Apr	20	j 05:46	0°♓			-10285	Mar	27	j 00:44	0°♒	
	-10286	May	11	j 01:23	0°♈			-10285	Apr	13	j 14:15	0°♓	
desc. node	-10286	May	13	j 21:06	3°♈06'20		evening max el	-10285	Apr	27	j 21:31	17°♓43'11	27°25'57
evening max el	-10286	May	15	j 11:23	4°♈43'16	27°04'09	desc. node	-10285	Apr	30	j 18:28	20°♓18'35	
retrograde	-10286	May	28	j 18:20	12°♈12'45		retrograde	-10285	May	11	j 14:47	25°♓16'24	
evening set	-10286	Jun	04	j 14:23	9°♈25'28		evening set	-10285	May	18	j 14:40	22°♓39'41	
min. Earth dist.	-10286	Jun	08	j 09:35	5°♈37'32	0.64992 AU	min. Earth dist.	-10285	May	22	j 06:07	19°♓23'51	0.63484 AU
inferior conj	-10286	Jun	10	j 10:03	3°♈17'13	-3°18'43	inferior conj	-10285	May	24	j 21:07	16°♓38'54	-3°35'04
minimum elong	-10286	Jun	10	j 12:14	3°♈10'54	3°18'24	minimum elong	-10285	May	24	j 22:13	16°♓36'01	3°35'12
	-10286	Jun	13	j 10:35	30°℞♓		morning rise	-10285	May	31	j 06:41	11°♓21'17	
morning rise	-10286	Jun	16	j 10:27	27°♓42'06		direct	-10285	Jun	03	j 01:23	10°♓42'46	
direct	-10286	Jun	19	j 10:10	26°♓53'17		morning max el	-10285	Jun	09	j 13:28	14°♓06'44	18°04'43
asc. node	-10286	Jun	23	j 23:36	28°♓41'10		asc. node	-10285	Jun	10	j 20:26	15°♓29'21	
	-10286	Jun	25	j 12:21	0°♈			-10285	Jun	20	j 14:25	0°♈	
morning max el	-10286	Jun	25	j 23:47	0°♈28'07	18°25'13	morning set	-10285	Jun	26	j 23:15	10°♈58'01	
morning set	-10286	Jul	15	j 07:56	29°♈38'49			-10285	Jul	08	j 03:49	0°♉	
	-10286	Jul	15	j 13:03	0°♉								
							superior conj	-10285	Jul	09	j 14:29	2°♉23'20	1°33'04
superior conj	-10286	Jul	29	j 20:52	23°♉16'00	1°02'05	minimum elong	-10285	Jul	09	j 19:54	2°♉45'39	1°32'56
minimum elong	-10286	Jul	30	j 03:14	23°♉41'23	1°01'50	max. Earth dist.	-10285	Jul	15	j 04:32	11°♉28'40	1.43667 AU
max. Earth dist.	-10286	Aug	01	j 14:09	27°♉35'32	1.44468 AU	evening rise	-10285	Jul	25	j 16:18	28°♉01'54	
	-10286	Aug	03	j 02:39	0°♊			-10285	Jul	26	j 22:48	0°♊	
desc. node	-10286	Aug	09	j 18:15	10°♊28'46		desc. node	-10285	Jul	27	j 15:32	1°♊04'41	
evening rise	-10286	Aug	15	j 12:05	19°♊29'20			-10285	Aug	16	j 05:04	0°♋	
	-10286	Aug	22	j 05:30	0°♋		evening max el	-10285	Aug	22	j 12:01	7°♋35'04	20°28'57
greatest brilliancy	-10286	Aug	25	j 20:20	5°♋35'46	-0.7m	retrograde	-10285	Aug	30	j 10:30	12°♋13'50	
evening max el	-10286	Sep	08	j 08:36	24°♋08'04	19°29'30	evening set	-10285	Sep	03	j 05:08	10°♋51'47	
retrograde	-10286	Sep	15	j 13:38	28°♋16'57		asc. node	-10285	Sep	06	j 20:45	7°♋07'17	
evening set	-10286	Sep	18	j 21:48	27°♋12'09		inferior conj	-10285	Sep	08	j 15:21	4°♋47'14	0°34'22
asc. node	-10286	Sep	19	j 23:41	26°♋24'06		minimum elong	-10285	Sep	08	j 14:34	4°♋49'53	0°34'38
inferior conj	-10286	Sep	24	j 13:13	21°♋16'55	1°26'41	min. Earth dist.	-10285	Sep	09	j 08:59	3°♋47'54	0.66682 AU
minimum elong	-10286	Sep	24	j 11:15	21°♋23'14	1°26'30		-10285	Sep	12	j 10:13	30°℞♊	
min. Earth dist.	-10286	Sep	25	j 18:00	19°♋44'24	0.65963 AU	morning rise	-10285	Sep	13	j 23:47	28°♊27'34	
morning rise	-10286	Sep	30	j 00:22	15°♋00'45		direct	-10285	Sep	19	j 10:42	26°♊07'57	
direct	-10286	Oct	06	j 01:44	12°♋25'41			-10285	Sep	27	j 16:05	0°♋	
morning max el	-10286	Oct	18	j 10:36	19°♋40'52	25°54'12	morning max el	-10285	Sep	30	j 20:12	2°♋56'03	24°37'36
	-10286	Oct	27	j 08:21	0°♌			-10285	Oct	21	j 13:21	0°♌	
desc. node	-10286	Nov	05	j 18:01	13°♌06'33		desc. node	-10285	Oct	23	j 14:47	3°♌07'59	
	-10286	Nov	16	j 09:14	0°♍		morning set	-10285	Nov	05	j 15:23	24°♌28'25	
morning set	-10286	Nov	23	j 12:45	12°♍35'34			-10285	Nov	08	j 18:09	0°♍	
max. Earth dist.	-10286	Nov	27	j 12:50	20°♍06'46	1.36067 AU	max. Earth dist.	-10285	Nov	09	j 13:04	1°♍25'34	1.37881 AU
superior conj	-10286	Dec	02	j 19:39	0°♎31'37	-1°38'00	superior conj	-10285	Nov	16	j 05:47	13°♍59'24	-1°41'52
minimum elong	-10286	Dec	02	j 21:00	0°♎38'23	1°37'53	minimum elong	-10285	Nov	16	j 05:40	13°♍58'48	1°41'38
	-10286	Dec	02	j 13:22	0°♎			-10285	Nov	24	j 08:18	0°♎	
evening rise	-10286	Dec	10	j 15:28	16°♎32'28		evening rise	-10285	Nov	24	j 17:01	0°♎43'18	
asc. node	-10286	Dec	16	j 21:49	28°♎47'20		asc. node	-10285	Dec	03	j 19:07	17°♎37'59	
	-10286	Dec	17	j 13:50	0°♏		evening max el	-10285	Dec	11	j 14:40	27°♎57'40	19°10'36
evening max el	-10286	Dec	28	j 21:35	15°♏51'28	20°10'58		-10285	Dec	14	j 02:21	0°♏	
retrograde	-10285	Jan	08	j 04:14	20°♏41'14		retrograde	-10285	Dec	20	j 09:48	2°♏08'54	
evening set	-10285	Jan	10	j 18:00	20°♏24'23		evening set	-10285	Dec	22	j 21:57	1°♏50'01	
inferior conj	-10285	Jan	19	j 09:15	16°♏23'30	3°10'21		-10285	Dec	27	j 06:18	30°℞♎	
minimum elong	-10285	Jan	19	j 14:54	16°♏14'54	3°08'42	inferior conj	-10285	Dec	30	j 23:51	27°♎35'58	4°02'03
min. Earth dist.	-10285	Jan	21	j 08:13	15°♏12'19	0.55996 AU	minimum elong	-10285	Dec	31	j 03:02	27°♎30'30	4°01'30
morning rise	-10285	Jan	28	j 09:58	11°♏53'23		min. Earth dist.	-10284	Jan	02	j 22:31	25°♎35'06	0.57306 AU
direct	-10285	Feb	01	j 06:43	11°♏20'24		morning rise	-10284	Jan	08	j 05:53	22°♎40'26	
desc. node	-10285	Feb	01	j 19:24	11°♏21'02		direct	-10284	Jan	13	j 11:14	21°♎36'48	
morning max el	-10285	Feb	14	j 21:26	18°♏05'42	23°34'15	desc. node	-10284	Jan	19	j 16:13	23°♎06'07	
	-10285	Feb	24	j 13:27	0°♐		morning max el	-10284	Jan	27	j 12:13	28°♎46'29	25°09'12
morning set	-10285	Mar	10	j 14:31	25°♐38'49			-10284	Jan	28	j 17:53	0°♏	
	-10285	Mar	12	j 15:58	0°♑			-10284	Feb	17	j 19:23	0°♐	
asc. node	-10285	Mar	14	j 20:10	4°♑39'25		morning set	-10284	Feb	23	j 03:00	10°♐43'55	
							asc. node	-10284	Feb	29	j 17:16	24°♐55'09	
superior conj	-10285	Mar	17	j 16:57	10°♑48'30	0°27'34							
minimum elong	-10285	Mar	17	j 15:46	10°♑42'16	0°26'46	superior conj	-10284	Mar	01	j 02:41	25°♐46'16	0°03'51

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10284 Mar 01 j 02:32	25°♐45'29	0°03'15
behind sun begin	-10284 Feb 29 j 21:34	25°♐18'32	
behind sun end	-10284 Mar 01 j 07:30	26°♐12'26	
max. Earth dist.	-10284 Mar 02 j 05:05	28°♐09'20	1.33091 AU
	-10284 Mar 03 j 01:36	0°♑	
evening rise	-10284 Mar 08 j 09:42	11°♑13'46	
	-10284 Mar 18 j 07:18	0°♒	
	-10284 Apr 08 j 22:45	0°♓	
evening max el	-10284 Apr 09 j 04:49	0°♓14'44	27°16'15
desc. node	-10284 Apr 16 j 15:46	5°♓55'47	
retrograde	-10284 Apr 23 j 04:37	7°♓45'23	
evening set	-10284 Apr 29 j 23:46	5°♓33'00	
min. Earth dist.	-10284 May 03 j 17:35	2°♓37'54	0.61654 AU
inferior conj	-10284 May 06 j 20:41	29°♒43'46	-3°35'53
minimum elong	-10284 May 06 j 20:00	29°♒45'24	3°36'13
	-10284 May 06 j 13:45	30°℞♒	
morning rise	-10284 May 13 j 17:56	24°♒45'22	
direct	-10284 May 16 j 08:34	24°♒15'33	
morning max el	-10284 May 23 j 03:13	27°♒39'25	18°02'34
	-10284 May 25 j 06:27	0°♓	
asc. node	-10284 May 27 j 17:16	3°♓15'53	
morning set	-10284 Jun 08 j 11:44	23°♓18'28	
	-10284 Jun 12 j 04:33	0°♈	
superior conj	-10284 Jun 19 j 10:48	12°♈49'21	1°47'51
minimum elong	-10284 Jun 19 j 12:42	12°♈57'31	1°47'52
max. Earth dist.	-10284 Jun 26 j 13:43	24°♈50'46	1.42301 AU
	-10284 Jun 29 j 17:26	0°♉	
evening rise	-10284 Jul 03 j 19:12	6°♉30'58	
desc. node	-10284 Jul 13 j 12:54	21°♉32'11	
	-10284 Jul 19 j 06:05	0°♊	
evening max el	-10284 Aug 04 j 08:40	20°♊58'23	21°40'55
retrograde	-10284 Aug 13 j 06:23	26°♊14'16	
evening set	-10284 Aug 17 j 13:35	24°♊32'20	
inferior conj	-10284 Aug 22 j 20:29	18°♊21'30	-0°17'10
minimum elong	-10284 Aug 22 j 20:50	18°♊20'16	0°16'28
min. Earth dist.	-10284 Aug 23 j 03:38	17°♊56'52	0.67111 AU
asc. node	-10284 Aug 23 j 17:47	17°♊08'20	
morning rise	-10284 Aug 28 j 03:56	12°♊02'08	
direct	-10284 Sep 02 j 00:34	10°♊00'59	
morning max el	-10284 Sep 12 j 06:36	16°♊10'46	23°13'39
	-10284 Sep 23 j 13:36	0°♋	
desc. node	-10284 Oct 09 j 11:36	23°♋26'12	
	-10284 Oct 13 j 14:29	0°♌	
morning set	-10284 Oct 16 j 17:02	5°♌05'25	
max. Earth dist.	-10284 Oct 21 j 10:58	13°♌07'20	1.39878 AU
superior conj	-10284 Oct 29 j 00:58	26°♌38'30	-1°36'54
minimum elong	-10284 Oct 28 j 22:45	26°♌28'20	1°36'24
	-10284 Oct 30 j 20:28	0°♍	
evening rise	-10284 Nov 07 j 10:45	14°♍26'09	
	-10284 Nov 15 j 22:18	0°♎	
asc. node	-10284 Nov 19 j 16:25	5°♎47'34	
evening max el	-10284 Nov 23 j 16:53	10°♎34'27	18°30'16
retrograde	-10284 Dec 01 j 09:05	14°♎20'33	
evening set	-10284 Dec 03 j 21:12	13°♎57'48	
inferior conj	-10284 Dec 11 j 09:38	9°♎23'26	4°16'00
minimum elong	-10284 Dec 11 j 09:15	9°♎24'13	4°15'58
min. Earth dist.	-10284 Dec 14 j 15:40	6°♎49'30	0.59057 AU
morning rise	-10284 Dec 18 j 19:30	4°♎06'05	
direct	-10284 Dec 25 j 03:40	2°♎24'03	
desc. node	-10283 Jan 05 j 12:58	7°♎21'33	
morning max el	-10283 Jan 08 j 05:31	9°♎45'01	26°28'30
	-10283 Jan 23 j 18:18	0°♏	
morning set	-10283 Feb 06 j 14:19	25°♏45'50	
	-10283 Feb 08 j 14:25	0°♐	
superior conj	-10283 Feb 13 j 14:15	10°♐49'54	-0°19'31
minimum elong	-10283 Feb 13 j 15:05	10°♐54'23	0°19'52
max. Earth dist.	-10283 Feb 13 j 18:16	11°♐11'45	1.32794 AU
asc. node	-10283 Feb 15 j 14:25	15°♐12'32	
evening rise	-10283 Feb 20 j 16:35	26°♐03'56	
	-10283 Feb 22 j 14:39	0°♑	
	-10283 Mar 12 j 01:47	0°♒	
evening max el	-10283 Mar 22 j 07:22	12°♒10'30	26°33'58
desc. node	-10283 Apr 03 j 13:00	19°♒24'30	
retrograde	-10283 Apr 05 j 10:13	19°♒33'29	
evening set	-10283 Apr 11 j 14:33	17°♒55'08	
min. Earth dist.	-10283 Apr 15 j 20:42	15°♒06'24	0.59663 AU
inferior conj	-10283 Apr 19 j 05:12	12°♒24'05	-3°15'13
minimum elong	-10283 Apr 19 j 02:24	12°♒29'47	3°15'18
morning rise	-10283 Apr 26 j 16:50	7°♒45'44	
direct	-10283 Apr 29 j 03:48	7°♒23'17	
morning max el	-10283 May 06 j 14:19	10°♒59'23	18°19'28
asc. node	-10283 May 14 j 14:08	21°♒48'03	
	-10283 May 19 j 05:20	0°♓	
morning set	-10283 May 22 j 16:38	6°♓29'45	
superior conj	-10283 Jun 01 j 08:42	24°♓32'51	1°48'45
minimum elong	-10283 Jun 01 j 07:36	24°♓27'52	1°48'36
	-10283 Jun 04 j 09:33	0°♈	
max. Earth dist.	-10283 Jun 08 j 17:43	7°♈34'10	1.40560 AU
evening rise	-10283 Jun 13 j 17:44	15°♈57'58	
	-10283 Jun 22 j 13:18	0°♉	
desc. node	-10283 Jun 30 j 10:18	11°♉46'55	
	-10283 Jul 14 j 00:50	0°♊	
evening max el	-10283 Jul 17 j 23:12	4°♊19'35	23°00'56
retrograde	-10283 Jul 27 j 23:51	10°♊16'21	
evening set	-10283 Aug 01 j 21:18	8°♊13'08	
inferior conj	-10283 Aug 07 j 02:48	1°♊58'37	-1°06'16
minimum elong	-10283 Aug 07 j 04:10	1°♊53'55	1°05'16
min. Earth dist.	-10283 Aug 06 j 23:28	2°♊10'06	0.67252 AU
	-10283 Aug 08 j 13:37	30°℞♉	
asc. node	-10283 Aug 10 j 14:46	27°♉28'59	
morning rise	-10283 Aug 12 j 10:56	25°♉43'17	
direct	-10283 Aug 16 j 18:24	24°♉01'06	
morning max el	-10283 Aug 25 j 20:43	29°♉28'00	21°50'45
	-10283 Aug 26 j 09:00	0°♊	
	-10283 Sep 17 j 08:37	0°♋	
desc. node	-10283 Sep 26 j 08:31	13°♋56'03	
morning set	-10283 Sep 26 j 15:57	14°♋25'33	
max. Earth dist.	-10283 Oct 03 j 13:27	25°♋36'57	1.41787 AU
	-10283 Oct 06 j 04:22	0°♌	
superior conj	-10283 Oct 10 j 23:38	8°♌14'21	-1°20'31
minimum elong	-10283 Oct 10 j 19:23	7°♌55'50	1°19'39
evening rise	-10283 Oct 21 j 17:21	27°♌33'36	
	-10283 Oct 23 j 01:17	0°♍	
asc. node	-10283 Nov 06 j 13:42	23°♍03'41	
evening max el	-10283 Nov 07 j 01:45	23°♍34'29	18°10'03
retrograde	-10283 Nov 14 j 01:08	27°♍08'26	
evening set	-10283 Nov 16 j 14:10	26°♍40'34	
inferior conj	-10283 Nov 23 j 14:07	21°♍44'11	4°01'41
minimum elong	-10283 Nov 23 j 11:18	21°♍50'38	4°01'29
min. Earth dist.	-10283 Nov 26 j 15:07	18°♍58'18	0.60934 AU
morning rise	-10283 Nov 30 j 07:10	16°♍08'30	
direct	-10283 Dec 07 j 05:55	13°♍52'39	
morning max el	-10283 Dec 21 j 05:05	21°♍20'17	27°19'27
desc. node	-10283 Dec 23 j 09:40	23°♍33'49	
	-10283 Dec 28 j 20:41	0°♎	
	-10282 Jan 16 j 14:14	0°♏	
morning set	-10282 Jan 21 j 22:30	10°♏37'02	
max. Earth dist.	-10282 Jan 28 j 07:29	24°♏11'52	1.32826 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10282 Jan 29 j 01:58	25°♏52'34	-0°41'41
minimum elong	-10282 Jan 29 j 03:35	26°♏01'23	0°41'51
	-10282 Jan 30 j 23:20	0°♐	
asc. node	-10282 Feb 02 j 11:36	5°♐26'47	
evening rise	-10282 Feb 05 j 02:34	11°♐01'34	
	-10282 Feb 14 j 22:33	0°♑	
evening max el	-10282 Mar 04 j 04:10	23°♑28'51	25°23'16
	-10282 Mar 14 j 04:42	0°♒	
retrograde	-10282 Mar 18 j 05:19	0°♒38'08	
desc. node	-10282 Mar 21 j 10:09	0°♒13'47	
	-10282 Mar 22 j 05:38	30°℞♑	
evening set	-10282 Mar 23 j 09:57	29°♑34'46	
min. Earth dist.	-10282 Mar 28 j 17:16	26°♑38'24	0.57761 AU
inferior conj	-10282 Mar 31 j 19:08	24°♑29'43	-2°26'05
minimum elong	-10282 Mar 31 j 15:07	24°♑36'47	2°25'41
morning rise	-10282 Apr 08 j 23:29	20°♑10'45	
direct	-10282 Apr 11 j 06:50	19°♑54'16	
morning max el	-10282 Apr 19 j 19:48	23°♑56'44	18°56'03
	-10282 Apr 24 j 21:16	0°♒	
asc. node	-10282 May 01 j 11:01	10°♒54'27	
morning set	-10282 May 06 j 09:31	20°♒20'13	
	-10282 May 11 j 07:48	0°♓	
superior conj	-10282 May 15 j 02:47	7°♓19'10	1°39'34
minimum elong	-10282 May 15 j 00:09	7°♓06'34	1°39'05
max. Earth dist.	-10282 May 21 j 18:25	19°♓38'27	1.38677 AU
evening rise	-10282 May 25 j 19:36	26°♓46'31	
	-10282 May 27 j 16:49	0°♈	
	-10282 Jun 16 j 02:11	0°♉	
desc. node	-10282 Jun 17 j 07:43	1°♉42'29	
evening max el	-10282 Jun 30 j 09:47	17°♉40'33	24°22'43
retrograde	-10282 Jul 11 j 13:55	24°♉16'21	
evening set	-10282 Jul 17 j 02:20	21°♉52'51	
inferior conj	-10282 Jul 22 j 08:32	15°♉37'01	-1°51'29
minimum elong	-10282 Jul 22 j 10:40	15°♉29'51	1°50'23
min. Earth dist.	-10282 Jul 21 j 18:08	16°♉25'47	0.67079 AU
morning rise	-10282 Jul 27 j 18:57	9°♉29'04	
asc. node	-10282 Jul 28 j 11:41	9°♉00'59	
direct	-10282 Jul 31 j 14:57	8°♉04'44	
morning max el	-10282 Aug 08 j 16:54	12°♉51'04	20°35'35
	-10282 Aug 21 j 17:50	0°♊	
morning set	-10282 Sep 05 j 20:25	22°♊56'19	
	-10282 Sep 10 j 08:37	0°♋	
desc. node	-10282 Sep 13 j 05:31	4°♋33'16	
max. Earth dist.	-10282 Sep 15 j 22:32	8°♋53'53	1.43329 AU
superior conj	-10282 Sep 21 j 20:12	18°♋32'51	-0°50'46
minimum elong	-10282 Sep 21 j 15:42	18°♋14'13	0°49'41
	-10282 Sep 28 j 15:08	0°♌	
evening rise	-10282 Oct 04 j 08:31	9°♌55'37	
	-10282 Oct 16 j 06:24	0°♍	
evening max el	-10282 Oct 21 j 14:19	6°♍50'15	18°09'19
asc. node	-10282 Oct 24 j 10:57	9°♍11'18	
retrograde	-10282 Oct 28 j 05:55	10°♍22'45	
evening set	-10282 Oct 30 j 21:25	9°♍48'08	
inferior conj	-10282 Nov 06 j 10:14	4°♍31'32	3°29'10
minimum elong	-10282 Nov 06 j 06:32	4°♍41'05	3°28'40
min. Earth dist.	-10282 Nov 09 j 00:01	1°♍52'24	0.62691 AU
	-10282 Nov 10 j 23:33	30°℞♌	
morning rise	-10282 Nov 12 j 14:45	28°♌40'21	
direct	-10282 Nov 19 j 16:29	26°♌02'36	
	-10282 Nov 29 j 07:16	0°♍	
morning max el	-10282 Dec 03 j 10:45	3°♍35'37	27°35'54
desc. node	-10282 Dec 10 j 06:22	11°♍10'55	
	-10282 Dec 23 j 07:02	0°♎	
morning set	-10281 Jan 06 j 01:23	25°♎09'52	
	-10281 Jan 08 j 10:01	0°♏	
max. Earth dist.	-10281 Jan 11 j 16:55	6°♏56'10	1.33208 AU
superior conj	-10281 Jan 13 j 12:09	10°♏48'31	-1°01'55
minimum elong	-10281 Jan 13 j 14:17	11°♏00'01	1°01'55
asc. node	-10281 Jan 20 j 08:49	25°♏33'38	
evening rise	-10281 Jan 20 j 13:51	26°♏00'09	
	-10281 Jan 22 j 12:06	0°♐	
	-10281 Feb 09 j 18:37	0°♑	
evening max el	-10281 Feb 13 j 21:19	4°♑22'47	23°54'19
retrograde	-10281 Feb 27 j 12:29	11°♑07'12	
evening set	-10281 Mar 03 j 13:51	10°♑30'44	
desc. node	-10281 Mar 08 j 07:11	8°♑28'14	
min. Earth dist.	-10281 Mar 10 j 10:06	7°♑14'28	0.56267 AU
inferior conj	-10281 Mar 12 j 13:11	5°♑55'59	-1°04'56
minimum elong	-10281 Mar 12 j 10:38	5°♑59'55	1°04'45
morning rise	-10281 Mar 21 j 10:15	1°♑51'08	
direct	-10281 Mar 23 j 15:25	1°♑38'20	
morning max el	-10281 Apr 02 j 16:50	6°♑22'16	19°52'28
asc. node	-10281 Apr 18 j 07:56	0°♒26'42	
	-10281 Apr 18 j 02:30	0°♒	
morning set	-10281 Apr 20 j 10:56	4°♒40'36	
superior conj	-10281 Apr 28 j 11:46	20°♒53'30	1°23'40
minimum elong	-10281 Apr 28 j 08:47	20°♒38'39	1°22'53
	-10281 May 03 j 03:56	0°♓	
max. Earth dist.	-10281 May 03 j 20:55	1°♓20'38	1.36893 AU
evening rise	-10281 May 07 j 22:18	8°♓51'36	
	-10281 May 20 j 10:29	0°♈	
desc. node	-10281 Jun 04 j 05:08	21°♈10'47	
	-10281 Jun 11 j 18:27	0°♉	
evening max el	-10281 Jun 12 j 19:23	1°♉03'17	25°38'20
retrograde	-10281 Jun 24 j 23:54	8°♉09'38	
evening set	-10281 Jul 01 j 02:39	5°♉30'10	
min. Earth dist.	-10281 Jul 05 j 09:17	0°♉41'36	0.66564 AU
	-10281 Jul 05 j 22:09	30°℞♈	
inferior conj	-10281 Jul 06 j 11:54	29°♈15'17	-2°31'20
minimum elong	-10281 Jul 06 j 14:26	29°♈07'03	2°30'23
morning rise	-10281 Jul 12 j 02:17	23°♈17'45	
asc. node	-10281 Jul 15 j 08:35	22°♈09'16	
direct	-10281 Jul 15 j 12:49	22°♈09'06	
morning max el	-10281 Jul 22 j 19:42	26°♈21'17	19°32'40
	-10281 Jul 25 j 23:38	0°♉	
	-10281 Aug 15 j 02:06	0°♊	
morning set	-10281 Aug 16 j 01:23	1°♊31'08	
max. Earth dist.	-10281 Aug 29 j 12:34	22°♊42'55	1.44309 AU
desc. node	-10281 Aug 31 j 02:35	25°♊14'00	
superior conj	-10281 Sep 01 j 13:25	27°♊32'57	-0°08'48
minimum elong	-10281 Sep 01 j 12:26	27°♊29'03	0°08'05
behind sun begin	-10281 Sep 01 j 02:42	26°♊50'08	
behind sun end	-10281 Sep 01 j 22:11	28°♊08'00	
	-10281 Sep 03 j 02:09	0°♋	
evening rise	-10281 Sep 16 j 02:49	21°♋18'31	
	-10281 Sep 21 j 08:05	0°♌	
evening max el	-10281 Oct 05 j 03:41	20°♌14'34	18°27'03
asc. node	-10281 Oct 11 j 08:09	23°♌53'23	
retrograde	-10281 Oct 11 j 19:04	23°♌54'30	
evening set	-10281 Oct 14 j 15:12	23°♌10'39	
inferior conj	-10281 Oct 20 j 18:25	17°♌36'46	2°45'46
minimum elong	-10281 Oct 20 j 14:57	17°♌46'41	2°45'10
min. Earth dist.	-10281 Oct 22 j 19:06	15°♌17'44	0.64202 AU
morning rise	-10281 Oct 26 j 14:03	11°♌33'14	
direct	-10281 Nov 02 j 10:15	8°♌47'21	
morning max el	-10281 Nov 15 j 19:53	16°♌21'18	27°18'10
desc. node	-10281 Nov 27 j 03:02	29°♌47'18	
	-10281 Nov 27 j 06:45	0°♍	
	-10281 Dec 15 j 23:28	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10281 Dec 20 j 20:07	9°♎13'46	
max. Earth dist.	-10281 Dec 25 j 18:37	19°♎11'27	1.33979 AU
superior conj	-10281 Dec 28 j 18:55	25°♎30'12	-1°19'18
minimum elong	-10281 Dec 28 j 21:10	25°♎42'09	1°19'14
	-10281 Dec 30 j 21:40	0°♏	
evening rise	-10280 Jan 05 j 00:43	10°♏52'37	
asc. node	-10280 Jan 07 j 06:03	15°♏27'28	
	-10280 Jan 15 j 01:15	0°♐	
evening max el	-10280 Jan 26 j 15:59	15°♐15'48	22°20'34
retrograde	-10280 Feb 08 j 08:05	21°♐20'06	
evening set	-10280 Feb 11 j 11:32	20°♐58'22	
min. Earth dist.	-10280 Feb 20 j 01:19	17°♐09'29	0.55477 AU
inferior conj	-10280 Feb 20 j 15:24	16°♐49'20	0°39'39
minimum elong	-10280 Feb 20 j 17:07	16°♐46'53	0°38'32
desc. node	-10280 Feb 23 j 04:09	15°♐24'11	
morning rise	-10280 Feb 29 j 23:39	12°♐46'06	
direct	-10280 Mar 03 j 09:32	12°♐32'39	
morning max el	-10280 Mar 15 j 03:08	18°♐08'19	21°07'48
	-10280 Mar 24 j 08:56	0°♑	
morning set	-10280 Apr 03 j 18:08	19°♑22'46	
asc. node	-10280 Apr 04 j 04:52	20°♑17'57	
	-10280 Apr 08 j 20:49	0°♒	
superior conj	-10280 Apr 11 j 07:21	5°♒03'08	1°03'34
minimum elong	-10280 Apr 11 j 04:47	4°♒49'54	1°02'39
max. Earth dist.	-10280 Apr 15 j 07:23	13°♒09'36	1.35385 AU
evening rise	-10280 Apr 19 j 20:10	21°♒57'28	
	-10280 Apr 24 j 05:02	0°♓	
	-10280 May 13 j 04:20	0°♈	
desc. node	-10280 May 21 j 02:31	10°♈00'27	
evening max el	-10280 May 25 j 05:53	14°♈25'29	26°39'11
retrograde	-10280 Jun 07 j 05:11	21°♈50'08	
evening set	-10280 Jun 13 j 19:57	19°♈02'44	
min. Earth dist.	-10280 Jun 17 j 18:48	14°♈53'08	0.65673 AU
inferior conj	-10280 Jun 19 j 10:55	12°♈51'10	-3°04'02
minimum elong	-10280 Jun 19 j 13:24	12°♈43'37	3°03'27
morning rise	-10280 Jun 25 j 07:04	7°♈06'55	
direct	-10280 Jun 28 j 10:10	6°♈11'31	
asc. node	-10280 Jul 01 j 05:26	6°♈54'02	
morning max el	-10280 Jul 05 j 04:14	9°♈57'42	18°44'59
	-10280 Jul 19 j 05:36	0°♉	
morning set	-10280 Jul 26 j 01:06	10°♉59'37	
	-10280 Aug 06 j 22:06	0°♊	
superior conj	-10280 Aug 10 j 14:03	5°♊48'15	0°37'52
minimum elong	-10280 Aug 10 j 18:36	6°♊06'16	0°37'50
max. Earth dist.	-10280 Aug 11 j 05:06	6°♊47'47	1.44614 AU
desc. node	-10280 Aug 16 j 23:45	15°♊55'40	
	-10280 Aug 25 j 20:35	0°♋	
evening rise	-10280 Aug 26 j 19:18	1°♋30'32	
	-10280 Sep 14 j 10:37	0°♌	
evening max el	-10280 Sep 17 j 15:07	3°♌43'13	19°02'06
retrograde	-10280 Sep 24 j 13:13	7°♌38'51	
asc. node	-10280 Sep 27 j 05:19	6°♌57'54	
evening set	-10280 Sep 27 j 16:19	6°♌42'42	
inferior conj	-10280 Oct 03 j 11:33	0°♌54'35	1°56'26
minimum elong	-10280 Oct 03 j 08:57	1°♌02'40	1°56'02
	-10280 Oct 04 j 05:08	30°℞♋	
min. Earth dist.	-10280 Oct 04 j 23:23	29°♋03'42	0.65414 AU
morning rise	-10280 Oct 09 j 01:10	24°♋42'08	
direct	-10280 Oct 15 j 10:27	22°♋00'16	
morning max el	-10280 Oct 28 j 05:55	29°♋25'37	26°31'16
	-10280 Oct 28 j 19:36	0°♌	
desc. node	-10280 Nov 12 j 23:45	19°♌05'51	
	-10280 Nov 20 j 03:10	0°♍	
morning set	-10280 Dec 03 j 03:03	22°♍37'16	
	-10280 Dec 06 j 22:55	0°♎	
max. Earth dist.	-10280 Dec 07 j 09:41	0°♎53'04	1.35182 AU
superior conj	-10280 Dec 11 j 20:02	9°♎50'23	-1°32'41
minimum elong	-10280 Dec 11 j 21:54	9°♎59'57	1°32'35
evening rise	-10280 Dec 19 j 09:28	25°♎33'26	
	-10280 Dec 21 j 13:47	0°♏	
asc. node	-10280 Dec 24 j 03:19	5°♏02'37	
evening max el	-10279 Jan 07 j 17:28	26°♏30'01	20°54'06
	-10279 Jan 12 j 10:26	0°♐	
retrograde	-10279 Jan 18 j 22:05	1°♐45'40	
evening set	-10279 Jan 21 j 14:35	1°♐28'39	
	-10279 Jan 25 j 21:19	30°℞♏	
inferior conj	-10279 Jan 30 j 12:29	27°♏30'17	2°22'48
minimum elong	-10279 Jan 30 j 17:51	27°♏22'31	2°20'51
min. Earth dist.	-10279 Jan 31 j 15:26	26°♏51'17	0.55563 AU
morning rise	-10279 Feb 08 j 19:54	23°♏13'17	
desc. node	-10279 Feb 09 j 01:04	23°♏10'25	
direct	-10279 Feb 12 j 00:24	22°♏50'56	
morning max el	-10279 Feb 25 j 02:26	29°♏14'56	22°38'21
	-10279 Feb 25 j 20:53	0°♐	
	-10279 Mar 17 j 02:24	0°♑	
morning set	-10279 Mar 19 j 04:52	4°♑19'23	
asc. node	-10279 Mar 22 j 01:50	10°♑22'31	
superior conj	-10279 Mar 26 j 10:18	19°♑37'44	0°41'04
minimum elong	-10279 Mar 26 j 08:33	19°♑28'33	0°40'11
max. Earth dist.	-10279 Mar 29 j 04:19	25°♑23'46	1.34226 AU
	-10279 Mar 31 j 10:10	0°♒	
evening rise	-10279 Apr 03 j 07:53	5°♒47'43	
	-10279 Apr 16 j 21:07	0°♓	
evening max el	-10279 May 07 j 16:52	27°♓37'43	27°17'09
desc. node	-10279 May 07 j 23:54	27°♓54'44	
	-10279 May 10 j 07:15	0°♈	
retrograde	-10279 May 21 j 04:55	5°♈09'24	
evening set	-10279 May 28 j 03:21	2°♈25'20	
	-10279 May 30 j 18:45	30°℞♓	
min. Earth dist.	-10279 May 31 j 20:34	28°♓51'45	0.64392 AU
inferior conj	-10279 Jun 03 j 03:09	26°♓19'48	-3°27'16
minimum elong	-10279 Jun 03 j 04:58	26°♓14'44	3°27'10
morning rise	-10279 Jun 09 j 07:08	20°♓51'32	
direct	-10279 Jun 12 j 04:34	20°♓07'15	
asc. node	-10279 Jun 18 j 02:15	23°♓01'39	
morning max el	-10279 Jun 18 j 16:37	23°♓36'24	18°14'15
	-10279 Jun 23 j 19:18	0°♈	
morning set	-10279 Jul 07 j 02:19	21°♈39'20	
	-10279 Jul 12 j 01:48	0°♉	
superior conj	-10279 Jul 20 j 19:43	14°♉19'50	1°17'12
minimum elong	-10279 Jul 21 j 02:15	14°♉46'13	1°16'57
max. Earth dist.	-10279 Jul 24 j 21:22	20°♉51'09	1.44210 AU
	-10279 Jul 30 j 16:10	0°♊	
desc. node	-10279 Aug 03 j 21:00	6°♊34'43	
evening rise	-10279 Aug 06 j 09:50	10°♊31'35	
greatest brilliancy	-10279 Aug 18 j 20:50	29°♊39'50	-0.7m
	-10279 Aug 19 j 02:12	0°♋	
evening max el	-10279 Aug 31 j 22:06	17°♋11'50	19°53'09
retrograde	-10279 Sep 08 j 09:38	21°♋31'57	
evening set	-10279 Sep 11 j 22:03	20°♋20'07	
asc. node	-10279 Sep 14 j 02:26	18°♋25'57	
inferior conj	-10279 Sep 17 j 11:03	14°♋20'47	1°04'30
minimum elong	-10279 Sep 17 j 09:34	14°♋25'37	1°04'29
min. Earth dist.	-10279 Sep 18 j 11:00	13°♋02'10	0.66312 AU
morning rise	-10279 Sep 22 j 20:50	8°♋02'55	
direct	-10279 Sep 28 j 16:16	5°♋33'44	
morning max el	-10279 Oct 10 j 15:31	12°♋38'15	25°23'01
	-10279 Oct 24 j 17:48	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10279 Oct 30 j 20:30	8°♌54'23	
	-10279 Nov 12 j 20:10	0°♍	
morning set	-10279 Nov 15 j 17:34	5°♍07'11	
max. Earth dist.	-10279 Nov 19 j 14:23	12°♍13'26	1.36802 AU
superior conj	-10279 Nov 25 j 12:42	23°♍40'33	-1°40'34
minimum elong	-10279 Nov 25 j 13:30	23°♍44'33	1°40'25
	-10279 Nov 28 j 16:27	0°♎	
evening rise	-10279 Dec 03 j 14:18	9°♎57'12	
asc. node	-10279 Dec 11 j 00:38	24°♎12'10	
	-10279 Dec 14 j 13:04	0°♏	
evening max el	-10279 Dec 21 j 04:43	8°♏16'52	19°42'57
retrograde	-10279 Dec 30 j 19:07	12°♏48'26	
evening set	-10278 Jan 02 j 08:09	12°♏30'51	
inferior conj	-10278 Jan 10 j 17:51	8°♏25'39	3°37'16
minimum elong	-10278 Jan 10 j 22:48	8°♏17'45	3°36'04
min. Earth dist.	-10278 Jan 13 j 04:56	6°♏52'01	0.56480 AU
morning rise	-10278 Jan 19 j 11:22	3°♏45'03	
direct	-10278 Jan 23 j 22:12	3°♏00'38	
desc. node	-10278 Jan 26 j 21:54	3°♏21'08	
morning max el	-10278 Feb 06 j 18:26	9°♏57'40	24°15'37
	-10278 Feb 21 j 15:08	0°♐	
morning set	-10278 Mar 03 j 17:18	19°♐24'13	
asc. node	-10278 Mar 08 j 22:54	0°♑36'01	
	-10278 Mar 08 j 16:14	0°♑	
superior conj	-10278 Mar 10 j 18:11	4°♑29'46	0°17'31
minimum elong	-10278 Mar 10 j 17:27	4°♑25'49	0°16'47
max. Earth dist.	-10278 Mar 12 j 10:20	8°♑05'16	1.33412 AU
evening rise	-10278 Mar 18 j 05:26	20°♑09'46	
	-10278 Mar 23 j 06:43	0°♒	
	-10278 Apr 11 j 00:34	0°♓	
evening max el	-10278 Apr 20 j 02:20	10°♓28'13	27°25'49
desc. node	-10278 Apr 24 j 21:13	14°♓31'08	
retrograde	-10278 May 03 j 22:27	17°♓59'55	
evening set	-10278 May 10 j 21:36	15°♓32'11	
min. Earth dist.	-10278 May 14 j 13:13	12°♓26'47	0.62747 AU
inferior conj	-10278 May 17 j 09:48	9°♓35'58	-3°37'39
minimum elong	-10278 May 17 j 10:13	9°♓34'56	3°37'54
morning rise	-10278 May 23 j 24:00	4°♓26'11	
direct	-10278 May 26 j 17:01	3°♓51'22	
morning max el	-10278 Jun 02 j 06:38	7°♓13'34	18°01'28
asc. node	-10278 Jun 04 j 23:05	10°♓16'45	
	-10278 Jun 17 j 04:30	0°♈	
morning set	-10278 Jun 19 j 03:17	3°♈26'33	
superior conj	-10278 Jul 01 j 00:17	23°♈59'23	1°41'16
minimum elong	-10278 Jul 01 j 04:17	24°♈16'12	1°41'14
	-10278 Jul 04 j 15:01	0°♉	
max. Earth dist.	-10278 Jul 07 j 10:22	4°♉35'19	1.43155 AU
evening rise	-10278 Jul 16 j 10:40	18°♉55'03	
desc. node	-10278 Jul 21 j 18:20	27°♉07'47	
	-10278 Jul 23 j 15:34	0°♊	
	-10278 Aug 14 j 08:19	0°♋	
evening max el	-10278 Aug 14 j 22:44	0°♋37'34	20°58'15
retrograde	-10278 Aug 23 j 06:16	5°♋30'58	
evening set	-10278 Aug 27 j 06:08	4°♋00'30	
	-10278 Aug 31 j 00:42	30°℞♊	
asc. node	-10278 Aug 31 j 23:30	28°♊44'23	
inferior conj	-10278 Sep 01 j 14:41	27°♊52'51	0°12'16
minimum elong	-10278 Sep 01 j 14:24	27°♊53'50	0°12'44
transit middle	-10278 Sep 01 j 14:24	27°♊53'50	0°12'44
transit begin	-10278 Sep 01 j 12:41	27°♊59'40	
transit end	-10278 Sep 01 j 16:07	27°♊48'00	
min. Earth dist.	-10278 Sep 02 j 03:44	27°♊08'26	0.66904 AU
morning rise	-10278 Sep 06 j 22:31	21°♊33'06	
direct	-10278 Sep 12 j 03:16	19°♊21'23	
morning max el	-10278 Sep 23 j 01:15	25°♊53'35	24°02'16
	-10278 Sep 26 j 19:20	0°♋	
desc. node	-10278 Oct 17 j 17:19	29°♋03'57	
	-10278 Oct 18 j 07:43	0°♌	
morning set	-10278 Oct 28 j 10:08	16°♌28'49	
max. Earth dist.	-10278 Nov 01 j 13:13	23°♌40'18	1.38724 AU
	-10278 Nov 05 j 01:19	0°♍	
superior conj	-10278 Nov 08 j 17:05	6°♍49'18	-1°40'59
minimum elong	-10278 Nov 08 j 16:08	6°♍44'47	1°40'40
evening rise	-10278 Nov 17 j 12:54	23°♍57'20	
	-10278 Nov 20 j 15:45	0°♎	
asc. node	-10278 Nov 27 j 21:57	12°♎46'54	
evening max el	-10278 Dec 04 j 01:50	20°♎36'26	18°50'55
retrograde	-10278 Dec 12 j 08:22	24°♎35'43	
evening set	-10278 Dec 14 j 20:21	24°♎15'20	
inferior conj	-10278 Dec 22 j 16:23	19°♎52'44	4°12'09
minimum elong	-10278 Dec 22 j 18:00	19°♎49'47	4°11'56
min. Earth dist.	-10278 Dec 25 j 19:49	17°♎35'39	0.58010 AU
morning rise	-10278 Dec 30 j 13:37	14°♎47'27	
direct	-10277 Jan 05 j 07:26	13°♎28'05	
desc. node	-10277 Jan 13 j 18:41	16°♎13'42	
morning max el	-10277 Jan 19 j 09:43	20°♎43'14	25°45'53
	-10277 Jan 27 j 10:20	0°♏	
	-10277 Feb 14 j 01:26	0°♐	
morning set	-10277 Feb 16 j 05:32	4°♐29'11	
superior conj	-10277 Feb 23 j 04:55	19°♐30'52	-0°06'10
minimum elong	-10277 Feb 23 j 05:12	19°♐32'24	0°06'40
behind sun begin	-10277 Feb 23 j 00:37	19°♐07'27	
behind sun end	-10277 Feb 23 j 09:46	19°♐57'20	
asc. node	-10277 Feb 23 j 20:01	20°♐53'06	
max. Earth dist.	-10277 Feb 23 j 21:54	21°♐03'19	1.32924 AU
	-10277 Feb 28 j 01:42	0°♑	
evening rise	-10277 Mar 02 j 09:35	4°♑51'47	
	-10277 Mar 16 j 00:13	0°♒	
evening max el	-10277 Apr 02 j 07:40	22°♒44'43	27°02'00
desc. node	-10277 Apr 11 j 18:28	29°♒18'24	
	-10277 Apr 14 j 04:08	0°♓	
retrograde	-10277 Apr 16 j 08:52	0°♓12'44	
	-10277 Apr 18 j 12:43	30°℞♒	
evening set	-10277 Apr 22 j 23:13	28°♒13'40	
min. Earth dist.	-10277 Apr 26 j 20:42	25°♒23'28	0.60822 AU
inferior conj	-10277 Apr 30 j 03:24	22°♒31'28	-3°30'12
minimum elong	-10277 Apr 30 j 01:48	22°♒34'59	3°30'27
morning rise	-10277 May 07 j 06:28	17°♒41'49	
direct	-10277 May 09 j 19:37	17°♒15'16	
morning max el	-10277 May 16 j 19:39	20°♒42'18	18°07'25
asc. node	-10277 May 22 j 19:56	28°♒24'18	
	-10277 May 23 j 20:13	0°♓	
morning set	-10277 Jun 01 j 23:19	16°♓10'09	
	-10277 Jun 09 j 12:39	0°♈	
superior conj	-10277 Jun 12 j 08:05	5°♈00'27	1°49'43
minimum elong	-10277 Jun 12 j 08:33	5°♈02'28	1°49'42
max. Earth dist.	-10277 Jun 19 j 17:26	17°♈42'34	1.41595 AU
evening rise	-10277 Jun 25 j 19:58	27°♈43'01	
	-10277 Jun 27 j 06:15	0°♉	
desc. node	-10277 Jul 08 j 15:42	17°♉30'44	
	-10277 Jul 17 j 08:31	0°♊	
evening max el	-10277 Jul 28 j 16:27	13°♊59'27	22°14'14
retrograde	-10277 Aug 07 j 01:23	19°♊33'01	
evening set	-10277 Aug 11 j 14:31	17°♊41'53	
inferior conj	-10277 Aug 16 j 20:33	11°♊28'55	-0°38'25
minimum elong	-10277 Aug 16 j 21:21	11°♊26'07	0°37'33
min. Earth dist.	-10277 Aug 16 j 23:12	11°♊19'45	0.67204 AU
asc. node	-10277 Aug 18 j 20:31	8°♊46'33	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10277 Aug 22 j 04:06	5°♊10'50	
direct	-10277 Aug 26 j 18:48	3°♊18'03	
morning max el	-10277 Sep 05 j 13:06	9°♊10'06	22°37'52
	-10277 Sep 21 j 17:06	0°♋	
desc. node	-10277 Oct 04 j 14:12	19°♋28'10	
morning set	-10277 Oct 09 j 00:17	26°♋32'52	
	-10277 Oct 11 j 02:52	0°♌	
max. Earth dist.	-10277 Oct 14 j 12:36	5°♌41'43	1.40713 AU
superior conj	-10277 Oct 22 j 04:15	19°♌03'27	-1°31'29
minimum elong	-10277 Oct 22 j 01:06	18°♌49'15	1°30'51
	-10277 Oct 28 j 03:18	0°♍	
evening rise	-10277 Nov 01 j 02:24	7°♍26'45	
	-10277 Nov 14 j 08:05	0°♎	
asc. node	-10277 Nov 14 j 19:15	0°♎35'46	
evening max el	-10277 Nov 17 j 07:10	3°♎24'03	18°19'13
retrograde	-10277 Nov 24 j 15:17	7°♎03'54	
evening set	-10277 Nov 27 j 03:28	6°♎39'18	
inferior conj	-10277 Dec 04 j 10:27	1°♎55'36	4°12'45
minimum elong	-10277 Dec 04 j 08:49	1°♎59'02	4°12'42
	-10277 Dec 06 j 16:59	30°℞♍	
min. Earth dist.	-10277 Dec 07 j 15:29	29°♍13'47	0.59851 AU
morning rise	-10277 Dec 11 j 12:34	26°♍29'40	
direct	-10277 Dec 18 j 04:17	24°♍32'05	
	-10277 Dec 30 j 02:04	0°♎	
desc. node	-10277 Dec 31 j 15:26	1°♎23'12	
morning max el	-10276 Jan 01 j 05:43	1°♎56'59	26°54'11
	-10276 Jan 21 j 13:01	0°♏	
morning set	-10276 Jan 31 j 15:45	19°♏27'27	
	-10276 Feb 05 j 14:21	0°♐	
superior conj	-10276 Feb 07 j 16:44	4°♐34'46	-0°29'06
minimum elong	-10276 Feb 07 j 17:55	4°♐41'14	0°29'23
max. Earth dist.	-10276 Feb 07 j 11:23	4°♐05'29	1.32762 AU
asc. node	-10276 Feb 10 j 17:10	11°♐09'29	
evening rise	-10276 Feb 14 j 17:59	19°♐45'34	
	-10276 Feb 19 j 20:17	0°♑	
	-10276 Mar 10 j 04:08	0°♒	
evening max el	-10276 Mar 14 j 07:27	4°♒22'51	26°06'49
retrograde	-10276 Mar 28 j 10:36	11°♒41'58	
desc. node	-10276 Mar 28 j 15:38	11°♒41'51	
evening set	-10276 Apr 03 j 05:40	10°♒18'48	
min. Earth dist.	-10276 Apr 07 j 20:42	7°♒28'22	0.58821 AU
inferior conj	-10276 Apr 11 j 04:17	4°♒57'31	-2°58'14
minimum elong	-10276 Apr 11 j 00:45	5°♒04'16	2°58'05
morning rise	-10276 Apr 18 j 22:52	0°♒28'01	
direct	-10276 Apr 21 j 08:07	0°♒08'26	
morning max el	-10276 Apr 29 j 04:46	3°♒54'02	18°32'38
asc. node	-10276 May 08 j 16:47	17°♒12'02	
morning set	-10276 May 15 j 09:44	29°♒39'01	
	-10276 May 15 j 14:07	0°♓	
superior conj	-10276 May 24 j 15:15	17°♓12'40	1°45'52
minimum elong	-10276 May 24 j 13:20	17°♓03'44	1°45'35
	-10276 May 31 j 17:34	0°♈	
max. Earth dist.	-10276 May 31 j 18:56	0°♈05'55	1.39756 AU
evening rise	-10276 Jun 05 j 05:55	7°♈43'52	
	-10276 Jun 19 j 07:22	0°♉	
desc. node	-10276 Jun 24 j 13:05	7°♉38'15	
evening max el	-10276 Jul 10 j 04:49	27°♉19'54	23°35'58
	-10276 Jul 13 j 02:14	0°♊	
retrograde	-10276 Jul 20 j 17:39	3°♊34'38	
evening set	-10276 Jul 25 j 21:18	1°♊22'38	
	-10276 Jul 27 j 07:02	30°℞♉	
inferior conj	-10276 Jul 31 j 02:49	25°♉07'04	-1°26'03
minimum elong	-10276 Jul 31 j 04:32	25°♉01'10	1°24'58
min. Earth dist.	-10276 Jul 30 j 18:54	25°♉34'15	0.67213 AU
asc. node	-10276 Aug 04 j 17:28	19°♉32'41	
morning rise	-10276 Aug 05 j 11:42	18°♉54'13	
direct	-10276 Aug 09 j 13:59	17°♉19'52	
morning max el	-10276 Aug 18 j 05:34	22°♉29'30	21°17'27
	-10276 Aug 24 j 12:51	0°♊	
	-10276 Sep 14 j 01:41	0°♋	
morning set	-10276 Sep 17 j 13:30	5°♋26'28	
desc. node	-10276 Sep 20 j 11:07	10°♋01'36	
max. Earth dist.	-10276 Sep 25 j 17:15	18°♋30'11	1.42498 AU
superior conj	-10276 Oct 02 j 16:20	0°♌07'30	-1°09'34
minimum elong	-10276 Oct 02 j 11:37	29°♋47'25	1°08'33
	-10276 Oct 02 j 14:34	0°♌	
evening rise	-10276 Oct 14 j 02:58	20°♌15'50	
	-10276 Oct 19 j 13:42	0°♍	
evening max el	-10276 Oct 30 j 17:59	16°♍31'41	18°07'28
asc. node	-10276 Oct 31 j 16:31	17°♍24'44	
retrograde	-10276 Nov 06 j 13:03	20°♍03'40	
evening set	-10276 Nov 09 j 02:54	19°♍33'14	
inferior conj	-10276 Nov 15 j 21:58	14°♍28'18	3°49'36
minimum elong	-10276 Nov 15 j 18:36	14°♍36'25	3°49'15
min. Earth dist.	-10276 Nov 18 j 18:51	11°♍42'56	0.61708 AU
morning rise	-10276 Nov 22 j 09:11	8°♍45'41	
direct	-10276 Nov 29 j 10:37	6°♍18'24	
morning max el	-10276 Dec 13 j 07:56	13°♍49'09	27°30'41
desc. node	-10276 Dec 17 j 12:09	18°♍14'48	
	-10276 Dec 26 j 11:25	0°♎	
	-10275 Jan 12 j 20:06	0°♏	
morning set	-10275 Jan 14 j 21:57	4°♏11'37	
max. Earth dist.	-10275 Jan 20 j 23:13	16°♏59'18	1.32938 AU
superior conj	-10275 Jan 22 j 04:00	19°♏35'24	-0°50'33
minimum elong	-10275 Jan 22 j 05:53	19°♏45'35	0°50'39
	-10275 Jan 26 j 23:12	0°♐	
asc. node	-10275 Jan 27 j 14:21	1°♐21'07	
evening rise	-10275 Jan 29 j 04:42	4°♐44'13	
	-10275 Feb 11 j 20:25	0°♑	
evening max el	-10275 Feb 24 j 02:23	15°♑29'11	24°47'02
retrograde	-10275 Mar 10 j 01:03	22°♑29'37	
evening set	-10275 Mar 14 j 17:39	21°♑39'25	
desc. node	-10275 Mar 15 j 12:45	21°♑21'28	
min. Earth dist.	-10275 Mar 20 j 15:43	18°♑35'44	0.57050 AU
inferior conj	-10275 Mar 23 j 09:44	16°♑47'02	-1°55'28
minimum elong	-10275 Mar 23 j 05:56	16°♑53'21	1°55'02
morning rise	-10275 Mar 31 j 21:23	12°♑34'45	
direct	-10275 Apr 03 j 03:16	12°♑20'15	
morning max el	-10275 Apr 12 j 06:59	16°♑39'15	19°17'38
	-10275 Apr 22 j 00:03	0°♒	
asc. node	-10275 Apr 25 j 13:39	6°♒30'32	
morning set	-10275 Apr 29 j 06:40	13°♒43'38	
	-10275 May 07 j 11:53	0°♓	
superior conj	-10275 May 07 j 16:17	0°♓21'21	1°33'28
minimum elong	-10275 May 07 j 13:22	0°♓07'12	1°32'52
max. Earth dist.	-10275 May 13 j 19:34	11°♓57'49	1.37893 AU
evening rise	-10275 May 17 j 19:04	19°♓07'34	
	-10275 May 24 j 04:01	0°♈	
desc. node	-10275 Jun 11 j 10:29	27°♈23'46	
	-10275 Jun 13 j 09:54	0°♉	
evening max el	-10275 Jun 22 j 14:52	10°♉42'49	24°56'10
retrograde	-10275 Jul 04 j 06:01	17°♉32'42	
evening set	-10275 Jul 10 j 00:35	15°♉02'00	
min. Earth dist.	-10275 Jul 14 j 12:27	9°♉50'51	0.66906 AU
inferior conj	-10275 Jul 15 j 07:48	8°♉46'23	-2°09'08
minimum elong	-10275 Jul 15 j 10:09	8°♉38'34	2°08'04
morning rise	-10275 Jul 20 j 19:41	2°♉42'13	
asc. node	-10275 Jul 22 j 14:21	1°♉44'55	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10275 Jul 24 j 11:27	1°♉24'39	
morning max el	-10275 Aug 01 j 04:28	5°♉55'31	20°07'01
	-10275 Aug 18 j 15:32	0°♊	
morning set	-10275 Aug 27 j 15:28	13°♊51'29	
	-10275 Sep 06 j 21:54	0°♋	
desc. node	-10275 Sep 07 j 08:08	0°♋40'45	
max. Earth dist.	-10275 Sep 08 j 04:35	2°♋02'25	1.43833 AU
superior conj	-10275 Sep 13 j 00:56	9°♋51'42	-0°34'11
minimum elong	-10275 Sep 12 j 21:26	9°♋37'28	0°33'09
	-10275 Sep 25 j 02:31	0°♌	
evening rise	-10275 Sep 26 j 09:53	2°♌14'00	
	-10275 Oct 14 j 10:28	0°♍	
evening max el	-10275 Oct 14 j 07:17	29°♌51'59	18°14'41
asc. node	-10275 Oct 18 j 13:45	2°♍57'54	
retrograde	-10275 Oct 20 j 21:43	3°♍26'10	
evening set	-10275 Oct 23 j 15:03	2°♍47'49	
	-10275 Oct 27 j 10:54	30°℞♌	
inferior conj	-10275 Oct 29 j 23:35	27°♌23'33	3°11'43
minimum elong	-10275 Oct 29 j 19:53	27°♌33'34	3°11'07
min. Earth dist.	-10275 Nov 01 j 07:52	24°♌51'49	0.63378 AU
morning rise	-10275 Nov 04 j 23:57	21°♌27'02	
direct	-10275 Nov 12 j 00:23	18°♌44'08	
morning max el	-10275 Nov 25 j 15:08	26°♌17'35	27°32'15
	-10275 Nov 29 j 03:48	0°♍	
desc. node	-10275 Dec 04 j 08:49	6°♍19'23	
	-10275 Dec 19 j 22:51	0°♎	
morning set	-10275 Dec 29 j 21:41	18°♎32'53	
max. Earth dist.	-10274 Jan 04 j 05:43	29°♎31'55	1.33486 AU
	-10274 Jan 04 j 11:02	0°♏	
superior conj	-10274 Jan 06 j 12:58	4°♏26'00	-1°09'42
minimum elong	-10274 Jan 06 j 15:12	4°♏38'00	1°09'40
evening rise	-10274 Jan 13 j 16:00	19°♏40'56	
asc. node	-10274 Jan 14 j 11:35	21°♏23'09	
	-10274 Jan 18 j 18:37	0°♐	
evening max el	-10274 Feb 05 j 19:39	26°♐20'07	23°14'19
	-10274 Feb 10 j 10:30	0°♑	
retrograde	-10274 Feb 19 j 02:25	2°♑48'25	
evening set	-10274 Feb 22 j 17:27	2°♑19'40	
	-10274 Feb 28 j 07:21	30°℞♐	
desc. node	-10274 Mar 02 j 09:47	28°♐48'26	
min. Earth dist.	-10274 Mar 02 j 07:38	28°♐51'35	0.55830 AU
inferior conj	-10274 Mar 03 j 20:10	27°♐57'40	-0°22'18
minimum elong	-10274 Mar 03 j 19:12	27°♐59'06	0°22'35
morning rise	-10274 Mar 12 j 23:01	23°♐55'13	
direct	-10274 Mar 15 j 05:09	23°♐42'42	
morning max el	-10274 Mar 25 j 23:31	28°♐47'56	20°22'20
	-10274 Mar 27 j 04:30	0°♑	
asc. node	-10274 Apr 12 j 10:33	26°♑11'32	
morning set	-10274 Apr 13 j 10:51	28°♑14'21	
	-10274 Apr 14 j 07:37	0°♒	
superior conj	-10274 Apr 21 j 06:12	14°♒11'45	1°15'32
minimum elong	-10274 Apr 21 j 03:19	13°♒57'12	1°14'41
max. Earth dist.	-10274 Apr 26 j 01:18	23°♒41'23	1.36214 AU
	-10274 Apr 29 j 08:59	0°♓	
evening rise	-10274 Apr 30 j 06:38	1°♓40'26	
	-10274 May 17 j 05:23	0°♈	
desc. node	-10274 May 29 j 07:54	16°♈37'14	
evening max el	-10274 Jun 05 j 00:56	24°♈06'33	26°06'30
	-10274 Jun 12 j 15:03	0°♉	
retrograde	-10274 Jun 17 j 13:53	1°♉21'18	
	-10274 Jun 22 j 01:58	30°℞♈	
evening set	-10274 Jun 23 j 22:13	28°♈37'24	
min. Earth dist.	-10274 Jun 28 j 01:26	24°♈05'34	0.66238 AU
inferior conj	-10274 Jun 29 j 09:35	22°♈23'55	-2°46'10
minimum elong	-10274 Jun 29 j 12:09	22°♈15'46	2°45'22
morning rise	-10274 Jul 05 j 02:10	16°♈31'44	
direct	-10274 Jul 08 j 09:26	15°♈28'50	
asc. node	-10274 Jul 09 j 11:12	15°♈35'16	
morning max el	-10274 Jul 15 j 09:51	19°♈28'27	19°10'25
	-10274 Jul 23 j 12:20	0°♉	
morning set	-10274 Aug 07 j 02:56	22°♉45'40	
	-10274 Aug 11 j 16:50	0°♊	
max. Earth dist.	-10274 Aug 21 j 20:38	16°♊02'46	1.44533 AU
superior conj	-10274 Aug 23 j 08:59	18°♊26'42	0°11'08
minimum elong	-10274 Aug 23 j 10:25	18°♊32'26	0°11'31
behind sun begin	-10274 Aug 23 j 02:16	18°♊00'05	
behind sun end	-10274 Aug 23 j 18:35	19°♊04'46	
desc. node	-10274 Aug 25 j 05:16	21°♊22'28	
	-10274 Aug 30 j 14:53	0°♋	
evening rise	-10274 Sep 07 j 17:46	13°♋08'43	
	-10274 Sep 18 j 03:19	0°♌	
evening max el	-10274 Sep 27 j 20:11	13°♌19'14	18°39'51
retrograde	-10274 Oct 04 j 13:29	17°♌04'42	
asc. node	-10274 Oct 05 j 10:56	17°♌00'13	
evening set	-10274 Oct 07 j 12:22	16°♌15'51	
inferior conj	-10274 Oct 13 j 11:57	10°♌35'16	2°25'21
minimum elong	-10274 Oct 13 j 08:48	10°♌44'37	2°24'48
min. Earth dist.	-10274 Oct 15 j 06:57	8°♌27'51	0.64758 AU
morning rise	-10274 Oct 19 j 04:44	4°♌27'38	
direct	-10274 Oct 25 j 20:45	1°♌42'31	
morning max el	-10274 Nov 08 j 01:01	9°♌13'27	27°01'27
desc. node	-10274 Nov 21 j 05:30	25°♌15'52	
	-10274 Nov 24 j 12:09	0°♍	
	-10274 Dec 12 j 06:22	0°♎	
morning set	-10274 Dec 13 j 11:57	2°♎21'38	
max. Earth dist.	-10274 Dec 18 j 03:31	11°♎34'54	1.34441 AU
superior conj	-10274 Dec 21 j 17:40	18°♎59'57	-1°25'33
minimum elong	-10274 Dec 21 j 19:50	19°♎11'17	1°25'28
	-10274 Dec 26 j 22:44	0°♏	
evening rise	-10274 Dec 29 j 02:14	4°♏29'57	
asc. node	-10273 Jan 01 j 08:52	11°♏10'25	
	-10273 Jan 12 j 09:11	0°♐	
evening max el	-10273 Jan 18 j 16:35	7°♐19'48	21°42'16
retrograde	-10273 Jan 30 j 18:25	13°♐03'58	
evening set	-10273 Feb 02 j 16:11	12°♐44'59	
inferior conj	-10273 Feb 11 j 18:34	8°♐42'27	1°25'24
minimum elong	-10273 Feb 11 j 22:11	8°♐37'18	1°23'44
min. Earth dist.	-10273 Feb 11 j 22:01	8°♐37'33	0.55407 AU
desc. node	-10273 Feb 17 j 06:42	5°♐50'17	
morning rise	-10273 Feb 21 j 04:16	4°♐35'40	
direct	-10273 Feb 23 j 20:17	4°♐19'46	
morning max el	-10273 Mar 08 j 05:00	10°♐16'31	21°44'53
	-10273 Mar 22 j 04:15	0°♑	
morning set	-10273 Mar 28 j 19:50	13°♑03'41	
asc. node	-10273 Mar 30 j 07:31	16°♑09'11	
superior conj	-10273 Apr 05 j 05:17	28°♑33'08	0°54'14
minimum elong	-10273 Apr 05 j 03:02	28°♑21'24	0°53'19
	-10273 Apr 05 j 22:00	0°♒	
max. Earth dist.	-10273 Apr 08 j 16:18	5°♒40'08	1.34848 AU
evening rise	-10273 Apr 13 j 10:56	15°♒06'31	
	-10273 Apr 21 j 14:56	0°♓	
	-10273 May 11 j 19:21	0°♈	
desc. node	-10273 May 16 j 05:18	5°♈05'22	
evening max el	-10273 May 18 j 11:40	7°♈25'03	26°58'28
retrograde	-10273 May 31 j 16:47	14°♈53'45	
evening set	-10273 Jun 07 j 11:41	12°♈05'54	
min. Earth dist.	-10273 Jun 11 j 07:42	8°♈12'36	0.65179 AU
inferior conj	-10273 Jun 13 j 06:01	5°♈56'43	-3°15'13

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10273 Jun 13 j 08:17	5°♈50'01	3°14'51
morning rise	-10273 Jun 19 j 05:15	0°♈19'15	
	-10273 Jun 19 j 20:52	30℞♓	
direct	-10273 Jun 22 j 05:46	29°♓28'51	
	-10273 Jun 24 j 15:26	0°♈	
asc. node	-10273 Jun 26 j 08:03	0°♈56'53	
morning max el	-10273 Jun 28 j 20:21	3°♈06'22	18°29'50
	-10273 Jul 16 j 21:28	0°♉	
morning set	-10273 Jul 18 j 13:18	2°♉43'42	
superior conj	-10273 Aug 02 j 08:52	26°♉40'31	0°56'06
minimum elong	-10273 Aug 02 j 14:56	27°♉04'37	0°55'53
	-10273 Aug 04 j 11:09	0°♊	
max. Earth dist.	-10273 Aug 04 j 13:44	0°♊10'13	1.44524 AU
desc. node	-10273 Aug 12 j 02:29	12°♊03'17	
evening rise	-10273 Aug 18 j 22:43	22°♊49'23	
	-10273 Aug 23 j 12:19	0°♋	
greatest brilliancy	-10273 Aug 28 j 07:36	7°♋29'56	-0.8m
evening max el	-10273 Sep 11 j 05:57	26°♋48'02	19°21'53
	-10273 Sep 15 j 05:18	0°♌	
retrograde	-10273 Sep 18 j 09:03	0°♌53'24	
	-10273 Sep 21 j 09:52	30℞♋	
evening set	-10273 Sep 21 j 15:47	29°♋51'00	
asc. node	-10273 Sep 22 j 08:06	29°♋22'42	
inferior conj	-10273 Sep 27 j 08:08	23°♋57'28	1°34'35
minimum elong	-10273 Sep 27 j 06:00	24°♋04'18	1°34'20
min. Earth dist.	-10273 Sep 28 j 14:43	22°♋20'05	0.65828 AU
morning rise	-10273 Oct 02 j 19:51	17°♋42'04	
direct	-10273 Oct 08 j 23:18	15°♋05'00	
morning max el	-10273 Oct 21 j 11:14	22°♋23'33	26°04'25
	-10273 Oct 28 j 05:41	0°♌	
desc. node	-10273 Nov 08 j 02:14	14°♌48'25	
	-10273 Nov 17 j 18:04	0°♍	
morning set	-10273 Nov 26 j 12:35	15°♍24'24	
max. Earth dist.	-10273 Nov 30 j 14:10	23°♍06'05	1.35825 AU
	-10273 Dec 04 j 02:12	0°♎	
superior conj	-10273 Dec 05 j 15:34	3°♎08'21	-1°36'49
minimum elong	-10273 Dec 05 j 17:04	3°♎15'58	1°36'42
evening rise	-10273 Dec 13 j 09:36	19°♎04'14	
	-10273 Dec 18 j 22:30	0°♏	
asc. node	-10273 Dec 19 j 06:11	0°♏35'45	
evening max el	-10273 Dec 31 j 21:54	18°♏46'34	20°21'35
retrograde	-10272 Jan 11 j 10:22	23°♏42'52	
evening set	-10272 Jan 14 j 00:32	23°♏26'10	
inferior conj	-10272 Jan 22 j 17:40	19°♏26'26	2°59'03
minimum elong	-10272 Jan 22 j 23:23	19°♏17'51	2°57'16
min. Earth dist.	-10272 Jan 24 j 11:51	18°♏23'20	0.55859 AU
morning rise	-10272 Jan 31 j 20:29	14°♏59'48	
desc. node	-10272 Feb 04 j 03:34	14°♏30'23	
direct	-10272 Feb 04 j 12:39	14°♏30'03	
morning max el	-10272 Feb 18 j 00:42	21°♏10'38	23°19'40
	-10272 Feb 25 j 12:49	0°♐	
morning set	-10272 Mar 12 j 07:31	28°♐04'21	
	-10272 Mar 13 j 05:33	0°♑	
asc. node	-10272 Mar 16 j 04:34	6°♑18'04	
superior conj	-10272 Mar 19 j 10:37	13°♑16'02	0°31'09
minimum elong	-10272 Mar 19 j 09:18	13°♑09'00	0°30'19
max. Earth dist.	-10272 Mar 21 j 17:10	18°♑05'06	1.33832 AU
evening rise	-10272 Mar 27 j 03:15	29°♑11'22	
	-10272 Mar 27 j 13:05	0°♒	
	-10272 Apr 13 j 17:56	0°♓	
evening max el	-10272 Apr 29 j 22:04	20°♓28'39	27°24'42
desc. node	-10272 May 02 j 02:38	22°♓29'32	
retrograde	-10272 May 13 j 14:14	28°♓01'58	
evening set	-10272 May 20 j 13:58	25°♓22'54	

min. Earth dist.	-10272 May 24 j 05:41	22°♓02'43	0.63727 AU
inferior conj	-10272 May 26 j 18:34	19°♓20'39	-3°33'34
minimum elong	-10272 May 26 j 19:52	19°♓17'08	3°33'38
morning rise	-10272 Jun 02 j 02:36	14°♓00'14	
direct	-10272 Jun 04 j 21:55	13°♓20'19	
morning max el	-10272 Jun 11 j 09:49	16°♓45'25	18°06'36
asc. node	-10272 Jun 12 j 04:53	17°♓35'06	
	-10272 Jun 20 j 21:19	0°♈	
morning set	-10272 Jun 29 j 01:04	13°♈52'55	
	-10272 Jul 08 j 13:11	0°♉	
superior conj	-10272 Jul 11 j 22:58	5°♉37'25	1°29'26
minimum elong	-10272 Jul 12 j 04:47	6°♉01'17	1°29'17
max. Earth dist.	-10272 Jul 17 j 04:26	14°♉05'40	1.43825 AU
	-10272 Jul 27 j 06:28	0°♊	
evening rise	-10272 Jul 28 j 05:03	1°♊27'38	
desc. node	-10272 Jul 28 j 23:47	2°♊40'15	
	-10272 Aug 16 j 05:20	0°♋	
evening max el	-10272 Aug 24 j 10:22	10°♋15'31	20°19'16
retrograde	-10272 Sep 01 j 05:52	14°♋49'14	
evening set	-10272 Sep 04 j 22:47	13°♋30'01	
asc. node	-10272 Sep 08 j 05:12	10°♋16'27	
inferior conj	-10272 Sep 10 j 09:40	7°♋26'47	0°42'17
minimum elong	-10272 Sep 10 j 08:42	7°♋30'02	0°42'29
min. Earth dist.	-10272 Sep 11 j 04:57	6°♋22'18	0.66595 AU
morning rise	-10272 Sep 15 j 18:23	1°♋07'26	
	-10272 Sep 17 j 06:15	30℞♊	
direct	-10272 Sep 21 j 07:33	28°♊45'06	
	-10272 Sep 25 j 18:39	0°♋	
morning max el	-10272 Oct 02 j 20:44	5°♋37'57	24°49'37
	-10272 Oct 21 j 18:49	0°♌	
desc. node	-10272 Oct 24 j 23:02	4°♌46'46	
morning set	-10272 Nov 07 j 18:28	27°♌27'13	
	-10272 Nov 09 j 04:56	0°♍	
max. Earth dist.	-10272 Nov 11 j 15:10	4°♍23'19	1.37594 AU
superior conj	-10272 Nov 18 j 03:32	16°♍42'14	-1°41'48
minimum elong	-10272 Nov 18 j 03:41	16°♍42'55	1°41'36
	-10272 Nov 24 j 20:22	0°♎	
evening rise	-10272 Nov 26 j 12:04	3°♎18'24	
asc. node	-10272 Dec 05 j 03:30	19°♎31'33	
	-10272 Dec 12 j 18:11	0°♏	
evening max el	-10272 Dec 13 j 13:31	0°♏47'49	19°18'20
retrograde	-10272 Dec 22 j 13:20	5°♏03'43	
evening set	-10272 Dec 25 j 01:40	4°♏45'14	
inferior conj	-10271 Jan 02 j 05:37	0°♏33'52	3°56'49
minimum elong	-10271 Jan 02 j 09:19	0°♏27'37	3°56'06
	-10271 Jan 03 j 01:39	30℞♎	
min. Earth dist.	-10271 Jan 05 j 01:56	28°♎39'28	0.57077 AU
morning rise	-10271 Jan 10 j 14:44	25°♎42'05	
direct	-10271 Jan 15 j 15:29	24°♎43'41	
desc. node	-10271 Jan 21 j 00:23	25°♎50'33	
	-10271 Jan 27 j 14:17	0°♏	
morning max el	-10271 Jan 29 j 15:30	1°♏50'40	24°55'42
	-10271 Feb 18 j 05:47	0°♐	
morning set	-10271 Feb 24 j 20:01	13°♐09'27	
asc. node	-10271 Mar 03 j 01:39	26°♐33'20	
superior conj	-10271 Mar 03 j 19:56	28°♐12'29	0°07'27
minimum elong	-10271 Mar 03 j 19:38	28°♐10'53	0°06'48
behind sun begin	-10271 Mar 03 j 15:02	27°♐45'56	
behind sun end	-10271 Mar 04 j 00:14	28°♐35'50	
	-10271 Mar 04 j 15:48	0°♑	
max. Earth dist.	-10271 Mar 05 j 01:44	0°♑53'42	1.33163 AU
evening rise	-10271 Mar 11 j 03:55	13°♑42'51	
	-10271 Mar 19 j 16:18	0°♒	
	-10271 Apr 09 j 06:10	0°♓	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10271	Apr	12	j 06:05	3°♓05'48	27°19'51		-10270	Feb	24	j 03:20	0°♉	
desc. node	-10271	Apr	18	j 23:55	8°♓23'24			-10270	Mar	13	j 02:11	0°♒	
retrograde	-10271	Apr	26	j 05:07	10°♓36'44		evening max el	-10270	Mar	25	j 09:27	15°♒07'18	26°42'10
evening set	-10271	May	03	j 01:33	8°♓20'07		desc. node	-10270	Apr	05	j 21:06	22°♒14'03	
min. Earth dist.	-10271	May	06	j 18:33	5°♓22'44	0.61943 AU	retrograde	-10270	Apr	08	j 11:50	22°♒31'24	
inferior conj	-10271	May	09	j 20:05	2°♓28'53	-3°37'06	evening set	-10270	Apr	14	j 19:09	20°♒47'34	
minimum elong	-10271	May	09	j 19:42	2°♓29'49	3°37'25	min. Earth dist.	-10270	Apr	18	j 22:41	17°♒58'58	0.59968 AU
	-10271	May	12	j 14:05	30°℞♒		inferior conj	-10270	Apr	22	j 07:03	15°♒13'30	-3°20'05
morning rise	-10271	May	16	j 15:24	27°♒27'21		minimum elong	-10270	Apr	22	j 04:33	15°♒18'42	3°20'13
direct	-10271	May	19	j 06:38	26°♒56'17		morning rise	-10270	Apr	29	j 16:22	10°♒32'10	
	-10271	May	25	j 15:33	0°♓		direct	-10270	May	02	j 03:59	10°♒08'38	
morning max el	-10271	May	25	j 23:42	0°♓19'26	18°01'38	morning max el	-10270	May	09	j 11:20	13°♒41'48	18°15'42
asc. node	-10271	May	30	j 01:43	5°♓13'47		asc. node	-10270	May	16	j 22:34	23°♒39'47	
morning set	-10271	Jun	11	j 10:44	26°♓05'10			-10270	May	20	j 14:36	0°♓	
	-10271	Jun	13	j 14:57	0°♈		morning set	-10270	May	25	j 13:28	9°♓09'38	
superior conj	-10271	Jun	22	j 15:10	15°♈51'07	1°46'37	superior conj	-10270	Jun	04	j 09:34	27°♓23'57	1°49'21
minimum elong	-10271	Jun	22	j 17:36	16°♈01'35	1°46'37	minimum elong	-10270	Jun	04	j 08:50	27°♓20'38	1°49'15
max. Earth dist.	-10271	Jun	29	j 14:41	27°♈33'56	1.42538 AU		-10270	Jun	05	j 20:22	0°♈	
	-10271	Jul	01	j 02:25	0°♉		max. Earth dist.	-10270	Jun	11	j 19:36	10°♈24'10	1.40839 AU
evening rise	-10271	Jul	07	j 06:38	9°♉53'03		evening rise	-10270	Jun	17	j 01:22	19°♈08'42	
desc. node	-10271	Jul	15	j 21:07	23°♉09'14			-10270	Jun	23	j 20:43	0°♉	
	-10271	Jul	20	j 11:07	0°♊		desc. node	-10270	Jul	02	j 18:27	13°♉25'59	
evening max el	-10271	Aug	07	j 08:05	23°♊39'26	21°29'35		-10270	Jul	14	j 20:27	0°♊	
retrograde	-10271	Aug	16	j 01:55	28°♊49'08		evening max el	-10270	Jul	20	j 23:20	7°♊00'25	22°48'43
evening set	-10271	Aug	20	j 07:11	27°♊10'14		retrograde	-10270	Jul	30	j 19:47	12°♊51'02	
inferior conj	-10271	Aug	25	j 14:27	21°♊00'15	-0°09'30	evening set	-10270	Aug	04	j 15:05	10°♊50'51	
minimum elong	-10271	Aug	25	j 14:39	20°♊59'35	0°08'51	inferior conj	-10270	Aug	09	j 20:40	4°♊36'40	-0°59'05
transit middle	-10271	Aug	25	j 14:39	20°♊59'35	0°08'51	minimum elong	-10270	Aug	09	j 21:53	4°♊32'26	0°58'06
transit begin	-10271	Aug	25	j 12:22	21°♊07'25		min. Earth dist.	-10270	Aug	09	j 18:53	4°♊42'50	0.67250 AU
transit end	-10271	Aug	25	j 16:56	20°♊51'44		asc. node	-10270	Aug	12	j 23:12	0°♊33'16	
min. Earth dist.	-10271	Aug	25	j 23:08	20°♊30'24	0.67069 AU		-10270	Aug	13	j 10:59	30°℞♉	
asc. node	-10271	Aug	26	j 02:13	20°♊19'49		morning rise	-10270	Aug	15	j 04:36	28°♉20'37	
morning rise	-10271	Aug	30	j 21:57	14°♊40'43		direct	-10270	Aug	19	j 13:54	26°♉35'46	
direct	-10271	Sep	04	j 20:42	12°♊36'43			-10270	Aug	26	j 13:55	0°♊	
morning max el	-10271	Sep	15	j 06:48	18°♊52'19	23°26'15	morning max el	-10270	Aug	28	j 20:14	2°♊08'58	22°02'46
	-10271	Sep	24	j 14:23	0°♋			-10270	Sep	18	j 14:53	0°♋	
desc. node	-10271	Oct	11	j 19:54	25°♋03'02		desc. node	-10270	Sep	28	j 16:47	15°♋31'21	
	-10271	Oct	14	j 22:54	0°♌		morning set	-10270	Sep	30	j 02:45	17°♋46'28	
morning set	-10271	Oct	20	j 00:06	8°♌15'57		max. Earth dist.	-10270	Oct	06	j 14:48	28°♋22'57	1.41515 AU
max. Earth dist.	-10271	Oct	24	j 13:06	16°♌00'28	1.39578 AU		-10270	Oct	07	j 14:01	0°♌	
superior conj	-10271	Nov	01	j 01:17	29°♌29'43	-1°38'20	superior conj	-10270	Oct	14	j 03:20	11°♌15'36	-1°23'51
minimum elong	-10271	Oct	31	j 23:25	29°♌21'02	1°37'55	minimum elong	-10270	Oct	13	j 23:20	10°♌58'00	1°23'02
	-10271	Nov	01	j 07:49	0°♍			-10270	Oct	24	j 11:27	0°♍	
evening rise	-10271	Nov	10	j 07:09	17°♍06'07		evening rise	-10270	Oct	24	j 15:38	0°♍19'21	
	-10271	Nov	17	j 04:44	0°♎		asc. node	-10270	Nov	08	j 22:04	25°♍13'20	
asc. node	-10271	Nov	22	j 00:47	7°♎48'16		evening max el	-10270	Nov	09	j 22:31	26°♍17'35	18°11'49
evening max el	-10271	Nov	26	j 14:32	13°♎20'50	18°34'59	retrograde	-10270	Nov	16	j 23:55	29°♍52'51	
retrograde	-10271	Dec	04	j 10:01	17°♎09'50		evening set	-10270	Nov	19	j 12:40	29°♍25'53	
evening set	-10271	Dec	06	j 22:09	16°♎47'41		inferior conj	-10270	Nov	26	j 14:22	24°♍32'39	4°05'16
inferior conj	-10271	Dec	14	j 12:31	12°♎16'25	4°15'57	minimum elong	-10270	Nov	26	j 11:49	24°♍38'23	4°05'06
minimum elong	-10271	Dec	14	j 12:37	12°♎16'13	4°15'54	min. Earth dist.	-10270	Nov	29	j 16:35	21°♍47'16	0.60651 AU
min. Earth dist.	-10271	Dec	17	j 18:17	9°♎46'17	0.58780 AU	morning rise	-10270	Dec	03	j 09:37	18°♍59'23	
morning rise	-10271	Dec	22	j 01:15	7°♎02'10		direct	-10270	Dec	10	j 06:52	16°♍48'02	
direct	-10271	Dec	28	j 06:07	5°♎26'01		morning max el	-10270	Dec	24	j 06:46	24°♍14'57	27°14'03
desc. node	-10270	Jan	07	j 21:09	9°♎45'45		desc. node	-10270	Dec	25	j 17:53	25°♍42'36	
morning max el	-10270	Jan	11	j 08:06	12°♎45'24	26°18'17		-10270	Dec	29	j 14:04	0°♎	
	-10270	Jan	24	j 22:19	0°♏			-10269	Jan	18	j 00:52	0°♏	
morning set	-10270	Feb	09	j 07:38	28°♏12'43		morning set	-10269	Jan	24	j 16:25	13°♏06'03	
	-10270	Feb	10	j 04:03	0°♐		max. Earth dist.	-10269	Jan	31	j 04:10	26°♏57'32	1.32800 AU
superior conj	-10270	Feb	16	j 07:20	13°♐15'55	-0°16'01	superior conj	-10269	Jan	31	j 19:07	28°♏19'02	-0°38'26
minimum elong	-10270	Feb	16	j 08:02	13°♐19'40	0°16'25	minimum elong	-10269	Jan	31	j 20:37	28°♏27'17	0°38'37
max. Earth dist.	-10270	Feb	16	j 14:43	13°♐56'11	1.32820 AU		-10269	Feb	01	j 13:37	0°♐	
asc. node	-10270	Feb	17	j 22:46	16°♐50'55		asc. node	-10269	Feb	04	j 19:56	7°♐05'48	
evening rise	-10270	Feb	23	j 10:11	28°♐31'34		evening rise	-10269	Feb	07	j 19:48	13°♐28'21	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10269 Feb 16 j 06:40	0°♉	
evening max el	-10269 Mar 07 j 06:52	26°♉30'03	25°35'09
	-10269 Mar 11 j 11:06	0°♒	
retrograde	-10269 Mar 21 j 08:40	3°♒42'17	
desc. node	-10269 Mar 23 j 18:14	3°♒28'24	
evening set	-10269 Mar 26 j 17:19	2°♒33'52	
	-10269 Mar 31 j 07:49	30°℞♉	
min. Earth dist.	-10269 Mar 31 j 19:56	29°♉39'28	0.58030 AU
inferior conj	-10269 Apr 03 j 23:51	27°♉24'23	-2°35'35
minimum elong	-10269 Apr 03 j 19:53	27°♉31'30	2°35'16
morning rise	-10269 Apr 12 j 01:38	23°♉02'55	
direct	-10269 Apr 14 j 09:31	22°♉45'41	
morning max el	-10269 Apr 22 j 17:51	26°♉43'07	18°49'22
	-10269 Apr 25 j 17:26	0°♒	
asc. node	-10269 May 03 j 19:25	12°♒41'22	
morning set	-10269 May 09 j 04:47	22°♒54'45	
	-10269 May 12 j 19:55	0°♓	
superior conj	-10269 May 18 j 01:01	10°♓02'05	1°41'27
minimum elong	-10269 May 17 j 22:31	9°♓50'16	1°41'02
max. Earth dist.	-10269 May 24 j 20:19	22°♓32'53	1.38955 AU
evening rise	-10269 May 28 j 23:09	29°♓44'55	
	-10269 May 29 j 02:41	0°♈	
	-10269 Jun 17 j 05:39	0°♉	
desc. node	-10269 Jun 19 j 15:49	3°♉24'56	
evening max el	-10269 Jul 03 j 10:14	20°♉21'08	24°10'42
retrograde	-10269 Jul 14 j 10:29	26°♉51'52	
evening set	-10269 Jul 19 j 20:39	24°♉31'09	
min. Earth dist.	-10269 Jul 24 j 13:52	18°♉58'31	0.67123 AU
inferior conj	-10269 Jul 25 j 02:36	18°♉15'15	-1°44'58
minimum elong	-10269 Jul 25 j 04:38	18°♉08'22	1°43'53
morning rise	-10269 Jul 30 j 12:35	12°♉05'57	
asc. node	-10269 Jul 30 j 20:08	11°♉52'25	
direct	-10269 Aug 03 j 10:06	10°♉39'11	
morning max el	-10269 Aug 11 j 15:29	15°♉31'26	20°46'05
	-10269 Aug 22 j 21:34	0°♊	
morning set	-10269 Sep 09 j 08:55	26°♊21'37	
	-10269 Sep 11 j 16:47	0°♋	
desc. node	-10269 Sep 15 j 13:45	6°♋07'38	
max. Earth dist.	-10269 Sep 18 j 22:47	11°♋32'54	1.43128 AU
superior conj	-10269 Sep 25 j 04:01	21°♋45'53	-0°56'09
minimum elong	-10269 Sep 24 j 23:20	21°♋26'23	0°55'03
	-10269 Sep 30 j 00:51	0°♌	
evening rise	-10269 Oct 07 j 09:24	12°♌48'39	
	-10269 Oct 17 j 09:23	0°♍	
evening max el	-10269 Oct 24 j 10:42	9°♍31'01	18°08'15
asc. node	-10269 Oct 26 j 19:20	11°♍32'02	
retrograde	-10269 Oct 31 j 03:00	13°♍03'14	
evening set	-10269 Nov 02 j 17:59	12°♍29'48	
inferior conj	-10269 Nov 09 j 08:22	7°♍16'11	3°34'58
minimum elong	-10269 Nov 09 j 04:43	7°♍25'27	3°34'28
min. Earth dist.	-10269 Nov 12 j 00:05	4°♍34'52	0.62441 AU
morning rise	-10269 Nov 15 j 14:29	1°♍27'01	
	-10269 Nov 17 j 23:23	30°℞♌	
direct	-10269 Nov 22 j 16:22	28°♌51'30	
	-10269 Nov 27 j 16:08	0°♍	
morning max el	-10269 Dec 06 j 11:40	6°♍24'20	27°35'40
desc. node	-10269 Dec 12 j 14:37	13°♍08'22	
	-10269 Dec 24 j 13:15	0°♎	
morning set	-10268 Jan 08 j 20:13	27°♎41'43	
	-10268 Jan 09 j 23:19	0°♏	
max. Earth dist.	-10268 Jan 14 j 14:18	9°♏44'07	1.33125 AU
superior conj	-10268 Jan 16 j 05:37	13°♏15'56	-0°59'01
minimum elong	-10268 Jan 16 j 07:41	13°♏27'10	0°59'02
asc. node	-10268 Jan 22 j 17:08	27°♏13'41	
evening rise	-10268 Jan 23 j 06:58	28°♏26'36	
	-10268 Jan 24 j 00:50	0°♐	
	-10268 Feb 10 j 10:29	0°♉	
evening max el	-10268 Feb 17 j 00:16	7°♉25'59	24°08'12
retrograde	-10268 Mar 01 j 17:55	14°♉15'17	
evening set	-10268 Mar 05 j 23:03	13°♉35'40	
desc. node	-10268 Mar 09 j 15:20	12°♉03'03	
min. Earth dist.	-10268 Mar 12 j 13:17	10°♉22'57	0.56449 AU
inferior conj	-10268 Mar 14 j 20:46	8°♉56'14	-1°19'08
minimum elong	-10268 Mar 14 j 17:46	9°♉00'56	1°18'50
morning rise	-10268 Mar 23 j 15:31	4°♉49'49	
direct	-10268 Mar 25 j 20:38	4°♉36'44	
morning max el	-10268 Apr 04 j 16:20	9°♉13'53	19°42'50
	-10268 Apr 18 j 13:25	0°♒	
asc. node	-10268 Apr 19 j 16:16	2°♒09'50	
morning set	-10268 Apr 22 j 05:05	7°♒10'54	
superior conj	-10268 Apr 30 j 08:03	23°♒29'55	1°26'23
minimum elong	-10268 Apr 30 j 05:03	23°♒15'07	1°25'40
	-10268 May 03 j 16:05	0°♓	
max. Earth dist.	-10268 May 05 j 21:57	4°♓15'47	1.37142 AU
evening rise	-10268 May 09 j 22:30	11°♓39'31	
	-10268 May 20 j 18:00	0°♈	
desc. node	-10268 Jun 05 j 13:14	22°♈58'01	
	-10268 Jun 11 j 07:50	0°♉	
evening max el	-10268 Jun 14 j 19:51	3°♉43'44	25°27'50
retrograde	-10268 Jun 26 j 21:12	10°♉46'28	
evening set	-10268 Jul 02 j 21:49	8°♉09'04	
min. Earth dist.	-10268 Jul 07 j 05:46	3°♉14'33	0.66661 AU
inferior conj	-10268 Jul 08 j 06:27	1°♉53'50	-2°25'43
minimum elong	-10268 Jul 08 j 08:57	1°♉45'39	2°24'45
	-10268 Jul 09 j 17:54	30°℞♈	
morning rise	-10268 Jul 13 j 20:08	25°♈54'25	
asc. node	-10268 Jul 16 j 17:00	24°♈45'46	
direct	-10268 Jul 17 j 07:56	24°♈43'34	
morning max el	-10268 Jul 24 j 17:18	29°♈00'33	19°41'06
	-10268 Jul 25 j 15:33	0°♉	
	-10268 Aug 15 j 09:34	0°♊	
morning set	-10268 Aug 18 j 12:27	4°♊51'57	
max. Earth dist.	-10268 Aug 31 j 12:01	25°♊17'23	1.44207 AU
desc. node	-10268 Sep 01 j 10:47	26°♊47'58	
	-10268 Sep 03 j 10:52	0°♋	
superior conj	-10268 Sep 04 j 01:01	0°♋56'44	-0°15'41
minimum elong	-10268 Sep 03 j 23:16	0°♋49'43	0°14'53
behind sun begin	-10268 Sep 03 j 18:41	0°♋31'21	
behind sun end	-10268 Sep 04 j 03:51	1°♋08'07	
evening rise	-10268 Sep 18 j 07:09	24°♋20'56	
	-10268 Sep 21 j 15:58	0°♌	
evening max el	-10268 Oct 07 j 00:08	22°♌54'18	18°23'18
asc. node	-10268 Oct 12 j 16:34	26°♌27'41	
retrograde	-10268 Oct 13 j 15:05	26°♌32'26	
evening set	-10268 Oct 16 j 10:24	25°♌50'08	
inferior conj	-10268 Oct 22 j 14:57	20°♌18'45	2°52'48
minimum elong	-10268 Oct 22 j 11:24	20°♌28'45	2°52'11
min. Earth dist.	-10268 Oct 24 j 17:39	17°♌56'01	0.64000 AU
morning rise	-10268 Oct 28 j 11:43	14°♌16'55	
direct	-10268 Nov 04 j 09:17	11°♌31'15	
morning max el	-10268 Nov 17 j 20:21	19°♌05'30	27°22'45
	-10268 Nov 27 j 06:14	0°♍	
desc. node	-10268 Nov 28 j 11:19	1°♍36'47	
	-10268 Dec 16 j 10:04	0°♎	
morning set	-10268 Dec 22 j 16:22	11°♎50'14	
max. Earth dist.	-10268 Dec 27 j 17:14	22°♎03'15	1.33833 AU
superior conj	-10268 Dec 30 j 13:02	28°♎00'01	-1°16'55
minimum elong	-10268 Dec 30 j 15:18	28°♎12'04	1°16'51

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10268 Dec 31 j 11:35	0°♏	
evening rise	-10267 Jan 06 j 18:00	13°♏20'07	
asc. node	-10267 Jan 08 j 14:25	17°♏09'50	
	-10267 Jan 15 j 07:42	0°♐	
evening max el	-10267 Jan 28 j 18:30	18°♐18'05	22°34'27
retrograde	-10267 Feb 10 j 14:56	24°♐28'55	
evening set	-10267 Feb 13 j 20:58	24°♐05'47	
min. Earth dist.	-10267 Feb 22 j 04:50	20°♐22'50	0.55538 AU
inferior conj	-10267 Feb 23 j 00:55	19°♐53'55	0°23'08
minimum elong	-10267 Feb 23 j 01:54	19°♐52'30	0°22'15
desc. node	-10267 Feb 24 j 12:20	19°♐03'21	
morning rise	-10267 Mar 04 j 08:04	15°♐51'17	
direct	-10267 Mar 06 j 16:35	15°♐38'17	
morning max el	-10267 Mar 18 j 04:20	21°♐06'12	20°55'27
	-10267 Mar 25 j 11:11	0°♑	
morning set	-10267 Apr 06 j 11:38	21°♑50'35	
asc. node	-10267 Apr 06 j 13:13	21°♑58'42	
	-10267 Apr 10 j 10:15	0°♒	
superior conj	-10267 Apr 14 j 02:19	7°♒35'07	1°06'49
minimum elong	-10267 Apr 13 j 23:39	7°♒21'27	1°05'55
max. Earth dist.	-10267 Apr 18 j 07:09	16°♒03'00	1.35591 AU
evening rise	-10267 Apr 22 j 17:56	24°♒37'46	
	-10267 Apr 25 j 15:44	0°♓	
	-10267 May 14 j 06:19	0°♈	
desc. node	-10267 May 23 j 10:39	11°♈54'30	
evening max el	-10267 May 28 j 06:19	17°♈06'52	26°31'23
retrograde	-10267 Jun 10 j 03:09	24°♈29'12	
evening set	-10267 Jun 16 j 16:21	21°♈42'30	
min. Earth dist.	-10267 Jun 20 j 16:19	17°♈27'05	0.65834 AU
inferior conj	-10267 Jun 22 j 06:17	15°♈30'22	-2°59'39
minimum elong	-10267 Jun 22 j 08:49	15°♈22'36	2°59'01
morning rise	-10267 Jun 28 j 01:26	9°♈43'50	
direct	-10267 Jul 01 j 05:34	8°♈46'32	
asc. node	-10267 Jul 03 j 13:50	9°♈16'34	
morning max el	-10267 Jul 08 j 01:03	12°♈35'56	18°51'00
	-10267 Jul 20 j 12:09	0°♉	
morning set	-10267 Jul 29 j 08:42	14°♉10'38	
	-10267 Aug 08 j 06:40	0°♊	
superior conj	-10267 Aug 14 j 02:56	9°♊15'11	0°31'00
minimum elong	-10267 Aug 14 j 06:45	9°♊30'18	0°31'04
max. Earth dist.	-10267 Aug 14 j 04:29	9°♊21'21	1.44620 AU
desc. node	-10267 Aug 19 j 07:57	17°♊29'37	
	-10267 Aug 27 j 04:43	0°♋	
evening rise	-10267 Aug 30 j 03:43	4°♋44'02	
	-10267 Sep 15 j 08:27	0°♌	
evening max el	-10267 Sep 20 j 12:05	6°♌22'43	18°55'49
retrograde	-10267 Sep 27 j 08:39	10°♌15'17	
asc. node	-10267 Sep 29 j 13:45	9°♌47'18	
evening set	-10267 Sep 30 j 10:38	9°♌21'04	
inferior conj	-10267 Oct 06 j 06:57	3°♌34'51	2°04'06
minimum elong	-10267 Oct 06 j 04:12	3°♌43'19	2°03'40
min. Earth dist.	-10267 Oct 07 j 20:36	1°♌39'34	0.65259 AU
	-10267 Oct 09 j 06:36	30°℞♋	
morning rise	-10267 Oct 11 j 21:18	27°♋23'38	
direct	-10267 Oct 18 j 08:30	24°♋40'35	
	-10267 Oct 28 j 23:52	0°♌	
morning max el	-10267 Oct 31 j 06:18	2°♌07'27	26°39'48
desc. node	-10267 Nov 15 j 08:01	20°♌49'49	
	-10267 Nov 21 j 10:09	0°♍	
morning set	-10267 Dec 06 j 01:21	25°♍20'24	
	-10267 Dec 08 j 11:28	0°♎	
max. Earth dist.	-10267 Dec 10 j 10:04	3°♎49'54	1.34974 AU
superior conj	-10267 Dec 14 j 15:11	12°♎23'55	-1°31'00
minimum elong	-10267 Dec 14 j 17:09	12°♎34'03	1°30'54
evening rise	-10267 Dec 22 j 03:13	28°♎03'06	
	-10267 Dec 23 j 01:57	0°♏	
asc. node	-10267 Dec 26 j 11:44	6°♏48'19	
evening max el	-10266 Jan 10 j 18:44	29°♏27'52	21°06'11
	-10266 Jan 11 j 08:47	0°♐	
retrograde	-10266 Jan 22 j 04:54	4°♐50'45	
evening set	-10266 Jan 24 j 22:34	4°♐33'24	
inferior conj	-10266 Feb 02 j 21:52	0°♐34'39	2°08'33
minimum elong	-10266 Feb 03 j 02:54	0°♐27'25	2°06'36
	-10266 Feb 03 j 22:01	30°℞♏	
min. Earth dist.	-10266 Feb 03 j 18:57	0°♐04'24	0.55491 AU
desc. node	-10266 Feb 11 j 09:16	26°♏33'54	
morning rise	-10266 Feb 12 j 06:21	26°♏20'49	
direct	-10266 Feb 15 j 07:13	26°♏00'29	
	-10266 Feb 25 j 13:05	0°♐	
morning max el	-10266 Feb 28 j 05:07	2°♐17'47	22°24'13
	-10266 Mar 18 j 14:16	0°♑	
morning set	-10266 Mar 21 j 22:01	6°♑45'38	
asc. node	-10266 Mar 24 j 10:14	12°♑01'40	
superior conj	-10266 Mar 29 j 04:22	22°♑06'31	0°44'36
minimum elong	-10266 Mar 29 j 02:30	21°♑56'37	0°43'41
max. Earth dist.	-10266 Apr 01 j 02:44	28°♑13'37	1.34376 AU
	-10266 Apr 01 j 23:27	0°♒	
evening rise	-10266 Apr 06 j 03:54	8°♒22'13	
	-10266 Apr 18 j 04:31	0°♓	
desc. node	-10266 May 10 j 08:02	29°♓58'18	
	-10266 May 10 j 08:43	0°♈	
evening max el	-10266 May 10 j 17:24	0°♈21'22	27°13'09
retrograde	-10266 May 24 j 03:41	7°♈52'08	
evening set	-10266 May 31 j 01:26	5°♈06'42	
min. Earth dist.	-10266 Jun 03 j 19:18	1°♈28'13	0.64614 AU
	-10266 Jun 05 j 02:42	30°℞♓	
inferior conj	-10266 Jun 05 j 23:43	29°♓00'14	-3°24'33
minimum elong	-10266 Jun 06 j 01:41	28°♓54'41	3°24'22
morning rise	-10266 Jun 12 j 02:24	23°♓29'28	
direct	-10266 Jun 15 j 00:38	22°♓43'35	
asc. node	-10266 Jun 20 j 10:39	25°♓12'30	
morning max el	-10266 Jun 21 j 13:02	26°♓14'27	18°17'41
	-10266 Jun 24 j 18:03	0°♈	
morning set	-10266 Jul 10 j 06:07	24°♈39'40	
	-10266 Jul 13 j 10:54	0°♉	
superior conj	-10266 Jul 24 j 06:24	17°♉40'03	1°12'09
minimum elong	-10266 Jul 24 j 13:00	18°♉06'31	1°11'53
max. Earth dist.	-10266 Jul 27 j 21:17	23°♉27'04	1.44315 AU
	-10266 Aug 01 j 00:34	0°♊	
desc. node	-10266 Aug 06 j 05:12	8°♊09'13	
evening rise	-10266 Aug 09 j 21:45	13°♊54'51	
	-10266 Aug 20 j 07:29	0°♋	
greatest brilliancy	-10266 Aug 21 j 17:21	2°♋08'36	-0.7m
evening max el	-10266 Sep 03 j 19:53	19°♋51'47	19°44'34
retrograde	-10266 Sep 11 j 04:58	24°♋07'44	
evening set	-10266 Sep 14 j 15:53	22°♋58'22	
asc. node	-10266 Sep 16 j 10:51	21°♋29'28	
inferior conj	-10266 Sep 20 j 05:41	17°♋00'22	1°12'26
minimum elong	-10266 Sep 20 j 04:01	17°♋05'45	1°12'22
min. Earth dist.	-10266 Sep 21 j 07:16	15°♋36'57	0.66196 AU
morning rise	-10266 Sep 25 j 15:54	10°♋43'07	
direct	-10266 Oct 01 j 13:27	8°♋11'49	
morning max el	-10266 Oct 13 j 16:09	15°♋20'10	25°34'16
	-10266 Oct 25 j 19:54	0°♌	
desc. node	-10266 Nov 02 j 04:48	10°♌34'47	
	-10266 Nov 14 j 06:08	0°♍	
morning set	-10266 Nov 18 j 18:42	7°♍59'35	
max. Earth dist.	-10266 Nov 22 j 16:25	15°♍13'24	1.36541 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10266 Nov 28 j 09:22	26°♏19'24	-1°39'49
minimum elong	-10266 Nov 28 j 10:23	26°♏24'28	1°39'41
	-10266 Nov 30 j 05:19	0°♎	
evening rise	-10266 Dec 06 j 08:49	12°♎30'09	
asc. node	-10266 Dec 13 j 09:03	26°♎02'23	
	-10266 Dec 15 j 16:22	0°♏	
evening max el	-10266 Dec 24 j 04:22	11°♏09'11	19°52'18
retrograde	-10265 Jan 03 j 00:19	15°♏46'53	
evening set	-10265 Jan 05 j 13:32	15°♏29'36	
inferior conj	-10265 Jan 14 j 01:13	11°♏26'04	3°28'31
minimum elong	-10265 Jan 14 j 06:30	11°♏17'48	3°27'10
min. Earth dist.	-10265 Jan 16 j 08:21	10°♏00'08	0.56297 AU
morning rise	-10265 Jan 22 j 21:27	6°♏49'14	
direct	-10265 Jan 27 j 03:17	6°♏09'10	
desc. node	-10265 Jan 29 j 06:07	6°♏19'25	
morning max el	-10265 Feb 09 j 21:51	13°♏02'18	24°01'17
	-10265 Feb 22 j 21:08	0°♐	
morning set	-10265 Mar 06 j 10:18	21°♐49'13	
	-10265 Mar 10 j 06:28	0°♑	
asc. node	-10265 Mar 11 j 07:18	2°♑13'54	
superior conj	-10265 Mar 13 j 11:39	6°♑55'55	0°21'08
minimum elong	-10265 Mar 13 j 10:45	6°♑51'09	0°20'22
max. Earth dist.	-10265 Mar 15 j 07:29	10°♑50'36	1.33509 AU
evening rise	-10265 Mar 21 j 00:09	22°♑39'32	
	-10265 Mar 24 j 18:07	0°♒	
	-10265 Apr 11 j 23:44	0°♓	
evening max el	-10265 Apr 23 j 03:05	13°♓14'59	27°26'32
desc. node	-10265 Apr 27 j 05:20	16°♓47'48	
retrograde	-10265 May 06 j 22:10	20°♓47'15	
evening set	-10265 May 13 j 21:52	18°♓16'00	
min. Earth dist.	-10265 May 17 j 13:15	15°♓07'19	0.63013 AU
inferior conj	-10265 May 20 j 07:59	12°♓18'11	-3°37'11
minimum elong	-10265 May 20 j 08:39	12°♓16'28	3°37'23
morning rise	-10265 May 26 j 20:30	7°♓05'40	
direct	-10265 May 29 j 14:06	6°♓29'35	
morning max el	-10265 Jun 05 j 02:59	9°♓52'03	18°02'12
asc. node	-10265 Jun 07 j 07:29	12°♓18'06	
	-10265 Jun 18 j 13:42	0°♈	
morning set	-10265 Jun 22 j 03:46	6°♈16'59	
superior conj	-10265 Jul 04 j 06:57	27°♈07'33	1°38'43
minimum elong	-10265 Jul 04 j 11:29	27°♈26'27	1°38'38
	-10265 Jul 06 j 00:30	0°♉	
max. Earth dist.	-10265 Jul 10 j 10:50	7°♉14'39	1.43345 AU
evening rise	-10265 Jul 19 j 23:14	22°♉19'42	
desc. node	-10265 Jul 24 j 02:29	28°♉43'06	
	-10265 Jul 24 j 22:33	0°♊	
	-10265 Aug 14 j 22:42	0°♋	
evening max el	-10265 Aug 17 j 21:27	3°♋17'27	20°47'47
retrograde	-10265 Aug 26 j 01:43	8°♋05'43	
evening set	-10265 Aug 29 j 23:43	6°♋38'12	
asc. node	-10265 Sep 03 j 07:54	1°♋55'19	
inferior conj	-10265 Sep 04 j 08:48	0°♋31'31	0°20'08
minimum elong	-10265 Sep 04 j 08:20	0°♋33'06	0°20'31
	-10265 Sep 04 j 18:05	30°℞♊	
min. Earth dist.	-10265 Sep 04 j 23:25	29°♊41'56	0.66830 AU
morning rise	-10265 Sep 09 j 16:48	24°♊11'44	
direct	-10265 Sep 14 j 23:39	21°♊57'16	
morning max el	-10265 Sep 26 j 01:48	28°♊35'18	24°14'45
	-10265 Sep 27 j 10:18	0°♋	
	-10265 Oct 19 j 14:50	0°♌	
desc. node	-10265 Oct 20 j 01:35	0°♌41'28	
morning set	-10265 Oct 31 j 14:51	19°♌32'10	
max. Earth dist.	-10265 Nov 04 j 15:37	26°♌36'45	1.38427 AU
	-10265 Nov 06 j 12:37	0°♍	

superior conj	-10265 Nov 11 j 15:48	9°♍34'44	-1°41'31
minimum elong	-10265 Nov 11 j 15:09	9°♍31'39	1°41'15
evening rise	-10265 Nov 20 j 08:28	26°♍33'58	
	-10265 Nov 22 j 02:34	0°♎	
asc. node	-10265 Nov 30 j 06:21	14°♎42'50	
evening max el	-10265 Dec 07 j 00:03	23°♎23'53	18°57'20
retrograde	-10265 Dec 15 j 10:52	27°♎27'08	
evening set	-10265 Dec 17 j 22:50	27°♎07'20	
inferior conj	-10265 Dec 25 j 20:54	22°♎47'48	4°09'16
minimum elong	-10265 Dec 25 j 23:04	22°♎43'54	4°08'57
min. Earth dist.	-10265 Dec 28 j 22:59	20°♎35'57	0.57758 AU
morning rise	-10264 Jan 02 j 21:12	17°♎45'43	
direct	-10264 Jan 08 j 10:46	16°♎31'59	
desc. node	-10264 Jan 16 j 02:55	18°♎48'11	
morning max el	-10264 Jan 22 j 12:51	23°♎45'32	25°33'28
	-10264 Jan 28 j 04:46	0°♏	
	-10264 Feb 15 j 13:48	0°♐	
morning set	-10264 Feb 18 j 22:37	6°♐54'06	
superior conj	-10264 Feb 25 j 22:02	21°♐55'45	-0°02'37
minimum elong	-10264 Feb 25 j 22:10	21°♐56'29	0°03'09
behind sun begin	-10264 Feb 25 j 17:14	21°♐29'34	
behind sun end	-10264 Feb 26 j 03:07	22°♐23'24	
asc. node	-10264 Feb 26 j 04:26	22°♐30'33	
max. Earth dist.	-10264 Feb 26 j 18:16	23°♐45'46	1.32972 AU
	-10264 Feb 29 j 15:44	0°♑	
evening rise	-10264 Mar 04 j 03:27	7°♑18'43	
	-10264 Mar 16 j 06:55	0°♒	
evening max el	-10264 Apr 04 j 09:05	25°♒36'38	27°07'42
	-10264 Apr 09 j 17:06	0°♓	
desc. node	-10264 Apr 13 j 02:34	1°♓53'36	
retrograde	-10264 Apr 18 j 09:55	3°♓05'56	
evening set	-10264 Apr 25 j 02:10	1°♓01'57	
	-10264 Apr 26 j 15:06	30°℞♒	
min. Earth dist.	-10264 Apr 28 j 22:04	28°♒10'26	0.61112 AU
inferior conj	-10264 May 02 j 03:43	25°♒17'07	-3°32'49
minimum elong	-10264 May 02 j 02:27	25°♒19'59	3°33'07
morning rise	-10264 May 09 j 04:42	20°♒24'30	
direct	-10264 May 11 j 18:21	19°♒56'51	
morning max el	-10264 May 18 j 16:19	23°♒22'33	18°05'20
	-10264 May 23 j 23:23	0°♓	
asc. node	-10264 May 24 j 04:20	0°♓18'32	
morning set	-10264 Jun 03 j 21:17	18°♓52'57	
	-10264 Jun 09 j 23:33	0°♈	
superior conj	-10264 Jun 14 j 10:52	7°♈56'56	1°49'20
minimum elong	-10264 Jun 14 j 11:48	8°♈01'04	1°49'20
max. Earth dist.	-10264 Jun 21 j 18:36	20°♈27'18	1.41848 AU
	-10264 Jun 27 j 14:53	0°♉	
evening rise	-10264 Jun 28 j 05:55	1°♉00'08	
desc. node	-10264 Jul 09 j 23:48	19°♉07'45	
	-10264 Jul 17 j 11:16	0°♊	
evening max el	-10264 Jul 30 j 16:09	16°♊39'43	22°02'25
retrograde	-10264 Aug 08 j 21:09	22°♊07'10	
evening set	-10264 Aug 13 j 08:08	20°♊19'20	
inferior conj	-10264 Aug 18 j 14:26	14°♊06'58	-0°30'52
minimum elong	-10264 Aug 18 j 15:05	14°♊04'43	0°30'05
min. Earth dist.	-10264 Aug 18 j 18:39	13°♊52'22	0.67178 AU
asc. node	-10264 Aug 20 j 04:53	11°♊55'47	
morning rise	-10264 Aug 23 j 21:54	7°♊48'18	
direct	-10264 Aug 28 j 14:38	5°♊52'36	
morning max el	-10264 Sep 07 j 13:03	11°♊51'02	22°50'15
	-10264 Sep 21 j 21:09	0°♋	
desc. node	-10264 Oct 05 j 22:26	21°♋03'30	
morning set	-10264 Oct 11 j 08:59	29°♋47'22	
	-10264 Oct 11 j 12:04	0°♌	
max. Earth dist.	-10264 Oct 16 j 14:11	8°♌30'08	1.40424 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10264 Oct 24 j 05:50	21♌57'32	-1°33'41
minimum elong	-10264 Oct 24 j 03:00	21♌44'43	1°33'06
	-10264 Oct 28 j 14:37	0°♍	
evening rise	-10264 Nov 02 j 23:28	10°♍07'53	
	-10264 Nov 14 j 05:59	0°♎	
asc. node	-10264 Nov 16 j 03:37	2°♎39'10	
evening max el	-10264 Nov 19 j 04:20	6°♎07'46	18°22'40
retrograde	-10264 Nov 26 j 15:05	9°♎49'31	
evening set	-10264 Nov 29 j 03:13	9°♎25'36	
inferior conj	-10264 Dec 06 j 12:05	4°♎45'16	4°14'25
minimum elong	-10264 Dec 06 j 10:52	4°♎47'47	4°14'22
min. Earth dist.	-10264 Dec 09 j 17:44	2°♎05'40	0.59573 AU
	-10264 Dec 12 j 15:33	30°℞♍	
morning rise	-10264 Dec 13 j 16:50	29°♍22'12	
direct	-10264 Dec 20 j 06:11	27°♍29'49	
	-10264 Dec 28 j 03:27	0°♎	
desc. node	-10263 Jan 01 j 23:41	3°♎39'06	
morning max el	-10263 Jan 03 j 07:50	4°♎53'36	26°45'48
	-10263 Jan 21 j 20:58	0°♏	
morning set	-10263 Feb 02 j 09:13	21°♏53'38	
	-10263 Feb 06 j 04:42	0°♐	
superior conj	-10263 Feb 09 j 09:47	6°♐59'37	-0°25'43
minimum elong	-10263 Feb 09 j 10:51	7°♐05'25	0°26'01
max. Earth dist.	-10263 Feb 09 j 07:40	6°♐48'02	1.32766 AU
asc. node	-10263 Feb 12 j 01:33	12°♐47'14	
evening rise	-10263 Feb 16 j 11:20	22°♐11'18	
	-10263 Feb 20 j 07:51	0°♑	
	-10263 Mar 10 j 19:38	0°♒	
evening max el	-10263 Mar 17 j 09:49	7°♒20'42	26°16'53
desc. node	-10263 Mar 30 j 23:46	14°♒40'39	
retrograde	-10263 Mar 31 j 13:04	14°♒41'25	
evening set	-10263 Apr 06 j 11:29	13°♒12'59	
min. Earth dist.	-10263 Apr 10 j 23:08	10°♒23'23	0.59109 AU
inferior conj	-10263 Apr 14 j 07:18	7°♒48'05	-3°04'58
minimum elong	-10263 Apr 14 j 03:59	7°♒54'32	3°04'56
morning rise	-10263 Apr 21 j 23:23	3°♒15'28	
direct	-10263 Apr 24 j 09:12	2°♒54'57	
morning max el	-10263 May 02 j 02:09	6°♒37'04	18°27'40
asc. node	-10263 May 11 j 01:10	19°♒00'43	
	-10263 May 17 j 01:21	0°♓	
morning set	-10263 May 18 j 05:51	2°♓15'42	
superior conj	-10263 May 27 j 14:54	19°♓59'16	1°47'04
minimum elong	-10263 May 27 j 13:14	19°♓51'37	1°46'52
	-10263 Jun 02 j 04:16	0°♈	
max. Earth dist.	-10263 Jun 03 j 20:50	2°♈57'09	1.40038 AU
evening rise	-10263 Jun 08 j 11:48	10°♈48'50	
	-10263 Jun 20 j 13:45	0°♉	
desc. node	-10263 Jun 26 j 21:11	9°♉17'51	
evening max el	-10263 Jul 13 j 05:13	0°♊00'26	23°23'42
	-10263 Jul 13 j 05:02	0°♊	
retrograde	-10263 Jul 23 j 13:49	6°♊08'56	
evening set	-10263 Jul 28 j 15:16	4°♊00'03	
	-10263 Aug 01 j 04:57	30°℞♉	
inferior conj	-10263 Aug 02 j 20:45	27°♉44'50	-1°19'03
minimum elong	-10263 Aug 02 j 22:21	27°♉39'20	1°18'01
min. Earth dist.	-10263 Aug 02 j 14:29	28°♉06'26	0.67234 AU
asc. node	-10263 Aug 07 j 01:50	22°♉31'55	
morning rise	-10263 Aug 08 j 05:20	21°♉30'58	
direct	-10263 Aug 12 j 09:24	19°♉53'52	
morning max el	-10263 Aug 21 j 04:38	25°♉09'27	21°28'52
	-10263 Aug 25 j 10:14	0°♊	
	-10263 Sep 15 j 09:11	0°♋	
morning set	-10263 Sep 21 j 01:21	8°♋49'24	
desc. node	-10263 Sep 22 j 19:21	11°♋35'39	
max. Earth dist.	-10263 Sep 28 j 17:55	21°♋11'31	1.42258 AU

	-10263 Oct 04 j 00:31	0°♌	
superior conj	-10263 Oct 05 j 21:44	3°♌13'03	-1°13'46
minimum elong	-10263 Oct 05 j 17:08	2°♌53'19	1°12'48
evening rise	-10263 Oct 17 j 02:13	23°♌03'30	
	-10263 Oct 20 j 22:27	0°♍	
evening max el	-10263 Nov 02 j 14:33	19°♍13'08	18°08'01
asc. node	-10263 Nov 03 j 00:52	19°♍38'10	
retrograde	-10263 Nov 09 j 10:55	22°♍45'30	
evening set	-10263 Nov 12 j 00:29	22°♍15'59	
inferior conj	-10263 Nov 18 j 21:13	17°♍14'04	3°54'16
minimum elong	-10263 Nov 18 j 18:01	17°♍21'38	3°53'57
min. Earth dist.	-10263 Nov 21 j 19:40	14°♍28'10	0.61439 AU
morning rise	-10263 Nov 25 j 10:23	11°♍33'54	
direct	-10263 Dec 02 j 11:11	9°♍10'20	
morning max el	-10263 Dec 16 j 09:06	16°♍39'57	27°27'30
desc. node	-10263 Dec 19 j 20:25	20°♍17'39	
	-10263 Dec 27 j 12:27	0°♎	
	-10262 Jan 14 j 08:18	0°♏	
morning set	-10262 Jan 17 j 16:11	6°♏40'49	
max. Earth dist.	-10262 Jan 23 j 20:06	19°♏44'53	1.32893 AU
superior conj	-10262 Jan 24 j 21:16	22°♏01'35	-0°47'26
minimum elong	-10262 Jan 24 j 23:03	22°♏11'19	0°47'32
	-10262 Jan 28 j 13:15	0°♐	
asc. node	-10262 Jan 29 j 22:44	3°♐00'15	
evening rise	-10262 Jan 31 j 21:52	7°♐10'15	
	-10262 Feb 13 j 00:46	0°♑	
evening max el	-10262 Feb 27 j 05:25	18°♑31'22	25°00'00
retrograde	-10262 Mar 13 j 05:05	25°♑34'56	
desc. node	-10262 Mar 17 j 20:54	24°♑44'55	
evening set	-10262 Mar 18 j 01:57	24°♑40'23	
min. Earth dist.	-10262 Mar 23 j 18:42	21°♑39'28	0.57292 AU
inferior conj	-10262 Mar 26 j 15:45	19°♑43'32	-2°07'07
minimum elong	-10262 Mar 26 j 11:48	19°♑50'13	2°06'40
morning rise	-10262 Apr 04 j 00:50	15°♑28'57	
direct	-10262 Apr 06 j 07:16	15°♑13'46	
morning max el	-10262 Apr 15 j 05:34	19°♑26'40	19°09'39
	-10262 Apr 23 j 06:14	0°♒	
asc. node	-10262 Apr 27 j 22:04	8°♒15'09	
morning set	-10262 May 02 j 01:26	16°♒15'31	
	-10262 May 09 j 00:27	0°♓	
superior conj	-10262 May 10 j 13:36	3°♓00'12	1°35'46
minimum elong	-10262 May 10 j 10:46	2°♓46'31	1°35'12
max. Earth dist.	-10262 May 16 j 21:22	14°♓52'45	1.38166 AU
evening rise	-10262 May 20 j 21:06	22°♓00'20	
	-10262 May 25 j 13:18	0°♈	
desc. node	-10262 Jun 13 j 18:34	29°♈06'53	
	-10262 Jun 14 j 10:21	0°♉	
evening max el	-10262 Jun 25 j 15:26	13°♉22'40	24°44'40
retrograde	-10262 Jul 07 j 02:46	20°♉07'38	
evening set	-10262 Jul 12 j 19:12	17°♉39'22	
min. Earth dist.	-10262 Jul 17 j 08:28	12°♉22'38	0.66974 AU
inferior conj	-10262 Jul 18 j 02:02	11°♉23'43	-2°02'58
minimum elong	-10262 Jul 18 j 04:19	11°♉16'06	2°01'54
morning rise	-10262 Jul 23 j 13:22	5°♉18'11	
asc. node	-10262 Jul 24 j 22:45	4°♉29'20	
direct	-10262 Jul 27 j 06:37	3°♉58'15	
morning max el	-10262 Aug 04 j 02:34	8°♉34'15	20°16'45
	-10262 Aug 19 j 21:35	0°♊	
morning set	-10262 Aug 31 j 03:47	17°♊15'17	
	-10262 Sep 08 j 06:39	0°♋	
desc. node	-10262 Sep 09 j 16:20	2°♋14'03	
max. Earth dist.	-10262 Sep 11 j 04:41	4°♋39'22	1.43669 AU
superior conj	-10262 Sep 16 j 10:33	13°♋09'18	-0°40'19

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10262 Sep 16 j 06:37	12°♋53'09	0°39'16
	-10262 Sep 26 j 11:54	0°♌	
evening rise	-10262 Sep 29 j 12:09	5°♌10'21	
	-10262 Oct 14 j 22:23	0°♍	
evening max el	-10262 Oct 17 j 03:41	2°♍31'57	18°12'27
asc. node	-10262 Oct 20 j 22:07	5°♍23'58	
retrograde	-10262 Oct 23 j 18:20	6°♍05'22	
evening set	-10262 Oct 26 j 11:01	5°♍28'20	
inferior conj	-10262 Nov 01 j 21:00	0°♍06'37	3°18'08
minimum elong	-10262 Nov 01 j 17:16	0°♍16'32	3°17'34
	-10262 Nov 01 j 23:29	30°℞♌	
min. Earth dist.	-10262 Nov 04 j 07:12	27°♌32'08	0.63142 AU
morning rise	-10262 Nov 07 j 22:45	24°♌11'59	
direct	-10262 Nov 14 j 23:47	21°♌30'40	
morning max el	-10262 Nov 28 j 15:49	29°♌03'54	27°34'16
	-10262 Nov 29 j 14:23	0°♍	
desc. node	-10262 Dec 06 j 17:07	8°♍12'51	
	-10262 Dec 21 j 07:23	0°♎	
morning set	-10261 Jan 01 j 17:06	21°♎06'20	
	-10261 Jan 06 j 00:53	0°♏	
max. Earth dist.	-10261 Jan 07 j 03:48	2°♏22'11	1.33381 AU
superior conj	-10261 Jan 09 j 06:42	6°♏54'07	-1°07'00
minimum elong	-10261 Jan 09 j 08:54	7°♏06'00	1°06'58
evening rise	-10261 Jan 16 j 09:12	22°♏07'49	
asc. node	-10261 Jan 16 j 19:59	23°♏04'11	
	-10261 Jan 20 j 05:40	0°♐	
evening max el	-10261 Feb 08 j 22:32	29°♐22'55	23°28'20
	-10261 Feb 09 j 14:36	0°♑	
retrograde	-10261 Feb 22 j 08:27	5°♑57'07	
evening set	-10261 Feb 26 j 03:00	5°♑25'53	
desc. node	-10261 Mar 04 j 17:58	2°♑26'56	
min. Earth dist.	-10261 Mar 05 j 10:49	2°♑02'15	0.55972 AU
inferior conj	-10261 Mar 07 j 04:47	0°♑59'35	-0°37'57
minimum elong	-10261 Mar 07 j 03:11	1°♑01'58	0°38'02
	-10261 Mar 08 j 21:09	30°℞♐	
morning rise	-10261 Mar 16 j 05:45	26°♐56'38	
direct	-10261 Mar 18 j 11:26	26°♐44'05	
	-10261 Mar 27 j 00:19	0°♑	
morning max el	-10261 Mar 28 j 23:44	1°♑41'30	20°11'29
asc. node	-10261 Apr 14 j 18:59	27°♑53'17	
	-10261 Apr 15 j 20:14	0°♒	
morning set	-10261 Apr 16 j 04:43	0°♒42'51	
superior conj	-10261 Apr 24 j 01:53	16°♒45'19	1°18'31
minimum elong	-10261 Apr 23 j 22:57	16°♒30'35	1°17'41
max. Earth dist.	-10261 Apr 29 j 01:57	26°♒35'38	1.36446 AU
	-10261 Apr 30 j 20:56	0°♓	
evening rise	-10261 May 03 j 05:41	4°♓23'46	
	-10261 May 18 j 11:22	0°♈	
desc. node	-10261 May 31 j 15:59	18°♈25'57	
evening max el	-10261 Jun 08 j 01:21	26°♈46'18	25°57'01
	-10261 Jun 11 j 15:25	0°♉	
retrograde	-10261 Jun 20 j 11:24	3°♉58'18	
evening set	-10261 Jun 26 j 17:53	1°♉15'42	
	-10261 Jun 28 j 01:23	30°℞♈	
min. Earth dist.	-10261 Jun 30 j 22:15	26°♈38'08	0.66358 AU
inferior conj	-10261 Jul 02 j 04:27	25°♈01'45	-2°41'06
minimum elong	-10261 Jul 02 j 07:01	24°♈53'31	2°40'14
morning rise	-10261 Jul 07 j 20:14	19°♈07'43	
direct	-10261 Jul 11 j 04:36	18°♈02'52	
asc. node	-10261 Jul 11 j 19:38	18°♈05'04	
morning max el	-10261 Jul 18 j 07:09	22°♈06'40	19°17'56
	-10261 Jul 24 j 14:29	0°♉	
morning set	-10261 Aug 10 j 12:43	26°♉02'21	
	-10261 Aug 13 j 01:03	0°♊	
max. Earth dist.	-10261 Aug 24 j 20:19	18°♊37'11	1.44467 AU
superior conj	-10261 Aug 26 j 21:35	21°♊52'37	0°04'01
minimum elong	-10261 Aug 26 j 22:09	21°♊54'52	0°04'31
behind sun begin	-10261 Aug 26 j 11:14	21°♊11'29	
behind sun end	-10261 Aug 27 j 09:04	22°♊38'17	
desc. node	-10261 Aug 27 j 13:26	22°♊55'37	
	-10261 Aug 31 j 23:40	0°♋	
evening rise	-10261 Sep 10 j 23:53	16°♋15'46	
	-10261 Sep 19 j 09:08	0°♌	
evening max el	-10261 Sep 30 j 16:50	15°♌58'32	18°34'59
retrograde	-10261 Oct 07 j 09:20	19°♌41'57	
asc. node	-10261 Oct 07 j 19:20	19°♌40'59	
evening set	-10261 Oct 10 j 07:12	18°♌54'55	
inferior conj	-10261 Oct 16 j 08:01	13°♌16'32	2°32'44
minimum elong	-10261 Oct 16 j 04:45	13°♌26'08	2°32'10
min. Earth dist.	-10261 Oct 18 j 04:58	11°♌04'57	0.64571 AU
morning rise	-10261 Oct 22 j 01:44	7°♌10'12	
direct	-10261 Oct 28 j 19:17	4°♌24'39	
morning max el	-10261 Nov 11 j 01:37	11°♌56'53	27°07'52
desc. node	-10261 Nov 23 j 13:49	27°♌02'34	
	-10261 Nov 25 j 15:52	0°♍	
	-10261 Dec 13 j 18:02	0°♎	
morning set	-10261 Dec 16 j 09:01	5°♎00'31	
max. Earth dist.	-10261 Dec 21 j 03:02	14°♎29'24	1.34271 AU
superior conj	-10261 Dec 24 j 12:10	21°♎30'45	-1°23'25
minimum elong	-10261 Dec 24 j 14:23	21°♎42'22	1°23'21
	-10261 Dec 28 j 12:22	0°♏	
evening rise	-10261 Dec 31 j 19:43	6°♏57'58	
asc. node	-10260 Jan 03 j 17:15	12°♏53'45	
	-10260 Jan 13 j 08:32	0°♐	
evening max el	-10260 Jan 21 j 18:32	10°♐19'30	21°55'26
retrograde	-10260 Feb 03 j 01:39	16°♐11'01	
evening set	-10260 Feb 06 j 01:08	15°♐51'15	
inferior conj	-10260 Feb 15 j 04:15	11°♐46'43	1°09'20
minimum elong	-10260 Feb 15 j 07:13	11°♐42'29	1°07'50
min. Earth dist.	-10260 Feb 15 j 01:28	11°♐50'40	0.55413 AU
desc. node	-10260 Feb 19 j 14:57	9°♐23'36	
morning rise	-10260 Feb 24 j 13:44	7°♐41'34	
direct	-10260 Feb 27 j 03:12	7°♐26'46	
morning max el	-10260 Mar 10 j 06:56	13°♐16'12	21°31'37
	-10260 Mar 22 j 12:32	0°♑	
morning set	-10260 Mar 30 j 13:07	15°♑29'50	
asc. node	-10260 Mar 31 j 15:57	17°♑48'50	
	-10260 Apr 06 j 11:43	0°♒	
superior conj	-10260 Apr 06 j 23:49	1°♒02'52	0°57'37
minimum elong	-10260 Apr 06 j 21:26	0°♒50'34	0°56'42
max. Earth dist.	-10260 Apr 10 j 15:19	8°♒30'38	1.35028 AU
evening rise	-10260 Apr 15 j 07:50	17°♒43'05	
	-10260 Apr 22 j 00:45	0°♓	
	-10260 May 11 j 16:28	0°♈	
desc. node	-10260 May 17 j 13:24	7°♈02'10	
evening max el	-10260 May 20 j 11:57	10°♈05'58	26°52'14
retrograde	-10260 Jun 02 j 15:11	17°♈33'41	
evening set	-10260 Jun 09 j 08:45	14°♈45'39	
min. Earth dist.	-10260 Jun 13 j 05:41	10°♈46'46	0.65359 AU
inferior conj	-10260 Jun 15 j 01:50	8°♈35'33	-3°11'32
minimum elong	-10260 Jun 15 j 04:12	8°♈28'30	3°11'04
morning rise	-10260 Jun 20 j 23:57	2°♈55'43	
direct	-10260 Jun 24 j 01:18	2°♈03'40	
asc. node	-10260 Jun 27 j 16:28	3°♈13'42	
morning max el	-10260 Jun 30 j 17:01	5°♈44'05	18°34'46
	-10260 Jul 17 j 05:42	0°♉	
morning set	-10260 Jul 20 j 19:12	5°♉49'24	
superior conj	-10260 Aug 04 j 21:11	0°♊05'15	0°49'51
minimum elong	-10260 Aug 05 j 02:49	0°♊27'36	0°49'41

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10260 Aug 04 j 19:52	0°♊	
max. Earth dist.	-10260 Aug 06 j 13:05	2°♊43'18	1.44567 AU
desc. node	-10260 Aug 13 j 10:37	13°♊36'40	
evening rise	-10260 Aug 21 j 08:48	26°♊07'04	
	-10260 Aug 23 j 19:47	0°♋	
evening max el	-10260 Sep 13 j 03:13	29°♋27'09	19°14'38
	-10260 Sep 13 j 16:19	0°♌	
retrograde	-10260 Sep 20 j 04:28	3°♌29'04	
evening set	-10260 Sep 23 j 09:52	2°♌28'58	
asc. node	-10260 Sep 23 j 16:29	2°♌18'18	
	-10260 Sep 26 j 07:08	30°℞♋	
inferior conj	-10260 Sep 29 j 03:11	26°♋37'15	1°42'25
minimum elong	-10260 Sep 29 j 00:52	26°♋44'34	1°42'08
min. Earth dist.	-10260 Sep 30 j 11:35	24°♋55'02	0.65690 AU
morning rise	-10260 Oct 04 j 15:30	20°♋22'46	
direct	-10260 Oct 10 j 21:02	17°♋43'46	
morning max el	-10260 Oct 23 j 11:47	25°♋05'10	26°14'12
	-10260 Oct 28 j 00:32	0°♌	
desc. node	-10260 Nov 09 j 10:32	16°♌30'21	
	-10260 Nov 18 j 02:39	0°♍	
morning set	-10260 Nov 28 j 11:59	18°♍11'02	
max. Earth dist.	-10260 Dec 02 j 15:09	26°♍03'40	1.35590 AU
	-10260 Dec 04 j 15:07	0°♎	
superior conj	-10260 Dec 07 j 11:17	5°♎43'32	-1°35'29
minimum elong	-10260 Dec 07 j 12:56	5°♎51'56	1°35'23
evening rise	-10260 Dec 15 j 03:36	21°♎34'42	
	-10260 Dec 19 j 08:37	0°♏	
asc. node	-10260 Dec 20 j 14:34	2°♏22'45	
evening max el	-10259 Jan 02 j 22:28	21°♏41'51	20°32'37
retrograde	-10259 Jan 13 j 16:40	26°♏44'50	
evening set	-10259 Jan 16 j 07:27	26°♏28'10	
inferior conj	-10259 Jan 25 j 02:22	22°♏29'20	2°46'53
minimum elong	-10259 Jan 25 j 08:03	22°♏20'55	2°45'00
min. Earth dist.	-10259 Jan 26 j 15:31	21°♏34'29	0.55734 AU
morning rise	-10259 Feb 03 j 07:03	18°♏06'10	
desc. node	-10259 Feb 05 j 11:50	17°♏43'05	
direct	-10259 Feb 06 j 18:51	17°♏39'20	
morning max el	-10259 Feb 20 j 03:49	24°♏14'43	23°05'09
	-10259 Feb 25 j 08:05	0°♐	
	-10259 Mar 14 j 18:50	0°♑	
morning set	-10259 Mar 15 j 00:32	0°♑29'38	
asc. node	-10259 Mar 18 j 12:59	7°♑56'38	
superior conj	-10259 Mar 22 j 04:23	15°♑43'34	0°34'44
minimum elong	-10259 Mar 22 j 02:55	15°♑35'44	0°33'53
max. Earth dist.	-10259 Mar 24 j 14:49	20°♑52'06	1.33962 AU
	-10259 Mar 29 j 01:47	0°♒	
evening rise	-10259 Mar 29 j 22:39	1°♒43'39	
	-10259 Apr 14 j 22:58	0°♓	
evening max el	-10259 May 02 j 22:37	23°♓13'18	27°22'39
desc. node	-10259 May 04 j 10:45	24°♓38'00	
	-10259 May 12 j 13:53	0°♈	
retrograde	-10259 May 16 j 13:31	0°♈46'16	
	-10259 May 20 j 07:55	30°℞♓	
evening set	-10259 May 23 j 12:54	28°♓05'11	
min. Earth dist.	-10259 May 27 j 05:03	24°♓40'27	0.63970 AU
inferior conj	-10259 May 29 j 15:44	22°♓01'37	-3°31'42
minimum elong	-10259 May 29 j 17:15	21°♓57'32	3°31'42
morning rise	-10259 Jun 04 j 22:19	16°♓38'22	
direct	-10259 Jun 07 j 18:20	15°♓56'59	
morning max el	-10259 Jun 14 j 06:08	19°♓23'22	18°08'50
asc. node	-10259 Jun 14 j 13:18	19°♓41'34	
	-10259 Jun 22 j 03:00	0°♈	
morning set	-10259 Jul 02 j 03:21	16°♈48'30	
	-10259 Jul 09 j 22:43	0°♉	
superior conj	-10259 Jul 15 j 08:00	8°♉52'23	1°25'27
minimum elong	-10259 Jul 15 j 14:10	9°♉17'29	1°25'14
max. Earth dist.	-10259 Jul 20 j 04:15	16°♉41'21	1.43974 AU
	-10259 Jul 28 j 14:33	0°♊	
desc. node	-10259 Jul 31 j 07:52	4°♊14'19	
evening rise	-10259 Jul 31 j 17:37	4°♊52'10	
	-10259 Aug 17 j 07:42	0°♋	
evening max el	-10259 Aug 27 j 08:33	12°♋55'01	20°09'53
retrograde	-10259 Sep 04 j 01:08	17°♋23'45	
evening set	-10259 Sep 07 j 16:26	16°♋07'14	
asc. node	-10259 Sep 10 j 13:34	13°♋23'24	
inferior conj	-10259 Sep 13 j 04:01	10°♋05'22	0°50'13
minimum elong	-10259 Sep 13 j 02:52	10°♋09'12	0°50'20
min. Earth dist.	-10259 Sep 14 j 00:56	8°♋55'50	0.66502 AU
morning rise	-10259 Sep 18 j 13:04	3°♋46'28	
direct	-10259 Sep 24 j 04:27	1°♋21'35	
morning max el	-10259 Oct 05 j 21:14	8°♋18'46	25°01'31
	-10259 Oct 22 j 23:43	0°♌	
desc. node	-10259 Oct 27 j 07:17	6°♌25'18	
morning set	-10259 Nov 10 j 21:00	0°♍23'42	
	-10259 Nov 10 j 15:39	0°♍	
max. Earth dist.	-10259 Nov 14 j 17:16	7°♍21'11	1.37309 AU
superior conj	-10259 Nov 21 j 00:58	19°♍23'31	-1°41'34
minimum elong	-10259 Nov 21 j 01:22	19°♍25'28	1°41'23
	-10259 Nov 26 j 08:49	0°♎	
evening rise	-10259 Nov 29 j 06:56	5°♎52'25	
asc. node	-10259 Dec 07 j 11:51	21°♎23'42	
	-10259 Dec 13 j 05:40	0°♏	
evening max el	-10259 Dec 16 j 12:35	3°♏38'21	19°26'32
retrograde	-10259 Dec 25 j 17:17	7°♏59'18	
evening set	-10259 Dec 28 j 05:51	7°♏41'10	
inferior conj	-10258 Jan 05 j 11:50	3°♏32'13	3°50'41
minimum elong	-10258 Jan 05 j 16:01	3°♏25'18	3°49'48
min. Earth dist.	-10258 Jan 08 j 05:19	1°♏44'47	0.56855 AU
	-10258 Jan 11 j 04:23	30°℞♎	
morning rise	-10258 Jan 13 j 23:59	28°♎44'21	
direct	-10258 Jan 18 j 19:59	27°♎51'03	
desc. node	-10258 Jan 23 j 08:40	28°♎38'31	
	-10258 Jan 26 j 08:30	0°♏	
morning max el	-10258 Feb 01 j 18:49	4°♏54'53	24°41'55
	-10258 Feb 19 j 15:14	0°♐	
morning set	-10258 Feb 27 j 13:01	15°♐34'42	
asc. node	-10258 Mar 05 j 10:02	28°♐11'20	
	-10258 Mar 06 j 06:06	0°♑	
superior conj	-10258 Mar 06 j 13:13	0°♑38'31	0°11'03
minimum elong	-10258 Mar 06 j 12:46	0°♑36'05	0°10'23
behind sun begin	-10258 Mar 06 j 08:54	0°♑15'13	
behind sun end	-10258 Mar 06 j 16:37	0°♑56'56	
max. Earth dist.	-10258 Mar 07 j 22:34	3°♑38'29	1.33243 AU
evening rise	-10258 Mar 13 j 22:16	16°♑12'03	
	-10258 Mar 21 j 02:06	0°♒	
	-10258 Apr 09 j 20:09	0°♓	
evening max el	-10258 Apr 15 j 07:14	5°♓55'37	27°22'38
desc. node	-10258 Apr 21 j 08:03	10°♓47'52	
retrograde	-10258 Apr 29 j 05:16	13°♓26'43	
evening set	-10258 May 06 j 02:52	11°♓06'01	
min. Earth dist.	-10258 May 09 j 19:15	8°♓06'04	0.62233 AU
inferior conj	-10258 May 12 j 19:07	5°♓12'59	-3°37'46
minimum elong	-10258 May 12 j 19:02	5°♓13'12	3°38'05
morning rise	-10258 May 19 j 12:34	0°♓08'25	
	-10258 May 19 j 21:38	30°℞♒	
direct	-10258 May 22 j 04:26	29°♒36'03	
	-10258 May 24 j 10:34	0°♓	
morning max el	-10258 May 28 j 20:05	2°♓58'38	18°01'08
asc. node	-10258 Jun 01 j 10:08	7°♓12'13	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10258 Jun 14 j 10:04	28°♓52'30	
	-10258 Jun 15 j 01:10	0°♈	
superior conj	-10258 Jun 25 j 20:05	18°♈54'08	1°45'02
minimum elong	-10258 Jun 25 j 23:05	19°♈06'53	1°45'02
	-10258 Jul 02 j 11:40	0°♉	
max. Earth dist.	-10258 Jul 02 j 15:33	0°♉15'50	1.42767 AU
evening rise	-10258 Jul 10 j 18:27	13°♉15'43	
desc. node	-10258 Jul 18 j 05:10	24°♉44'55	
	-10258 Jul 21 j 16:53	0°♊	
evening max el	-10258 Aug 10 j 07:17	26°♊19'46	21°18'28
	-10258 Aug 14 j 16:25	0°♋	
retrograde	-10258 Aug 18 j 21:23	1°♋23'33	
	-10258 Aug 22 j 18:10	30°℞♊	
evening set	-10258 Aug 23 j 00:44	29°♊47'36	
inferior conj	-10258 Aug 28 j 08:25	23°♊38'25	-0°01'45
minimum elong	-10258 Aug 28 j 08:27	23°♊38'21	0°01'11
transit middle	-10258 Aug 28 j 08:27	23°♊38'21	0°01'11
transit begin	-10258 Aug 28 j 05:45	23°♊47'37	
transit end	-10258 Aug 28 j 11:09	23°♊29'04	
asc. node	-10258 Aug 28 j 10:35	23°♊31'00	
min. Earth dist.	-10258 Aug 28 j 18:37	23°♊03'29	0.67016 AU
morning rise	-10258 Sep 02 j 16:00	17°♊18'52	
direct	-10258 Sep 07 j 16:51	15°♊12'06	
morning max el	-10258 Sep 18 j 07:05	21°♊33'31	23°38'55
	-10258 Sep 25 j 13:35	0°♋	
desc. node	-10258 Oct 14 j 04:05	26°♋39'25	
	-10258 Oct 16 j 07:05	0°♌	
morning set	-10258 Oct 23 j 06:32	11°♌24'17	
max. Earth dist.	-10258 Oct 27 j 15:25	18°♌54'38	1.39277 AU
	-10258 Nov 02 j 19:14	0°♍	
superior conj	-10258 Nov 04 j 01:09	2°♍19'02	-1°39'32
minimum elong	-10258 Nov 03 j 23:36	2°♍11'51	1°39'09
evening rise	-10258 Nov 13 j 03:18	19°♍44'55	
	-10258 Nov 18 j 12:55	0°♎	
asc. node	-10258 Nov 24 j 09:08	9°♎47'17	
evening max el	-10258 Nov 29 j 12:18	16°♎07'09	18°40'09
retrograde	-10258 Dec 07 j 11:24	19°♎59'27	
evening set	-10258 Dec 09 j 23:31	19°♎37'55	
inferior conj	-10258 Dec 17 j 15:49	15°♎09'39	4°15'16
minimum elong	-10258 Dec 17 j 16:27	15°♎08'27	4°15'09
min. Earth dist.	-10258 Dec 20 j 21:01	12°♎43'46	0.58507 AU
morning rise	-10258 Dec 25 j 07:30	9°♎58'30	
direct	-10258 Dec 31 j 08:44	8°♎28'18	
desc. node	-10257 Jan 10 j 05:27	12°♎12'25	
morning max el	-10257 Jan 14 j 10:51	15°♎46'05	26°07'25
	-10257 Jan 26 j 00:36	0°♏	
	-10257 Feb 11 j 17:28	0°♐	
morning set	-10257 Feb 12 j 00:52	0°♐38'39	
superior conj	-10257 Feb 19 j 00:24	15°♐41'07	-0°12'31
minimum elong	-10257 Feb 19 j 00:57	15°♐44'06	0°12'57
behind sun begin	-10257 Feb 18 j 22:05	15°♐28'27	
behind sun end	-10257 Feb 19 j 03:49	15°♐59'44	
max. Earth dist.	-10257 Feb 19 j 11:09	16°♐39'44	1.32854 AU
asc. node	-10257 Feb 20 j 07:09	18°♐28'46	
	-10257 Feb 25 j 16:33	0°♑	
evening rise	-10257 Feb 26 j 03:50	0°♑58'31	
	-10257 Mar 14 j 04:53	0°♒	
evening max el	-10257 Mar 28 j 11:17	18°♒02'11	26°49'42
desc. node	-10257 Apr 08 j 05:17	24°♒59'17	
retrograde	-10257 Apr 11 j 13:12	25°♒27'35	
evening set	-10257 Apr 17 j 23:17	23°♒38'18	
min. Earth dist.	-10257 Apr 22 j 00:25	20°♒49'31	0.60270 AU
inferior conj	-10257 Apr 25 j 08:26	18°♒01'19	-3°24'17
minimum elong	-10257 Apr 25 j 06:15	18°♒05'58	3°24'30
morning rise	-10257 May 02 j 15:31	13°♒17'07	
direct	-10257 May 05 j 03:42	12°♒52'30	
morning max el	-10257 May 12 j 08:14	16°♒23'08	18°12'24
asc. node	-10257 May 19 j 06:57	25°♒31'42	
	-10257 May 21 j 22:54	0°♓	
morning set	-10257 May 28 j 10:32	11°♓49'52	
superior conj	-10257 Jun 07 j 10:53	0°♈16'06	1°49'43
minimum elong	-10257 Jun 07 j 10:32	0°♈14'35	1°49'39
	-10257 Jun 07 j 07:17	0°♈	
max. Earth dist.	-10257 Jun 14 j 21:18	13°♈12'39	1.41109 AU
evening rise	-10257 Jun 20 j 09:36	22°♈20'51	
	-10257 Jun 25 j 04:34	0°♉	
desc. node	-10257 Jul 05 j 02:32	15°♉04'09	
	-10257 Jul 15 j 18:52	0°♊	
evening max el	-10257 Jul 23 j 23:20	9°♊40'57	22°36'34
retrograde	-10257 Aug 02 j 15:41	15°♊25'35	
evening set	-10257 Aug 07 j 08:50	13°♊28'30	
inferior conj	-10257 Aug 12 j 14:32	7°♊14'40	-0°51'47
minimum elong	-10257 Aug 12 j 15:37	7°♊10'56	0°50'51
min. Earth dist.	-10257 Aug 12 j 14:17	7°♊15'32	0.67241 AU
asc. node	-10257 Aug 15 j 07:35	3°♊39'04	
morning rise	-10257 Aug 17 j 22:18	0°♊57'54	
	-10257 Aug 19 j 08:10	30°℞♉	
direct	-10257 Aug 22 j 09:26	29°♉10'23	
	-10257 Aug 25 j 16:12	0°♊	
morning max el	-10257 Aug 31 j 19:55	4°♊50'03	22°14'55
	-10257 Sep 19 j 20:42	0°♋	
desc. node	-10257 Oct 01 j 00:56	17°♋06'10	
morning set	-10257 Oct 03 j 13:04	21°♋05'51	
	-10257 Oct 08 j 23:36	0°♌	
max. Earth dist.	-10257 Oct 09 j 16:17	1°♌09'43	1.41239 AU
superior conj	-10257 Oct 17 j 06:27	14°♌14'42	-1°26'52
minimum elong	-10257 Oct 17 j 02:43	13°♌58'12	1°26'06
	-10257 Oct 25 j 22:04	0°♍	
evening rise	-10257 Oct 27 j 13:35	3°♍03'44	
asc. node	-10257 Nov 11 j 06:26	27°♍20'57	
evening max el	-10257 Nov 12 j 19:22	29°♍00'30	18°14'02
	-10257 Nov 13 j 21:15	0°♎	
retrograde	-10257 Nov 19 j 22:59	2°♎37'16	
evening set	-10257 Nov 22 j 11:29	2°♎11'10	
	-10257 Nov 26 j 09:57	30°℞♍	
inferior conj	-10257 Nov 29 j 14:59	27°♍21'12	4°08'22
minimum elong	-10257 Nov 29 j 12:44	27°♍26'10	4°08'15
min. Earth dist.	-10257 Dec 02 j 18:20	24°♍36'39	0.60370 AU
morning rise	-10257 Dec 06 j 12:33	21°♍50'22	
direct	-10257 Dec 13 j 08:03	19°♍43'42	
morning max el	-10257 Dec 27 j 08:37	27°♍10'01	27°07'48
desc. node	-10257 Dec 28 j 02:10	27°♍53'01	
	-10257 Dec 30 j 02:46	0°♎	
	-10256 Jan 19 j 10:58	0°♏	
morning set	-10256 Jan 27 j 10:12	15°♏33'57	
max. Earth dist.	-10256 Feb 03 j 00:44	29°♏41'54	1.32781 AU
	-10256 Feb 03 j 04:03	0°♐	
superior conj	-10256 Feb 03 j 12:14	0°♐44'41	-0°35'08
minimum elong	-10256 Feb 03 j 13:38	0°♐52'19	0°35'21
asc. node	-10256 Feb 07 j 04:20	8°♐44'21	
evening rise	-10256 Feb 10 j 13:04	15°♐54'24	
	-10256 Feb 17 j 16:02	0°♑	
evening max el	-10256 Mar 09 j 09:29	29°♑30'08	25°46'40
	-10256 Mar 09 j 22:10	0°♒	
retrograde	-10256 Mar 23 j 11:55	6°♒45'08	
desc. node	-10256 Mar 25 j 02:28	6°♒38'49	
evening set	-10256 Mar 29 j 00:21	5°♒31'35	
min. Earth dist.	-10256 Apr 02 j 22:33	2°♒38'53	0.58300 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10256 Apr 06 j 04:08	0°♒17'48	-2°44'24
minimum elong	-10256 Apr 06 j 00:16	0°♒24'52	2°44'08
	-10256 Apr 06 j 13:53	30°℞♉	
morning rise	-10256 Apr 14 j 03:22	25°♉53'41	
direct	-10256 Apr 16 j 11:44	25°♉35'40	
morning max el	-10256 Apr 24 j 15:46	29°♉28'36	18°43'08
	-10256 Apr 25 j 04:38	0°♒	
asc. node	-10256 May 05 j 03:50	14°♒28'44	
morning set	-10256 May 11 j 00:15	25°♒29'44	
	-10256 May 13 j 07:56	0°♓	
superior conj	-10256 May 19 j 23:36	12°♓45'57	1°43'12
minimum elong	-10256 May 19 j 21:17	12°♓35'02	1°42'50
max. Earth dist.	-10256 May 26 j 22:15	25°♓26'33	1.39233 AU
	-10256 May 29 j 12:49	0°♈	
evening rise	-10256 May 31 j 03:19	2°♈45'03	
	-10256 Jun 17 j 10:05	0°♉	
desc. node	-10256 Jun 20 j 23:57	5°♉06'44	
evening max el	-10256 Jul 05 j 10:41	23°♉01'44	23°58'34
retrograde	-10256 Jul 16 j 07:01	29°♉27'10	
evening set	-10256 Jul 21 j 14:53	27°♉09'24	
inferior conj	-10256 Jul 26 j 20:38	20°♉53'29	-1°38'20
minimum elong	-10256 Jul 26 j 22:34	20°♉46'56	1°37'14
min. Earth dist.	-10256 Jul 26 j 09:36	21°♉31'12	0.67162 AU
morning rise	-10256 Aug 01 j 06:12	14°♉42'53	
asc. node	-10256 Aug 01 j 04:30	14°♉46'08	
direct	-10256 Aug 05 j 05:19	13°♉13'33	
morning max el	-10256 Aug 13 j 14:14	18°♉11'53	20°56'49
	-10256 Aug 23 j 00:08	0°♊	
morning set	-10256 Sep 11 j 21:22	29°♊46'34	
	-10256 Sep 12 j 00:48	0°♋	
desc. node	-10256 Sep 16 j 21:54	7°♋41'37	
max. Earth dist.	-10256 Sep 20 j 23:04	14°♋12'12	1.42920 AU
superior conj	-10256 Sep 27 j 11:12	24°♋56'56	-1°01'12
minimum elong	-10256 Sep 27 j 06:27	24°♋36'55	1°00'08
	-10256 Sep 30 j 10:41	0°♌	
evening rise	-10256 Oct 09 j 09:51	15°♌40'09	
	-10256 Oct 17 j 14:41	0°♍	
evening max el	-10256 Oct 26 j 07:07	12°♍11'46	18°07'36
asc. node	-10256 Oct 28 j 03:42	13°♍50'32	
retrograde	-10256 Nov 02 j 00:16	15°♍43'45	
evening set	-10256 Nov 04 j 14:47	15°♍11'27	
inferior conj	-10256 Nov 11 j 06:47	10°♍00'53	3°40'24
minimum elong	-10256 Nov 11 j 03:12	10°♍09'48	3°39'58
min. Earth dist.	-10256 Nov 14 j 00:24	7°♍17'44	0.62188 AU
morning rise	-10256 Nov 17 j 14:34	4°♍13'53	
direct	-10256 Nov 24 j 16:30	1°♍40'52	
morning max el	-10256 Dec 08 j 12:39	9°♍13'20	27°34'40
desc. node	-10256 Dec 13 j 22:52	15°♍06'56	
	-10256 Dec 24 j 18:26	0°♎	
morning set	-10255 Jan 10 j 14:55	0°♏12'48	
	-10255 Jan 10 j 12:24	0°♏	
max. Earth dist.	-10255 Jan 16 j 11:29	12°♏30'57	1.33048 AU
superior conj	-10255 Jan 17 j 23:03	15°♏43'02	-0°56'04
minimum elong	-10255 Jan 18 j 01:04	15°♏53'56	0°56'06
asc. node	-10255 Jan 24 j 01:33	28°♏53'45	
	-10255 Jan 24 j 14:04	0°♐	
evening rise	-10255 Jan 25 j 00:07	0°♐52'52	
	-10255 Feb 10 j 07:16	0°♉	
evening max el	-10255 Feb 19 j 03:20	10°♉29'23	24°22'01
retrograde	-10255 Mar 04 j 23:06	17°♉23'03	
evening set	-10255 Mar 09 j 08:08	16°♉40'00	
desc. node	-10255 Mar 11 j 23:34	15°♉35'44	
min. Earth dist.	-10255 Mar 15 j 16:32	13°♉30'39	0.56645 AU
inferior conj	-10255 Mar 18 j 04:03	11°♉55'59	-1°32'45
minimum elong	-10255 Mar 18 j 00:41	12°♉01'22	1°32'21
morning rise	-10255 Mar 26 j 20:21	7°♉47'41	
direct	-10255 Mar 29 j 01:35	7°♉34'12	
morning max el	-10255 Apr 07 j 15:39	12°♉04'49	19°33'36
	-10255 Apr 19 j 23:26	0°♒	
asc. node	-10255 Apr 22 j 00:44	3°♒53'55	
morning set	-10255 Apr 24 j 23:27	9°♒42'00	
superior conj	-10255 May 03 j 04:39	26°♒07'20	1°29'02
minimum elong	-10255 May 03 j 01:40	25°♒52'41	1°28'20
	-10255 May 05 j 04:23	0°♓	
max. Earth dist.	-10255 May 08 j 23:16	7°♓11'24	1.37400 AU
evening rise	-10255 May 12 j 23:13	14°♓29'09	
	-10255 May 22 j 02:02	0°♈	
desc. node	-10255 Jun 07 j 21:24	24°♈44'33	
	-10255 Jun 12 j 01:32	0°♉	
evening max el	-10255 Jun 17 j 20:24	6°♉24'25	25°17'00
retrograde	-10255 Jun 29 j 18:22	13°♉23'01	
evening set	-10255 Jul 05 j 16:52	10°♉47'55	
min. Earth dist.	-10255 Jul 10 j 02:11	5°♉47'27	0.66754 AU
inferior conj	-10255 Jul 11 j 00:57	4°♉32'27	-2°19'59
minimum elong	-10255 Jul 11 j 03:24	4°♉24'21	2°18'58
	-10255 Jul 14 j 19:51	30°℞♈	
morning rise	-10255 Jul 16 j 13:57	28°♈31'15	
asc. node	-10255 Jul 19 j 01:23	27°♈24'39	
direct	-10255 Jul 20 j 03:05	27°♈18'06	
	-10255 Jul 25 j 20:57	0°♉	
morning max el	-10255 Jul 27 j 15:02	1°♉39'52	19°49'51
	-10255 Aug 16 j 16:42	0°♊	
morning set	-10255 Aug 21 j 23:56	8°♊13'58	
max. Earth dist.	-10255 Sep 03 j 11:33	27°♊52'16	1.44091 AU
desc. node	-10255 Sep 03 j 18:58	28°♊21'48	
	-10255 Sep 04 j 19:34	0°♋	
superior conj	-10255 Sep 07 j 12:13	4°♋19'28	-0°22'27
minimum elong	-10255 Sep 07 j 09:46	4°♋09'35	0°21'33
evening rise	-10255 Sep 21 j 10:57	27°♋21'57	
	-10255 Sep 23 j 00:22	0°♌	
evening max el	-10255 Oct 09 j 20:36	25°♌34'28	18°19'56
asc. node	-10255 Oct 15 j 00:54	29°♌00'05	
retrograde	-10255 Oct 16 j 11:13	29°♌10'58	
evening set	-10255 Oct 19 j 05:48	28°♌30'07	
inferior conj	-10255 Oct 25 j 11:42	23°♌01'15	2°59'41
minimum elong	-10255 Oct 25 j 08:05	23°♌11'18	2°59'05
min. Earth dist.	-10255 Oct 27 j 16:24	20°♌35'06	0.63789 AU
morning rise	-10255 Oct 31 j 09:40	17°♌01'16	
direct	-10255 Nov 07 j 08:25	14°♌16'12	
morning max el	-10255 Nov 20 j 20:50	21°♌50'22	27°26'46
	-10255 Nov 28 j 03:19	0°♍	
desc. node	-10255 Nov 30 j 19:35	3°♍27'34	
	-10255 Dec 17 j 20:08	0°♎	
morning set	-10255 Dec 25 j 12:26	14°♎26'24	
max. Earth dist.	-10255 Dec 30 j 15:45	24°♎55'11	1.33698 AU
superior conj	-10254 Jan 02 j 07:06	0°♏30'00	-1°14'25
minimum elong	-10254 Jan 02 j 09:22	0°♏42'06	1°14'22
	-10254 Jan 02 j 01:28	0°♏	
evening rise	-10254 Jan 09 j 11:18	15°♏48'02	
asc. node	-10254 Jan 10 j 22:49	18°♏52'19	
	-10254 Jan 16 j 15:45	0°♐	
evening max el	-10254 Jan 31 j 21:12	21°♐21'11	22°48'23
retrograde	-10254 Feb 13 j 21:33	27°♐38'18	
evening set	-10254 Feb 17 j 06:30	27°♐13'28	
min. Earth dist.	-10254 Feb 25 j 08:17	23°♐36'08	0.55622 AU
inferior conj	-10254 Feb 26 j 10:17	22°♐58'25	0°06'43
minimum elong	-10254 Feb 26 j 10:33	22°♐58'02	0°06'03
transit middle	-10254 Feb 26 j 10:33	22°♐58'02	0°06'03

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

transit begin	-10254 Feb 26 j 06:48	23°♐03'30	
transit end	-10254 Feb 26 j 14:19	22°♐52'35	
desc. node	-10254 Feb 26 j 20:35	22°♐43'30	
morning rise	-10254 Mar 07 j 16:08	18°♐56'07	
direct	-10254 Mar 09 j 23:36	18°♐43'23	
morning max el	-10254 Mar 21 j 05:17	24°♐03'22	20°43'26
	-10254 Mar 26 j 09:33	0°♑	
asc. node	-10254 Apr 08 j 21:42	23°♑40'32	
morning set	-10254 Apr 09 j 05:15	24°♑19'00	
	-10254 Apr 11 j 23:31	0°♒	
superior conj	-10254 Apr 16 j 21:29	10°♒07'46	1°10'00
minimum elong	-10254 Apr 16 j 18:43	9°♒53'44	1°09'06
max. Earth dist.	-10254 Apr 21 j 07:13	18°♒57'14	1.35806 AU
evening rise	-10254 Apr 25 j 16:02	27°♒19'07	
	-10254 Apr 27 j 02:47	0°♓	
	-10254 May 15 j 09:36	0°♈	
desc. node	-10254 May 25 j 18:47	13°♈47'19	
evening max el	-10254 May 31 j 06:48	19°♈48'08	26°23'05
retrograde	-10254 Jun 13 j 00:58	27°♈07'48	
evening set	-10254 Jun 19 j 12:32	24°♈21'58	
min. Earth dist.	-10254 Jun 23 j 13:38	20°♈00'47	0.65986 AU
inferior conj	-10254 Jun 25 j 01:31	18°♈09'21	-2°55'05
minimum elong	-10254 Jun 25 j 04:04	18°♈01'23	2°54'22
morning rise	-10254 Jun 30 j 19:44	12°♈20'42	
direct	-10254 Jul 04 j 00:56	11°♈21'27	
asc. node	-10254 Jul 05 j 22:16	11°♈41'07	
morning max el	-10254 Jul 10 j 21:58	15°♈14'11	18°57'24
	-10254 Jul 21 j 17:50	0°♉	
morning set	-10254 Aug 01 j 16:50	17°♉23'15	
	-10254 Aug 09 j 15:06	0°♊	
max. Earth dist.	-10254 Aug 17 j 03:59	11°♊55'33	1.44605 AU
superior conj	-10254 Aug 17 j 15:48	12°♊42'15	0°24'02
minimum elong	-10254 Aug 17 j 18:49	12°♊54'12	0°24'12
desc. node	-10254 Aug 21 j 16:06	19°♊03'30	
	-10254 Aug 28 j 12:58	0°♋	
evening rise	-10254 Sep 02 j 11:30	7°♋56'09	
	-10254 Sep 16 j 09:31	0°♌	
evening max el	-10254 Sep 23 j 08:57	9°♌02'42	18°49'54
retrograde	-10254 Sep 30 j 04:11	12°♌52'31	
asc. node	-10254 Oct 01 j 22:04	12°♌35'11	
evening set	-10254 Oct 03 j 05:04	12°♌00'12	
inferior conj	-10254 Oct 09 j 02:29	6°♌15'53	2°11'46
minimum elong	-10254 Oct 08 j 23:35	6°♌24'42	2°11'17
min. Earth dist.	-10254 Oct 10 j 17:58	4°♌16'19	0.65091 AU
morning rise	-10254 Oct 14 j 17:38	0°♌05'56	
	-10254 Oct 14 j 20:29	30°℞♋	
direct	-10254 Oct 21 j 06:37	27°♋21'59	
	-10254 Oct 28 j 12:26	0°♌	
morning max el	-10254 Nov 03 j 06:45	4°♌50'19	26°47'54
desc. node	-10254 Nov 17 j 16:16	22°♌35'01	
	-10254 Nov 22 j 16:11	0°♍	
morning set	-10254 Dec 08 j 23:19	28°♍03'06	
	-10254 Dec 09 j 23:40	0°♎	
max. Earth dist.	-10254 Dec 13 j 10:20	6°♎47'25	1.34779 AU
superior conj	-10254 Dec 17 j 10:10	14°♎57'26	-1°29'10
minimum elong	-10254 Dec 17 j 12:13	15°♎08'05	1°29'05
evening rise	-10254 Dec 24 j 20:54	0°♏33'07	
	-10254 Dec 24 j 14:30	0°♏	
asc. node	-10254 Dec 28 j 20:05	8°♏33'50	
	-10253 Jan 11 j 11:02	0°♐	
evening max el	-10253 Jan 13 j 20:10	2°♐26'49	21°18'31
retrograde	-10253 Jan 25 j 11:53	7°♐57'05	
evening set	-10253 Jan 28 j 06:49	7°♐39'17	
inferior conj	-10253 Feb 06 j 07:23	3°♐39'37	1°53'37
minimum elong	-10253 Feb 06 j 12:00	3°♐33'02	1°51'45
min. Earth dist.	-10253 Feb 06 j 22:22	3°♐18'15	0.55443 AU
desc. node	-10253 Feb 13 j 17:30	0°♐00'55	
	-10253 Feb 13 j 18:37	30°℞♏	
morning rise	-10253 Feb 15 j 16:37	29°♏28'39	
direct	-10253 Feb 18 j 14:07	29°♏10'07	
	-10253 Feb 23 j 05:39	0°♐	
morning max el	-10253 Mar 03 j 07:36	5°♐20'19	22°10'14
	-10253 Mar 20 j 01:18	0°♑	
morning set	-10253 Mar 24 j 15:10	9°♑12'10	
asc. node	-10253 Mar 26 j 18:42	13°♑41'44	
superior conj	-10253 Mar 31 j 22:32	24°♑35'45	0°48'04
minimum elong	-10253 Mar 31 j 20:31	24°♑25'10	0°47'10
	-10253 Apr 03 j 12:50	0°♒	
max. Earth dist.	-10253 Apr 04 j 01:17	1°♒03'59	1.34535 AU
evening rise	-10253 Apr 09 j 00:05	10°♒57'22	
	-10253 Apr 19 j 12:35	0°♓	
	-10253 May 10 j 18:49	0°♈	
desc. node	-10253 May 12 j 16:09	2°♈00'21	
evening max el	-10253 May 13 j 17:48	3°♈04'31	27°08'35
retrograde	-10253 May 27 j 02:17	10°♈34'32	
evening set	-10253 Jun 02 j 23:13	7°♈47'57	
min. Earth dist.	-10253 Jun 06 j 17:47	4°♈04'27	0.64823 AU
inferior conj	-10253 Jun 08 j 20:04	1°♈40'34	-3°21'32
minimum elong	-10253 Jun 08 j 22:09	1°♈34'34	3°21'17
	-10253 Jun 10 j 07:51	30°℞♓	
morning rise	-10253 Jun 14 j 21:30	26°♓07'26	
direct	-10253 Jun 17 j 20:31	25°♓19'59	
asc. node	-10253 Jun 22 j 19:08	27°♓25'29	
morning max el	-10253 Jun 24 j 09:28	28°♓52'51	18°21'32
	-10253 Jun 25 j 10:39	0°♈	
morning set	-10253 Jul 13 j 10:25	27°♈41'47	
	-10253 Jul 14 j 19:42	0°♉	
superior conj	-10253 Jul 27 j 17:33	21°♉02'02	1°06'45
minimum elong	-10253 Jul 28 j 00:04	21°♉28'07	1°06'30
max. Earth dist.	-10253 Jul 30 j 21:06	26°♉03'01	1.44404 AU
	-10253 Aug 02 j 08:57	0°♊	
desc. node	-10253 Aug 08 j 13:18	9°♊43'37	
evening rise	-10253 Aug 13 j 09:14	17°♊17'17	
	-10253 Aug 21 j 13:22	0°♋	
greatest brilliancy	-10253 Aug 24 j 10:57	4°♋27'00	-0.7m
evening max el	-10253 Sep 06 j 17:28	22°♋31'45	19°36'19
retrograde	-10253 Sep 14 j 00:18	26°♋43'49	
evening set	-10253 Sep 17 j 09:43	25°♋36'56	
asc. node	-10253 Sep 18 j 19:11	24°♋31'32	
inferior conj	-10253 Sep 23 j 00:21	19°♋40'20	1°20'23
minimum elong	-10253 Sep 22 j 22:32	19°♋46'15	1°20'14
min. Earth dist.	-10253 Sep 24 j 03:38	18°♋12'05	0.66074 AU
morning rise	-10253 Sep 28 j 11:04	13°♋23'41	
direct	-10253 Oct 04 j 10:41	10°♋50'19	
morning max el	-10253 Oct 16 j 16:44	18°♋02'24	25°45'08
	-10253 Oct 26 j 20:26	0°♌	
desc. node	-10253 Nov 04 j 13:00	12°♌15'44	
	-10253 Nov 15 j 15:36	0°♍	
morning set	-10253 Nov 21 j 19:16	10°♍50'36	
max. Earth dist.	-10253 Nov 25 j 18:10	18°♍13'17	1.36286 AU
superior conj	-10253 Dec 01 j 05:40	28°♍57'21	-1°38'55
minimum elong	-10253 Dec 01 j 06:52	29°♍03'24	1°38'48
	-10253 Dec 01 j 18:08	0°♎	
evening rise	-10253 Dec 09 j 03:07	15°♎02'40	
asc. node	-10253 Dec 15 j 17:21	27°♎51'45	
	-10253 Dec 16 j 22:10	0°♏	
evening max el	-10253 Dec 27 j 04:10	14°♏02'23	20°02'06
retrograde	-10252 Jan 06 j 05:50	18°♏46'28	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10252 Jan 08 j 19:17	18°♏29'28	
inferior conj	-10252 Jan 17 j 08:54	14°♏27'26	3°18'53
minimum elong	-10252 Jan 17 j 14:25	14°♏18'55	3°17'21
min. Earth dist.	-10252 Jan 19 j 11:48	13°♏09'20	0.56130 AU
morning rise	-10252 Jan 26 j 07:39	9°♏54'13	
direct	-10252 Jan 30 j 08:31	9°♏18'08	
desc. node	-10252 Jan 31 j 14:22	9°♏21'40	
morning max el	-10252 Feb 13 j 01:12	16°♏07'11	23°46'50
	-10252 Feb 24 j 01:03	0°♐	
morning set	-10252 Mar 08 j 03:14	24°♐14'33	
	-10252 Mar 10 j 20:25	0°♑	
asc. node	-10252 Mar 12 j 15:43	3°♑52'29	
superior conj	-10252 Mar 15 j 05:08	9°♑22'46	0°24'43
minimum elong	-10252 Mar 15 j 04:06	9°♑17'10	0°23'56
max. Earth dist.	-10252 Mar 17 j 04:40	13°♑36'23	1.33612 AU
evening rise	-10252 Mar 22 j 18:59	25°♑10'12	
	-10252 Mar 25 j 05:53	0°♒	
	-10252 Apr 12 j 00:47	0°♓	
evening max el	-10252 Apr 25 j 03:42	16°♓01'31	27°26'33
desc. node	-10252 Apr 28 j 13:29	19°♓02'47	
retrograde	-10252 May 08 j 21:49	23°♓34'24	
evening set	-10252 May 15 j 21:45	21°♓00'01	
min. Earth dist.	-10252 May 19 j 13:04	17°♓47'40	0.63269 AU
inferior conj	-10252 May 22 j 05:51	15°♓00'36	-3°36'18
minimum elong	-10252 May 22 j 06:46	14°♓58'13	3°36'28
morning rise	-10252 May 28 j 16:46	9°♓45'23	
direct	-10252 May 31 j 10:57	9°♓08'00	
morning max el	-10252 Jun 06 j 23:19	12°♓31'08	18°03'22
asc. node	-10252 Jun 08 j 15:58	14°♓21'42	
	-10252 Jun 18 j 22:05	0°♈	
morning set	-10252 Jun 24 j 04:42	9°♈09'31	
	-10252 Jul 06 j 09:50	0°♉	
superior conj	-10252 Jul 06 j 14:17	0°♉18'27	1°35'45
minimum elong	-10252 Jul 06 j 19:20	0°♉39'20	1°35'40
max. Earth dist.	-10252 Jul 12 j 11:06	9°♉53'37	1.43525 AU
evening rise	-10252 Jul 22 j 11:57	25°♉45'31	
desc. node	-10252 Jul 25 j 10:34	0°♊18'35	
	-10252 Jul 25 j 05:45	0°♊	
	-10252 Aug 14 j 18:09	0°♋	
evening max el	-10252 Aug 19 j 20:00	5°♋57'44	20°37'32
retrograde	-10252 Aug 27 j 21:07	10°♋40'54	
evening set	-10252 Aug 31 j 17:17	9°♋16'21	
asc. node	-10252 Sep 04 j 16:16	5°♋06'08	
inferior conj	-10252 Sep 06 j 02:58	3°♋10'45	0°28'02
minimum elong	-10252 Sep 06 j 02:19	3°♋12'55	0°28'21
min. Earth dist.	-10252 Sep 06 j 19:11	2°♋15'56	0.66755 AU
	-10252 Sep 08 j 12:45	30°℞♊	
morning rise	-10252 Sep 11 j 11:10	26°♊50'58	
direct	-10252 Sep 16 j 20:10	24°♊33'44	
	-10252 Sep 26 j 18:41	0°♋	
morning max el	-10252 Sep 28 j 02:20	1°♋17'17	24°27'03
	-10252 Oct 19 j 21:19	0°♌	
desc. node	-10252 Oct 21 j 09:45	2°♌19'21	
morning set	-10252 Nov 02 j 18:56	22°♌33'56	
max. Earth dist.	-10252 Nov 06 j 17:49	29°♌33'33	1.38131 AU
	-10252 Nov 06 j 23:40	0°♍	
superior conj	-10252 Nov 13 j 14:06	12°♍19'12	-1°41'50
minimum elong	-10252 Nov 13 j 13:45	12°♍17'31	1°41'36
evening rise	-10252 Nov 22 j 03:47	29°♍10'03	
	-10252 Nov 22 j 13:54	0°♎	
asc. node	-10252 Dec 01 j 14:38	16°♎37'49	
evening max el	-10252 Dec 08 j 22:27	26°♎12'28	19°04'16
	-10252 Dec 15 j 02:19	0°♏	
retrograde	-10252 Dec 17 j 13:39	0°♏19'55	
evening set	-10252 Dec 20 j 01:41	0°♏00'38	
	-10252 Dec 20 j 02:41	30°℞♎	
inferior conj	-10252 Dec 28 j 01:49	25°♎44'08	4°05'40
minimum elong	-10252 Dec 28 j 04:33	25°♎39'21	4°05'12
min. Earth dist.	-10252 Dec 31 j 02:16	23°♎37'56	0.57508 AU
morning rise	-10251 Jan 05 j 05:12	20°♎45'28	
direct	-10251 Jan 10 j 14:23	19°♎37'16	
desc. node	-10251 Jan 17 j 11:10	21°♎26'29	
morning max el	-10251 Jan 24 j 16:02	26°♎49'01	25°20'40
	-10251 Jan 27 j 17:35	0°♏	
	-10251 Feb 16 j 01:23	0°♐	
morning set	-10251 Feb 20 j 15:40	9°♐19'49	
superior conj	-10251 Feb 27 j 15:12	24°♐21'48	0°00'59
minimum elong	-10251 Feb 27 j 15:11	24°♐21'41	0°00'25
behind sun begin	-10251 Feb 27 j 10:09	23°♐54'19	
behind sun end	-10251 Feb 27 j 20:13	24°♐49'02	
asc. node	-10251 Feb 27 j 12:47	24°♐08'39	
max. Earth dist.	-10251 Feb 28 j 14:44	26°♐29'29	1.33029 AU
	-10251 Mar 02 j 05:44	0°♑	
evening rise	-10251 Mar 06 j 21:26	9°♑47'03	
	-10251 Mar 17 j 14:30	0°♒	
evening max el	-10251 Apr 07 j 10:26	28°♒28'54	27°12'39
	-10251 Apr 09 j 01:54	0°♓	
desc. node	-10251 Apr 15 j 10:46	4°♓26'37	
retrograde	-10251 Apr 21 j 10:47	5°♓59'03	
evening set	-10251 Apr 28 j 04:41	3°♓50'25	
min. Earth dist.	-10251 May 01 j 23:19	0°♓57'10	0.61404 AU
	-10251 May 03 j 00:55	30°℞♒	
inferior conj	-10251 May 05 j 03:42	28°♒03'09	-3°34'54
minimum elong	-10251 May 05 j 02:45	28°♒05'20	3°35'13
morning rise	-10251 May 12 j 02:38	23°♒07'25	
direct	-10251 May 14 j 16:48	22°♒38'38	
morning max el	-10251 May 21 j 12:55	26°♒03'17	18°03'40
	-10251 May 24 j 22:25	0°♓	
asc. node	-10251 May 26 j 12:48	2°♓14'50	
morning set	-10251 Jun 06 j 19:37	21°♓37'41	
	-10251 Jun 11 j 10:14	0°♈	
superior conj	-10251 Jun 17 j 14:13	10°♈55'52	1°48'38
minimum elong	-10251 Jun 17 j 15:41	11°♈02'12	1°48'39
max. Earth dist.	-10251 Jun 24 j 19:40	23°♈11'46	1.42098 AU
	-10251 Jun 28 j 23:34	0°♉	
evening rise	-10251 Jul 01 j 16:29	4°♉19'47	
desc. node	-10251 Jul 12 j 07:55	20°♉44'59	
	-10251 Jul 18 j 14:54	0°♊	
evening max el	-10251 Aug 02 j 15:45	19°♊20'43	21°50'45
retrograde	-10251 Aug 11 j 16:49	24°♊41'55	
evening set	-10251 Aug 16 j 01:45	22°♊57'18	
inferior conj	-10251 Aug 21 j 08:21	16°♊45'41	-0°23'19
minimum elong	-10251 Aug 21 j 08:50	16°♊44'00	0°22'33
min. Earth dist.	-10251 Aug 21 j 14:09	16°♊25'41	0.67148 AU
asc. node	-10251 Aug 22 j 13:18	15°♊06'25	
morning rise	-10251 Aug 26 j 15:48	10°♊26'35	
direct	-10251 Aug 31 j 10:37	8°♊27'56	
morning max el	-10251 Sep 10 j 13:07	14°♊32'31	23°02'44
	-10251 Sep 23 j 00:03	0°♋	
desc. node	-10251 Oct 08 j 06:35	22°♋39'10	
	-10251 Oct 12 j 20:56	0°♌	
morning set	-10251 Oct 14 j 17:07	3°♌00'45	
max. Earth dist.	-10251 Oct 19 j 15:52	11°♌20'05	1.40130 AU
superior conj	-10251 Oct 27 j 06:57	24°♌50'51	-1°35'37
minimum elong	-10251 Oct 27 j 04:27	24°♌39'28	1°35'05
	-10251 Oct 30 j 01:55	0°♍	
evening rise	-10251 Nov 05 j 20:17	12°♍48'47	
	-10251 Nov 15 j 08:15	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10251 Nov 18 j 11:56	4°♎41'44	
evening max el	-10251 Nov 22 j 01:41	8°♎52'49	18°26'37
retrograde	-10251 Nov 29 j 15:16	12°♎36'44	
evening set	-10251 Dec 02 j 03:23	12°♎13'28	
inferior conj	-10251 Dec 09 j 14:09	7°♎36'24	4°15'32
minimum elong	-10251 Dec 09 j 13:23	7°♎37'58	4°15'29
min. Earth dist.	-10251 Dec 12 j 20:08	4°♎59'37	0.59292 AU
morning rise	-10251 Dec 16 j 21:37	2°♎16'22	
direct	-10251 Dec 23 j 08:19	0°♎29'28	
desc. node	-10250 Jan 04 j 07:55	5°♎58'14	
morning max el	-10250 Jan 06 j 10:05	7°♎51'54	26°36'48
	-10250 Jan 23 j 03:30	0°♏	
morning set	-10250 Feb 05 j 02:39	24°♏20'37	
	-10250 Feb 07 j 18:44	0°♐	
superior conj	-10250 Feb 12 j 02:51	9°♐25'31	-0°22'16
minimum elong	-10250 Feb 12 j 03:47	9°♐30'36	0°22'37
max. Earth dist.	-10250 Feb 12 j 04:01	9°♐31'52	1.32777 AU
asc. node	-10250 Feb 14 j 09:54	14°♐25'37	
evening rise	-10250 Feb 19 j 04:48	24°♐38'21	
	-10250 Feb 21 j 19:47	0°♑	
	-10250 Mar 11 j 15:13	0°♒	
evening max el	-10250 Mar 20 j 12:08	10°♒18'59	26°26'21
desc. node	-10250 Apr 02 j 08:01	17°♒36'43	
retrograde	-10250 Apr 03 j 15:14	17°♒40'59	
evening set	-10250 Apr 09 j 16:55	16°♒07'13	
min. Earth dist.	-10250 Apr 14 j 01:30	13°♒18'11	0.59407 AU
inferior conj	-10250 Apr 17 j 09:56	10°♒38'56	-3°11'04
minimum elong	-10250 Apr 17 j 06:54	10°♒45'00	3°11'06
morning rise	-10250 Apr 24 j 23:35	6°♒03'13	
direct	-10250 Apr 27 j 10:02	5°♒41'40	
morning max el	-10250 May 04 j 23:26	9°♒20'26	18°23'04
asc. node	-10250 May 13 j 09:38	20°♒51'15	
	-10250 May 18 j 11:53	0°♓	
morning set	-10250 May 21 j 02:14	4°♓54'04	
superior conj	-10250 May 30 j 14:59	22°♓47'53	1°48'06
minimum elong	-10250 May 30 j 13:37	22°♓41'40	1°47'55
	-10250 Jun 03 j 14:59	0°♈	
max. Earth dist.	-10250 Jun 06 j 22:44	5°♈48'22	1.40321 AU
evening rise	-10250 Jun 11 j 18:20	13°♈56'25	
	-10250 Jun 21 j 20:29	0°♉	
desc. node	-10250 Jun 29 j 05:20	10°♉57'44	
	-10250 Jul 13 j 17:01	0°♊	
evening max el	-10250 Jul 16 j 05:36	2°♊41'48	23°11'27
retrograde	-10250 Jul 26 j 09:56	8°♊44'00	
evening set	-10250 Jul 31 j 09:13	6°♊38'11	
inferior conj	-10250 Aug 05 j 14:42	0°♊23'22	-1°12'02
minimum elong	-10250 Aug 05 j 16:10	0°♊18'18	1°11'00
min. Earth dist.	-10250 Aug 05 j 10:02	0°♊39'28	0.67246 AU
	-10250 Aug 05 j 21:29	30°℞♉	
asc. node	-10250 Aug 09 j 10:17	25°♉33'45	
morning rise	-10250 Aug 10 j 23:02	24°♉08'39	
direct	-10250 Aug 15 j 04:55	22°♉28'49	
morning max el	-10250 Aug 24 j 03:54	27°♉50'24	21°40'34
	-10250 Aug 26 j 03:39	0°♊	
	-10250 Sep 16 j 16:06	0°♋	
morning set	-10250 Sep 24 j 12:59	12°♋12'41	
desc. node	-10250 Sep 25 j 03:30	13°♋10'15	
max. Earth dist.	-10250 Oct 01 j 18:59	23°♋55'35	1.42007 AU
	-10250 Oct 05 j 10:15	0°♌	
superior conj	-10250 Oct 09 j 02:37	6°♌17'56	-1°17'40
minimum elong	-10250 Oct 08 j 22:11	5°♌58'46	1°16'45
evening rise	-10250 Oct 20 j 01:12	25°♌51'13	
	-10250 Oct 22 j 07:48	0°♍	
asc. node	-10250 Nov 05 j 09:14	21°♍50'41	

evening max el	-10250 Nov 05 j 11:15	21°♍55'44	18°08'57
retrograde	-10250 Nov 12 j 09:08	25°♍28'49	
evening set	-10250 Nov 14 j 22:26	25°♍00'10	
inferior conj	-10250 Nov 21 j 20:52	20°♍01'13	3°58'29
minimum elong	-10250 Nov 21 j 17:52	20°♍08'11	3°58'15
min. Earth dist.	-10250 Nov 24 j 20:45	17°♍15'10	0.61168 AU
morning rise	-10250 Nov 28 j 12:05	14°♍23'29	
direct	-10250 Dec 05 j 11:54	12°♍03'57	
morning max el	-10250 Dec 19 j 10:28	19°♍32'25	27°23'29
desc. node	-10250 Dec 22 j 04:37	22°♍22'36	
	-10250 Dec 28 j 11:08	0°♎	
	-10249 Jan 15 j 19:57	0°♏	
morning set	-10249 Jan 20 j 10:18	9°♏10'02	
max. Earth dist.	-10249 Jan 26 j 16:57	22°♏30'40	1.32857 AU
superior conj	-10249 Jan 27 j 14:29	24°♏27'55	-0°44'15
minimum elong	-10249 Jan 27 j 16:11	24°♏37'09	0°44'24
	-10249 Jan 30 j 03:26	0°♐	
asc. node	-10249 Feb 01 j 07:06	4°♐39'21	
evening rise	-10249 Feb 03 j 15:04	9°♐36'40	
	-10249 Feb 14 j 06:48	0°♑	
evening max el	-10249 Mar 02 j 08:21	21°♑33'22	25°12'37
retrograde	-10249 Mar 16 j 08:52	28°♑40'00	
desc. node	-10249 Mar 20 j 05:09	28°♑05'20	
evening set	-10249 Mar 21 j 09:57	27°♑40'48	
min. Earth dist.	-10249 Mar 26 j 21:31	24°♑42'26	0.57544 AU
inferior conj	-10249 Mar 29 j 21:19	22°♑39'31	-2°17'59
minimum elong	-10249 Mar 29 j 17:18	22°♑46'27	2°17'33
morning rise	-10249 Apr 07 j 03:50	18°♑22'36	
direct	-10249 Apr 09 j 10:49	18°♑06'42	
morning max el	-10249 Apr 18 j 03:57	22°♑13'48	19°02'08
	-10249 Apr 24 j 09:43	0°♒	
asc. node	-10249 Apr 30 j 06:30	10°♒00'53	
morning set	-10249 May 04 j 20:22	18°♒48'30	
	-10249 May 10 j 12:52	0°♓	
superior conj	-10249 May 13 j 11:13	5°♓40'37	1°37'56
minimum elong	-10249 May 13 j 08:28	5°♓27'29	1°37'25
max. Earth dist.	-10249 May 19 j 23:18	17°♓48'07	1.38438 AU
evening rise	-10249 May 23 j 23:38	24°♓55'09	
	-10249 May 26 j 22:49	0°♈	
	-10249 Jun 15 j 12:05	0°♉	
desc. node	-10249 Jun 16 j 02:47	0°♉50'26	
evening max el	-10249 Jun 28 j 16:02	16°♉03'17	24°32'58
retrograde	-10249 Jul 09 j 23:30	22°♉43'20	
evening set	-10249 Jul 15 j 13:47	20°♉17'36	
min. Earth dist.	-10249 Jul 20 j 04:23	14°♉55'19	0.67031 AU
inferior conj	-10249 Jul 20 j 20:15	14°♉01'51	-1°56'42
minimum elong	-10249 Jul 20 j 22:27	13°♉54'28	1°55'36
morning rise	-10249 Jul 26 j 07:05	7°♉55'02	
asc. node	-10249 Jul 27 j 07:12	7°♉16'52	
direct	-10249 Jul 30 j 01:48	6°♉32'45	
morning max el	-10249 Aug 07 j 00:54	11°♉14'12	20°26'47
	-10249 Aug 21 j 02:48	0°♊	
morning set	-10249 Sep 03 j 16:19	20°♊40'35	
	-10249 Sep 09 j 15:05	0°♋	
desc. node	-10249 Sep 12 j 00:31	3°♋47'59	
max. Earth dist.	-10249 Sep 14 j 05:01	7°♋18'12	1.43493 AU
superior conj	-10249 Sep 19 j 19:39	16°♋26'07	-0°46'14
minimum elong	-10249 Sep 19 j 15:21	16°♋08'25	0°45'09
	-10249 Sep 27 j 21:20	0°♌	
evening rise	-10249 Oct 02 j 14:01	8°♌06'17	
	-10249 Oct 15 j 18:51	0°♍	
evening max el	-10249 Oct 20 j 00:06	5°♍12'40	18°10'33
asc. node	-10249 Oct 23 j 06:30	7°♍48'30	
retrograde	-10249 Oct 26 j 15:10	8°♍45'28	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10249 Oct 29 j 07:12	8°♍09'44	
inferior conj	-10249 Nov 04 j 18:41	2°♍50'42	3°24'18
minimum elong	-10249 Nov 04 j 14:58	3°♍00'26	3°23'46
min. Earth dist.	-10249 Nov 07 j 06:49	0°♍13'36	0.62905 AU
	-10249 Nov 07 j 12:12	30°℞♌	
morning rise	-10249 Nov 10 j 21:54	26°♌57'52	
direct	-10249 Nov 17 j 23:22	24°♌18'23	
	-10249 Nov 29 j 16:23	0°♍	
morning max el	-10249 Dec 01 j 16:40	1°♍51'28	27°35'27
desc. node	-10249 Dec 09 j 01:17	10°♍07'30	
	-10249 Dec 22 j 15:06	0°♎	
morning set	-10248 Jan 04 j 12:19	23°♎39'10	
	-10248 Jan 07 j 14:35	0°♏	
max. Earth dist.	-10248 Jan 10 j 01:37	5°♏11'29	1.33286 AU
superior conj	-10248 Jan 12 j 00:20	9°♏21'54	-1°04'13
minimum elong	-10248 Jan 12 j 02:31	9°♏33'36	1°04'13
evening rise	-10248 Jan 19 j 02:23	24°♏34'26	
asc. node	-10248 Jan 19 j 04:20	24°♏44'40	
	-10248 Jan 21 j 17:30	0°♐	
	-10248 Feb 09 j 16:07	0°♑	
evening max el	-10248 Feb 12 j 01:26	2°♑25'40	23°42'17
retrograde	-10248 Feb 25 j 14:18	9°♑05'32	
evening set	-10248 Feb 29 j 12:26	8°♑31'36	
desc. node	-10248 Mar 06 j 02:10	6°♑04'15	
min. Earth dist.	-10248 Mar 07 j 13:58	5°♑12'05	0.56123 AU
inferior conj	-10248 Mar 09 j 13:01	4°♑00'48	-0°53'06
minimum elong	-10248 Mar 09 j 10:51	4°♑04'05	0°53'01
morning rise	-10248 Mar 18 j 11:56	29°♐57'01	
	-10248 Mar 18 j 05:52	30°℞♐	
direct	-10248 Mar 20 j 17:17	29°♐44'22	
	-10248 Mar 23 j 03:11	0°♑	
morning max el	-10248 Mar 30 j 23:41	4°♑34'23	20°01'06
asc. node	-10248 Apr 16 j 03:25	29°♑35'48	
	-10248 Apr 16 j 08:18	0°♒	
morning set	-10248 Apr 17 j 22:40	3°♒12'08	
superior conj	-10248 Apr 25 j 21:46	19°♒20'04	1°21'25
minimum elong	-10248 Apr 25 j 18:47	19°♒05'14	1°20'37
max. Earth dist.	-10248 May 01 j 02:47	29°♒30'40	1.36681 AU
	-10248 May 01 j 08:57	0°♓	
evening rise	-10248 May 05 j 05:06	7°♓08'49	
	-10248 May 18 j 17:58	0°♈	
desc. node	-10248 Jun 02 j 00:12	20°♈14'42	
evening max el	-10248 Jun 10 j 01:44	29°♈26'18	25°47'08
	-10248 Jun 10 j 15:31	0°♉	
retrograde	-10248 Jun 22 j 08:51	6°♉35'27	
evening set	-10248 Jun 28 j 13:21	3°♉54'24	
	-10248 Jul 02 j 03:25	30°℞♈	
min. Earth dist.	-10248 Jul 02 j 18:55	29°♈10'57	0.66471 AU
inferior conj	-10248 Jul 03 j 23:11	27°♈39'57	-2°35'48
minimum elong	-10248 Jul 04 j 01:45	27°♈31'42	2°34'54
morning rise	-10248 Jul 09 j 14:12	21°♈44'02	
direct	-10248 Jul 12 j 23:42	20°♈37'11	
asc. node	-10248 Jul 13 j 04:04	20°♈37'22	
morning max el	-10248 Jul 20 j 04:32	24°♈45'27	19°25'44
	-10248 Jul 24 j 13:57	0°♉	
morning set	-10248 Aug 12 j 22:57	29°♉20'34	
	-10248 Aug 13 j 09:00	0°♊	
max. Earth dist.	-10248 Aug 26 j 19:49	21°♊11'22	1.44390 AU
desc. node	-10248 Aug 28 j 21:38	24°♊29'13	
superior conj	-10248 Aug 29 j 09:53	25°♊18'01	-0°03'07
minimum elong	-10248 Aug 29 j 09:35	25°♊16'50	0°02'30
behind sun begin	-10248 Aug 28 j 22:29	24°♊32'38	
behind sun end	-10248 Aug 29 j 20:41	26°♊01'05	
	-10248 Sep 01 j 08:26	0°♋	
evening rise	-10248 Sep 13 j 05:21	19°♋21'14	
	-10248 Sep 19 j 15:52	0°♌	
evening max el	-10248 Oct 02 j 13:22	18°♌37'54	18°30'30
retrograde	-10248 Oct 09 j 05:13	22°♌19'23	
asc. node	-10248 Oct 09 j 03:42	22°♌19'21	
evening set	-10248 Oct 12 j 02:08	21°♌34'06	
inferior conj	-10248 Oct 18 j 04:12	15°♌58'04	2°40'01
minimum elong	-10248 Oct 18 j 00:49	16°♌07'52	2°39'25
min. Earth dist.	-10248 Oct 20 j 03:09	13°♌42'24	0.64379 AU
morning rise	-10248 Oct 23 j 22:55	9°♌53'10	
direct	-10248 Oct 30 j 17:57	7°♌07'17	
morning max el	-10248 Nov 13 j 02:08	14°♌40'35	27°13'39
desc. node	-10248 Nov 24 j 22:00	28°♌49'51	
	-10248 Nov 25 j 18:12	0°♍	
	-10248 Dec 14 j 05:18	0°♎	
morning set	-10248 Dec 18 j 05:47	7°♎38'34	
max. Earth dist.	-10248 Dec 23 j 02:11	17°♎22'44	1.34109 AU
superior conj	-10248 Dec 26 j 06:32	24°♎01'08	-1°21'13
minimum elong	-10248 Dec 26 j 08:46	24°♎12'59	1°21'08
	-10248 Dec 29 j 02:10	0°♏	
evening rise	-10247 Jan 02 j 13:06	9°♏25'43	
asc. node	-10247 Jan 05 j 01:36	14°♏36'31	
	-10247 Jan 13 j 11:16	0°♐	
evening max el	-10247 Jan 23 j 20:37	13°♐19'55	22°08'51
retrograde	-10247 Feb 05 j 08:44	19°♐18'31	
evening set	-10247 Feb 08 j 10:12	18°♐57'48	
min. Earth dist.	-10247 Feb 17 j 04:57	15°♐03'40	0.55435 AU
inferior conj	-10247 Feb 17 j 13:50	14°♐51'00	0°52'59
minimum elong	-10247 Feb 17 j 16:08	14°♐47'44	0°51'42
desc. node	-10247 Feb 20 j 23:07	12°♐59'09	
morning rise	-10247 Feb 26 j 22:46	10°♐47'04	
direct	-10247 Mar 01 j 10:07	10°♐33'06	
morning max el	-10247 Mar 13 j 08:34	16°♐15'12	21°18'41
	-10247 Mar 23 j 18:59	0°♑	
morning set	-10247 Apr 02 j 06:27	17°♑56'33	
asc. node	-10247 Apr 03 j 00:21	19°♑28'58	
	-10247 Apr 08 j 01:20	0°♒	
superior conj	-10247 Apr 09 j 18:27	3°♒33'23	1°00'56
minimum elong	-10247 Apr 09 j 15:58	3°♒20'33	1°00'02
max. Earth dist.	-10247 Apr 13 j 14:30	11°♒21'54	1.35215 AU
evening rise	-10247 Apr 18 j 04:58	20°♒20'55	
	-10247 Apr 23 j 10:56	0°♓	
	-10247 May 12 j 15:44	0°♈	
desc. node	-10247 May 19 j 21:34	8°♈58'14	
evening max el	-10247 May 23 j 12:12	12°♈46'58	26°45'27
retrograde	-10247 Jun 05 j 13:26	20°♈13'13	
evening set	-10247 Jun 12 j 05:32	17°♈25'24	
min. Earth dist.	-10247 Jun 16 j 03:28	13°♈20'47	0.65532 AU
inferior conj	-10247 Jun 17 j 21:26	11°♈14'27	-3°07'33
minimum elong	-10247 Jun 17 j 23:53	11°♈07'06	3°07'02
morning rise	-10247 Jun 23 j 18:29	5°♈32'13	
direct	-10247 Jun 26 j 20:45	4°♈38'26	
asc. node	-10247 Jun 30 j 00:54	5°♈32'28	
morning max el	-10247 Jul 03 j 13:40	8°♈21'53	18°40'04
	-10247 Jul 18 j 13:23	0°♉	
morning set	-10247 Jul 24 j 01:39	8°♉56'46	
	-10247 Aug 06 j 04:31	0°♊	
superior conj	-10247 Aug 08 j 09:42	3°♊30'46	0°43'22
minimum elong	-10247 Aug 08 j 14:47	3°♊50'54	0°43'15
max. Earth dist.	-10247 Aug 09 j 12:17	5°♊15'56	1.44598 AU
desc. node	-10247 Aug 15 j 18:48	15°♊10'23	
evening rise	-10247 Aug 24 j 18:14	29°♊23'02	
	-10247 Aug 25 j 03:33	0°♋	
	-10247 Sep 14 j 02:57	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10247 Sep 16 j 00:19	2°♌06'23	19°07'47
retrograde	-10247 Sep 22 j 23:51	6°♌04'54	
evening set	-10247 Sep 26 j 03:59	5°♌06'57	
asc. node	-10247 Sep 26 j 00:50	5°♌11'37	
	-10247 Oct 01 j 08:33	30°℞♋	
inferior conj	-10247 Oct 01 j 22:19	29°♋17'11	1°50'16
minimum elong	-10247 Oct 01 j 19:50	29°♋24'56	1°49'53
min. Earth dist.	-10247 Oct 03 j 08:33	27°♋30'13	0.65542 AU
morning rise	-10247 Oct 07 j 11:16	23°♋03'46	
direct	-10247 Oct 13 j 18:52	20°♋23'05	
morning max el	-10247 Oct 26 j 12:14	27°♋46'51	26°23'38
	-10247 Oct 28 j 15:33	0°♌	
desc. node	-10247 Nov 11 j 18:44	18°♌12'55	
	-10247 Nov 19 j 10:37	0°♍	
morning set	-10247 Dec 01 j 11:00	20°♍56'47	
max. Earth dist.	-10247 Dec 05 j 15:57	29°♍01'32	1.35363 AU
	-10247 Dec 06 j 03:49	0°♎	
superior conj	-10247 Dec 10 j 06:47	8°♎18'31	-1°34'02
minimum elong	-10247 Dec 10 j 08:34	8°♎27'37	1°33'55
evening rise	-10247 Dec 17 j 21:31	24°♎05'11	
	-10247 Dec 20 j 19:37	0°♏	
asc. node	-10247 Dec 22 j 22:52	4°♏09'13	
evening max el	-10246 Jan 05 j 23:18	24°♏38'28	20°44'03
retrograde	-10246 Jan 16 j 23:08	29°♏48'12	
evening set	-10246 Jan 19 j 14:45	29°♏31'25	
inferior conj	-10246 Jan 28 j 11:21	25°♏33'04	2°33'52
minimum elong	-10246 Jan 28 j 16:54	25°♏24'57	2°31'56
min. Earth dist.	-10246 Jan 29 j 19:07	24°♏46'42	0.55633 AU
morning rise	-10246 Feb 06 j 17:39	21°♏13'17	
desc. node	-10246 Feb 07 j 20:01	20°♏59'59	
direct	-10246 Feb 10 j 01:24	20°♏48'59	
morning max el	-10246 Feb 23 j 06:47	27°♏18'29	22°50'38
	-10246 Feb 25 j 21:12	0°♐	
	-10246 Mar 16 j 07:42	0°♑	
morning set	-10246 Mar 17 j 17:33	2°♑54'58	
asc. node	-10246 Mar 20 j 21:22	9°♑35'12	
superior conj	-10246 Mar 24 j 22:13	18°♑11'13	0°38'17
minimum elong	-10246 Mar 24 j 20:36	18°♑02'37	0°37'25
max. Earth dist.	-10246 Mar 27 j 12:41	23°♑39'45	1.34102 AU
	-10246 Mar 30 j 14:46	0°♒	
evening rise	-10246 Apr 01 j 18:13	4°♒16'25	
	-10246 Apr 16 j 05:05	0°♓	
evening max el	-10246 May 05 j 23:07	25°♓57'16	27°19'56
desc. node	-10246 May 06 j 18:54	26°♓44'27	
	-10246 May 10 j 16:40	0°♈	
retrograde	-10246 May 19 j 12:32	3°♈29'30	
evening set	-10246 May 26 j 11:28	0°♈46'40	
	-10246 May 27 j 09:59	30°℞♓	
min. Earth dist.	-10246 May 30 j 04:10	27°♓17'12	0.64205 AU
inferior conj	-10246 Jun 01 j 12:38	24°♓42'01	-3°29'30
minimum elong	-10246 Jun 01 j 14:19	24°♓37'21	3°29'26
morning rise	-10246 Jun 07 j 17:48	19°♓15'58	
direct	-10246 Jun 10 j 14:33	18°♓33'03	
asc. node	-10246 Jun 16 j 21:45	21°♓49'18	
morning max el	-10246 Jun 17 j 02:25	22°♓00'50	18°11'29
	-10246 Jun 23 j 06:51	0°♈	
morning set	-10246 Jul 05 j 06:04	19°♈45'18	
	-10246 Jul 11 j 08:09	0°♉	
superior conj	-10246 Jul 18 j 17:32	12°♉08'45	1°21'04
minimum elong	-10246 Jul 18 j 23:57	12°♉34'43	1°20'51
max. Earth dist.	-10246 Jul 23 j 04:02	19°♉16'44	1.44108 AU
	-10246 Jul 29 j 22:47	0°♊	
desc. node	-10246 Aug 02 j 16:02	5°♊48'37	
evening rise	-10246 Aug 04 j 05:56	8°♊15'57	

greatest brilliancy	-10246 Aug 17 j 03:23	28°♊00'40	-0.7m
	-10246 Aug 18 j 11:27	0°♋	
evening max el	-10246 Aug 30 j 06:33	15°♋34'29	20°00'50
retrograde	-10246 Sep 06 j 20:22	19°♋58'31	
evening set	-10246 Sep 10 j 10:06	18°♋44'33	
asc. node	-10246 Sep 12 j 21:57	16°♋28'53	
inferior conj	-10246 Sep 15 j 22:26	12°♋44'04	0°58'09
minimum elong	-10246 Sep 15 j 21:06	12°♋48'27	0°58'12
min. Earth dist.	-10246 Sep 16 j 20:58	11°♋29'39	0.66399 AU
morning rise	-10246 Sep 21 j 07:50	6°♋25'44	
direct	-10246 Sep 27 j 01:26	3°♋58'27	
morning max el	-10246 Oct 08 j 21:43	10°♋59'45	25°13'15
	-10246 Oct 24 j 03:40	0°♌	
desc. node	-10246 Oct 29 j 15:29	8°♌04'18	
	-10246 Nov 12 j 02:05	0°♍	
morning set	-10246 Nov 13 j 23:00	3°♍18'41	
max. Earth dist.	-10246 Nov 17 j 19:22	10°♍20'04	1.37032 AU
superior conj	-10246 Nov 23 j 22:06	22°♍04'00	-1°41'08
minimum elong	-10246 Nov 23 j 22:44	22°♍07'07	1°40'59
	-10246 Nov 27 j 21:25	0°♎	
evening rise	-10246 Dec 02 j 01:39	8°♎26'06	
asc. node	-10246 Dec 09 j 20:11	23°♎14'58	
	-10246 Dec 14 j 01:46	0°♏	
evening max el	-10246 Dec 19 j 11:53	6°♏29'44	19°35'11
retrograde	-10246 Dec 28 j 21:42	10°♏56'11	
evening set	-10246 Dec 31 j 10:31	10°♏38'21	
inferior conj	-10245 Jan 08 j 18:31	6°♏31'31	3°43'38
minimum elong	-10245 Jan 08 j 23:09	6°♏24'00	3°42'34
min. Earth dist.	-10245 Jan 11 j 08:42	4°♏51'25	0.56650 AU
morning rise	-10245 Jan 17 j 09:38	1°♏47'34	
direct	-10245 Jan 22 j 00:45	0°♏59'10	
desc. node	-10245 Jan 25 j 16:51	1°♏30'15	
morning max el	-10245 Feb 04 j 22:12	7°♏59'22	24°27'48
	-10245 Feb 20 j 23:35	0°♐	
morning set	-10245 Mar 02 j 06:00	17°♐59'37	
asc. node	-10245 Mar 07 j 18:25	29°♐48'52	
	-10245 Mar 07 j 20:28	0°♑	
superior conj	-10245 Mar 09 j 06:33	3°♑04'18	0°14'40
minimum elong	-10245 Mar 09 j 05:57	3°♑01'01	0°13'57
behind sun begin	-10245 Mar 09 j 03:34	2°♑48'09	
behind sun end	-10245 Mar 09 j 08:20	3°♑13'53	
max. Earth dist.	-10245 Mar 10 j 19:31	6°♑23'12	1.33334 AU
evening rise	-10245 Mar 16 j 16:45	18°♑41'12	
	-10245 Mar 22 j 12:38	0°♒	
	-10245 Apr 10 j 14:40	0°♓	
evening max el	-10245 Apr 18 j 08:14	8°♓43'56	27°24'38
desc. node	-10245 Apr 23 j 16:12	13°♓09'09	
retrograde	-10245 May 02 j 05:13	16°♓15'16	
evening set	-10245 May 09 j 03:47	13°♓50'42	
min. Earth dist.	-10245 May 12 j 19:41	10°♓47'56	0.62513 AU
inferior conj	-10245 May 15 j 17:48	7°♓55'57	-3°38'04
minimum elong	-10245 May 15 j 18:00	7°♓55'28	3°38'19
morning rise	-10245 May 22 j 09:29	2°♓48'33	
direct	-10245 May 25 j 01:59	2°♓14'51	
morning max el	-10245 May 31 j 16:26	5°♓37'06	18°01'08
asc. node	-10245 Jun 03 j 18:35	9°♓11'26	
	-10245 Jun 16 j 11:08	0°♈	
morning set	-10245 Jun 17 j 09:49	1°♈40'43	
superior conj	-10245 Jun 29 j 01:38	21°♈58'46	1°43'06
minimum elong	-10245 Jun 29 j 05:11	22°♈13'46	1°43'06
	-10245 Jul 03 j 21:06	0°♉	
max. Earth dist.	-10245 Jul 05 j 16:23	2°♉57'03	1.42981 AU
evening rise	-10245 Jul 14 j 06:37	16°♉39'12	
desc. node	-10245 Jul 20 j 13:20	26°♉20'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10245 Jul 22 j 23:13	0°♊	
evening max el	-10245 Aug 13 j 06:19	28°♊59'46	21°07'30
	-10245 Aug 14 j 06:50	0°♋	
retrograde	-10245 Aug 21 j 16:49	3°♋57'53	
evening set	-10245 Aug 25 j 18:17	2°♋24'53	
	-10245 Aug 28 j 05:27	30°℞♊	
asc. node	-10245 Aug 30 j 19:01	26°♊41'48	
inferior conj	-10245 Aug 31 j 02:26	26°♊16'30	0°06'00
minimum elong	-10245 Aug 31 j 02:17	26°♊17'01	0°06'31
transit middle	-10245 Aug 31 j 02:17	26°♊17'01	0°06'31
transit begin	-10245 Aug 30 j 23:47	26°♊25'31	
transit end	-10245 Aug 31 j 04:46	26°♊08'30	
min. Earth dist.	-10245 Aug 31 j 14:09	25°♊36'29	0.66958 AU
morning rise	-10245 Sep 05 j 10:08	19°♊56'52	
direct	-10245 Sep 10 j 13:04	17°♊47'25	
morning max el	-10245 Sep 21 j 07:28	24°♊14'36	23°51'31
	-10245 Sep 26 j 10:35	0°♋	
desc. node	-10245 Oct 16 j 12:17	28°♋15'49	
	-10245 Oct 17 j 14:58	0°♌	
morning set	-10245 Oct 26 j 12:18	14°♌30'15	
max. Earth dist.	-10245 Oct 30 j 17:48	21°♌49'22	1.38979 AU
	-10245 Nov 04 j 06:43	0°♍	
superior conj	-10245 Nov 07 j 00:33	5°♍06'21	-1°40'28
minimum elong	-10245 Nov 06 j 23:20	5°♍00'39	1°40'09
evening rise	-10245 Nov 15 j 23:13	22°♍22'25	
	-10245 Nov 19 j 22:25	0°♎	
asc. node	-10245 Nov 26 j 17:29	11°♎44'33	
evening max el	-10245 Dec 02 j 10:12	18°♎53'13	18°45'46
retrograde	-10245 Dec 10 j 13:12	22°♎49'10	
evening set	-10245 Dec 13 j 01:15	22°♎28'15	
inferior conj	-10245 Dec 20 j 19:32	18°♎03'00	4°13'49
minimum elong	-10245 Dec 20 j 20:42	18°♎00'50	4°13'39
min. Earth dist.	-10245 Dec 23 j 23:54	15°♎41'42	0.58238 AU
morning rise	-10245 Dec 28 j 14:12	12°♎54'58	
direct	-10244 Jan 03 j 11:30	11°♎30'39	
desc. node	-10244 Jan 12 j 13:39	14°♎41'15	
morning max el	-10244 Jan 17 j 13:46	18°♎46'59	25°56'02
	-10244 Jan 27 j 00:40	0°♏	
	-10244 Feb 13 j 06:37	0°♐	
morning set	-10244 Feb 14 j 18:04	3°♐04'00	
superior conj	-10244 Feb 21 j 17:30	18°♐05'57	-0°08'58
minimum elong	-10244 Feb 21 j 17:54	18°♐08'08	0°09'28
behind sun begin	-10244 Feb 21 j 13:52	17°♐46'07	
behind sun end	-10244 Feb 21 j 21:57	18°♐30'08	
max. Earth dist.	-10244 Feb 22 j 07:36	19°♐22'45	1.32891 AU
asc. node	-10244 Feb 22 j 15:31	20°♐05'50	
	-10244 Feb 27 j 06:13	0°♑	
evening rise	-10244 Feb 28 j 21:34	3°♑25'10	
	-10244 Mar 14 j 09:24	0°♒	
evening max el	-10244 Mar 30 j 12:59	20°♒55'45	26°56'35
desc. node	-10244 Apr 09 j 13:28	27°♒40'41	
retrograde	-10244 Apr 13 j 14:30	28°♒22'32	
evening set	-10244 Apr 20 j 03:01	26°♒27'53	
min. Earth dist.	-10244 Apr 24 j 02:02	23°♒38'33	0.60567 AU
inferior conj	-10244 Apr 27 j 09:28	20°♒48'06	-3°27'57
minimum elong	-10244 Apr 27 j 07:35	20°♒52'08	3°28'12
morning rise	-10244 May 04 j 14:21	16°♒01'00	
direct	-10244 May 07 j 03:05	15°♒35'20	
morning max el	-10244 May 14 j 05:05	19°♒03'53	18°09'34
asc. node	-10244 May 20 j 15:25	27°♒24'13	
	-10244 May 22 j 05:51	0°♓	
morning set	-10244 May 30 j 07:58	14°♓30'49	
	-10244 Jun 07 j 18:18	0°♈	
superior conj	-10244 Jun 09 j 12:45	3°♈09'40	1°49'50
minimum elong	-10244 Jun 09 j 12:50	3°♈10'04	1°49'48
max. Earth dist.	-10244 Jun 16 j 22:56	15°♈59'52	1.41371 AU
evening rise	-10244 Jun 22 j 18:31	25°♈34'43	
	-10244 Jun 25 j 12:52	0°♉	
desc. node	-10244 Jul 06 j 10:43	16°♉42'02	
	-10244 Jul 15 j 19:20	0°♊	
evening max el	-10244 Jul 25 j 23:16	12°♊21'14	22°24'28
retrograde	-10244 Aug 04 j 11:35	17°♊59'54	
evening set	-10244 Aug 09 j 02:34	16°♊06'00	
inferior conj	-10244 Aug 14 j 08:25	9°♊52'34	-0°44'26
minimum elong	-10244 Aug 14 j 09:21	9°♊49'20	0°43'31
min. Earth dist.	-10244 Aug 14 j 09:43	9°♊48'06	0.67225 AU
asc. node	-10244 Aug 16 j 16:02	6°♊45'57	
morning rise	-10244 Aug 19 j 16:04	3°♊35'04	
direct	-10244 Aug 24 j 05:06	1°♊44'46	
morning max el	-10244 Sep 02 j 19:46	7°♊31'03	22°27'10
	-10244 Sep 20 j 02:03	0°♋	
desc. node	-10244 Oct 02 j 09:10	18°♋40'58	
morning set	-10244 Oct 05 j 22:53	24°♋23'22	
	-10244 Oct 09 j 09:10	0°♌	
max. Earth dist.	-10244 Oct 11 j 17:50	3°♌56'41	1.40959 AU
superior conj	-10244 Oct 19 j 09:02	17°♌11'38	-1°29'35
minimum elong	-10244 Oct 19 j 05:36	16°♌56'20	1°28'53
	-10244 Oct 26 j 09:07	0°♍	
evening rise	-10244 Oct 29 j 11:14	5°♍46'34	
asc. node	-10244 Nov 12 j 14:47	29°♍26'28	
	-10244 Nov 13 j 02:02	0°♎	
evening max el	-10244 Nov 14 j 16:20	1°♎43'07	18°16'40
retrograde	-10244 Nov 21 j 22:17	5°♎21'29	
evening set	-10244 Nov 24 j 10:36	4°♎56'12	
inferior conj	-10244 Dec 01 j 15:57	0°♎09'39	4°10'59
minimum elong	-10244 Dec 01 j 14:02	0°♎13'47	4°10'54
	-10244 Dec 01 j 20:25	30°℞♍	
min. Earth dist.	-10244 Dec 04 j 20:18	27°♍26'18	0.60087 AU
morning rise	-10244 Dec 08 j 15:55	24°♍41'22	
direct	-10244 Dec 15 j 09:29	22°♍39'32	
desc. node	-10244 Dec 29 j 10:23	0°♎04'46	
	-10244 Dec 29 j 08:24	0°♎	
morning max el	-10244 Dec 29 j 10:37	0°♎05'19	27°00'52
	-10243 Jan 19 j 20:25	0°♏	
morning set	-10243 Jan 29 j 03:56	18°♏01'15	
	-10243 Feb 03 j 18:32	0°♐	
superior conj	-10243 Feb 05 j 05:22	3°♐10'02	-0°31'47
minimum elong	-10243 Feb 05 j 06:39	3°♐17'02	0°32'02
max. Earth dist.	-10243 Feb 04 j 21:13	2°♐25'32	1.32764 AU
asc. node	-10243 Feb 08 j 12:41	10°♐22'07	
evening rise	-10243 Feb 12 j 06:24	18°♐20'16	
	-10243 Feb 18 j 02:24	0°♑	
	-10243 Mar 10 j 01:17	0°♒	
evening max el	-10243 Mar 12 j 12:04	2°♒29'37	25°57'46
retrograde	-10243 Mar 26 j 14:58	9°♒47'02	
desc. node	-10243 Mar 27 j 10:39	9°♒45'22	
evening set	-10243 Apr 01 j 07:03	8°♒28'17	
min. Earth dist.	-10243 Apr 06 j 01:14	5°♒36'57	0.58580 AU
inferior conj	-10243 Apr 09 j 08:03	3°♒10'20	-2°52'28
minimum elong	-10243 Apr 09 j 04:21	3°♒17'17	2°52'17
	-10243 Apr 14 j 01:39	30°℞♑	
morning rise	-10243 Apr 17 j 04:46	28°♑43'23	
direct	-10243 Apr 19 j 13:36	28°♑24'33	
	-10243 Apr 24 j 17:37	0°♒	
morning max el	-10243 Apr 27 j 13:33	2°♒13'21	18°37'16
asc. node	-10243 May 07 j 12:15	16°♒16'22	
morning set	-10243 May 13 j 19:58	28°♒05'06	
	-10243 May 14 j 19:47	0°♓	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10243 May 22 j 22:35	15°♓30'31	1°44'45
minimum elong	-10243 May 22 j 20:28	15°♓20'39	1°44'26
max. Earth dist.	-10243 May 30 j 00:07	28°♓18'48	1.39516 AU
	-10243 May 30 j 23:16	0°♈	
evening rise	-10243 Jun 03 j 08:05	5°♈46'35	
	-10243 Jun 18 j 15:29	0°♉	
desc. node	-10243 Jun 23 j 08:08	6°♉47'34	
evening max el	-10243 Jul 08 j 11:08	25°♉41'53	23°46'23
	-10243 Jul 13 j 12:43	0°♊	
retrograde	-10243 Jul 19 j 03:28	2°♊01'42	
evening set	-10243 Jul 24 j 09:03	29°♉47'01	
	-10243 Jul 24 j 02:57	30°℞♉	
min. Earth dist.	-10243 Jul 29 j 05:19	24°♉03'15	0.67194 AU
inferior conj	-10243 Jul 29 j 14:40	23°♉31'13	-1°31'34
minimum elong	-10243 Jul 29 j 16:29	23°♉25'00	1°30'29
morning rise	-10243 Aug 03 j 23:51	17°♉19'20	
asc. node	-10243 Aug 03 j 12:58	17°♉41'20	
direct	-10243 Aug 08 j 00:38	15°♉47'20	
morning max el	-10243 Aug 16 j 13:06	20°♉51'45	21°07'46
	-10243 Aug 24 j 01:17	0°♊	
	-10243 Sep 13 j 08:46	0°♋	
morning set	-10243 Sep 15 j 09:41	3°♋10'39	
desc. node	-10243 Sep 19 j 06:07	9°♋15'25	
max. Earth dist.	-10243 Sep 23 j 23:23	16°♋51'21	1.42699 AU
superior conj	-10243 Sep 30 j 17:48	28°♋05'45	-1°05'59
minimum elong	-10243 Sep 30 j 13:01	27°♋45'34	1°04'56
	-10243 Oct 01 j 20:41	0°♌	
evening rise	-10243 Oct 12 j 09:53	18°♌29'56	
	-10243 Oct 18 j 21:42	0°♍	
evening max el	-10243 Oct 29 j 03:36	14°♍52'28	18°07'22
asc. node	-10243 Oct 30 j 12:04	16°♍06'54	
retrograde	-10243 Nov 04 j 21:43	18°♍24'20	
evening set	-10243 Nov 07 j 11:51	17°♍53'05	
inferior conj	-10243 Nov 14 j 05:28	12°♍45'34	3°45'37
minimum elong	-10243 Nov 14 j 02:00	12°♍54'04	3°45'13
min. Earth dist.	-10243 Nov 17 j 00:54	10°♍00'59	0.61930 AU
morning rise	-10243 Nov 20 j 15:03	7°♍00'54	
direct	-10243 Nov 27 j 16:49	4°♍30'46	
morning max el	-10243 Dec 11 j 13:39	12°♍02'30	27°32'56
desc. node	-10243 Dec 16 j 07:05	17°♍06'30	
	-10243 Dec 25 j 22:21	0°♎	
	-10242 Jan 12 j 01:15	0°♏	
morning set	-10242 Jan 13 j 09:27	2°♏42'58	
max. Earth dist.	-10242 Jan 19 j 08:32	15°♏16'56	1.32981 AU
superior conj	-10242 Jan 20 j 16:26	18°♏09'36	-0°53'02
minimum elong	-10242 Jan 20 j 18:22	18°♏20'08	0°53'06
asc. node	-10242 Jan 26 j 09:53	0°♐32'52	
	-10242 Jan 26 j 03:44	0°♐	
evening rise	-10242 Jan 27 j 17:15	3°♐18'48	
	-10242 Feb 11 j 07:38	0°♑	
evening max el	-10242 Feb 22 j 06:27	13°♑32'27	24°35'38
retrograde	-10242 Mar 08 j 03:57	20°♑29'59	
evening set	-10242 Mar 12 j 17:02	19°♑43'14	
desc. node	-10242 Mar 14 j 07:44	19°♑05'35	
min. Earth dist.	-10242 Mar 18 j 19:47	16°♑37'03	0.56858 AU
inferior conj	-10242 Mar 21 j 10:58	14°♑54'40	-1°45'42
minimum elong	-10242 Mar 21 j 07:19	15°♑00'37	1°45'17
morning rise	-10242 Mar 30 j 00:45	10°♑44'18	
direct	-10242 Apr 01 j 06:19	10°♑30'18	
morning max el	-10242 Apr 10 j 14:43	14°♑54'31	19°24'45
	-10242 Apr 21 j 08:20	0°♒	
asc. node	-10242 Apr 24 j 09:08	5°♒37'51	
morning set	-10242 Apr 27 j 17:58	12°♒13'11	
superior conj	-10242 May 06 j 01:29	28°♒45'00	1°31'33
minimum elong	-10242 May 05 j 22:32	28°♒30'35	1°30'54
	-10242 May 06 j 16:53	0°♓	
max. Earth dist.	-10242 May 12 j 00:46	10°♓06'41	1.37667 AU
evening rise	-10242 May 16 j 00:23	17°♓19'40	
	-10242 May 23 j 10:39	0°♈	
desc. node	-10242 Jun 10 j 05:33	26°♈29'33	
	-10242 Jun 12 j 22:29	0°♉	
evening max el	-10242 Jun 20 j 21:01	9°♉04'33	25°05'54
retrograde	-10242 Jul 02 j 15:23	15°♉58'33	
evening set	-10242 Jul 08 j 11:46	13°♉25'50	
min. Earth dist.	-10242 Jul 12 j 22:28	8°♉19'33	0.66838 AU
inferior conj	-10242 Jul 13 j 19:22	7°♉10'14	-2°14'03
minimum elong	-10242 Jul 13 j 21:45	7°♉02'17	2°13'01
morning rise	-10242 Jul 19 j 07:44	1°♉07'23	
asc. node	-10242 Jul 21 j 09:51	0°♉05'06	
	-10242 Jul 21 j 17:40	30°℞♈	
direct	-10242 Jul 22 j 22:16	29°♈51'53	
	-10242 Jul 24 j 03:28	0°♉	
morning max el	-10242 Jul 30 j 12:52	4°♉18'30	19°58'56
	-10242 Aug 17 j 23:33	0°♊	
morning set	-10242 Aug 25 j 11:46	11°♊36'27	
desc. node	-10242 Sep 06 j 03:11	29°♊55'22	
	-10242 Sep 06 j 04:21	0°♋	
max. Earth dist.	-10242 Sep 06 j 11:18	0°♋27'45	1.43955 AU
superior conj	-10242 Sep 10 j 22:56	7°♋40'22	-0°29'02
minimum elong	-10242 Sep 10 j 19:51	7°♋27'55	0°28'04
	-10242 Sep 24 j 09:14	0°♌	
evening rise	-10242 Sep 24 j 14:13	0°♌21'10	
evening max el	-10242 Oct 12 j 17:03	28°♌14'31	18°16'56
	-10242 Oct 14 j 16:13	0°♍	
asc. node	-10242 Oct 17 j 09:17	1°♍30'10	
retrograde	-10242 Oct 19 j 07:28	1°♍49'38	
evening set	-10242 Oct 22 j 01:23	1°♍10'08	
	-10242 Oct 23 j 22:46	30°℞♌	
inferior conj	-10242 Oct 28 j 08:40	25°♌43'45	3°06'26
minimum elong	-10242 Oct 28 j 05:00	25°♌53'49	3°05'50
min. Earth dist.	-10242 Oct 30 j 15:19	23°♌14'28	0.63571 AU
morning rise	-10242 Nov 03 j 07:54	19°♌45'39	
direct	-10242 Nov 10 j 07:39	17°♌01'34	
morning max el	-10242 Nov 23 j 21:19	24°♌35'22	27°30'02
	-10242 Nov 28 j 21:30	0°♍	
desc. node	-10242 Dec 03 j 03:46	5°♍18'47	
	-10242 Dec 19 j 05:44	0°♎	
morning set	-10242 Dec 28 j 08:12	17°♎00'54	
max. Earth dist.	-10241 Jan 02 j 14:02	27°♎45'55	1.33581 AU
	-10241 Jan 03 j 15:25	0°♏	
superior conj	-10241 Jan 05 j 00:59	2°♏58'41	-1°11'52
minimum elong	-10241 Jan 05 j 03:15	3°♏10'46	1°11'48
evening rise	-10241 Jan 12 j 04:31	18°♏14'56	
asc. node	-10241 Jan 13 j 07:08	20°♏33'29	
	-10241 Jan 18 j 01:15	0°♐	
evening max el	-10241 Feb 03 j 23:56	24°♐23'24	23°02'18
	-10241 Feb 12 j 15:00	0°♑	
retrograde	-10241 Feb 17 j 03:51	0°♑46'34	
evening set	-10241 Feb 20 j 15:58	0°♑19'47	
	-10241 Feb 21 j 19:31	30°℞♐	
min. Earth dist.	-10241 Feb 28 j 11:32	26°♐47'36	0.55729 AU
desc. node	-10241 Mar 01 j 04:43	26°♐22'31	
inferior conj	-10241 Mar 01 j 19:19	26°♐01'08	-0°09'30
minimum elong	-10241 Mar 01 j 18:53	26°♐01'46	0°09'56
transit middle	-10241 Mar 01 j 18:53	26°♐01'46	0°09'56
transit begin	-10241 Mar 01 j 15:44	26°♐06'23	
transit end	-10241 Mar 01 j 22:03	25°♐57'09	
morning rise	-10241 Mar 10 j 23:38	21°♐58'53	
direct	-10241 Mar 13 j 06:19	21°♐46'18	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10241 Mar 24 j 05:53	26°♐58'16	20°31'53
	-10241 Mar 27 j 02:25	0°♑	
asc. node	-10241 Apr 11 j 06:04	25°♑21'22	
morning set	-10241 Apr 11 j 22:54	26°♑46'44	
	-10241 Apr 13 j 12:41	0°♒	
superior conj	-10241 Apr 19 j 16:46	12°♒40'01	1°13'06
minimum elong	-10241 Apr 19 j 13:56	12°♒25'39	1°12'15
max. Earth dist.	-10241 Apr 24 j 07:31	21°♒51'11	1.36025 AU
evening rise	-10241 Apr 28 j 14:24	0°♓00'27	
	-10241 Apr 28 j 14:18	0°♓	
	-10241 May 16 j 14:09	0°♈	
desc. node	-10241 May 28 j 02:56	15°♈38'18	
evening max el	-10241 Jun 03 j 07:15	22°♈28'27	26°14'22
retrograde	-10241 Jun 15 j 22:38	29°♈45'26	
evening set	-10241 Jun 22 j 08:30	27°♈00'33	
min. Earth dist.	-10241 Jun 26 j 10:44	22°♈33'39	0.66126 AU
inferior conj	-10241 Jun 27 j 20:35	20°♈47'30	-2°50'17
minimum elong	-10241 Jun 27 j 23:10	20°♈39'24	2°49'32
morning rise	-10241 Jul 03 j 13:55	14°♈56'55	
direct	-10241 Jul 06 j 20:12	13°♈55'42	
asc. node	-10241 Jul 08 j 06:42	14°♈07'11	
morning max el	-10241 Jul 13 j 18:58	17°♈52'02	19°04'13
	-10241 Jul 22 j 22:35	0°♉	
morning set	-10241 Aug 05 j 01:34	20°♉37'02	
	-10241 Aug 10 j 23:34	0°♊	
max. Earth dist.	-10241 Aug 20 j 03:36	14°♊29'42	1.44572 AU
superior conj	-10241 Aug 21 j 04:39	16°♊08'47	0°16'58
minimum elong	-10241 Aug 21 j 06:48	16°♊17'21	0°17'14
desc. node	-10241 Aug 24 j 00:18	20°♊37'00	
	-10241 Aug 29 j 21:30	0°♋	
evening rise	-10241 Sep 05 j 18:42	11°♋06'11	
	-10241 Sep 17 j 12:58	0°♌	
evening max el	-10241 Sep 26 j 05:43	11°♌42'03	18°44'20
retrograde	-10241 Oct 02 j 23:49	15°♌29'25	
asc. node	-10241 Oct 04 j 06:28	15°♌20'12	
evening set	-10241 Oct 05 j 23:37	14°♌38'58	
inferior conj	-10241 Oct 11 j 22:10	8°♌56'36	2°19'20
minimum elong	-10241 Oct 11 j 19:08	9°♌05'44	2°18'48
min. Earth dist.	-10241 Oct 13 j 15:31	6°♌52'50	0.64916 AU
morning rise	-10241 Oct 17 j 14:10	2°♌47'55	
direct	-10241 Oct 24 j 04:50	0°♌03'15	
morning max el	-10241 Nov 06 j 07:14	7°♌32'59	26°55'26
desc. node	-10241 Nov 20 j 00:29	24°♌20'13	
	-10241 Nov 23 j 21:31	0°♍	
	-10241 Dec 11 j 11:45	0°♎	
morning set	-10241 Dec 11 j 20:54	0°♎43'51	
max. Earth dist.	-10241 Dec 16 j 10:20	9°♎43'31	1.34596 AU
superior conj	-10241 Dec 20 j 04:56	17°♎29'23	-1°27'15
minimum elong	-10241 Dec 20 j 07:03	17°♎40'27	1°27'09
	-10241 Dec 26 j 03:36	0°♏	
evening rise	-10241 Dec 27 j 14:28	3°♏01'54	
asc. node	-10241 Dec 31 j 04:25	10°♏18'00	
	-10240 Jan 12 j 01:05	0°♐	
evening max el	-10240 Jan 16 j 21:41	5°♐25'10	21°31'06
retrograde	-10240 Jan 28 j 18:54	11°♐02'55	
evening set	-10240 Jan 31 j 15:14	10°♐44'33	
inferior conj	-10240 Feb 09 j 16:53	6°♐43'30	1°38'15
minimum elong	-10240 Feb 09 j 20:59	6°♐37'41	1°36'29
min. Earth dist.	-10240 Feb 10 j 01:42	6°♐30'59	0.55414 AU
desc. node	-10240 Feb 16 j 01:39	3°♐29'29	
morning rise	-10240 Feb 19 j 02:30	2°♐35'00	
direct	-10240 Feb 21 j 20:55	2°♐18'00	
morning max el	-10240 Mar 05 j 09:49	8°♐21'00	21°56'34
	-10240 Mar 20 j 11:33	0°♑	
morning set	-10240 Mar 26 j 08:20	11°♑37'59	
asc. node	-10240 Mar 28 j 03:03	15°♑20'42	
superior conj	-10240 Apr 02 j 16:46	27°♑04'36	0°51'31
minimum elong	-10240 Apr 02 j 14:37	26°♑53'22	0°50'37
	-10240 Apr 04 j 02:28	0°♒	
max. Earth dist.	-10240 Apr 05 j 23:58	3°♒53'47	1.34697 AU
evening rise	-10240 Apr 10 j 20:28	13°♒32'24	
	-10240 Apr 19 j 21:29	0°♓	
	-10240 May 10 j 10:29	0°♈	
desc. node	-10240 May 14 j 00:16	4°♈00'08	
evening max el	-10240 May 15 j 18:06	5°♈46'23	27°03'24
retrograde	-10240 May 29 j 00:47	13°♈15'45	
evening set	-10240 Jun 04 j 20:43	10°♈28'21	
min. Earth dist.	-10240 Jun 08 j 16:02	6°♈39'40	0.65019 AU
inferior conj	-10240 Jun 10 j 16:11	4°♈20'01	-3°18'16
minimum elong	-10240 Jun 10 j 18:23	4°♈13'36	3°17'56
	-10240 Jun 14 j 20:29	30°♓℞	
morning rise	-10240 Jun 16 j 16:25	28°♓44'33	
direct	-10240 Jun 19 j 16:14	27°♓55'34	
asc. node	-10240 Jun 24 j 03:33	29°♓39'31	
	-10240 Jun 24 j 14:08	0°♈	
morning max el	-10240 Jun 26 j 05:59	1°♈30'46	18°25'49
	-10240 Jul 15 j 04:24	0°♉	
morning set	-10240 Jul 15 j 15:17	0°♉44'57	
superior conj	-10240 Jul 30 j 05:11	24°♉24'57	1°01'01
minimum elong	-10240 Jul 30 j 11:30	24°♉50'08	1°00'47
max. Earth dist.	-10240 Aug 01 j 20:46	28°♉37'36	1.44478 AU
	-10240 Aug 02 j 17:34	0°♊	
desc. node	-10240 Aug 09 j 21:30	11°♊17'37	
evening rise	-10240 Aug 15 j 20:16	20°♊37'49	
	-10240 Aug 21 j 20:00	0°♋	
greatest brilliancy	-10240 Aug 26 j 01:42	6°♋34'01	-0.8m
evening max el	-10240 Sep 08 j 14:54	25°♋10'51	19°28'24
retrograde	-10240 Sep 15 j 19:40	29°♋19'17	
evening set	-10240 Sep 19 j 03:37	28°♋14'49	
asc. node	-10240 Sep 20 j 03:37	27°♋30'48	
inferior conj	-10240 Sep 24 j 19:10	22°♋19'48	1°28'16
minimum elong	-10240 Sep 24 j 17:09	22°♋26'14	1°28'04
min. Earth dist.	-10240 Sep 26 j 00:11	20°♋46'39	0.65946 AU
morning rise	-10240 Sep 30 j 06:22	16°♋03'47	
direct	-10240 Oct 06 j 08:03	13°♋28'23	
morning max el	-10240 Oct 18 j 17:21	20°♋44'03	25°55'38
	-10240 Oct 26 j 19:24	0°♌	
desc. node	-10240 Nov 05 j 21:14	13°♌56'33	
	-10240 Nov 16 j 00:50	0°♍	
morning set	-10240 Nov 23 j 19:25	13°♍39'40	
max. Earth dist.	-10240 Nov 27 j 19:41	21°♍12'11	1.36034 AU
	-10240 Dec 02 j 07:05	0°♎	
superior conj	-10240 Dec 03 j 01:45	1°♎33'53	-1°37'51
minimum elong	-10240 Dec 03 j 03:07	1°♎40'51	1°37'45
evening rise	-10240 Dec 10 j 21:19	17°♎34'04	
asc. node	-10240 Dec 17 j 01:43	29°♎40'10	
	-10240 Dec 17 j 06:02	0°♏	
evening max el	-10240 Dec 29 j 04:14	16°♏56'01	20°12'23
retrograde	-10239 Jan 08 j 11:42	21°♏46'40	
evening set	-10239 Jan 11 j 01:28	21°♏29'52	
inferior conj	-10239 Jan 19 j 17:00	17°♏29'11	3°08'21
minimum elong	-10239 Jan 19 j 22:40	17°♏20'34	3°06'39
min. Earth dist.	-10239 Jan 21 j 15:21	16°♏19'03	0.55974 AU
morning rise	-10239 Jan 28 j 18:03	12°♏59'32	
direct	-10239 Feb 01 j 14:06	12°♏27'03	
desc. node	-10239 Feb 01 j 22:33	12°♏27'20	
morning max el	-10239 Feb 15 j 04:31	19°♏11'46	23°32'18
	-10239 Feb 24 j 02:32	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10239 Mar 10 j 20:11	26°♐39'34	
	-10239 Mar 12 j 10:13	0°♑	
asc. node	-10239 Mar 15 j 00:03	5°♑30'27	
superior conj	-10239 Mar 17 j 22:43	11°♑49'34	0°28'19
minimum elong	-10239 Mar 17 j 21:31	11°♑43'10	0°27'30
max. Earth dist.	-10239 Mar 20 j 01:59	16°♑22'09	1.33724 AU
evening rise	-10239 Mar 25 j 14:00	27°♑41'04	
	-10239 Mar 26 j 18:06	0°♒	
	-10239 Apr 13 j 03:39	0°♓	
evening max el	-10239 Apr 28 j 04:15	18°♓47'02	27°25'51
desc. node	-10239 Apr 30 j 21:37	21°♓15'00	
retrograde	-10239 May 11 j 21:24	26°♓20'18	
evening set	-10239 May 18 j 21:18	23°♓43'11	
min. Earth dist.	-10239 May 22 j 12:45	20°♓26'48	0.63519 AU
inferior conj	-10239 May 25 j 03:28	17°♓42'14	-3°35'05
minimum elong	-10239 May 25 j 04:37	17°♓39'13	3°35'11
morning rise	-10239 May 31 j 12:49	12°♓24'14	
direct	-10239 Jun 03 j 07:36	11°♓45'31	
morning max el	-10239 Jun 09 j 19:39	15°♓09'39	18°04'56
asc. node	-10239 Jun 11 j 00:22	16°♓25'56	
	-10239 Jun 20 j 05:45	0°♈	
morning set	-10239 Jun 27 j 06:08	12°♈02'57	
	-10239 Jul 07 j 19:19	0°♉	
superior conj	-10239 Jul 09 j 22:16	3°♉30'48	1°32'26
minimum elong	-10239 Jul 10 j 03:46	3°♉53'24	1°32'18
max. Earth dist.	-10239 Jul 15 j 11:11	12°♉31'08	1.43695 AU
evening rise	-10239 Jul 26 j 00:44	29°♉11'02	
	-10239 Jul 26 j 13:22	0°♊	
desc. node	-10239 Jul 27 j 18:46	1°♊53'44	
	-10239 Aug 15 j 17:02	0°♋	
evening max el	-10239 Aug 22 j 18:27	8°♋37'41	20°27'36
retrograde	-10239 Aug 30 j 16:31	13°♋15'45	
evening set	-10239 Sep 03 j 10:54	11°♋54'07	
asc. node	-10239 Sep 07 j 00:42	8°♋15'41	
inferior conj	-10239 Sep 08 j 21:13	5°♋49'44	0°35'55
minimum elong	-10239 Sep 08 j 20:24	5°♋52'30	0°36'11
min. Earth dist.	-10239 Sep 09 j 15:04	4°♋49'42	0.66672 AU
	-10239 Sep 13 j 16:33	30°℞♊	
morning rise	-10239 Sep 14 j 05:40	29°♊30'08	
direct	-10239 Sep 19 j 16:55	27°♊10'07	
	-10239 Sep 26 j 14:52	0°♋	
morning max el	-10239 Oct 01 j 02:55	3°♋58'52	24°39'14
	-10239 Oct 21 j 03:20	0°♌	
desc. node	-10239 Oct 23 j 18:02	3°♌57'30	
morning set	-10239 Nov 05 j 22:31	25°♌33'59	
	-10239 Nov 08 j 10:37	0°♍	
max. Earth dist.	-10239 Nov 09 j 20:00	2°♍30'41	1.37835 AU
superior conj	-10239 Nov 16 j 12:08	15°♍02'41	-1°41'56
minimum elong	-10239 Nov 16 j 12:04	15°♍02'20	1°41'45
	-10239 Nov 24 j 01:46	0°♎	
evening rise	-10239 Nov 24 j 22:59	1°♎45'32	
asc. node	-10239 Dec 03 j 23:02	18°♎32'10	
evening max el	-10239 Dec 11 j 21:10	29°♎02'09	19°11'43
	-10239 Dec 12 j 23:02	0°♏	
retrograde	-10239 Dec 20 j 16:57	3°♏14'02	
evening set	-10239 Dec 23 j 05:08	2°♏55'13	
	-10239 Dec 29 j 08:31	30°℞♎	
inferior conj	-10239 Dec 31 j 07:19	28°♎41'37	4°01'06
minimum elong	-10239 Dec 31 j 10:35	28°♎36'00	4°00'31
min. Earth dist.	-10238 Jan 03 j 05:41	26°♎41'37	0.57267 AU
morning rise	-10238 Jan 08 j 13:48	23°♎46'36	
direct	-10238 Jan 13 j 18:29	22°♎43'45	
desc. node	-10238 Jan 19 j 19:23	24°♎08'18	
	-10238 Jan 27 j 22:12	0°♏	
morning max el	-10238 Jan 27 j 19:22	29°♎53'12	25°07'22
	-10238 Feb 17 j 12:17	0°♐	
morning set	-10238 Feb 23 j 08:43	11°♐45'19	
asc. node	-10238 Mar 01 j 21:09	25°♐46'34	
superior conj	-10238 Mar 02 j 08:25	26°♐47'47	0°04'37
minimum elong	-10238 Mar 02 j 08:15	26°♐46'51	0°03'59
behind sun begin	-10238 Mar 02 j 03:20	26°♐20'10	
behind sun end	-10238 Mar 02 j 13:10	27°♐13'31	
max. Earth dist.	-10238 Mar 03 j 11:19	29°♐13'28	1.33099 AU
	-10238 Mar 03 j 19:56	0°♑	
evening rise	-10238 Mar 09 j 15:34	12°♑15'39	
	-10238 Mar 18 j 23:07	0°♒	
	-10238 Apr 09 j 03:36	0°♓	
evening max el	-10238 Apr 10 j 11:44	1°♓19'58	27°16'48
desc. node	-10238 Apr 17 j 18:54	6°♓55'57	
retrograde	-10238 Apr 24 j 11:24	8°♓50'35	
evening set	-10238 May 01 j 06:47	6°♓37'32	
min. Earth dist.	-10238 May 05 j 00:27	3°♓42'09	0.61699 AU
inferior conj	-10238 May 08 j 03:20	0°♓48'03	-3°36'28
minimum elong	-10238 May 08 j 02:42	0°♓49'32	3°36'47
	-10238 May 09 j 00:04	30°℞♒	
morning rise	-10238 May 15 j 00:17	25°♒49'10	
direct	-10238 May 17 j 15:01	25°♒19'11	
morning max el	-10238 May 24 j 09:26	28°♒42'56	18°02'23
	-10238 May 25 j 14:54	0°♓	
asc. node	-10238 May 28 j 21:12	4°♓11'15	
morning set	-10238 Jun 09 j 18:17	24°♓22'46	
	-10238 Jun 12 j 20:54	0°♈	
superior conj	-10238 Jun 20 j 18:05	13°♈55'37	1°47'39
minimum elong	-10238 Jun 20 j 20:04	14°♈04'13	1°47'40
max. Earth dist.	-10238 Jun 27 j 20:34	25°♈54'35	1.42341 AU
	-10238 Jun 30 j 08:35	0°♉	
evening rise	-10238 Jul 05 j 03:30	7°♉40'09	
desc. node	-10238 Jul 14 j 16:06	22°♉21'42	
	-10238 Jul 19 j 19:34	0°♊	
evening max el	-10238 Aug 05 j 15:16	22°♊01'27	21°39'18
retrograde	-10238 Aug 14 j 12:26	27°♊16'27	
evening set	-10238 Aug 18 j 19:21	25°♊34'58	
inferior conj	-10238 Aug 24 j 02:19	19°♊24'13	-0°15'40
minimum elong	-10238 Aug 24 j 02:38	19°♊23'05	0°14'58
transit middle	-10238 Aug 24 j 02:38	19°♊23'05	0°14'58
transit begin	-10238 Aug 24 j 01:32	19°♊26'54	
transit end	-10238 Aug 24 j 03:45	19°♊19'17	
min. Earth dist.	-10238 Aug 24 j 09:40	18°♊58'53	0.67109 AU
asc. node	-10238 Aug 24 j 21:45	18°♊17'27	
morning rise	-10238 Aug 29 j 09:46	13°♊04'51	
direct	-10238 Sep 03 j 06:42	11°♊03'17	
morning max el	-10238 Sep 13 j 13:16	17°♊13'50	23°15'21
	-10238 Sep 24 j 01:48	0°♋	
desc. node	-10238 Oct 10 j 14:52	24°♋15'31	
	-10238 Oct 14 j 05:35	0°♌	
morning set	-10238 Oct 18 j 00:44	6°♌12'44	
max. Earth dist.	-10238 Oct 22 j 17:51	14°♌11'45	1.39833 AU
superior conj	-10238 Oct 30 j 07:41	27°♌43'07	-1°37'17
minimum elong	-10238 Oct 30 j 05:32	27°♌33'12	1°36'49
	-10238 Oct 31 j 13:17	0°♍	
evening rise	-10238 Nov 08 j 16:55	15°♍29'13	
	-10238 Nov 16 j 13:26	0°♎	
asc. node	-10238 Nov 20 j 20:21	6°♎43'22	
evening max el	-10238 Nov 24 j 23:14	11°♎38'36	18°30'57
retrograde	-10238 Dec 02 j 15:54	15°♎25'04	
evening set	-10238 Dec 05 j 04:01	15°♎02'24	
inferior conj	-10238 Dec 12 j 16:42	10°♎28'30	4°15'59
minimum elong	-10238 Dec 12 j 16:24	10°♎29'06	4°15'57

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10238 Dec 15 j 22:43	7°♎55'05	0.59014 AU
morning rise	-10238 Dec 20 j 02:59	5°♎11'35	
direct	-10238 Dec 26 j 10:41	3°♎30'26	
desc. node	-10237 Jan 06 j 16:09	8°♎19'59	
morning max el	-10237 Jan 09 j 12:33	10°♎51'15	26°27'06
	-10237 Jan 24 j 08:38	0°♏	
morning set	-10237 Feb 07 j 20:03	26°♏47'21	
	-10237 Feb 09 j 08:36	0°♐	
superior conj	-10237 Feb 14 j 19:58	11°♐51'19	-0°18'48
minimum elong	-10237 Feb 14 j 20:45	11°♐55'40	0°19'10
max. Earth dist.	-10237 Feb 15 j 00:26	12°♐15'47	1.32799 AU
asc. node	-10237 Feb 16 j 18:17	16°♐03'57	
evening rise	-10237 Feb 21 j 22:21	27°♐05'32	
	-10237 Feb 23 j 08:18	0°♑	
	-10237 Mar 12 j 14:08	0°♒	
evening max el	-10237 Mar 23 j 14:20	13°♒16'06	26°35'06
desc. node	-10237 Apr 04 j 16:07	20°♒28'38	
retrograde	-10237 Apr 06 j 17:05	20°♒39'10	
evening set	-10237 Apr 12 j 21:54	19°♒00'01	
min. Earth dist.	-10237 Apr 17 j 03:39	16°♒11'19	0.59710 AU
inferior conj	-10237 Apr 20 j 12:08	13°♒28'33	-3°16'27
minimum elong	-10237 Apr 20 j 09:23	13°♒34'11	3°16'33
morning rise	-10237 Apr 27 j 23:25	8°♒49'48	
direct	-10237 Apr 30 j 10:31	8°♒27'10	
morning max el	-10237 May 07 j 20:33	12°♒02'48	18°18'55
asc. node	-10237 May 15 j 18:02	22°♒41'55	
	-10237 May 19 j 21:45	0°♓	
morning set	-10237 May 23 j 22:50	7°♓32'51	
superior conj	-10237 Jun 02 j 15:27	25°♓37'25	1°48'53
minimum elong	-10237 Jun 02 j 14:25	25°♓32'45	1°48'46
	-10237 Jun 05 j 01:50	0°♈	
max. Earth dist.	-10237 Jun 10 j 00:38	8°♈38'42	1.40599 AU
evening rise	-10237 Jun 15 j 01:26	17°♈05'23	
	-10237 Jun 23 j 03:42	0°♉	
desc. node	-10237 Jul 01 j 13:29	12°♉36'57	
	-10237 Jul 14 j 10:22	0°♊	
evening max el	-10237 Jul 19 j 05:54	5°♊22'56	22°59'13
retrograde	-10237 Jul 29 j 05:58	11°♊18'52	
evening set	-10237 Aug 03 j 03:05	9°♊16'06	
inferior conj	-10237 Aug 08 j 08:37	3°♊01'38	-1°04'52
minimum elong	-10237 Aug 08 j 09:57	2°♊57'01	1°03'52
min. Earth dist.	-10237 Aug 08 j 05:30	3°♊12'23	0.67250 AU
	-10237 Aug 10 j 14:52	30°℞♉	
asc. node	-10237 Aug 11 j 18:42	28°♉37'08	
morning rise	-10237 Aug 13 j 16:43	26°♉46'12	
direct	-10237 Aug 18 j 00:26	25°♉03'40	
	-10237 Aug 26 j 14:52	0°♊	
morning max el	-10237 Aug 27 j 03:19	0°♊31'24	21°52'28
	-10237 Sep 17 j 22:39	0°♋	
desc. node	-10237 Sep 27 j 11:47	14°♋45'25	
morning set	-10237 Sep 28 j 00:13	15°♋34'50	
max. Earth dist.	-10237 Oct 04 j 20:19	26°♋41'04	1.41749 AU
	-10237 Oct 06 j 19:58	0°♌	
superior conj	-10237 Oct 12 j 06:54	9°♌20'51	-1°21'16
minimum elong	-10237 Oct 12 j 02:41	9°♌02'27	1°20'24
evening rise	-10237 Oct 22 j 23:49	28°♌37'49	
	-10237 Oct 23 j 17:43	0°♍	
asc. node	-10237 Nov 07 j 17:38	24°♍01'22	
evening max el	-10237 Nov 08 j 07:58	24°♍38'15	18°10'15
retrograde	-10237 Nov 15 j 07:37	28°♍12'22	
evening set	-10237 Nov 17 j 20:38	27°♍44'36	
inferior conj	-10237 Nov 24 j 20:48	22°♍48'41	4°02'23
minimum elong	-10237 Nov 24 j 18:02	22°♍55'00	4°02'10
min. Earth dist.	-10237 Nov 27 j 22:01	20°♍02'47	0.60895 AU

morning rise	-10237 Dec 01 j 14:10	17°♍13'19	
direct	-10237 Dec 08 j 12:42	14°♍58'06	
morning max el	-10237 Dec 22 j 12:00	22°♍25'40	27°18'44
desc. node	-10237 Dec 24 j 12:53	24°♍29'21	
	-10237 Dec 29 j 06:59	0°♎	
	-10236 Jan 17 j 07:04	0°♏	
morning set	-10236 Jan 23 j 04:19	11°♏38'47	
max. Earth dist.	-10236 Jan 29 j 13:42	25°♏16'01	1.32824 AU
superior conj	-10236 Jan 30 j 07:40	26°♏53'57	-0°41'03
minimum elong	-10236 Jan 30 j 09:16	27°♏02'39	0°41'12
	-10236 Jan 31 j 17:46	0°♐	
asc. node	-10236 Feb 03 j 15:29	6°♐18'18	
evening rise	-10236 Feb 06 j 08:17	12°♐02'57	
	-10236 Feb 15 j 14:16	0°♑	
evening max el	-10236 Mar 04 j 11:11	24°♑34'54	25°24'54
	-10236 Mar 11 j 19:08	0°♒	
retrograde	-10236 Mar 18 j 12:26	1°♒44'35	
desc. node	-10236 Mar 21 j 13:15	1°♒22'38	
evening set	-10236 Mar 23 j 17:39	0°♒40'29	
	-10236 Mar 25 j 05:30	30°℞♑	
min. Earth dist.	-10236 Mar 29 j 00:15	27°♑44'26	0.57802 AU
inferior conj	-10236 Apr 01 j 02:27	25°♑34'48	-2°28'08
minimum elong	-10236 Mar 31 j 22:26	25°♑41'53	2°27'45
morning rise	-10236 Apr 09 j 06:25	21°♑15'30	
direct	-10236 Apr 11 j 13:53	20°♑58'53	
morning max el	-10236 Apr 20 j 02:10	25°♑00'34	18°55'04
	-10236 Apr 24 j 09:19	0°♒	
asc. node	-10236 May 01 j 14:53	11°♒47'14	
morning set	-10236 May 06 j 15:28	21°♒22'20	
	-10236 May 11 j 01:06	0°♓	
superior conj	-10236 May 15 j 09:08	8°♓22'23	1°39'57
minimum elong	-10236 May 15 j 06:31	8°♓09'55	1°39'30
max. Earth dist.	-10236 May 22 j 01:18	20°♓43'27	1.38713 AU
evening rise	-10236 May 26 j 02:40	27°♓51'52	
	-10236 May 27 j 08:33	0°♈	
	-10236 Jun 15 j 14:57	0°♉	
desc. node	-10236 Jun 17 j 10:52	2°♉33'10	
evening max el	-10236 Jun 30 j 16:30	18°♉43'47	24°21'04
retrograde	-10236 Jul 11 j 20:06	25°♉18'53	
evening set	-10236 Jul 17 j 08:11	22°♉55'47	
min. Earth dist.	-10236 Jul 22 j 00:10	17°♉27'58	0.67083 AU
inferior conj	-10236 Jul 22 j 14:21	16°♉39'57	-1°50'16
minimum elong	-10236 Jul 22 j 16:28	16°♉32'49	1°49'11
morning rise	-10236 Jul 28 j 00:43	10°♉31'49	
asc. node	-10236 Jul 28 j 15:36	10°♉06'32	
direct	-10236 Jul 31 j 20:55	9°♉07'10	
morning max el	-10236 Aug 08 j 23:20	13°♉54'20	20°37'04
	-10236 Aug 21 j 07:10	0°♊	
morning set	-10236 Sep 06 j 04:49	24°♊05'52	
	-10236 Sep 09 j 23:21	0°♋	
desc. node	-10236 Sep 13 j 08:45	5°♋22'22	
max. Earth dist.	-10236 Sep 16 j 05:16	9°♋57'02	1.43304 AU
superior conj	-10236 Sep 22 j 04:00	19°♋40'47	-0°51'51
minimum elong	-10236 Sep 21 j 23:27	19°♋21'55	0°50'45
	-10236 Sep 28 j 06:55	0°♌	
evening rise	-10236 Oct 04 j 15:19	11°♌00'35	
	-10236 Oct 15 j 19:56	0°♍	
evening max el	-10236 Oct 21 j 20:27	7°♍53'17	18°09'06
asc. node	-10236 Oct 24 j 14:52	10°♍10'49	
retrograde	-10236 Oct 28 j 12:07	11°♍25'41	
evening set	-10236 Oct 31 j 03:34	10°♍51'13	
inferior conj	-10236 Nov 06 j 16:35	5°♍35'02	3°30'18
minimum elong	-10236 Nov 06 j 12:54	5°♍44'32	3°29'47
min. Earth dist.	-10236 Nov 09 j 06:39	2°♍55'32	0.62660 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10236 Nov 12 j 21:19	29°♌44'06	
	-10236 Nov 12 j 12:53	30°℞♌	
direct	-10236 Nov 19 j 23:06	27°♌06'37	
	-10236 Nov 28 j 01:54	0°♍	
morning max el	-10236 Dec 03 j 17:32	4°♍39'41	27°35'55
desc. node	-10236 Dec 10 j 09:35	12°♍03'56	
	-10236 Dec 22 j 21:54	0°♎	
morning set	-10235 Jan 06 j 07:20	26°♎11'43	
	-10235 Jan 08 j 04:00	0°♏	
max. Earth dist.	-10235 Jan 11 j 23:11	8°♏00'11	1.33192 AU
superior conj	-10235 Jan 13 j 17:53	11°♏49'45	-1°01'23
minimum elong	-10235 Jan 13 j 20:01	12°♏01'13	1°01'23
evening rise	-10235 Jan 20 j 19:32	27°♏01'14	
asc. node	-10235 Jan 20 j 12:42	26°♏25'19	
	-10235 Jan 22 j 05:53	0°♐	
	-10235 Feb 09 j 03:37	0°♑	
evening max el	-10235 Feb 14 j 04:23	5°♑29'16	23°56'20
retrograde	-10235 Feb 27 j 19:59	12°♑14'33	
evening set	-10235 Mar 03 j 21:50	11°♑37'40	
desc. node	-10235 Mar 08 j 10:19	9°♑41'15	
min. Earth dist.	-10235 Mar 10 j 17:12	8°♑22'00	0.56288 AU
inferior conj	-10235 Mar 12 j 20:59	7°♑02'16	-1°07'50
minimum elong	-10235 Mar 12 j 18:19	7°♑06'22	1°07'36
morning rise	-10235 Mar 21 j 17:41	2°♑57'16	
direct	-10235 Mar 23 j 22:50	2°♑44'26	
morning max el	-10235 Apr 02 j 23:27	7°♑27'21	19°51'04
	-10235 Apr 17 j 19:36	0°♒	
asc. node	-10235 Apr 18 j 11:47	1°♒19'08	
morning set	-10235 Apr 20 j 16:45	5°♒42'35	
superior conj	-10235 Apr 28 j 17:53	21°♒56'18	1°24'13
minimum elong	-10235 Apr 28 j 14:53	21°♒41'27	1°23'29
	-10235 May 02 j 20:59	0°♓	
max. Earth dist.	-10235 May 04 j 03:45	2°♓26'20	1.36927 AU
evening rise	-10235 May 08 j 04:57	9°♓55'57	
	-10235 May 20 j 01:04	0°♈	
desc. node	-10235 Jun 04 j 08:15	22°♈02'35	
	-10235 Jun 11 j 01:11	0°♉	
evening max el	-10235 Jun 13 j 02:07	2°♉06'38	25°36'51
retrograde	-10235 Jun 25 j 06:11	9°♉12'31	
evening set	-10235 Jul 01 j 08:38	6°♉33'19	
min. Earth dist.	-10235 Jul 05 j 15:28	1°♉43'54	0.66579 AU
inferior conj	-10235 Jul 06 j 17:48	0°♉18'23	-2°30'20
minimum elong	-10235 Jul 06 j 20:20	0°♉10'09	2°29'24
	-10235 Jul 06 j 23:28	30°℞♈	
morning rise	-10235 Jul 12 j 08:05	24°♈20'34	
direct	-10235 Jul 15 j 18:46	23°♈11'38	
asc. node	-10235 Jul 15 j 12:28	23°♈12'02	
morning max el	-10235 Jul 23 j 02:00	27°♈24'30	19°33'48
	-10235 Jul 25 j 09:26	0°♉	
	-10235 Aug 14 j 16:39	0°♊	
morning set	-10235 Aug 16 j 09:32	2°♊39'56	
max. Earth dist.	-10235 Aug 29 j 19:06	23°♊45'09	1.44298 AU
desc. node	-10235 Aug 31 j 05:48	26°♊03'05	
superior conj	-10235 Sep 01 j 21:44	28°♊42'24	-0°10'05
minimum elong	-10235 Sep 01 j 20:36	28°♊37'54	0°09'22
behind sun begin	-10235 Sep 01 j 11:26	28°♊01'14	
behind sun end	-10235 Sep 02 j 05:47	29°♊14'36	
	-10235 Sep 02 j 17:07	0°♋	
evening rise	-10235 Sep 16 j 10:06	22°♋24'52	
	-10235 Sep 20 j 23:18	0°♌	
evening max el	-10235 Oct 05 j 09:50	21°♌17'37	18°26'29
asc. node	-10235 Oct 11 j 12:04	24°♌55'40	
retrograde	-10235 Oct 12 j 01:09	24°♌57'17	
evening set	-10235 Oct 14 j 21:11	24°♌13'38	
inferior conj	-10235 Oct 21 j 00:33	18°♌40'06	2°47'09
minimum elong	-10235 Oct 20 j 21:05	18°♌50'02	2°46'33
min. Earth dist.	-10235 Oct 23 j 01:32	16°♌20'31	0.64177 AU
morning rise	-10235 Oct 26 j 20:20	12°♌36'49	
direct	-10235 Nov 02 j 16:45	9°♌50'52	
morning max el	-10235 Nov 16 j 02:36	17°♌24'53	27°18'51
	-10235 Nov 26 j 18:45	0°♍	
desc. node	-10235 Nov 27 j 06:17	0°♍39'04	
	-10235 Dec 15 j 16:01	0°♎	
morning set	-10235 Dec 21 j 02:17	10°♎16'28	
max. Earth dist.	-10235 Dec 26 j 01:05	20°♎16'09	1.33955 AU
superior conj	-10235 Dec 29 j 00:46	26°♎31'55	-1°18'53
minimum elong	-10235 Dec 29 j 03:02	26°♎43'55	1°18'49
	-10235 Dec 30 j 15:55	0°♏	
evening rise	-10234 Jan 05 j 06:27	11°♏54'02	
asc. node	-10234 Jan 07 j 09:58	16°♏19'45	
	-10234 Jan 14 j 16:21	0°♐	
evening max el	-10234 Jan 26 j 22:59	16°♐22'09	22°22'33
retrograde	-10234 Feb 08 j 15:46	22°♐27'30	
evening set	-10234 Feb 11 j 19:31	22°♐05'37	
inferior conj	-10234 Feb 20 j 23:27	17°♐56'15	0°36'30
minimum elong	-10234 Feb 21 j 01:02	17°♐53'59	0°35'25
min. Earth dist.	-10234 Feb 20 j 08:29	18°♐17'41	0.55481 AU
desc. node	-10234 Feb 23 j 07:19	16°♐37'41	
morning rise	-10234 Mar 02 j 07:32	13°♐53'11	
direct	-10234 Mar 04 j 17:13	13°♐39'49	
morning max el	-10234 Mar 16 j 10:01	19°♐14'23	21°06'02
	-10234 Mar 24 j 22:57	0°♑	
morning set	-10234 Apr 04 j 23:53	20°♑24'27	
asc. node	-10234 Apr 05 j 08:45	21°♑09'59	
	-10234 Apr 09 j 14:47	0°♒	
superior conj	-10234 Apr 12 j 13:18	6°♒05'22	1°04'15
minimum elong	-10234 Apr 12 j 10:43	5°♒52'03	1°03'20
max. Earth dist.	-10234 Apr 16 j 14:01	14°♒14'55	1.35415 AU
evening rise	-10234 Apr 21 j 02:30	23°♒00'46	
	-10234 Apr 24 j 21:21	0°♓	
	-10234 May 13 j 16:39	0°♈	
desc. node	-10234 May 22 j 05:38	10°♈53'25	
evening max el	-10234 May 26 j 12:36	15°♈28'45	26°38'04
retrograde	-10234 Jun 08 j 11:33	22°♈52'58	
evening set	-10234 Jun 15 j 02:06	20°♈05'39	
min. Earth dist.	-10234 Jun 19 j 01:07	15°♈55'12	0.65700 AU
inferior conj	-10234 Jun 20 j 16:55	13°♈54'01	-3°03'23
minimum elong	-10234 Jun 20 j 19:25	13°♈46'24	3°02'46
morning rise	-10234 Jun 26 j 12:57	8°♈09'25	
direct	-10234 Jun 29 j 16:10	7°♈13'46	
asc. node	-10234 Jul 02 j 09:19	7°♈53'43	
morning max el	-10234 Jul 06 j 10:25	11°♈00'23	18°45'44
	-10234 Jul 19 j 20:20	0°♉	
morning set	-10234 Jul 27 j 08:42	12°♉06'32	
	-10234 Aug 07 j 13:00	0°♊	
superior conj	-10234 Aug 11 j 22:27	6°♊57'37	0°36'38
minimum elong	-10234 Aug 12 j 02:53	7°♊15'09	0°36'38
max. Earth dist.	-10234 Aug 12 j 11:35	7°♊49'31	1.44614 AU
desc. node	-10234 Aug 18 j 02:57	16°♊44'32	
	-10234 Aug 26 j 11:26	0°♋	
evening rise	-10234 Aug 28 j 03:07	2°♋38'10	
	-10234 Sep 14 j 21:37	0°♌	
evening max el	-10234 Sep 18 j 21:21	4°♌46'25	19°01'15
retrograde	-10234 Sep 25 j 19:14	8°♌41'40	
asc. node	-10234 Sep 28 j 09:14	8°♌03'23	
evening set	-10234 Sep 28 j 22:12	7°♌45'46	
inferior conj	-10234 Oct 04 j 17:35	1°♌57'57	1°57'59
minimum elong	-10234 Oct 04 j 14:56	2°♌06'06	1°57'35

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10234 Oct 06	j 05:39	0°♌06'26	0.65388 AU
	-10234 Oct 06	j 07:46	30℞♋	
morning rise	-10234 Oct 10	j 07:15	25°♋45'42	
direct	-10234 Oct 16	j 16:50	23°♋03'37	
	-10234 Oct 29	j 00:42	0°♌	
morning max el	-10234 Oct 29	j 12:39	0°♌29'16	26°32'36
desc. node	-10234 Nov 14	j 03:00	19°♌57'02	
	-10234 Nov 20	j 17:50	0°♍	
morning set	-10234 Dec 04	j 09:35	23°♍41'38	
	-10234 Dec 07	j 16:16	0°♎	
max. Earth dist.	-10234 Dec 08	j 16:31	1°♎59'29	1.35151 AU
superior conj	-10234 Dec 13	j 02:06	10°♎53'17	-1°32'25
minimum elong	-10234 Dec 13	j 03:59	11°♎03'01	1°32'20
evening rise	-10234 Dec 20	j 15:20	26°♎35'47	
	-10234 Dec 22	j 07:17	0°♏	
asc. node	-10234 Dec 25	j 07:16	5°♏55'55	
evening max el	-10233 Jan 09	j 00:22	27°♏36'12	20°55'46
	-10233 Jan 11	j 22:42	0°♐	
retrograde	-10233 Jan 20	j 05:46	2°♐52'50	
evening set	-10233 Jan 22	j 22:23	2°♐35'49	
	-10233 Jan 29	j 10:10	30℞♏	
inferior conj	-10233 Jan 31	j 20:33	28°♏37'24	2°20'10
minimum elong	-10233 Feb 01	j 01:51	28°♏29'43	2°18'12
min. Earth dist.	-10233 Feb 01	j 22:39	27°♏59'40	0.55553 AU
morning rise	-10233 Feb 10	j 04:09	24°♏20'53	
desc. node	-10233 Feb 10	j 04:15	24°♏20'49	
direct	-10233 Feb 13	j 08:06	23°♏58'49	
	-10233 Feb 26	j 00:15	0°♐	
morning max el	-10233 Feb 26	j 09:33	0°♐21'51	22°36'18
	-10233 Mar 17	j 19:56	0°♑	
morning set	-10233 Mar 20	j 10:37	5°♑20'53	
asc. node	-10233 Mar 23	j 05:46	11°♑14'18	
superior conj	-10233 Mar 27	j 16:10	20°♑39'35	0°41'49
minimum elong	-10233 Mar 27	j 14:24	20°♑30'15	0°40'55
max. Earth dist.	-10233 Mar 30	j 10:48	26°♑28'33	1.34249 AU
	-10233 Apr 01	j 03:56	0°♒	
evening rise	-10233 Apr 04	j 14:01	6°♒50'16	
	-10233 Apr 17	j 12:00	0°♓	
evening max el	-10233 May 08	j 23:38	28°♓41'25	27°16'34
desc. node	-10233 May 09	j 03:01	28°♓49'37	
	-10233 May 10	j 09:00	0°♈	
retrograde	-10233 May 22	j 11:24	6°♈12'50	
evening set	-10233 May 29	j 09:46	3°♈28'30	
min. Earth dist.	-10233 Jun 02	j 03:05	29°♓54'14	0.64428 AU
	-10233 Jun 02	j 00:58	30℞♓	
inferior conj	-10233 Jun 04	j 09:21	27°♓22'53	-3°27'01
minimum elong	-10233 Jun 04	j 11:12	27°♓17'43	3°26'53
morning rise	-10233 Jun 10	j 13:10	21°♓54'15	
direct	-10233 Jun 13	j 10:42	21°♓09'45	
asc. node	-10233 Jun 19	j 06:10	23°♓59'08	
morning max el	-10233 Jun 19	j 22:47	24°♓39'06	18°14'39
	-10233 Jun 24	j 07:51	0°♈	
morning set	-10233 Jul 08	j 09:26	22°♈44'48	
	-10233 Jul 12	j 17:18	0°♉	
superior conj	-10233 Jul 22	j 03:47	15°♉28'00	1°16'19
minimum elong	-10233 Jul 22	j 10:20	15°♉54'25	1°16'04
max. Earth dist.	-10233 Jul 26	j 03:57	21°♉53'13	1.44226 AU
	-10233 Jul 31	j 06:59	0°♊	
desc. node	-10233 Aug 05	j 00:10	7°♊23'25	
evening rise	-10233 Aug 07	j 18:07	11°♊40'21	
	-10233 Aug 19	j 16:05	0°♋	
greatest brilliancy	-10233 Aug 20	j 03:24	0°♋42'35	-0.7m
evening max el	-10233 Sep 02	j 04:27	18°♋14'45	19°51'59
retrograde	-10233 Sep 09	j 15:39	22°♋34'21	
evening set	-10233 Sep 13	j 03:51	21°♋22'52	
asc. node	-10233 Sep 15	j 06:22	19°♋33'46	
inferior conj	-10233 Sep 18	j 16:57	15°♋23'41	1°06'04
minimum elong	-10233 Sep 18	j 15:27	15°♋28'38	1°06'04
min. Earth dist.	-10233 Sep 19	j 17:07	14°♋04'27	0.66292 AU
morning rise	-10233 Sep 24	j 02:47	9°♋05'59	
direct	-10233 Sep 29	j 22:32	6°♋36'27	
morning max el	-10233 Oct 11	j 22:16	13°♋41'33	25°24'41
	-10233 Oct 25	j 06:25	0°♌	
desc. node	-10233 Oct 31	j 23:45	9°♌44'31	
	-10233 Nov 13	j 12:08	0°♍	
morning set	-10233 Nov 17	j 00:28	6°♍12'23	
max. Earth dist.	-10233 Nov 20	j 21:24	13°♍19'43	1.36764 AU
superior conj	-10233 Nov 26	j 18:56	24°♍43'43	-1°40'31
minimum elong	-10233 Nov 26	j 19:47	24°♍47'58	1°40'23
	-10233 Nov 29	j 10:07	0°♎	
evening rise	-10233 Dec 04	j 20:14	10°♎59'34	
asc. node	-10233 Dec 12	j 04:35	25°♎06'01	
	-10233 Dec 15	j 02:49	0°♏	
evening max el	-10233 Dec 22	j 11:20	9°♏21'44	19°44'13
retrograde	-10232 Jan 01	j 02:30	13°♏54'06	
evening set	-10232 Jan 03	j 15:32	13°♏36'34	
inferior conj	-10232 Jan 12	j 01:32	9°♏31'35	3°35'38
minimum elong	-10232 Jan 12	j 06:33	9°♏23'36	3°34'25
min. Earth dist.	-10232 Jan 14	j 12:04	7°♏59'01	0.56456 AU
morning rise	-10232 Jan 20	j 19:30	4°♏51'28	
direct	-10232 Jan 25	j 05:35	4°♏07'42	
desc. node	-10232 Jan 28	j 01:07	4°♏25'53	
morning max el	-10232 Feb 08	j 01:35	11°♏04'09	24°13'36
	-10232 Feb 22	j 06:28	0°♐	
morning set	-10232 Mar 03	j 23:00	20°♐24'58	
	-10232 Mar 08	j 10:42	0°♑	
asc. node	-10232 Mar 09	j 02:50	1°♑27'08	
superior conj	-10232 Mar 10	j 23:57	5°♑30'40	0°18'16
minimum elong	-10232 Mar 10	j 23:11	5°♑26'34	0°17'31
max. Earth dist.	-10232 Mar 12	j 16:34	9°♑08'39	1.33426 AU
evening rise	-10232 Mar 18	j 11:21	21°♑11'06	
	-10232 Mar 22	j 23:39	0°♒	
	-10232 Apr 10	j 12:09	0°♓	
evening max el	-10232 Apr 20	j 09:07	11°♓32'04	27°25'59
desc. node	-10232 Apr 25	j 00:21	15°♓28'31	
retrograde	-10232 May 04	j 05:05	19°♓03'52	
evening set	-10232 May 11	j 04:22	16°♓35'35	
min. Earth dist.	-10232 May 14	j 19:55	13°♓29'48	0.62784 AU
inferior conj	-10232 May 17	j 16:14	10°♓39'13	-3°37'53
minimum elong	-10232 May 17	j 16:43	10°♓38'03	3°38'07
morning rise	-10232 May 24	j 06:12	5°♓29'05	
direct	-10232 May 26	j 23:18	4°♓54'05	
morning max el	-10232 Jun 02	j 12:48	8°♓16'20	18°01'33
asc. node	-10232 Jun 05	j 03:00	11°♓12'22	
	-10232 Jun 16	j 20:33	0°♈	
morning set	-10232 Jun 19	j 10:00	4°♈31'00	
superior conj	-10232 Jul 01	j 07:51	25°♈06'12	1°40'50
minimum elong	-10232 Jul 01	j 11:57	25°♈23'25	1°40'47
	-10232 Jul 04	j 06:26	0°♉	
max. Earth dist.	-10232 Jul 07	j 17:08	5°♉38'23	1.43183 AU
evening rise	-10232 Jul 16	j 19:06	20°♉04'20	
desc. node	-10232 Jul 21	j 21:29	27°♉56'43	
	-10232 Jul 23	j 05:48	0°♊	
	-10232 Aug 13	j 15:47	0°♋	
evening max el	-10232 Aug 15	j 05:13	1°♋40'24	20°56'45
retrograde	-10232 Aug 23	j 12:17	6°♋33'06	
evening set	-10232 Aug 27	j 11:53	5°♋03'03	
asc. node	-10232 Sep 01	j 03:25	29°♊53'31	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10232 Sep 01 j 01:29	30°℞♊	
inferior conj	-10232 Sep 01 j 20:31	28°♊55'31	0°13'50
minimum elong	-10232 Sep 01 j 20:12	28°♊56'37	0°14'17
transit middle	-10232 Sep 01 j 20:12	28°♊56'37	0°14'17
transit begin	-10232 Sep 01 j 18:52	29°♊01'10	
transit end	-10232 Sep 01 j 21:32	28°♊52'04	
min. Earth dist.	-10232 Sep 02 j 09:46	28°♊10'24	0.66895 AU
morning rise	-10232 Sep 07 j 04:22	22°♊35'46	
direct	-10232 Sep 12 j 09:24	20°♊23'39	
morning max el	-10232 Sep 23 j 07:58	26°♊56'38	24°04'00
	-10232 Sep 26 j 04:09	0°♋	
desc. node	-10232 Oct 17 j 20:32	29°♋53'14	
	-10232 Oct 17 j 22:17	0°♌	
morning set	-10232 Oct 28 j 17:29	17°♌35'02	
max. Earth dist.	-10232 Nov 01 j 20:12	24°♌45'21	1.38681 AU
	-10232 Nov 04 j 18:01	0°♍	
superior conj	-10232 Nov 08 j 23:34	7°♍52'52	-1°41'12
minimum elong	-10232 Nov 08 j 22:40	7°♍48'37	1°40'54
evening rise	-10232 Nov 17 j 18:56	24°♍59'40	
	-10232 Nov 20 j 08:44	0°♎	
asc. node	-10232 Nov 28 j 01:53	13°♎41'29	
evening max el	-10232 Dec 04 j 08:14	21°♎40'15	18°51'49
retrograde	-10232 Dec 12 j 15:21	25°♎40'04	
evening set	-10232 Dec 15 j 03:21	25°♎19'45	
inferior conj	-10232 Dec 22 j 23:39	20°♎57'37	4°11'37
minimum elong	-10232 Dec 23 j 01:22	20°♎54'28	4°11'22
min. Earth dist.	-10232 Dec 26 j 02:56	18°♎41'12	0.57973 AU
morning rise	-10232 Dec 30 j 21:20	15°♎52'42	
direct	-10231 Jan 05 j 14:31	14°♎34'11	
desc. node	-10231 Jan 13 j 21:55	17°♎13'41	
morning max el	-10231 Jan 19 j 16:49	21°♎49'10	25°44'09
	-10231 Jan 26 j 21:28	0°♏	
	-10231 Feb 13 j 19:09	0°♐	
morning set	-10231 Feb 16 j 11:13	5°♐29'48	
superior conj	-10231 Feb 23 j 10:37	20°♐31'29	-0°05'27
minimum elong	-10231 Feb 23 j 10:52	20°♐32'52	0°05'57
behind sun begin	-10231 Feb 23 j 06:11	20°♐07'23	
behind sun end	-10231 Feb 23 j 15:33	20°♐58'21	
asc. node	-10231 Feb 23 j 23:56	21°♐44'00	
max. Earth dist.	-10231 Feb 24 j 04:02	22°♐06'21	1.32931 AU
	-10231 Feb 27 j 19:59	0°♑	
evening rise	-10231 Mar 02 j 15:22	5°♑52'38	
	-10231 Mar 15 j 15:10	0°♒	
evening max el	-10231 Apr 02 j 14:33	23°♒49'13	27°02'51
	-10231 Apr 11 j 03:17	0°♓	
desc. node	-10231 Apr 11 j 21:38	0°♓19'26	
retrograde	-10231 Apr 16 j 15:42	1°♓17'24	
	-10231 Apr 21 j 22:59	30°℞♒	
evening set	-10231 Apr 23 j 06:22	29°♒17'34	
min. Earth dist.	-10231 Apr 27 j 03:34	26°♒27'16	0.60863 AU
inferior conj	-10231 Apr 30 j 10:08	23°♒35'02	-3°30'59
minimum elong	-10231 Apr 30 j 08:36	23°♒38'26	3°31'17
morning rise	-10231 May 07 j 12:54	18°♒44'59	
direct	-10231 May 10 j 02:07	18°♒18'16	
morning max el	-10231 May 17 j 01:52	21°♒45'07	18°07'05
asc. node	-10231 May 22 j 23:49	29°♒18'14	
	-10231 May 23 j 10:34	0°♓	
morning set	-10231 Jun 02 j 05:41	17°♓13'16	
	-10231 Jun 09 j 05:09	0°♈	
superior conj	-10231 Jun 12 j 15:06	6°♈05'22	1°49'40
minimum elong	-10231 Jun 12 j 15:39	6°♈07'48	1°49'40
max. Earth dist.	-10231 Jun 20 j 00:19	18°♈46'17	1.41631 AU
evening rise	-10231 Jun 26 j 04:00	28°♈50'55	
	-10231 Jun 26 j 21:16	0°♉	
desc. node	-10231 Jul 08 j 18:51	18°♉19'51	
	-10231 Jul 16 j 21:10	0°♊	
evening max el	-10231 Jul 28 j 23:04	15°♊02'01	22°12'32
retrograde	-10231 Aug 07 j 07:27	20°♊34'43	
evening set	-10231 Aug 11 j 20:15	18°♊44'04	
inferior conj	-10231 Aug 17 j 02:20	12°♊31'09	-0°36'55
minimum elong	-10231 Aug 17 j 03:07	12°♊28'27	0°36'05
min. Earth dist.	-10231 Aug 17 j 05:11	12°♊21'15	0.67204 AU
asc. node	-10231 Aug 19 j 00:23	9°♊55'00	
morning rise	-10231 Aug 22 j 09:52	6°♊12'58	
direct	-10231 Aug 27 j 00:52	4°♊19'47	
morning max el	-10231 Sep 05 j 19:42	10°♊12'40	22°39'31
	-10231 Sep 21 j 06:30	0°♋	
desc. node	-10231 Oct 04 j 17:25	20°♋16'43	
morning set	-10231 Oct 09 j 08:10	27°♋40'07	
	-10231 Oct 10 j 18:22	0°♌	
max. Earth dist.	-10231 Oct 14 j 19:21	6°♌44'51	1.40670 AU
superior conj	-10231 Oct 22 j 11:07	20°♌07'49	-1°32'01
minimum elong	-10231 Oct 22 j 08:01	19°♌53'50	1°31'23
	-10231 Oct 27 j 20:12	0°♍	
evening rise	-10231 Nov 01 j 08:37	8°♍29'18	
	-10231 Nov 13 j 19:30	0°♎	
asc. node	-10231 Nov 14 j 23:09	1°♎31'33	
evening max el	-10231 Nov 17 j 13:25	4°♎27'09	18°19'44
retrograde	-10231 Nov 24 j 21:53	8°♎07'14	
evening set	-10231 Nov 27 j 10:04	7°♎42'44	
inferior conj	-10231 Dec 04 j 17:17	2°♎59'34	4°13'07
minimum elong	-10231 Dec 04 j 15:44	3°♎02'50	4°13'03
min. Earth dist.	-10231 Dec 07 j 22:27	0°♎17'59	0.59805 AU
	-10231 Dec 08 j 07:28	30°℞♍	
morning rise	-10231 Dec 11 j 19:46	27°♍34'02	
direct	-10231 Dec 18 j 11:10	25°♍37'12	
	-10231 Dec 29 j 00:57	0°♎	
desc. node	-10231 Dec 31 j 18:39	2°♎19'40	
morning max el	-10230 Jan 01 j 12:40	3°♎02'08	26°53'09
	-10230 Jan 21 j 04:48	0°♏	
morning set	-10230 Jan 31 j 21:31	20°♏28'41	
	-10230 Feb 05 j 08:48	0°♐	
superior conj	-10230 Feb 07 j 22:27	5°♐35'50	-0°28'25
minimum elong	-10230 Feb 07 j 23:36	5°♐42'11	0°28'41
max. Earth dist.	-10230 Feb 07 j 17:34	5°♐09'12	1.32759 AU
asc. node	-10230 Feb 10 j 21:05	12°♐00'51	
evening rise	-10230 Feb 14 j 23:43	20°♐46'44	
	-10230 Feb 19 j 13:24	0°♑	
	-10230 Mar 10 j 12:48	0°♒	
evening max el	-10230 Mar 15 j 14:29	5°♒28'42	26°08'17
retrograde	-10230 Mar 29 j 17:40	12°♒48'03	
desc. node	-10230 Mar 29 j 18:47	12°♒48'02	
evening set	-10230 Apr 04 j 13:16	11°♒24'04	
min. Earth dist.	-10230 Apr 09 j 03:46	8°♒33'47	0.58868 AU
inferior conj	-10230 Apr 12 j 11:27	6°♒02'14	-2°59'50
minimum elong	-10230 Apr 12 j 07:58	6°♒08'56	2°59'43
morning rise	-10230 Apr 20 j 05:40	1°♒32'15	
direct	-10230 Apr 22 j 15:02	1°♒12'32	
morning max el	-10230 Apr 30 j 11:06	4°♒57'32	18°31'50
asc. node	-10230 May 09 j 20:41	18°♒05'06	
	-10230 May 16 j 07:13	0°♓	
morning set	-10230 May 16 j 15:51	0°♓41'18	
superior conj	-10230 May 25 j 21:51	18°♓16'14	1°46'07
minimum elong	-10230 May 25 j 19:58	18°♓07'32	1°45'52
	-10230 Jun 01 j 09:49	0°♈	
max. Earth dist.	-10230 Jun 02 j 01:51	1°♈10'08	1.39802 AU
evening rise	-10230 Jun 06 j 13:23	8°♈49'59	
	-10230 Jun 19 j 21:28	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10230	Jun	25 j 16:13	8°♉27'39				-10229	Jun	13 j 21:37	0°♉	
evening max el	-10230	Jul	11 j 11:31	28°♉22'19	23°34'13		evening max el	-10229	Jun	23 j 21:36	11°♉45'02	24°54'36
	-10230	Jul	13 j 04:17	0°♊			retrograde	-10229	Jul	05 j 12:14	18°♉34'11	
retrograde	-10230	Jul	21 j 23:45	4°♊36'10			evening set	-10229	Jul	11 j 06:29	16°♉03'51	
evening set	-10230	Jul	27 j 03:05	2°♊24'38			min. Earth dist.	-10229	Jul	15 j 18:34	10°♉51'55	0.66914 AU
	-10230	Jul	29 j 10:30	30°℞♉			inferior conj	-10229	Jul	16 j 13:39	9°♉48'14	-2°08'02
inferior conj	-10230	Aug	01 j 08:37	26°♉09'06	-1°24'42		minimum elong	-10229	Jul	16 j 16:00	9°♉40'26	2°06'58
minimum elong	-10230	Aug	01 j 10:19	26°♉03'16	1°23'38		morning rise	-10229	Jul	22 j 01:27	3°♉43'54	
min. Earth dist.	-10230	Aug	01 j 00:56	26°♉35'29	0.67218 AU		asc. node	-10229	Jul	23 j 18:15	2°♉48'12	
asc. node	-10230	Aug	05 j 21:20	20°♉38'58			direct	-10229	Jul	25 j 17:26	2°♉26'01	
morning rise	-10230	Aug	06 j 17:28	19°♉56'05			morning max el	-10229	Aug	02 j 10:50	6°♉57'36	20°08'22
direct	-10230	Aug	10 j 19:59	18°♉21'23				-10229	Aug	19 j 05:50	0°♊	
morning max el	-10230	Aug	19 j 12:02	23°♉31'47	21°19'00		morning set	-10229	Aug	28 j 23:51	15°♊00'00	
	-10230	Aug	25 j 00:14	0°♊				-10229	Sep	07 j 13:01	0°♋	
	-10230	Sep	14 j 16:20	0°♋			desc. node	-10229	Sep	08 j 11:20	1°♋28'52	
morning set	-10230	Sep	18 j 21:48	6°♋34'48			max. Earth dist.	-10229	Sep	09 j 11:16	3°♋04'29	1.43807 AU
desc. node	-10230	Sep	21 j 14:20	10°♋49'49								
max. Earth dist.	-10230	Sep	26 j 23:53	19°♋32'14	1.42463 AU		superior conj	-10229	Sep	14 j 09:01	10°♋59'43	-0°35'22
	-10230	Oct	03 j 06:30	0°♌			minimum elong	-10229	Sep	14 j 05:25	10°♋45'03	0°34'21
								-10229	Sep	25 j 18:21	0°♌	
superior conj	-10230	Oct	03 j 23:47	1°♌13'33	-1°10'27		evening rise	-10229	Sep	27 j 16:55	3°♌18'59	
minimum elong	-10230	Oct	03 j 19:04	0°♌53'28	1°09'27			-10229	Oct	14 j 16:59	0°♍	
evening rise	-10230	Oct	15 j 09:31	21°♌19'18			evening max el	-10229	Oct	15 j 13:28	0°♍54'41	18°14'20
	-10230	Oct	20 j 05:44	0°♍			asc. node	-10229	Oct	19 j 17:38	3°♍58'09	
evening max el	-10230	Nov	01 j 00:08	17°♍34'19	18°07'32		retrograde	-10229	Oct	22 j 03:54	4°♍28'44	
asc. node	-10230	Nov	01 j 20:24	18°♍22'18			evening set	-10229	Oct	24 j 21:09	3°♍50'32	
retrograde	-10230	Nov	07 j 19:22	21°♍06'19				-10229	Oct	29 j 18:34	30°℞♌	
evening set	-10230	Nov	10 j 09:11	20°♍36'00			inferior conj	-10229	Oct	31 j 05:52	28°♌26'38	3°12'59
inferior conj	-10230	Nov	17 j 04:28	15°♍31'32	3°50'31		minimum elong	-10229	Oct	31 j 02:10	28°♌36'38	3°12'23
minimum elong	-10230	Nov	17 j 01:08	15°♍39'33	3°50'10		min. Earth dist.	-10229	Nov	02 j 14:26	25°♌54'29	0.63346 AU
min. Earth dist.	-10230	Nov	20 j 01:36	12°♍46'00	0.61667 AU		morning rise	-10229	Nov	06 j 06:25	22°♌30'23	
morning rise	-10230	Nov	23 j 15:56	9°♍49'17			direct	-10229	Nov	13 j 06:58	19°♌47'40	
direct	-10230	Nov	30 j 17:18	7°♍22'28			morning max el	-10229	Nov	26 j 21:54	27°♌21'07	27°32'36
morning max el	-10230	Dec	14 j 14:43	14°♍53'08	27°30'23			-10229	Nov	29 j 11:34	0°♍	
desc. node	-10230	Dec	18 j 15:22	19°♍08'35			desc. node	-10229	Dec	05 j 12:05	7°♍11'31	
	-10230	Dec	27 j 00:28	0°♎				-10229	Dec	20 j 14:41	0°♎	
	-10229	Jan	13 j 13:37	0°♏			morning set	-10229	Dec	31 j 03:44	19°♎34'40	
morning set	-10229	Jan	16 j 03:49	5°♏13'00				-10228	Jan	05 j 05:19	0°♏	
max. Earth dist.	-10229	Jan	22 j 05:29	18°♏03'06	1.32929 AU		max. Earth dist.	-10228	Jan	05 j 12:09	0°♏36'06	1.33471 AU
superior conj	-10229	Jan	23 j 09:44	20°♏36'21	-0°49'58		superior conj	-10228	Jan	07 j 18:46	5°♏26'58	-1°09'12
minimum elong	-10229	Jan	23 j 11:35	20°♏46'27	0°50'02		minimum elong	-10228	Jan	07 j 21:00	5°♏38'58	1°09'11
	-10229	Jan	27 j 17:34	0°♐			evening rise	-10228	Jan	14 j 21:43	20°♏41'43	
asc. node	-10229	Jan	28 j 18:17	2°♐12'33			asc. node	-10228	Jan	15 j 15:30	22°♏14'35	
evening rise	-10229	Jan	30 j 10:24	5°♐45'07				-10228	Jan	19 j 11:47	0°♐	
	-10229	Feb	12 j 10:35	0°♑			evening max el	-10228	Feb	07 j 02:42	27°♐25'49	23°16'16
evening max el	-10229	Feb	25 j 09:29	16°♑35'13	24°48'52			-10228	Feb	10 j 03:35	0°♑	
retrograde	-10229	Mar	11 j 08:18	23°♑36'05			retrograde	-10228	Feb	20 j 09:57	3°♑54'59	
evening set	-10229	Mar	16 j 01:32	22°♑45'17			evening set	-10228	Feb	24 j 01:27	3°♑25'56	
desc. node	-10229	Mar	16 j 15:53	22°♑31'57			min. Earth dist.	-10228	Mar	02 j 14:43	29°♐58'31	0.55850 AU
min. Earth dist.	-10229	Mar	21 j 22:48	19°♑42'03	0.57088 AU		desc. node	-10228	Mar	02 j 12:57	0°♑01'06	
inferior conj	-10229	Mar	24 j 17:19	17°♑52'14	-1°57'58			-10228	Mar	02 j 13:42	30°℞♐	
minimum elong	-10229	Mar	24 j 13:27	17°♑58'38	1°57'30		inferior conj	-10228	Mar	04 j 04:05	29°♐03'19	-0°25'23
morning rise	-10229	Apr	02 j 04:33	13°♑39'37			minimum elong	-10228	Mar	04 j 02:59	29°♐04'56	0°25'36
direct	-10229	Apr	04 j 10:35	13°♑25'00			morning rise	-10228	Mar	13 j 06:39	25°♐00'50	
morning max el	-10229	Apr	13 j 13:28	17°♑43'02	19°16'25		direct	-10228	Mar	15 j 12:44	24°♐48'18	
	-10229	Apr	22 j 15:36	0°♒				-10228	Mar	26 j 09:27	0°♑	
asc. node	-10229	Apr	26 j 17:35	7°♒22'41			morning max el	-10228	Mar	26 j 06:13	29°♐52'20	20°20'47
morning set	-10229	Apr	30 j 12:34	14°♒44'56			asc. node	-10228	Apr	12 j 14:30	27°♑03'06	
	-10229	May	08 j 05:22	0°♓			morning set	-10228	Apr	13 j 16:39	29°♑15'07	
								-10228	Apr	14 j 01:29	0°♒	
superior conj	-10229	May	08 j 22:32	1°♓23'30	1°33'56							
minimum elong	-10229	May	08 j 19:38	1°♓09'27	1°33'21		superior conj	-10228	Apr	21 j 12:14	15°♒13'09	1°16'09
max. Earth dist.	-10229	May	15 j 02:26	13°♓02'10	1.37935 AU		minimum elong	-10228	Apr	21 j 09:20	14°♒58'34	1°15'18
evening rise	-10229	May	19 j 01:58	20°♓11'36			max. Earth dist.	-10228	Apr	26 j 08:03	24°♒45'50	1.36247 AU
	-10229	May	24 j 19:35	0°♈				-10228	Apr	29 j 02:02	0°♓	
desc. node	-10229	Jun	12 j 13:35	28°♈13'40			evening rise	-10228	Apr	30 j 13:06	2°♓43'06	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10228 May 16 j 19:32	0°♈		
desc. node	-10228 May 29 j 11:00	17°♈28'16		
evening max el	-10228 Jun 05 j 07:39	25°♈08'46	26°05'12	
	-10228 Jun 11 j 03:18	0°♉		
retrograde	-10228 Jun 17 j 20:11	2°♉23'05		
	-10228 Jun 23 j 18:31	30°℞♈		
evening set	-10228 Jun 24 j 04:17	29°♈39'21		
min. Earth dist.	-10228 Jun 28 j 07:40	25°♈06'43	0.66257 AU	
inferior conj	-10228 Jun 29 j 15:32	23°♈25'49	-2°45'22	
minimum elong	-10228 Jun 29 j 18:07	23°♈17'38	2°44'31	
morning rise	-10228 Jul 05 j 08:02	17°♈33'22		
direct	-10228 Jul 08 j 15:25	16°♈30'14		
asc. node	-10228 Jul 09 j 15:08	16°♈35'41		
morning max el	-10228 Jul 15 j 16:08	20°♈30'24	19°11'24	
	-10228 Jul 23 j 01:49	0°♉		
morning set	-10228 Aug 07 j 10:51	23°♉52'34		
	-10228 Aug 11 j 07:51	0°♊		
max. Earth dist.	-10228 Aug 22 j 03:14	17°♊04'02	1.44526 AU	
superior conj	-10228 Aug 23 j 17:21	19°♊35'05	0°09'50	
minimum elong	-10228 Aug 23 j 18:38	19°♊40'10	0°10'15	
behind sun begin	-10228 Aug 23 j 09:42	19°♊04'43		
behind sun end	-10228 Aug 24 j 03:35	20°♊15'39		
desc. node	-10228 Aug 25 j 08:25	22°♊10'08		
	-10228 Aug 30 j 06:09	0°♋		
evening rise	-10228 Sep 08 j 01:16	14°♋14'30		
	-10228 Sep 17 j 18:00	0°♌		
evening max el	-10228 Sep 28 j 02:23	14°♌21'10	18°39'09	
retrograde	-10228 Oct 04 j 19:33	18°♌06'22		
asc. node	-10228 Oct 05 j 14:50	18°♌02'45		
evening set	-10228 Oct 07 j 18:19	17°♌17'46		
inferior conj	-10228 Oct 13 j 18:03	11°♌37'27	2°26'47	
minimum elong	-10228 Oct 13 j 14:53	11°♌46'51	2°26'14	
min. Earth dist.	-10228 Oct 15 j 13:18	9°♌29'28	0.64735 AU	
morning rise	-10228 Oct 19 j 10:56	5°♌30'01		
direct	-10228 Oct 26 j 03:11	2°♌44'47		
morning max el	-10228 Nov 08 j 07:45	10°♌15'55	27°02'21	
desc. node	-10228 Nov 21 j 08:47	26°♌06'14		
	-10228 Nov 24 j 01:55	0°♍		
	-10228 Dec 11 j 23:35	0°♎		
morning set	-10228 Dec 13 j 18:13	3°♎23'36		
max. Earth dist.	-10228 Dec 18 j 10:06	12°♎38'52	1.34415 AU	
superior conj	-10228 Dec 21 j 23:33	20°♎00'44	-1°25'11	
minimum elong	-10228 Dec 22 j 01:44	20°♎12'09	1°25'07	
	-10228 Dec 26 j 17:03	0°♏		
evening rise	-10228 Dec 29 j 07:59	5°♏30'24		
asc. node	-10227 Jan 01 j 12:47	12°♏01'51		
	-10227 Jan 11 j 21:32	0°♐		
evening max el	-10227 Jan 18 j 23:29	8°♐24'38	21°44'07	
retrograde	-10227 Jan 31 j 02:07	14°♐09'58		
evening set	-10227 Feb 03 j 00:03	13°♐50'55		
inferior conj	-10227 Feb 12 j 02:35	9°♐48'09	1°22'27	
minimum elong	-10227 Feb 12 j 06:05	9°♐43'10	1°20'48	
min. Earth dist.	-10227 Feb 12 j 05:09	9°♐44'30	0.55400 AU	
desc. node	-10227 Feb 17 j 09:56	7°♐01'15		
morning rise	-10227 Feb 21 j 12:15	5°♐41'40		
direct	-10227 Feb 24 j 03:51	5°♐25'58		
morning max el	-10227 Mar 08 j 11:56	11°♐21'43	21°43'05	
	-10227 Mar 21 j 20:35	0°♑		
morning set	-10227 Mar 29 j 01:35	14°♑04'24		
asc. node	-10227 Mar 30 j 11:28	17°♑00'27		
superior conj	-10227 Apr 05 j 11:12	29°♑34'22	0°54'57	
minimum elong	-10227 Apr 05 j 08:56	29°♑22'31	0°54'02	
	-10227 Apr 05 j 16:08	0°♒		
max. Earth dist.	-10227 Apr 08 j 22:52	6°♒44'26	1.34869 AU	
evening rise	-10227 Apr 13 j 17:10	16°♒08'39		
	-10227 Apr 21 j 06:56	0°♓		
	-10227 May 11 j 05:46	0°♈		
desc. node	-10227 May 16 j 08:25	5°♈58'30		
evening max el	-10227 May 18 j 18:24	8°♈27'57	26°57'35	
retrograde	-10227 May 31 j 23:15	15°♈56'29		
evening set	-10227 Jun 07 j 17:59	13°♈08'34		
min. Earth dist.	-10227 Jun 11 j 14:07	9°♈14'29	0.65209 AU	
inferior conj	-10227 Jun 13 j 12:07	6°♈59'16	-3°14'44	
minimum elong	-10227 Jun 13 j 14:26	6°♈52'28	3°14'19	
morning rise	-10227 Jun 19 j 11:13	1°♈21'27		
direct	-10227 Jun 22 j 11:51	0°♈30'51		
asc. node	-10227 Jun 26 j 11:58	1°♈55'14		
morning max el	-10227 Jun 29 j 02:35	4°♈08'44	18°30'27	
	-10227 Jul 16 j 12:51	0°♉		
morning set	-10227 Jul 18 j 20:44	3°♉49'32		
superior conj	-10227 Aug 02 j 17:14	27°♉48'57	0°54'59	
minimum elong	-10227 Aug 02 j 23:13	28°♉12'46	0°54'47	
	-10227 Aug 04 j 02:15	0°♊		
max. Earth dist.	-10227 Aug 04 j 20:16	1°♊11'22	1.44537 AU	
desc. node	-10227 Aug 12 j 05:36	12°♊50'57		
evening rise	-10227 Aug 19 j 06:49	23°♊56'49		
	-10227 Aug 23 j 03:10	0°♋		
greatest brilliancy	-10227 Aug 28 j 11:39	8°♋22'13	-0.8m	
evening max el	-10227 Sep 11 j 12:14	27°♋49'51	19°20'51	
	-10227 Sep 13 j 21:55	0°♌		
retrograde	-10227 Sep 18 j 15:04	1°♌54'45		
evening set	-10227 Sep 21 j 21:37	0°♌52'39		
asc. node	-10227 Sep 22 j 12:00	0°♌28'02		
	-10227 Sep 23 j 02:12	30°℞♋		
inferior conj	-10227 Sep 27 j 14:06	24°♋59'22	1°36'08	
minimum elong	-10227 Sep 27 j 11:55	25°♋06'17	1°35'53	
min. Earth dist.	-10227 Sep 28 j 20:56	23°♋21'17	0.65812 AU	
morning rise	-10227 Oct 03 j 01:52	18°♋44'06		
direct	-10227 Oct 09 j 05:38	16°♋06'42		
morning max el	-10227 Oct 21 j 17:58	23°♋25'40	26°05'47	
	-10227 Oct 27 j 16:05	0°♌		
desc. node	-10227 Nov 08 j 05:29	15°♌37'46		
	-10227 Nov 17 j 09:41	0°♍		
morning set	-10227 Nov 26 j 19:12	16°♍27'33		
max. Earth dist.	-10227 Nov 30 j 20:58	24°♍10'36	1.35788 AU	
	-10227 Dec 03 j 20:01	0°♎		
superior conj	-10227 Dec 05 j 21:39	4°♎09'49	-1°36'38	
minimum elong	-10227 Dec 05 j 23:11	4°♎17'37	1°36'32	
evening rise	-10227 Dec 13 j 15:26	20°♎05'06		
	-10227 Dec 18 j 15:23	0°♏		
asc. node	-10227 Dec 19 j 10:05	1°♏27'53		
evening max el	-10226 Jan 01 j 04:38	19°♏50'54	20°23'08	
retrograde	-10226 Jan 11 j 17:54	24°♏48'10		
evening set	-10226 Jan 14 j 08:08	24°♏31'31		
inferior conj	-10226 Jan 23 j 01:32	20°♏31'58	2°56'50	
minimum elong	-10226 Jan 23 j 07:15	20°♏23'24	2°55'02	
min. Earth dist.	-10226 Jan 24 j 19:02	19°♏30'01	0.55835 AU	
morning rise	-10226 Feb 01 j 04:39	16°♏05'51		
desc. node	-10226 Feb 04 j 06:51	15°♏37'15		
direct	-10226 Feb 04 j 20:09	15°♏36'34		
morning max el	-10226 Feb 18 j 07:49	22°♏16'31	23°17'41	
	-10226 Feb 25 j 00:35	0°♐		
morning set	-10226 Mar 13 j 13:13	29°♐04'51		
	-10226 Mar 13 j 23:45	0°♑		
asc. node	-10226 Mar 17 j 08:29	7°♑08'58		
superior conj	-10226 Mar 20 j 16:26	14°♑16'54	0°31'55	
minimum elong	-10226 Mar 20 j 15:05	14°♑09'41	0°31'04	
max. Earth dist.	-10226 Mar 22 j 23:31	19°♑08'43	1.33848 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10226 Mar 28 j 09:16	0°♒12'49	
	-10226 Mar 28 j 06:41	0°♒	
	-10226 Apr 14 j 07:58	0°♓	
evening max el	-10226 May 01 j 04:50	21°♓31'56	27°24'25
desc. node	-10226 May 03 j 05:48	23°♓25'01	
retrograde	-10226 May 14 j 20:49	29°♓05'09	
evening set	-10226 May 21 j 20:32	26°♓25'43	
min. Earth dist.	-10226 May 25 j 12:18	23°♓04'55	0.63766 AU
inferior conj	-10226 May 28 j 00:51	20°♓23'20	-3°33'27
minimum elong	-10226 May 28 j 02:12	20°♓19'41	3°33'31
morning rise	-10226 Jun 03 j 08:41	15°♓02'28	
direct	-10226 Jun 06 j 04:06	14°♓22'22	
morning max el	-10226 Jun 12 j 15:59	17°♓47'39	18°06'51
asc. node	-10226 Jun 13 j 08:48	18°♓31'15	
	-10226 Jun 21 j 12:21	0°♈	
morning set	-10226 Jun 30 j 08:01	14°♈57'22	
	-10226 Jul 09 j 04:53	0°♉	
superior conj	-10226 Jul 13 j 06:51	6°♉44'31	1°28'44
minimum elong	-10226 Jul 13 j 12:45	7°♉08'37	1°28'34
max. Earth dist.	-10226 Jul 18 j 11:04	15°♉07'18	1.43850 AU
	-10226 Jul 27 j 21:18	0°♊	
evening rise	-10226 Jul 29 j 13:29	2°♊36'09	
desc. node	-10226 Jul 30 j 02:53	3°♊28'04	
	-10226 Aug 16 j 18:14	0°♋	
evening max el	-10226 Aug 25 j 16:46	11°♋17'35	20°17'57
retrograde	-10226 Sep 02 j 11:53	15°♋50'37	
evening set	-10226 Sep 06 j 04:33	14°♋31'48	
asc. node	-10226 Sep 09 j 09:05	11°♋24'14	
inferior conj	-10226 Sep 11 j 15:33	8°♋28'45	0°43'53
minimum elong	-10226 Sep 11 j 14:32	8°♋32'06	0°44'04
min. Earth dist.	-10226 Sep 12 j 11:02	7°♋23'35	0.66582 AU
morning rise	-10226 Sep 17 j 00:17	2°♋09'29	
	-10226 Sep 20 j 20:01	30°℞♊	
direct	-10226 Sep 22 j 13:47	29°♊46'45	
	-10226 Sep 24 j 09:18	0°♋	
morning max el	-10226 Oct 04 j 03:29	6°♋40'15	24°51'19
	-10226 Oct 22 j 08:41	0°♌	
desc. node	-10226 Oct 26 j 02:14	5°♌35'34	
morning set	-10226 Nov 09 j 01:35	28°♌32'12	
	-10226 Nov 09 j 21:25	0°♍	
max. Earth dist.	-10226 Nov 12 j 22:09	5°♍28'13	1.37549 AU
superior conj	-10226 Nov 19 j 09:53	17°♍44'58	-1°41'52
minimum elong	-10226 Nov 19 j 10:05	17°♍45'56	1°41'40
	-10226 Nov 25 j 14:03	0°♎	
evening rise	-10226 Nov 27 j 18:03	4°♎20'09	
asc. node	-10226 Dec 06 j 07:24	20°♎24'59	
	-10226 Dec 13 j 00:58	0°♏	
evening max el	-10226 Dec 14 j 20:05	1°♏51'59	19°19'31
retrograde	-10226 Dec 23 j 20:36	6°♏08'34	
evening set	-10226 Dec 26 j 08:56	5°♏50'08	
inferior conj	-10225 Jan 03 j 13:11	1°♏39'09	3°55'41
minimum elong	-10225 Jan 03 j 16:59	1°♏32'47	3°54'56
	-10225 Jan 06 j 00:23	30°℞♎	
min. Earth dist.	-10225 Jan 06 j 09:07	29°♎45'46	0.57042 AU
morning rise	-10225 Jan 11 j 22:46	26°♎47'57	
direct	-10225 Jan 16 j 22:48	25°♎50'19	
desc. node	-10225 Jan 22 j 03:39	26°♎53'04	
	-10225 Jan 27 j 12:17	0°♏	
morning max el	-10225 Jan 30 j 22:41	2°♏56'53	24°53'44
	-10225 Feb 18 j 22:28	0°♐	
morning set	-10225 Feb 26 j 01:43	14°♐09'59	
asc. node	-10225 Mar 04 j 05:34	27°♐24'09	
superior conj	-10225 Mar 05 j 01:40	29°♐13'09	0°08'12
minimum elong	-10225 Mar 05 j 01:20	29°♐11'22	0°07'33
behind sun begin	-10225 Mar 04 j 20:51	28°♐47'04	
behind sun end	-10225 Mar 05 j 05:49	29°♐35'39	
	-10225 Mar 05 j 10:19	0°♑	
max. Earth dist.	-10225 Mar 06 j 07:58	1°♑56'58	1.33176 AU
evening rise	-10225 Mar 12 j 09:47	14°♑43'53	
	-10225 Mar 20 j 08:38	0°♒	
	-10225 Apr 09 j 14:09	0°♓	
evening max el	-10225 Apr 13 j 12:55	4°♓09'38	27°20'15
desc. node	-10225 Apr 20 j 03:07	9°♓21'56	
retrograde	-10225 Apr 27 j 11:47	11°♓40'32	
evening set	-10225 May 04 j 08:26	9°♓23'17	
min. Earth dist.	-10225 May 08 j 01:20	6°♓25'33	0.61988 AU
inferior conj	-10225 May 11 j 02:37	3°♓31'50	-3°37'31
minimum elong	-10225 May 11 j 02:18	3°♓32'37	3°37'51
	-10225 May 15 j 05:00	30°℞♒	
morning rise	-10225 May 17 j 21:40	28°♒29'51	
direct	-10225 May 20 j 13:00	27°♒58'36	
	-10225 May 25 j 16:32	0°♓	
morning max el	-10225 May 27 j 05:51	1°♓21'39	18°01'31
asc. node	-10225 May 31 j 05:37	6°♓08'16	
morning set	-10225 Jun 12 j 17:16	27°♓08'28	
	-10225 Jun 14 j 07:26	0°♈	
superior conj	-10225 Jun 23 j 22:27	16°♈56'31	1°46'21
minimum elong	-10225 Jun 24 j 01:00	17°♈07'24	1°46'22
max. Earth dist.	-10225 Jun 30 j 21:26	28°♈36'29	1.42571 AU
	-10225 Jul 01 j 17:50	0°♉	
evening rise	-10225 Jul 08 j 14:56	11°♉01'22	
desc. node	-10225 Jul 17 j 00:13	23°♉57'32	
	-10225 Jul 21 j 01:02	0°♊	
evening max el	-10225 Aug 08 j 14:37	24°♊41'47	21°28'01
retrograde	-10225 Aug 17 j 07:55	29°♊50'41	
evening set	-10225 Aug 21 j 12:55	28°♊12'12	
inferior conj	-10225 Aug 26 j 20:15	22°♊02'19	-0°07'57
minimum elong	-10225 Aug 26 j 20:25	22°♊01'47	0°07'19
transit middle	-10225 Aug 26 j 20:25	22°♊01'47	0°07'19
transit begin	-10225 Aug 26 j 18:00	22°♊10'06	
transit end	-10225 Aug 26 j 22:50	21°♊53'27	
min. Earth dist.	-10225 Aug 27 j 05:09	21°♊31'48	0.67061 AU
asc. node	-10225 Aug 27 j 06:06	21°♊28'32	
morning rise	-10225 Sep 01 j 03:45	15°♊42'50	
direct	-10225 Sep 06 j 02:48	13°♊38'25	
morning max el	-10225 Sep 16 j 13:28	19°♊54'46	23°28'02
	-10225 Sep 25 j 02:09	0°♋	
desc. node	-10225 Oct 12 j 23:01	25°♋51'16	
	-10225 Oct 15 j 14:01	0°♌	
morning set	-10225 Oct 21 j 07:42	9°♌22'25	
max. Earth dist.	-10225 Oct 25 j 20:04	17°♌04'41	1.39536 AU
superior conj	-10225 Nov 02 j 07:56	0°♍33'23	-1°38'42
minimum elong	-10225 Nov 02 j 06:08	0°♍24'58	1°38'15
	-10225 Nov 02 j 00:44	0°♍	
evening rise	-10225 Nov 11 j 13:16	18°♍08'16	
	-10225 Nov 17 j 20:46	0°♎	
asc. node	-10225 Nov 23 j 04:41	8°♎42'50	
evening max el	-10225 Nov 27 j 20:52	14°♎23'56	18°35'40
retrograde	-10225 Dec 05 j 16:50	18°♎13'22	
evening set	-10225 Dec 08 j 04:59	17°♎51'17	
inferior conj	-10225 Dec 15 j 19:36	13°♎20'26	4°15'50
minimum elong	-10225 Dec 15 j 19:48	13°♎20'03	4°15'45
min. Earth dist.	-10225 Dec 19 j 01:19	10°♎50'50	0.58742 AU
morning rise	-10225 Dec 23 j 08:47	8°♎06'36	
direct	-10225 Dec 29 j 13:07	6°♎31'20	
desc. node	-10224 Jan 09 j 00:24	10°♎43'38	
morning max el	-10224 Jan 12 j 15:08	13°♎50'30	26°16'47
	-10224 Jan 25 j 12:17	0°♏	
morning set	-10224 Feb 10 j 13:20	29°♏12'54	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10224 Feb 10 j 22:19	0°♐		
superior conj	-10224 Feb 17 j 13:01	14°♐16'01	-0°15'19	
minimum elong	-10224 Feb 17 j 13:40	14°♐19'36	0°15'43	
behind sun begin	-10224 Feb 17 j 13:30	14°♐18'41		
behind sun end	-10224 Feb 17 j 13:50	14°♐20'32		
max. Earth dist.	-10224 Feb 17 j 20:51	14°♐58'46	1.32825 AU	
asc. node	-10224 Feb 19 j 02:42	17°♐41'28		
evening rise	-10224 Feb 24 j 15:56	29°♐31'51		
	-10224 Feb 24 j 21:22	0°♑		
	-10224 Mar 12 j 15:41	0°♒		
evening max el	-10224 Mar 25 j 16:22	16°♒11'39	26°43'16	
desc. node	-10224 Apr 06 j 00:19	23°♒16'29		
retrograde	-10224 Apr 08 j 18:41	23°♒35'56		
evening set	-10224 Apr 15 j 02:26	21°♒51'17		
min. Earth dist.	-10224 Apr 19 j 05:34	19°♒02'45	0.60010 AU	
inferior conj	-10224 Apr 22 j 13:55	16°♒16'51	-3°21'13	
minimum elong	-10224 Apr 22 j 11:28	16°♒21'57	3°21'22	
morning rise	-10224 Apr 29 j 22:54	11°♒35'09		
direct	-10224 May 02 j 10:36	11°♒11'26		
morning max el	-10224 May 09 j 17:33	14°♒44'15	18°15'12	
asc. node	-10224 May 17 j 02:28	24°♒33'00		
	-10224 May 20 j 06:50	0°♓		
morning set	-10224 May 25 j 19:41	10°♓12'00		
superior conj	-10224 Jun 04 j 16:20	28°♓27'53	1°49'27	
minimum elong	-10224 Jun 04 j 15:41	28°♓24'54	1°49'22	
	-10224 Jun 05 j 12:51	0°♈		
max. Earth dist.	-10224 Jun 12 j 02:31	11°♈28'02	1.40874 AU	
evening rise	-10224 Jun 17 j 09:08	20°♈15'35		
	-10224 Jun 23 j 11:27	0°♉		
desc. node	-10224 Jul 02 j 21:36	14°♉15'11		
	-10224 Jul 14 j 07:21	0°♊		
evening max el	-10224 Jul 21 j 06:01	8°♊03'09	22°47'00	
retrograde	-10224 Jul 31 j 01:53	13°♊52'56		
evening set	-10224 Aug 04 j 20:52	11°♊53'13		
inferior conj	-10224 Aug 10 j 02:28	5°♊39'04	-0°57'39	
minimum elong	-10224 Aug 10 j 03:39	5°♊34'56	0°56'41	
min. Earth dist.	-10224 Aug 10 j 00:53	5°♊44'32	0.67249 AU	
asc. node	-10224 Aug 13 j 03:03	1°♊41'16		
	-10224 Aug 14 j 17:20	30°℞♉		
morning rise	-10224 Aug 15 j 10:22	29°♉22'57		
direct	-10224 Aug 19 j 19:56	27°♉37'44		
	-10224 Aug 25 j 13:33	0°♊		
morning max el	-10224 Aug 29 j 02:50	3°♊11'48	22°04'28	
	-10224 Sep 18 j 04:53	0°♋		
desc. node	-10224 Sep 28 j 19:55	16°♋19'35		
morning set	-10224 Sep 30 j 10:55	18°♋54'44		
max. Earth dist.	-10224 Oct 06 j 21:43	29°♋26'35	1.41480 AU	
	-10224 Oct 07 j 05:43	0°♌		
superior conj	-10224 Oct 14 j 10:28	12°♌20'55	-1°24'31	
minimum elong	-10224 Oct 14 j 06:31	12°♌03'29	1°23'43	
	-10224 Oct 24 j 04:11	0°♍		
evening rise	-10224 Oct 24 j 22:01	1°♍22'29		
asc. node	-10224 Nov 09 j 01:57	26°♍09'33		
evening max el	-10224 Nov 10 j 04:43	27°♍20'15	18°12'03	
	-10224 Nov 13 j 16:45	0°♎		
retrograde	-10224 Nov 17 j 06:23	0°♎55'38		
evening set	-10224 Nov 19 j 19:07	0°♎28'47		
	-10224 Nov 20 j 22:39	30°℞♍		
inferior conj	-10224 Nov 26 j 21:03	25°♍36'00	4°05'50	
minimum elong	-10224 Nov 26 j 18:33	25°♍41'35	4°05'41	
min. Earth dist.	-10224 Nov 29 j 23:28	22°♍50'38	0.60615 AU	
morning rise	-10224 Dec 03 j 16:38	20°♍03'01		
direct	-10224 Dec 10 j 13:39	17°♍52'19		
morning max el	-10224 Dec 24 j 13:41	25°♍19'13	27°13'13	
desc. node	-10224 Dec 25 j 21:06	26°♍37'19		
	-10224 Dec 28 j 23:10	0°♎		
	-10223 Jan 17 j 17:40	0°♏		
morning set	-10223 Jan 24 j 22:12	14°♏06'32		
max. Earth dist.	-10223 Jan 31 j 10:20	28°♏00'18	1.32796 AU	
superior conj	-10223 Feb 01 j 00:48	29°♏19'13	-0°37'47	
minimum elong	-10223 Feb 01 j 02:17	29°♏27'22	0°37'58	
	-10223 Feb 01 j 08:16	0°♐		
asc. node	-10223 Feb 04 j 23:52	7°♐56'32		
evening rise	-10223 Feb 08 j 01:30	14°♐28'35		
	-10223 Feb 15 j 23:03	0°♑		
evening max el	-10223 Mar 07 j 13:53	27°♑35'15	25°36'49	
	-10223 Mar 10 j 07:43	0°♒		
retrograde	-10223 Mar 21 j 15:49	4°♒47'57		
desc. node	-10223 Mar 23 j 21:28	4°♒35'51		
evening set	-10223 Mar 27 j 01:00	3°♒38'47		
min. Earth dist.	-10223 Apr 01 j 02:56	0°♒44'43	0.58067 AU	
	-10223 Apr 02 j 04:28	30°℞♑		
inferior conj	-10223 Apr 04 j 07:09	28°♑28'43	-2°37'35	
minimum elong	-10223 Apr 04 j 03:11	28°♑35'51	2°37'15	
morning rise	-10223 Apr 12 j 08:33	24°♑06'56		
direct	-10223 Apr 14 j 16:30	23°♑49'34		
morning max el	-10223 Apr 23 j 00:13	27°♑46'19	18°48'27	
	-10223 Apr 25 j 02:51	0°♒		
asc. node	-10223 May 03 j 23:20	13°♒33'54		
morning set	-10223 May 09 j 10:46	23°♒56'24		
	-10223 May 12 j 13:20	0°♓		
superior conj	-10223 May 18 j 07:25	11°♓04'53	1°41'50	
minimum elong	-10223 May 18 j 04:57	10°♓53'14	1°41'25	
max. Earth dist.	-10223 May 25 j 03:16	23°♓37'25	1.38993 AU	
	-10223 May 28 j 18:41	0°♈		
evening rise	-10223 May 29 j 06:19	0°♈49'58		
	-10223 Jun 16 j 19:00	0°♉		
desc. node	-10223 Jun 19 j 19:00	4°♉14'52		
evening max el	-10223 Jul 03 j 16:56	21°♉23'32	24°09'00	
retrograde	-10223 Jul 14 j 16:39	27°♉53'34		
evening set	-10223 Jul 20 j 02:29	25°♉33'17		
inferior conj	-10223 Jul 25 j 08:25	19°♉17'21	-1°43'44	
minimum elong	-10223 Jul 25 j 10:25	19°♉10'31	1°42'38	
min. Earth dist.	-10223 Jul 24 j 19:55	19°♉59'51	0.67130 AU	
morning rise	-10223 Jul 30 j 18:20	13°♉07'52		
asc. node	-10223 Jul 30 j 23:59	12°♉57'36		
direct	-10223 Aug 03 j 16:03	11°♉40'46		
morning max el	-10223 Aug 11 j 21:55	16°♉33'52	20°47'33	
	-10223 Aug 22 j 10:43	0°♊		
morning set	-10223 Sep 09 j 17:17	27°♊30'14		
	-10223 Sep 11 j 07:38	0°♋		
desc. node	-10223 Sep 15 j 16:54	6°♋55'45		
max. Earth dist.	-10223 Sep 19 j 05:24	12°♋34'57	1.43099 AU	
superior conj	-10223 Sep 25 j 11:42	22°♋52'46	-0°57'09	
minimum elong	-10223 Sep 25 j 07:00	22°♋33'06	0°56'05	
	-10223 Sep 29 j 16:47	0°♌		
evening rise	-10223 Oct 07 j 16:07	13°♌52'44		
	-10223 Oct 17 j 00:01	0°♍		
evening max el	-10223 Oct 24 j 16:50	10°♍33'37	18°08'09	
asc. node	-10223 Oct 26 j 23:10	12°♍30'34		
retrograde	-10223 Oct 31 j 09:15	14°♍05'47		
evening set	-10223 Nov 03 j 00:10	13°♍32'30		
inferior conj	-10223 Nov 09 j 14:45	8°♍19'20	3°36'01	
minimum elong	-10223 Nov 09 j 11:07	8°♍28'32	3°35'32	
min. Earth dist.	-10223 Nov 12 j 06:46	5°♍37'41	0.62404 AU	
morning rise	-10223 Nov 15 j 21:05	2°♍30'28		
	-10223 Nov 21 j 16:46	30°℞♌		
direct	-10223 Nov 22 j 23:00	29°♌55'14		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10223 Nov 24 j 05:43	0°♍		
morning max el	-10223 Dec 06 j 18:28	7°♍28'09	27°35'39	
desc. node	-10223 Dec 12 j 17:49	14°♍01'17		
	-10223 Dec 24 j 03:47	0°♎		
morning set	-10222 Jan 09 j 02:11	28°♎43'25		
	-10222 Jan 09 j 17:14	0°♏		
max. Earth dist.	-10222 Jan 14 j 20:36	10°♏47'59	1.33110 AU	
superior conj	-10222 Jan 16 j 11:24	14°♏17'04	-0°58'27	
minimum elong	-10222 Jan 16 j 13:28	14°♏28'15	0°58'29	
asc. node	-10222 Jan 22 j 21:04	28°♏05'13		
evening rise	-10222 Jan 23 j 12:42	29°♏27'37		
	-10222 Jan 23 j 18:53	0°♐		
	-10222 Feb 09 j 21:35	0°♑		
evening max el	-10222 Feb 17 j 07:24	8°♑32'24	24°10'12	
retrograde	-10222 Mar 03 j 01:24	15°♑22'27		
evening set	-10222 Mar 07 j 07:04	14°♑42'22		
desc. node	-10222 Mar 10 j 18:32	13°♑15'33		
min. Earth dist.	-10222 Mar 13 j 20:27	11°♑30'14	0.56476 AU	
inferior conj	-10222 Mar 16 j 04:34	10°♑02'17	-1°21'57	
minimum elong	-10222 Mar 16 j 01:29	10°♑07'09	1°21'37	
morning rise	-10222 Mar 24 j 22:56	5°♑55'40		
direct	-10222 Mar 27 j 04:05	5°♑42'31		
morning max el	-10222 Apr 05 j 22:58	10°♑18'41	19°41'28	
	-10222 Apr 19 j 06:19	0°♒		
asc. node	-10222 Apr 20 j 20:16	3°♒02'28		
morning set	-10222 Apr 23 j 11:00	8°♒12'42		
superior conj	-10222 May 01 j 14:16	24°♒32'31	1°26'56	
minimum elong	-10222 May 01 j 11:16	24°♒17'45	1°26'13	
	-10222 May 04 j 09:21	0°♓		
max. Earth dist.	-10222 May 07 j 04:50	5°♓21'00	1.37182 AU	
evening rise	-10222 May 11 j 05:16	12°♓43'44		
	-10222 May 21 j 08:58	0°♈		
desc. node	-10222 Jun 06 j 16:24	23°♈49'03		
	-10222 Jun 11 j 16:43	0°♉		
evening max el	-10222 Jun 16 j 02:35	4°♉46'22	25°26'16	
retrograde	-10222 Jun 28 j 03:28	11°♉48'27		
evening set	-10222 Jul 04 j 03:47	9°♉11'24		
min. Earth dist.	-10222 Jul 08 j 11:56	4°♉16'00	0.66678 AU	
inferior conj	-10222 Jul 09 j 12:21	2°♉56'07	-2°24'45	
minimum elong	-10222 Jul 09 j 14:51	2°♉47'56	2°23'45	
	-10222 Jul 11 j 20:19	30°℞♈		
morning rise	-10222 Jul 15 j 01:56	26°♈56'27		
asc. node	-10222 Jul 17 j 20:55	25°♈48'09		
direct	-10222 Jul 18 j 13:54	25°♈45'18		
	-10222 Jul 25 j 22:29	0°♉		
morning max el	-10222 Jul 25 j 23:37	0°♉02'54	19°42'14	
	-10222 Aug 16 j 00:12	0°♊		
morning set	-10222 Aug 19 j 20:37	5°♊59'59		
max. Earth dist.	-10222 Sep 01 j 18:30	26°♊18'47	1.44189 AU	
desc. node	-10222 Sep 02 j 13:57	27°♊36'10		
	-10222 Sep 04 j 01:59	0°♋		
superior conj	-10222 Sep 05 j 09:15	2°♋05'16	-0°16'58	
minimum elong	-10222 Sep 05 j 07:22	1°♋57'41	0°16'08	
behind sun begin	-10222 Sep 05 j 05:36	1°♋50'35		
behind sun end	-10222 Sep 05 j 09:08	2°♋04'46		
evening rise	-10222 Sep 19 j 14:20	25°♋26'25		
	-10222 Sep 22 j 07:29	0°♌		
evening max el	-10222 Oct 08 j 06:19	23°♌57'09	18°22'51	
asc. node	-10222 Oct 13 j 20:25	27°♌29'20		
retrograde	-10222 Oct 14 j 21:12	27°♌35'04		
evening set	-10222 Oct 17 j 16:26	26°♌52'57		
inferior conj	-10222 Oct 23 j 21:09	21°♌21'57	2°54'11	
minimum elong	-10222 Oct 23 j 17:35	21°♌31'59	2°53'34	
min. Earth dist.	-10222 Oct 26 j 00:08	18°♌58'43	0.63967 AU	
morning rise	-10222 Oct 29 j 18:03	15°♌20'26		
direct	-10222 Nov 05 j 15:48	12°♌34'47		
morning max el	-10222 Nov 19 j 03:06	20°♌09'06	27°23'26	
	-10222 Nov 27 j 17:25	0°♍		
desc. node	-10222 Nov 29 j 14:31	2°♍28'35		
	-10222 Dec 17 j 02:25	0°♎		
morning set	-10222 Dec 23 j 22:33	12°♎53'01		
max. Earth dist.	-10222 Dec 28 j 23:47	23°♎08'25	1.33813 AU	
superior conj	-10222 Dec 31 j 18:54	29°♎01'52	-1°16'27	
minimum elong	-10222 Dec 31 j 21:11	29°♎13'57	1°16'24	
	-10221 Jan 01 j 05:50	0°♏		
evening rise	-10221 Jan 07 j 23:46	14°♏21'40		
asc. node	-10221 Jan 09 j 18:19	18°♏01'52		
	-10221 Jan 15 j 23:31	0°♐		
evening max el	-10221 Jan 30 j 01:34	19°♐24'24	22°36'22	
retrograde	-10221 Feb 11 j 22:35	25°♐36'08		
evening set	-10221 Feb 15 j 04:58	25°♐12'48		
min. Earth dist.	-10221 Feb 23 j 11:59	21°♐30'41	0.55552 AU	
inferior conj	-10221 Feb 24 j 08:57	21°♐00'29	0°20'00	
minimum elong	-10221 Feb 24 j 09:48	20°♐59'16	0°19'09	
desc. node	-10221 Feb 25 j 15:34	20°♐16'40		
morning rise	-10221 Mar 05 j 15:55	16°♐57'56		
direct	-10221 Mar 08 j 00:19	16°♐44'57		
morning max el	-10221 Mar 19 j 11:10	22°♐11'42	20°53'43	
	-10221 Mar 26 j 00:00	0°♑		
morning set	-10221 Apr 07 j 17:26	22°♑51'51		
asc. node	-10221 Apr 07 j 17:13	22°♑50'48		
	-10221 Apr 11 j 04:18	0°♒		
superior conj	-10221 Apr 15 j 08:19	8°♒36'57	1°07'28	
minimum elong	-10221 Apr 15 j 05:38	8°♒23'12	1°06'35	
max. Earth dist.	-10221 Apr 19 j 13:49	17°♒07'45	1.35622 AU	
evening rise	-10221 Apr 24 j 00:19	25°♒40'41		
	-10221 Apr 26 j 08:21	0°♓		
	-10221 May 14 j 19:18	0°♈		
desc. node	-10221 May 24 j 13:48	12°♈46'55		
evening max el	-10221 May 29 j 13:04	18°♈09'48	26°30'15	
retrograde	-10221 Jun 11 j 09:32	25°♈31'42		
evening set	-10221 Jun 17 j 22:30	22°♈45'07		
min. Earth dist.	-10221 Jun 21 j 22:39	18°♈28'53	0.65856 AU	
inferior conj	-10221 Jun 23 j 12:18	16°♈32'57	-2°58'58	
minimum elong	-10221 Jun 23 j 14:51	16°♈25'07	2°58'17	
morning rise	-10221 Jun 29 j 07:20	10°♈46'06		
direct	-10221 Jul 02 j 11:36	9°♈48'34		
asc. node	-10221 Jul 04 j 17:49	10°♈16'30		
morning max el	-10221 Jul 09 j 07:17	13°♈38'25	18°51'50	
	-10221 Jul 21 j 02:41	0°♉		
morning set	-10221 Jul 30 j 16:25	15°♉17'38		
	-10221 Aug 08 j 21:37	0°♊		
superior conj	-10221 Aug 15 j 11:21	10°♊24'25	0°29'45	
minimum elong	-10221 Aug 15 j 15:02	10°♊38'59	0°29'50	
max. Earth dist.	-10221 Aug 15 j 11:02	10°♊23'09	1.44617 AU	
desc. node	-10221 Aug 20 j 11:05	18°♊18'00		
	-10221 Aug 27 j 19:41	0°♋		
evening rise	-10221 Aug 31 j 11:28	5°♋51'18		
	-10221 Sep 15 j 20:59	0°♌		
evening max el	-10221 Sep 21 j 18:19	7°♌25'45	18°55'01	
retrograde	-10221 Sep 28 j 14:42	11°♌17'58		
asc. node	-10221 Sep 30 j 17:37	10°♌52'16		
evening set	-10221 Oct 01 j 16:33	10°♌24'01		
inferior conj	-10221 Oct 07 j 13:00	4°♌38'05	2°05'41	
minimum elong	-10221 Oct 07 j 10:12	4°♌46'37	2°05'13	
min. Earth dist.	-10221 Oct 09 j 02:54	2°♌42'13	0.65233 AU	
	-10221 Oct 11 j 12:09	30°℞♋		
morning rise	-10221 Oct 13 j 03:26	28°♋27'05		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10221 Oct 19 j 14:55	25°♋43'52		
	-10221 Oct 29 j 00:33	0°♌		
morning max el	-10221 Nov 01 j 13:04	3°♌11'00	26°41'02	
desc. node	-10221 Nov 16 j 11:13	21°♌40'46		
	-10221 Nov 22 j 00:33	0°♍		
morning set	-10221 Dec 07 j 07:48	26°♍24'16		
	-10221 Dec 09 j 04:44	0°♎		
max. Earth dist.	-10221 Dec 11 j 16:51	4°♎55'58	1.34947 AU	
superior conj	-10221 Dec 15 j 21:11	13°♎26'23	-1°30'42	
minimum elong	-10221 Dec 15 j 23:10	13°♎36'40	1°30'37	
evening rise	-10221 Dec 23 j 09:02	29°♎05'05		
	-10221 Dec 23 j 19:41	0°♏		
asc. node	-10221 Dec 27 j 15:35	7°♏40'53		
	-10220 Jan 11 j 11:33	0°♐		
evening max el	-10220 Jan 12 j 01:36	0°♐33'43	21°07'52	
retrograde	-10220 Jan 23 j 12:34	5°♐57'37		
evening set	-10220 Jan 26 j 06:21	5°♐40'13		
inferior conj	-10220 Feb 04 j 05:54	1°♐41'18	2°05'46	
minimum elong	-10220 Feb 04 j 10:51	1°♐34'12	2°03'50	
min. Earth dist.	-10220 Feb 05 j 02:06	1°♐12'21	0.55487 AU	
	-10220 Feb 07 j 05:59	30°℞♏		
desc. node	-10220 Feb 12 j 12:31	27°♏44'23		
morning rise	-10220 Feb 13 j 14:30	27°♏27'53		
direct	-10220 Feb 16 j 14:53	27°♏07'50		
	-10220 Feb 25 j 06:52	0°♐		
morning max el	-10220 Feb 29 j 12:08	3°♐24'00	22°22'12	
	-10220 Mar 18 j 07:34	0°♑		
morning set	-10220 Mar 22 j 03:43	7°♑46'35		
asc. node	-10220 Mar 24 j 14:11	12°♑53'17		
superior conj	-10220 Mar 29 j 10:13	23°♑07'50	0°45'19	
minimum elong	-10220 Mar 29 j 08:19	22°♑57'47	0°44'25	
max. Earth dist.	-10220 Apr 01 j 09:10	29°♑17'45	1.34400 AU	
	-10220 Apr 01 j 17:22	0°♒		
evening rise	-10220 Apr 06 j 10:01	9°♒24'17		
	-10220 Apr 17 j 19:47	0°♓		
	-10220 May 09 j 14:28	0°♈		
desc. node	-10220 May 10 j 11:13	0°♈52'49		
evening max el	-10220 May 11 j 00:08	1°♈24'41	27°12'34	
retrograde	-10220 May 24 j 10:09	8°♈55'20		
evening set	-10220 May 31 j 07:49	6°♈09'43		
min. Earth dist.	-10220 Jun 04 j 01:47	2°♈30'33	0.64644 AU	
inferior conj	-10220 Jun 06 j 05:53	0°♈03'10	-3°24'12	
minimum elong	-10220 Jun 06 j 07:53	29°♓57'31	3°24'00	
	-10220 Jun 06 j 07:00	30°℞♓		
morning rise	-10220 Jun 12 j 08:24	24°♓32'05		
direct	-10220 Jun 15 j 06:44	23°♓46'00		
asc. node	-10220 Jun 20 j 14:39	26°♓10'26		
morning max el	-10220 Jun 21 j 19:12	27°♓17'08	18°18'11	
	-10220 Jun 24 j 04:39	0°♈		
morning set	-10220 Jul 10 j 13:19	25°♈45'29		
	-10220 Jul 13 j 02:21	0°♉		
superior conj	-10220 Jul 24 j 14:34	18°♉48'36	1°11'12	
minimum elong	-10220 Jul 24 j 21:09	19°♉15'02	1°10'56	
max. Earth dist.	-10220 Jul 28 j 03:55	24°♉29'24	1.44331 AU	
	-10220 Jul 31 j 15:25	0°♊		
desc. node	-10220 Aug 06 j 08:20	8°♊57'46		
evening rise	-10220 Aug 10 j 06:01	15°♊03'35		
	-10220 Aug 19 j 21:39	0°♋		
greatest brilliancy	-10220 Aug 21 j 23:11	3°♋08'34	-0.7m	
evening max el	-10220 Sep 04 j 02:11	20°♋54'24	19°43'23	
retrograde	-10220 Sep 11 j 10:57	25°♋09'49		
evening set	-10220 Sep 14 j 21:39	24°♋00'48		
asc. node	-10220 Sep 16 j 14:45	22°♋36'37		
inferior conj	-10220 Sep 20 j 11:34	18°♋02'59	1°14'01	
minimum elong	-10220 Sep 20 j 09:53	18°♋08'28	1°13'56	
min. Earth dist.	-10220 Sep 21 j 13:23	16°♋38'55	0.66182 AU	
morning rise	-10220 Sep 25 j 21:50	11°♋45'50		
direct	-10220 Oct 01 j 19:41	9°♋14'12		
morning max el	-10220 Oct 13 j 22:50	16°♋23'03	25°35'46	
	-10220 Oct 25 j 08:05	0°♌		
desc. node	-10220 Nov 02 j 07:56	11°♌24'22		
	-10220 Nov 13 j 22:00	0°♍		
morning set	-10220 Nov 19 j 01:27	9°♍03'56		
max. Earth dist.	-10220 Nov 22 j 23:17	16°♍18'48	1.36502 AU	
superior conj	-10220 Nov 28 j 15:28	27°♍21'50	-1°39'45	
minimum elong	-10220 Nov 28 j 16:32	27°♍27'07	1°39'37	
	-10220 Nov 29 j 23:00	0°♎		
evening rise	-10220 Dec 06 j 14:39	13°♎31'54		
asc. node	-10220 Dec 13 j 12:53	26°♎55'27		
	-10220 Dec 15 j 07:17	0°♏		
evening max el	-10220 Dec 24 j 10:58	12°♏13'53	19°53'42	
retrograde	-10219 Jan 03 j 07:44	16°♏52'33		
evening set	-10219 Jan 05 j 20:58	16°♏35'19		
inferior conj	-10219 Jan 14 j 08:55	12°♏32'03	3°26'48	
minimum elong	-10219 Jan 14 j 14:15	12°♏23'43	3°25'23	
min. Earth dist.	-10219 Jan 16 j 15:28	11°♏07'13	0.56268 AU	
morning rise	-10219 Jan 23 j 05:33	7°♏55'44		
direct	-10219 Jan 27 j 10:36	7°♏16'19		
desc. node	-10219 Jan 29 j 09:21	7°♏24'58		
morning max el	-10219 Feb 10 j 04:59	14°♏08'57	23°59'18	
	-10219 Feb 22 j 11:39	0°♐		
morning set	-10219 Mar 06 j 15:58	22°♐50'24		
	-10219 Mar 10 j 00:46	0°♑		
asc. node	-10219 Mar 11 j 11:12	3°♑05'22		
superior conj	-10219 Mar 13 j 17:24	7°♑57'22	0°21'53	
minimum elong	-10219 Mar 13 j 16:29	7°♑52'24	0°21'06	
max. Earth dist.	-10219 Mar 15 j 13:46	11°♑54'42	1.33521 AU	
evening rise	-10219 Mar 21 j 06:05	23°♑41'27		
	-10219 Mar 24 j 11:09	0°♒		
	-10219 Apr 11 j 11:59	0°♓		
evening max el	-10219 Apr 23 j 09:52	14°♓19'22	27°26'34	
desc. node	-10219 Apr 27 j 08:33	17°♓45'27		
retrograde	-10219 May 07 j 04:49	21°♓51'41		
evening set	-10219 May 14 j 04:35	19°♓19'54		
min. Earth dist.	-10219 May 17 j 19:55	16°♓10'45	0.63052 AU	
inferior conj	-10219 May 20 j 14:22	13°♓21'55	-3°37'17	
minimum elong	-10219 May 20 j 15:06	13°♓20'03	3°37'30	
morning rise	-10219 May 27 j 02:40	8°♓09'01		
direct	-10219 May 29 j 20:21	7°♓32'45		
morning max el	-10219 Jun 05 j 09:09	10°♓55'19	18°02'20	
asc. node	-10219 Jun 07 j 11:27	13°♓14'37		
	-10219 Jun 18 j 05:27	0°♈		
morning set	-10219 Jun 22 j 10:34	7°♈22'05		
superior conj	-10219 Jul 04 j 14:39	28°♈15'09	1°38'11	
minimum elong	-10219 Jul 04 j 19:17	28°♈34'26	1°38'08	
	-10219 Jul 05 j 15:53	0°♉		
max. Earth dist.	-10219 Jul 10 j 17:37	8°♉18'03	1.43375 AU	
evening rise	-10219 Jul 20 j 07:45	23°♉29'33		
desc. node	-10219 Jul 24 j 05:38	29°♉32'16		
	-10219 Jul 24 j 12:52	0°♊		
	-10219 Aug 14 j 08:30	0°♋		
evening max el	-10219 Aug 18 j 03:55	4°♋20'26	20°46'15	
retrograde	-10219 Aug 26 j 07:43	9°♋07'57		
evening set	-10219 Aug 30 j 05:27	7°♋40'53		
asc. node	-10219 Sep 03 j 11:48	3°♋04'25		
inferior conj	-10219 Sep 04 j 14:38	1°♋34'18	0°21'42	
minimum elong	-10219 Sep 04 j 14:08	1°♋36'00	0°22'05	
min. Earth dist.	-10219 Sep 05 j 05:27	0°♋44'02	0.66825 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10219 Sep 05 j 18:32	30°℞♊		
morning rise	-10219 Sep 09 j 22:39	25°♊14'31		
direct	-10219 Sep 15 j 05:49	22°♊59'39		
morning max el	-10219 Sep 26 j 08:31	29°♊38'25	24°16'24	
	-10219 Sep 26 j 16:59	0°♋		
	-10219 Oct 19 j 05:10	0°♌		
desc. node	-10219 Oct 20 j 04:43	1°♌30'31		
morning set	-10219 Oct 31 j 22:06	20°♌38'05		
max. Earth dist.	-10219 Nov 04 j 22:30	27°♌41'32	1.38383 AU	
	-10219 Nov 06 j 05:13	0°♍		
superior conj	-10219 Nov 11 j 22:12	10°♍38'08	-1°41'42	
minimum elong	-10219 Nov 11 j 21:37	10°♍35'19	1°41'26	
evening rise	-10219 Nov 20 j 14:27	27°♍36'12		
	-10219 Nov 21 j 19:45	0°♎		
asc. node	-10219 Nov 30 j 10:11	15°♎37'04		
evening max el	-10219 Dec 07 j 06:27	24°♎27'57	18°58'20	
retrograde	-10219 Dec 15 j 17:52	28°♎31'47		
evening set	-10219 Dec 18 j 05:51	28°♎12'05		
inferior conj	-10219 Dec 26 j 04:11	23°♎53'03	4°08'40	
minimum elong	-10219 Dec 26 j 06:28	23°♎48'59	4°08'18	
min. Earth dist.	-10219 Dec 29 j 06:05	21°♎41'56	0.57715 AU	
morning rise	-10218 Jan 03 j 04:56	18°♎51'27		
direct	-10218 Jan 08 j 17:52	17°♎38'34		
desc. node	-10218 Jan 16 j 06:07	19°♎49'10		
morning max el	-10218 Jan 22 j 19:57	24°♎52'03	25°31'47	
	-10218 Jan 27 j 13:59	0°♏		
	-10218 Feb 15 j 07:07	0°♐		
morning set	-10218 Feb 19 j 04:18	7°♐55'35		
superior conj	-10218 Feb 26 j 03:44	22°♐57'18	-0°01'52	
minimum elong	-10218 Feb 26 j 03:50	22°♐57'51	0°02'25	
behind sun begin	-10218 Feb 25 j 22:51	22°♐30'44		
behind sun end	-10218 Feb 26 j 08:49	23°♐24'58		
asc. node	-10218 Feb 26 j 08:17	23°♐22'00		
max. Earth dist.	-10218 Feb 27 j 00:28	24°♐49'57	1.32978 AU	
	-10218 Mar 01 j 09:56	0°♑		
evening rise	-10218 Mar 05 j 09:15	8°♑20'31		
	-10218 Mar 16 j 22:06	0°♒		
evening max el	-10218 Apr 05 j 15:56	26°♒41'54	27°08'25	
	-10218 Apr 09 j 11:30	0°♓		
desc. node	-10218 Apr 14 j 05:48	2°♓54'54		
retrograde	-10218 Apr 19 j 16:42	4°♓11'16		
evening set	-10218 Apr 26 j 09:15	2°♓06'32		
	-10218 Apr 29 j 07:22	30°℞♒		
min. Earth dist.	-10218 Apr 30 j 04:56	29°♒14'49	0.61160 AU	
inferior conj	-10218 May 03 j 10:24	26°♒21'21	-3°33'32	
minimum elong	-10218 May 03 j 09:12	26°♒24'06	3°33'50	
morning rise	-10218 May 10 j 11:06	21°♒28'17		
direct	-10218 May 13 j 00:49	21°♒00'28		
morning max el	-10218 May 19 j 22:31	24°♒25'58	18°05'01	
	-10218 May 24 j 12:14	0°♓		
asc. node	-10218 May 25 j 08:16	1°♓13'32		
morning set	-10218 Jun 05 j 03:40	19°♓56'40		
	-10218 Jun 10 j 15:57	0°♈		
superior conj	-10218 Jun 15 j 17:56	9°♈02'31	1°49'14	
minimum elong	-10218 Jun 15 j 18:58	9°♈07'04	1°49'14	
max. Earth dist.	-10218 Jun 23 j 01:22	21°♈30'52	1.41886 AU	
	-10218 Jun 28 j 05:54	0°♉		
evening rise	-10218 Jun 29 j 14:02	2°♉08'40		
desc. node	-10218 Jul 11 j 02:59	19°♉57'20		
	-10218 Jul 18 j 00:11	0°♊		
evening max el	-10218 Jul 31 j 22:44	17°♊42'50	22°00'47	
retrograde	-10218 Aug 10 j 03:12	23°♊09'29		
evening set	-10218 Aug 14 j 13:54	21°♊22'06		
inferior conj	-10218 Aug 19 j 20:14	15°♊09'51	-0°29'24	
minimum elong	-10218 Aug 19 j 20:51	15°♊07'42	0°28'36	
min. Earth dist.	-10218 Aug 20 j 00:40	14°♊54'30	0.67173 AU	
asc. node	-10218 Aug 21 j 08:49	13°♊04'56		
morning rise	-10218 Aug 25 j 03:42	8°♊51'08		
direct	-10218 Aug 29 j 20:43	6°♊55'00		
morning max el	-10218 Sep 08 j 19:43	12°♊54'20	22°52'01	
	-10218 Sep 22 j 10:01	0°♋		
desc. node	-10218 Oct 07 j 01:34	21°♋52'31		
	-10218 Oct 12 j 03:18	0°♌		
morning set	-10218 Oct 12 j 16:52	0°♌55'31		
max. Earth dist.	-10218 Oct 17 j 21:02	9°♌34'28	1.40379 AU	
superior conj	-10218 Oct 25 j 12:42	23°♌02'49	-1°34'10	
minimum elong	-10218 Oct 25 j 09:56	22°♌50'14	1°33'36	
	-10218 Oct 29 j 07:23	0°♍		
evening rise	-10218 Nov 04 j 05:42	11°♍11'22		
	-10218 Nov 14 j 19:14	0°♎		
asc. node	-10218 Nov 17 j 07:29	3°♎35'22		
evening max el	-10218 Nov 20 j 10:38	7°♎11'51	18°23'13	
retrograde	-10218 Nov 27 j 21:46	10°♎53'52		
evening set	-10218 Nov 30 j 09:54	10°♎30'02		
inferior conj	-10218 Dec 07 j 19:01	5°♎50'12	4°14'37	
minimum elong	-10218 Dec 07 j 17:53	5°♎52'33	4°14'35	
min. Earth dist.	-10218 Dec 11 j 00:46	3°♎10'56	0.59530 AU	
morning rise	-10218 Dec 15 j 00:09	0°♎27'34		
	-10218 Dec 15 j 21:13	30°℞♍		
direct	-10218 Dec 21 j 13:07	28°♍35'59		
	-10218 Dec 27 j 09:09	0°♎		
desc. node	-10217 Jan 03 j 02:51	4°♎36'40		
morning max el	-10217 Jan 04 j 14:50	5°♎59'40	26°44'37	
	-10217 Jan 22 j 12:09	0°♏		
morning set	-10217 Feb 03 j 14:59	22°♏55'27		
	-10217 Feb 06 j 22:59	0°♐		
superior conj	-10217 Feb 10 j 15:30	8°♐01'18	-0°25'00	
minimum elong	-10217 Feb 10 j 16:32	8°♐06'58	0°25'19	
max. Earth dist.	-10217 Feb 10 j 13:50	7°♐52'16	1.32766 AU	
asc. node	-10217 Feb 13 j 05:25	13°♐38'55		
evening rise	-10217 Feb 17 j 17:05	23°♐13'05		
	-10217 Feb 21 j 01:06	0°♑		
	-10217 Mar 11 j 05:55	0°♒		
evening max el	-10217 Mar 18 j 16:49	8°♒26'54	26°18'14	
desc. node	-10217 Apr 01 j 02:58	15°♒46'30		
retrograde	-10217 Apr 01 j 20:04	15°♒47'46		
evening set	-10217 Apr 07 j 18:59	14°♒18'32		
min. Earth dist.	-10217 Apr 12 j 06:09	11°♒29'04	0.59157 AU	
inferior conj	-10217 Apr 15 j 14:23	8°♒53'08	-3°06'29	
minimum elong	-10217 Apr 15 j 11:07	8°♒59'32	3°06'26	
morning rise	-10217 Apr 23 j 06:06	4°♒20'04		
direct	-10217 Apr 25 j 16:03	3°♒59'23		
morning max el	-10217 May 03 j 08:27	7°♒40'57	18°26'54	
asc. node	-10217 May 12 j 05:06	19°♒54'42		
	-10217 May 17 j 18:09	0°♓		
morning set	-10217 May 19 j 11:58	3°♓18'32		
superior conj	-10217 May 28 j 21:30	21°♓03'23	1°47'18	
minimum elong	-10217 May 28 j 19:54	20°♓56'00	1°47'06	
	-10217 Jun 02 j 20:27	0°♈		
max. Earth dist.	-10217 Jun 05 j 03:41	4°♈01'37	1.40081 AU	
evening rise	-10217 Jun 09 j 19:18	11°♈55'35		
	-10217 Jun 21 j 03:54	0°♉		
desc. node	-10217 Jun 28 j 00:22	10°♉07'59		
	-10217 Jul 13 j 11:17	0°♊		
evening max el	-10217 Jul 14 j 11:56	1°♊03'34	23°22'02	
retrograde	-10217 Jul 24 j 19:57	7°♊11'11		
evening set	-10217 Jul 29 j 21:04	5°♊02'47		
	-10217 Aug 03 j 05:28	30°℞♉		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10217 Aug 04 j 02:34	28°♉47'36	-1°17'45
minimum elong	-10217 Aug 04 j 04:08	28°♉42'10	1°16'41
min. Earth dist.	-10217 Aug 03 j 20:31	29°♉08'26	0.67234 AU
asc. node	-10217 Aug 08 j 05:47	23°♉39'09	
morning rise	-10217 Aug 09 j 11:06	22°♉33'38	
direct	-10217 Aug 13 j 15:25	20°♉56'10	
morning max el	-10217 Aug 22 j 11:09	26°♉12'33	21°30'30
	-10217 Aug 25 j 20:08	0°♊	
	-10217 Sep 15 j 23:28	0°♋	
morning set	-10217 Sep 22 j 09:40	9°♋58'43	
desc. node	-10217 Sep 23 j 22:30	12°♋24'30	
max. Earth dist.	-10217 Sep 30 j 00:45	22°♋15'18	1.42221 AU
	-10217 Oct 04 j 16:12	0°♌	
superior conj	-10217 Oct 07 j 05:08	4°♌19'56	-1°14'36
minimum elong	-10217 Oct 07 j 00:33	4°♌00'13	1°13'39
evening rise	-10217 Oct 18 j 08:46	24°♌07'53	
	-10217 Oct 21 j 14:36	0°♍	
evening max el	-10217 Nov 03 j 20:46	20°♍16'45	18°08'06
asc. node	-10217 Nov 04 j 04:46	20°♍36'17	
retrograde	-10217 Nov 10 j 17:18	23°♍49'08	
evening set	-10217 Nov 13 j 06:52	23°♍19'42	
inferior conj	-10217 Nov 20 j 03:48	18°♍18'13	3°55'02
minimum elong	-10217 Nov 20 j 00:39	18°♍25'41	3°54'44
min. Earth dist.	-10217 Nov 23 j 02:29	15°♍32'13	0.61404 AU
morning rise	-10217 Nov 26 j 17:16	12°♍38'22	
direct	-10217 Dec 03 j 17:56	10°♍15'20	
morning max el	-10217 Dec 17 j 15:57	17°♍44'47	27°26'58
desc. node	-10217 Dec 20 j 23:34	21°♍12'07	
	-10217 Dec 28 j 00:35	0°♎	
	-10216 Jan 15 j 01:34	0°♏	
morning set	-10216 Jan 18 j 22:01	7°♏42'22	
max. Earth dist.	-10216 Jan 25 j 02:19	20°♏48'41	1.32888 AU
superior conj	-10216 Jan 26 j 02:59	23°♏02'43	-0°46'49
minimum elong	-10216 Jan 26 j 04:45	23°♏12'22	0°46'56
	-10216 Jan 29 j 07:40	0°♐	
asc. node	-10216 Jan 31 j 02:37	3°♐51'39	
evening rise	-10216 Feb 02 j 03:34	8°♐11'22	
	-10216 Feb 13 j 15:37	0°♑	
evening max el	-10216 Feb 28 j 12:29	19°♑37'34	25°01'47
retrograde	-10216 Mar 13 j 12:18	26°♑41'37	
evening set	-10216 Mar 18 j 09:46	25°♑46'26	
desc. node	-10216 Mar 18 j 00:05	25°♑55'01	
min. Earth dist.	-10216 Mar 24 j 01:44	22°♑45'58	0.57326 AU
inferior conj	-10216 Mar 26 j 23:14	20°♑49'00	-2°09'26
minimum elong	-10216 Mar 26 j 19:15	20°♑55'45	2°08'58
morning rise	-10216 Apr 04 j 07:54	16°♑34'08	
direct	-10216 Apr 06 j 14:27	16°♑18'50	
morning max el	-10216 Apr 15 j 12:00	20°♑30'53	19°08'35
	-10216 Apr 22 j 20:42	0°♒	
asc. node	-10216 Apr 28 j 02:00	9°♒08'12	
morning set	-10216 May 02 j 07:23	17°♒17'47	
	-10216 May 08 j 17:46	0°♓	
superior conj	-10216 May 10 j 19:54	4°♓03'26	1°36'13
minimum elong	-10216 May 10 j 17:05	3°♓49'51	1°35'40
max. Earth dist.	-10216 May 17 j 04:21	15°♓58'28	1.38203 AU
evening rise	-10216 May 21 j 04:04	23°♓05'34	
	-10216 May 25 j 04:48	0°♈	
desc. node	-10216 Jun 13 j 21:47	29°♈58'05	
	-10216 Jun 13 j 22:21	0°♉	
evening max el	-10216 Jun 25 j 22:12	14°♉26'03	24°43'01
retrograde	-10216 Jul 07 j 08:59	21°♉10'18	
evening set	-10216 Jul 13 j 01:07	18°♉42'24	
min. Earth dist.	-10216 Jul 17 j 14:34	13°♉24'53	0.66983 AU
inferior conj	-10216 Jul 18 j 07:54	12°♉26'44	-2°01'50
minimum elong	-10216 Jul 18 j 10:10	12°♉19'09	2°00'45
morning rise	-10216 Jul 23 j 19:10	6°♉21'01	
asc. node	-10216 Jul 25 j 02:42	5°♉34'11	
direct	-10216 Jul 27 j 12:36	5°♉00'47	
morning max el	-10216 Aug 04 j 09:00	9°♉37'31	20°18'07
	-10216 Aug 19 j 11:26	0°♊	
morning set	-10216 Aug 31 j 12:10	18°♊24'43	
	-10216 Sep 07 j 21:30	0°♋	
desc. node	-10216 Sep 09 j 19:32	3°♋02'56	
max. Earth dist.	-10216 Sep 11 j 11:24	5°♋42'24	1.43647 AU
superior conj	-10216 Sep 16 j 18:32	14°♋17'46	-0°41'29
minimum elong	-10216 Sep 16 j 14:31	14°♋01'15	0°40'25
	-10216 Sep 26 j 03:38	0°♌	
evening rise	-10216 Sep 29 j 19:07	6°♌15'47	
	-10216 Oct 14 j 08:58	0°♍	
evening max el	-10216 Oct 17 j 09:52	3°♍35'11	18°12'08
asc. node	-10216 Oct 21 j 02:02	6°♍24'20	
retrograde	-10216 Oct 24 j 00:33	7°♍08'28	
evening set	-10216 Oct 26 j 17:09	6°♍31'35	
inferior conj	-10216 Nov 02 j 03:19	1°♍10'13	3°19'20
minimum elong	-10216 Nov 01 j 23:36	1°♍20'06	3°18'46
	-10216 Nov 03 j 05:37	30°℞♌	
min. Earth dist.	-10216 Nov 04 j 13:48	28°♌35'21	0.63113 AU
morning rise	-10216 Nov 08 j 05:16	25°♌15'49	
direct	-10216 Nov 15 j 06:24	22°♌34'42	
	-10216 Nov 28 j 19:21	0°♍	
morning max el	-10216 Nov 28 j 22:36	0°♍07'55	27°34'27
desc. node	-10216 Dec 06 j 20:16	9°♍05'17	
	-10216 Dec 20 j 22:49	0°♎	
morning set	-10215 Jan 01 j 23:06	22°♎08'14	
	-10215 Jan 05 j 19:03	0°♏	
max. Earth dist.	-10215 Jan 07 j 10:09	3°♏26'14	1.33368 AU
superior conj	-10215 Jan 09 j 12:29	7°♏55'19	-1°06'29
minimum elong	-10215 Jan 09 j 14:42	8°♏07'11	1°06'28
evening rise	-10215 Jan 16 j 14:56	23°♏08'50	
asc. node	-10215 Jan 16 j 23:52	23°♏55'38	
	-10215 Jan 19 j 23:06	0°♐	
	-10215 Feb 08 j 17:33	0°♑	
evening max el	-10215 Feb 09 j 05:34	0°♑28'51	23°30'15
retrograde	-10215 Feb 22 j 15:56	7°♑03'56	
evening set	-10215 Feb 26 j 10:56	6°♑32'23	
desc. node	-10215 Mar 04 j 21:09	3°♑39'40	
min. Earth dist.	-10215 Mar 05 j 17:53	3°♑09'22	0.55988 AU
inferior conj	-10215 Mar 07 j 12:35	2°♑05'28	-0°40'54
minimum elong	-10215 Mar 07 j 10:53	2°♑08'02	0°40'56
	-10215 Mar 11 j 04:51	30°℞♐	
morning rise	-10215 Mar 16 j 13:15	28°♐02'29	
direct	-10215 Mar 18 j 18:54	27°♐49'55	
	-10215 Mar 25 j 17:49	0°♑	
morning max el	-10215 Mar 29 j 06:22	2°♑46'16	20°10'04
asc. node	-10215 Apr 14 j 22:54	28°♑45'31	
	-10215 Apr 15 j 13:48	0°♒	
morning set	-10215 Apr 16 j 10:33	1°♒44'31	
superior conj	-10215 Apr 24 j 07:57	17°♒47'41	1°19'07
minimum elong	-10215 Apr 24 j 05:01	17°♒32'56	1°18'18
max. Earth dist.	-10215 Apr 29 j 08:46	27°♒41'06	1.36476 AU
	-10215 Apr 30 j 13:55	0°♓	
evening rise	-10215 May 03 j 12:13	5°♓27'31	
	-10215 May 18 j 01:36	0°♈	
desc. node	-10215 May 31 j 19:13	19°♈18'09	
evening max el	-10215 Jun 08 j 08:03	27°♈49'21	25°55'37
	-10215 Jun 10 j 16:02	0°♉	
retrograde	-10215 Jun 20 j 17:41	5°♉00'57	
evening set	-10215 Jun 26 j 23:54	2°♉18'33	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10215 Jun 29 j 06:22	30°℞♈		
min. Earth dist.	-10215 Jul 01 j 04:26	27°♈40'09	0.66378 AU	
inferior conj	-10215 Jul 02 j 10:22	26°♈04'31	-2°40'11	
minimum elong	-10215 Jul 02 j 12:57	25°♈56'16	2°39'19	
morning rise	-10215 Jul 08 j 02:04	20°♈10'13		
direct	-10215 Jul 11 j 10:34	19°♈05'07		
asc. node	-10215 Jul 11 j 23:35	19°♈06'47		
morning max el	-10215 Jul 18 j 13:25	23°♈09'29	19°18'57	
	-10215 Jul 24 j 02:52	0°♉		
morning set	-10215 Aug 10 j 20:41	27°♉10'08		
	-10215 Aug 12 j 15:50	0°♊		
max. Earth dist.	-10215 Aug 25 j 02:47	19°♊38'45	1.44461 AU	
superior conj	-10215 Aug 27 j 05:54	23°♊01'32	0°02'44	
minimum elong	-10215 Aug 27 j 06:18	23°♊03'08	0°03'15	
behind sun begin	-10215 Aug 26 j 19:12	22°♊19'00		
behind sun end	-10215 Aug 27 j 17:25	23°♊47'16		
desc. node	-10215 Aug 27 j 16:39	23°♊44'16		
	-10215 Aug 31 j 14:46	0°♋		
evening rise	-10215 Sep 11 j 07:15	17°♋21'49		
	-10215 Sep 19 j 00:00	0°♌		
evening max el	-10215 Sep 30 j 22:59	17°♌01'04	18°34'23	
retrograde	-10215 Oct 07 j 15:24	20°♌44'15		
asc. node	-10215 Oct 07 j 23:14	20°♌43'40		
evening set	-10215 Oct 10 j 13:09	19°♌57'27		
inferior conj	-10215 Oct 16 j 14:07	14°♌19'24	2°34'12	
minimum elong	-10215 Oct 16 j 10:49	14°♌29'03	2°33'36	
min. Earth dist.	-10215 Oct 18 j 11:21	12°♌07'12	0.64542 AU	
morning rise	-10215 Oct 22 j 07:56	8°♌13'18		
direct	-10215 Oct 29 j 01:42	5°♌27'37		
morning max el	-10215 Nov 11 j 08:20	13°♌00'07	27°08'47	
desc. node	-10215 Nov 23 j 17:00	27°♌53'36		
	-10215 Nov 25 j 04:55	0°♍		
	-10215 Dec 13 j 10:53	0°♎		
morning set	-10215 Dec 16 j 15:17	6°♎03'33		
max. Earth dist.	-10215 Dec 21 j 09:39	15°♎34'37	1.34243 AU	
superior conj	-10215 Dec 24 j 18:05	22°♎32'38	-1°23'03	
minimum elong	-10215 Dec 24 j 20:18	22°♎44'20	1°22'58	
	-10215 Dec 28 j 06:34	0°♏		
evening rise	-10214 Jan 01 j 01:29	7°♏59'32		
asc. node	-10214 Jan 03 j 21:08	13°♏45'54		
	-10214 Jan 12 j 22:02	0°♐		
evening max el	-10214 Jan 22 j 01:30	11°♐25'41	21°57'21	
retrograde	-10214 Feb 03 j 09:23	17°♐18'18		
evening set	-10214 Feb 06 j 09:05	16°♐58'27		
inferior conj	-10214 Feb 15 j 12:19	12°♐53'36	1°06'12	
minimum elong	-10214 Feb 15 j 15:10	12°♐49'33	1°04'45	
min. Earth dist.	-10214 Feb 15 j 08:39	12°♐58'50	0.55412 AU	
desc. node	-10214 Feb 19 j 18:07	10°♐36'22		
morning rise	-10214 Feb 24 j 21:44	8°♐48'41		
direct	-10214 Feb 27 j 10:53	8°♐34'01		
morning max el	-10214 Mar 11 j 13:52	14°♐22'25	21°29'47	
	-10214 Mar 23 j 04:02	0°♑		
morning set	-10214 Mar 31 j 18:53	16°♑31'23		
asc. node	-10214 Apr 01 j 19:52	18°♑40'44		
	-10214 Apr 07 j 05:43	0°♒		
superior conj	-10214 Apr 08 j 05:45	2°♒04'57	0°58'19	
minimum elong	-10214 Apr 08 j 03:21	1°♒52'32	0°57'24	
max. Earth dist.	-10214 Apr 11 j 21:53	9°♒35'39	1.35054 AU	
evening rise	-10214 Apr 16 j 14:06	18°♒46'05		
	-10214 Apr 22 j 16:49	0°♓		
	-10214 May 12 j 03:39	0°♈		
desc. node	-10214 May 18 j 16:36	7°♈55'50		
evening max el	-10214 May 21 j 18:39	11°♈09'21	26°51'15	
retrograde	-10214 Jun 03 j 21:37	18°♈36'46		

evening set	-10214 Jun 10 j 14:59	15°♈48'44		
min. Earth dist.	-10214 Jun 14 j 12:03	11°♈49'02	0.65388 AU	
inferior conj	-10214 Jun 16 j 07:53	9°♈38'32	-3°10'56	
minimum elong	-10214 Jun 16 j 10:16	9°♈31'24	3°10'28	
morning rise	-10214 Jun 22 j 05:52	3°♈58'20		
direct	-10214 Jun 25 j 07:20	3°♈06'03		
asc. node	-10214 Jun 28 j 20:25	4°♈12'55		
morning max el	-10214 Jul 01 j 23:12	6°♈46'54	18°35'26	
	-10214 Jul 17 j 20:47	0°♉		
morning set	-10214 Jul 22 j 02:41	6°♉55'57		
	-10214 Aug 05 j 10:48	0°♊		
superior conj	-10214 Aug 06 j 05:33	1°♊14'23	0°48'42	
minimum elong	-10214 Aug 06 j 11:06	1°♊36'21	0°48'32	
max. Earth dist.	-10214 Aug 07 j 19:35	3°♊44'59	1.44575 AU	
desc. node	-10214 Aug 14 j 13:49	14°♊25'22		
evening rise	-10214 Aug 22 j 16:46	27°♊14'50		
	-10214 Aug 24 j 10:33	0°♋		
	-10214 Sep 13 j 22:07	0°♌		
evening max el	-10214 Sep 14 j 09:26	0°♌29'46	19°13'41	
retrograde	-10214 Sep 21 j 10:28	4°♌31'12		
evening set	-10214 Sep 24 j 15:41	3°♌31'24		
asc. node	-10214 Sep 24 j 20:23	3°♌23'56		
	-10214 Sep 28 j 11:24	30°℞♋		
inferior conj	-10214 Sep 30 j 09:08	27°♋39'58	1°44'00	
minimum elong	-10214 Sep 30 j 06:47	27°♋47'22	1°43'41	
min. Earth dist.	-10214 Oct 01 j 17:47	25°♋57'04	0.65668 AU	
morning rise	-10214 Oct 05 j 21:31	21°♋25'39		
direct	-10214 Oct 12 j 03:22	18°♋46'21		
morning max el	-10214 Oct 24 j 18:30	26°♋08'11	26°15'36	
	-10214 Oct 28 j 09:21	0°♌		
desc. node	-10214 Nov 10 j 13:42	17°♌20'26		
	-10214 Nov 18 j 17:49	0°♍		
morning set	-10214 Nov 29 j 18:34	19°♍15'04		
max. Earth dist.	-10214 Dec 03 j 21:58	27°♍09'25	1.35553 AU	
	-10214 Dec 05 j 08:39	0°♎		
superior conj	-10214 Dec 08 j 17:20	6°♎45'58	-1°35'18	
minimum elong	-10214 Dec 08 j 19:01	6°♎54'32	1°35'11	
evening rise	-10214 Dec 16 j 09:26	22°♎36'32		
	-10214 Dec 20 j 01:41	0°♏		
asc. node	-10214 Dec 21 j 18:25	3°♏15'36		
evening max el	-10213 Jan 04 j 05:16	22°♏47'25	20°34'15	
retrograde	-10213 Jan 15 j 00:17	27°♏51'20		
evening set	-10213 Jan 17 j 15:09	27°♏34'41		
inferior conj	-10213 Jan 26 j 10:20	23°♏35'56	2°44'28	
minimum elong	-10213 Jan 26 j 16:00	23°♏27'33	2°42'35	
min. Earth dist.	-10213 Jan 27 j 22:42	22°♏42'20	0.55719 AU	
morning rise	-10213 Feb 04 j 15:17	19°♏13'15		
desc. node	-10213 Feb 06 j 15:00	18°♏51'42		
direct	-10213 Feb 08 j 02:30	18°♏46'48		
morning max el	-10213 Feb 21 j 10:57	25°♏21'19	23°03'02	
	-10213 Feb 25 j 17:41	0°♐		
	-10213 Mar 15 j 12:48	0°♑		
morning set	-10213 Mar 16 j 06:12	1°♑30'28		
asc. node	-10213 Mar 19 j 16:52	8°♑47'47		
superior conj	-10213 Mar 23 j 10:11	16°♑44'42	0°35'28	
minimum elong	-10213 Mar 23 j 08:41	16°♑36'43	0°34'37	
max. Earth dist.	-10213 Mar 25 j 21:09	21°♑55'56	1.33984 AU	
	-10213 Mar 29 j 19:27	0°♒		
evening rise	-10213 Mar 31 j 04:40	2°♒45'24		
	-10213 Apr 15 j 13:23	0°♓		
evening max el	-10213 May 04 j 05:20	24°♓16'38	27°22'19	
desc. node	-10213 May 05 j 13:56	25°♓33'19		
	-10213 May 11 j 13:59	0°♈		
retrograde	-10213 May 17 j 20:01	1°♈49'27		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10213 May 23 j 14:03	30°℞♓	
evening set	-10213 May 24 j 19:23	29°♓08'05	
min. Earth dist.	-10213 May 28 j 11:37	25°♓42'41	0.64004 AU
inferior conj	-10213 May 30 j 21:58	23°♓04'25	-3°31'33
minimum elong	-10213 May 30 j 23:31	23°♓00'12	3°31'32
morning rise	-10213 Jun 06 j 04:20	17°♓40'46	
direct	-10213 Jun 09 j 00:26	16°♓59'11	
morning max el	-10213 Jun 15 j 12:16	20°♓25'46	18°09'11
asc. node	-10213 Jun 15 j 17:14	20°♓38'20	
	-10213 Jun 22 j 17:17	0°♈	
morning set	-10213 Jul 03 j 10:20	17°♈53'34	
	-10213 Jul 10 j 14:15	0°♉	
superior conj	-10213 Jul 16 j 15:57	10°♉00'14	1°24'40
minimum elong	-10213 Jul 16 j 22:10	10°♉25'31	1°24'28
max. Earth dist.	-10213 Jul 21 j 10:51	17°♉43'32	1.43993 AU
	-10213 Jul 29 j 05:16	0°♊	
desc. node	-10213 Aug 01 j 11:04	5°♊03'14	
evening rise	-10213 Aug 02 j 02:02	6°♊01'19	
	-10213 Aug 17 j 20:56	0°♋	
evening max el	-10213 Aug 28 j 14:55	13°♋57'52	20°08'35
retrograde	-10213 Sep 05 j 07:07	18°♋25'58	
evening set	-10213 Sep 08 j 22:11	17°♋09'48	
asc. node	-10213 Sep 11 j 17:28	14°♋31'36	
inferior conj	-10213 Sep 14 j 09:53	11°♋08'08	0°51'49
minimum elong	-10213 Sep 14 j 08:42	11°♋12'05	0°51'55
min. Earth dist.	-10213 Sep 15 j 07:01	9°♋57'57	0.66488 AU
morning rise	-10213 Sep 19 j 18:57	4°♋49'21	
direct	-10213 Sep 25 j 10:41	2°♋24'04	
morning max el	-10213 Oct 07 j 03:56	9°♋21'49	25°03'11
	-10213 Oct 23 j 13:02	0°♌	
desc. node	-10213 Oct 28 j 10:27	7°♌14'48	
	-10213 Nov 11 j 07:52	0°♍	
morning set	-10213 Nov 12 j 03:59	1°♍28'53	
max. Earth dist.	-10213 Nov 16 j 00:13	8°♍26'44	1.37270 AU
superior conj	-10213 Nov 22 j 07:14	20°♍26'31	-1°41'35
minimum elong	-10213 Nov 22 j 07:41	20°♍28'42	1°41'25
	-10213 Nov 27 j 02:27	0°♎	
evening rise	-10213 Nov 30 j 12:51	6°♎54'27	
asc. node	-10213 Dec 08 j 15:43	22°♎17'12	
	-10213 Dec 13 j 16:19	0°♏	
evening max el	-10213 Dec 17 j 19:08	4°♏42'45	19°27'44
retrograde	-10213 Dec 27 j 00:32	9°♏04'26	
evening set	-10213 Dec 29 j 13:07	8°♏46'20	
inferior conj	-10212 Jan 06 j 19:24	4°♏37'42	3°49'24
minimum elong	-10212 Jan 06 j 23:41	4°♏30'40	3°48'29
min. Earth dist.	-10212 Jan 09 j 12:27	2°♏51'16	0.56826 AU
	-10212 Jan 14 j 21:39	30°℞♎	
morning rise	-10212 Jan 15 j 08:02	29°♎50'22	
direct	-10212 Jan 20 j 03:17	28°♎57'48	
desc. node	-10212 Jan 24 j 11:48	29°♎41'40	
	-10212 Jan 25 j 07:57	0°♏	
morning max el	-10212 Feb 03 j 01:57	6°♏01'06	24°39'55
	-10212 Feb 20 j 07:28	0°♐	
morning set	-10212 Feb 28 j 18:41	16°♐35'10	
asc. node	-10212 Mar 05 j 13:55	29°♐02'01	
	-10212 Mar 06 j 00:37	0°♑	
superior conj	-10212 Mar 06 j 18:56	1°♑39'08	0°11'48
minimum elong	-10212 Mar 06 j 18:27	1°♑36'31	0°11'07
behind sun begin	-10212 Mar 06 j 14:49	1°♑16'51	
behind sun end	-10212 Mar 06 j 22:05	1°♑56'10	
max. Earth dist.	-10212 Mar 08 j 04:45	4°♑41'35	1.33258 AU
evening rise	-10212 Mar 14 j 04:07	17°♑13'02	
	-10212 Mar 20 j 18:42	0°♒	
	-10212 Apr 09 j 05:55	0°♓	
evening max el	-10212 Apr 15 j 14:02	6°♓59'18	27°22'57
desc. node	-10212 Apr 21 j 11:13	11°♓45'50	
retrograde	-10212 Apr 29 j 11:55	14°♓30'21	
evening set	-10212 May 06 j 09:41	12°♓09'03	
min. Earth dist.	-10212 May 10 j 01:58	9°♓08'45	0.62273 AU
inferior conj	-10212 May 13 j 01:35	6°♓15'50	-3°38'10
minimum elong	-10212 May 13 j 01:33	6°♓15'54	3°38'27
morning rise	-10212 May 19 j 18:47	1°♓10'52	
direct	-10212 May 22 j 10:45	0°♓38'17	
morning max el	-10212 May 29 j 02:13	4°♓00'50	18°01'07
asc. node	-10212 Jun 01 j 14:03	8°♓07'02	
morning set	-10212 Jun 14 j 16:39	29°♓56'04	
	-10212 Jun 14 j 17:31	0°♈	
superior conj	-10212 Jun 26 j 03:27	19°♈59'55	1°44'43
minimum elong	-10212 Jun 26 j 06:32	20°♈13'05	1°44'43
	-10212 Jul 02 j 03:07	0°♉	
max. Earth dist.	-10212 Jul 02 j 22:20	1°♉18'44	1.42796 AU
evening rise	-10212 Jul 11 j 02:47	14°♉24'23	
desc. node	-10212 Jul 18 j 08:24	25°♉33'57	
	-10212 Jul 21 j 06:56	0°♊	
evening max el	-10212 Aug 10 j 13:49	27°♊22'24	21°16'53
	-10212 Aug 13 j 11:19	0°♋	
retrograde	-10212 Aug 19 j 03:23	2°♋25'23	
evening set	-10212 Aug 23 j 06:28	0°♋49'52	
	-10212 Aug 24 j 05:33	30°℞♊	
inferior conj	-10212 Aug 28 j 14:13	24°♊40'47	-0°00'14
minimum elong	-10212 Aug 28 j 14:13	24°♊40'49	0°00'21
transit middle	-10212 Aug 28 j 14:13	24°♊40'49	0°00'21
transit begin	-10212 Aug 28 j 11:30	24°♊50'07	
transit end	-10212 Aug 28 j 16:55	24°♊31'32	
asc. node	-10212 Aug 28 j 14:30	24°♊39'49	
min. Earth dist.	-10212 Aug 29 j 00:37	24°♊05'11	0.67010 AU
morning rise	-10212 Sep 02 j 21:48	18°♊21'14	
direct	-10212 Sep 07 j 22:57	16°♊14'05	
morning max el	-10212 Sep 18 j 13:45	22°♊36'14	23°40'39
	-10212 Sep 25 j 00:29	0°♋	
desc. node	-10212 Oct 14 j 07:16	27°♋28'10	
	-10212 Oct 15 j 22:00	0°♌	
morning set	-10212 Oct 23 j 14:01	12°♌30'30	
max. Earth dist.	-10212 Oct 27 j 22:23	19°♌59'03	1.39238 AU
	-10212 Nov 02 j 12:05	0°♍	
superior conj	-10212 Nov 04 j 07:43	3°♍22'30	-1°39'49
minimum elong	-10212 Nov 04 j 06:14	3°♍15'35	1°39'28
evening rise	-10212 Nov 13 j 09:22	20°♍46'57	
	-10212 Nov 18 j 05:26	0°♎	
asc. node	-10212 Nov 24 j 13:01	10°♎41'33	
evening max el	-10212 Nov 29 j 18:36	17°♎10'09	18°40'53
retrograde	-10212 Dec 07 j 18:14	21°♎02'56	
evening set	-10212 Dec 10 j 06:20	20°♎41'28	
inferior conj	-10212 Dec 17 j 22:54	16°♎13'39	4°14'59
minimum elong	-10212 Dec 17 j 23:37	16°♎12'17	4°14'52
min. Earth dist.	-10212 Dec 21 j 04:02	13°♎48'18	0.58467 AU
morning rise	-10212 Dec 25 j 15:01	11°♎02'54	
direct	-10212 Dec 31 j 15:41	9°♎33'34	
desc. node	-10211 Jan 10 j 08:35	13°♎10'40	
morning max el	-10211 Jan 14 j 17:53	16°♎51'17	26°05'57
	-10211 Jan 25 j 13:42	0°♏	
	-10211 Feb 11 j 11:32	0°♐	
morning set	-10211 Feb 12 j 06:35	1°♐39'13	
superior conj	-10211 Feb 19 j 06:06	16°♐41'38	-0°11'47
minimum elong	-10211 Feb 19 j 06:37	16°♐44'27	0°12'14
behind sun begin	-10211 Feb 19 j 03:27	16°♐27'09	
behind sun end	-10211 Feb 19 j 09:47	17°♐01'45	
max. Earth dist.	-10211 Feb 19 j 17:19	17°♐42'50	1.32854 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10211 Feb 20 j 11:02	19°♐19'20	
	-10211 Feb 25 j 10:40	0°♑	
evening rise	-10211 Feb 26 j 09:36	1°♑59'15	
	-10211 Mar 13 j 18:57	0°♒	
evening max el	-10211 Mar 28 j 18:14	19°♒07'05	26°50'46
desc. node	-10211 Apr 08 j 08:26	26°♒01'41	
retrograde	-10211 Apr 11 j 20:05	26°♒32'41	
evening set	-10211 Apr 18 j 06:35	24°♒42'33	
min. Earth dist.	-10211 Apr 22 j 07:21	21°♒53'48	0.60313 AU
inferior conj	-10211 Apr 25 j 15:19	19°♒05'13	-3°25'22
minimum elong	-10211 Apr 25 j 13:11	19°♒09'45	3°25'34
morning rise	-10211 May 02 j 22:04	14°♒20'36	
direct	-10211 May 05 j 10:21	13°♒55'50	
morning max el	-10211 May 12 j 14:29	17°♒26'07	18°11'57
asc. node	-10211 May 19 j 10:54	26°♒25'31	
	-10211 May 21 j 14:34	0°♓	
morning set	-10211 May 28 j 16:51	12°♓52'46	
	-10211 Jun 06 j 23:47	0°♈	
superior conj	-10211 Jun 07 j 17:47	1°♈20'38	1°49'46
minimum elong	-10211 Jun 07 j 17:31	1°♈19'29	1°49'43
max. Earth dist.	-10211 Jun 15 j 04:17	14°♈16'42	1.41148 AU
evening rise	-10211 Jun 20 j 17:31	23°♈28'18	
	-10211 Jun 24 j 19:27	0°♉	
desc. node	-10211 Jul 05 j 05:44	15°♉53'32	
	-10211 Jul 15 j 06:36	0°♊	
evening max el	-10211 Jul 24 j 06:00	10°♊43'35	22°34'50
retrograde	-10211 Aug 02 j 21:47	16°♊27'22	
evening set	-10211 Aug 07 j 14:37	14°♊30'45	
inferior conj	-10211 Aug 12 j 20:21	8°♊16'57	-0°50'21
minimum elong	-10211 Aug 12 j 21:24	8°♊13'18	0°49'25
min. Earth dist.	-10211 Aug 12 j 20:18	8°♊17'06	0.67241 AU
asc. node	-10211 Aug 15 j 11:31	4°♊47'02	
morning rise	-10211 Aug 18 j 04:06	2°♊00'05	
direct	-10211 Aug 22 j 15:29	0°♊12'11	
morning max el	-10211 Sep 01 j 02:33	5°♊52'45	22°16'36
	-10211 Sep 19 j 10:33	0°♋	
desc. node	-10211 Oct 01 j 04:10	17°♋54'41	
morning set	-10211 Oct 03 j 21:09	22°♋13'44	
	-10211 Oct 08 j 15:16	0°♌	
max. Earth dist.	-10211 Oct 09 j 23:08	2°♌12'59	1.41200 AU
superior conj	-10211 Oct 17 j 13:31	15°♌19'39	-1°27'29
minimum elong	-10211 Oct 17 j 09:50	15°♌03'19	1°26'45
	-10211 Oct 25 j 14:55	0°♍	
evening rise	-10211 Oct 27 j 19:56	4°♍06'38	
asc. node	-10211 Nov 11 j 10:19	28°♍16'55	
evening max el	-10211 Nov 13 j 01:35	0°♎03'13	18°14'21
	-10211 Nov 13 j 00:17	0°♎	
retrograde	-10211 Nov 20 j 05:30	3°♎40'09	
evening set	-10211 Nov 22 j 17:59	3°♎14'09	
	-10211 Nov 28 j 01:02	30°℞♍	
inferior conj	-10211 Nov 29 j 21:43	28°♍24'42	4°08'52
minimum elong	-10211 Nov 29 j 19:32	28°♍29'30	4°08'45
min. Earth dist.	-10211 Dec 03 j 01:15	25°♍40'12	0.60329 AU
morning rise	-10211 Dec 06 j 19:37	22°♍54'10	
direct	-10211 Dec 13 j 14:52	20°♍48'10	
morning max el	-10211 Dec 27 j 15:33	28°♍14'31	27°06'56
desc. node	-10211 Dec 28 j 05:20	28°♍48'10	
	-10211 Dec 29 j 09:33	0°♎	
	-10210 Jan 19 j 03:26	0°♏	
morning set	-10210 Jan 27 j 16:00	16°♏34'48	
	-10210 Feb 02 j 22:40	0°♐	
superior conj	-10210 Feb 03 j 17:57	1°♐45'15	-0°34'28
minimum elong	-10210 Feb 03 j 19:19	1°♐52'47	0°34'41
max. Earth dist.	-10210 Feb 03 j 06:55	0°♐45'00	1.32775 AU
asc. node	-10210 Feb 07 j 08:12	9°♐35'00	
evening rise	-10210 Feb 10 j 18:48	16°♐55'01	
	-10210 Feb 17 j 08:45	0°♑	
	-10210 Mar 10 j 01:50	0°♒	
evening max el	-10210 Mar 10 j 16:32	0°♒35'41	25°48'18
retrograde	-10210 Mar 24 j 19:03	7°♒51'07	
desc. node	-10210 Mar 26 j 05:37	7°♒46'03	
evening set	-10210 Mar 30 j 08:03	6°♒36'49	
min. Earth dist.	-10210 Apr 04 j 05:37	3°♒44'23	0.58341 AU
inferior conj	-10210 Apr 07 j 11:26	1°♒22'25	-2°46'15
minimum elong	-10210 Apr 07 j 07:35	1°♒29'30	2°46'00
	-10210 Apr 09 j 09:27	30°℞♑	
morning rise	-10210 Apr 15 j 10:17	26°♑57'57	
direct	-10210 Apr 17 j 18:45	26°♑39'48	
	-10210 Apr 25 j 08:07	0°♒	
morning max el	-10210 Apr 25 j 22:10	0°♒32'04	18°42'14
asc. node	-10210 May 06 j 07:46	15°♒21'25	
morning set	-10210 May 12 j 06:20	26°♒31'39	
	-10210 May 14 j 01:17	0°♓	
superior conj	-10210 May 21 j 06:06	13°♓48'59	1°43'31
minimum elong	-10210 May 21 j 03:50	13°♓38'17	1°43'10
max. Earth dist.	-10210 May 28 j 05:10	26°♓30'42	1.39276 AU
	-10210 May 30 j 04:58	0°♈	
evening rise	-10210 Jun 01 j 10:37	3°♈50'21	
	-10210 Jun 17 j 23:50	0°♉	
desc. node	-10210 Jun 22 j 03:08	5°♉56'20	
evening max el	-10210 Jul 06 j 17:24	24°♉03'55	23°56'53
	-10210 Jul 14 j 22:13	0°♊	
retrograde	-10210 Jul 17 j 13:12	0°♊28'36	
	-10210 Jul 20 j 00:29	30°℞♉	
evening set	-10210 Jul 22 j 20:44	28°♉11'18	
min. Earth dist.	-10210 Jul 27 j 15:41	22°♉32'17	0.67166 AU
inferior conj	-10210 Jul 28 j 02:29	21°♉55'23	-1°37'04
minimum elong	-10210 Jul 28 j 04:23	21°♉48'52	1°35'58
morning rise	-10210 Aug 02 j 12:00	15°♉44'35	
asc. node	-10210 Aug 02 j 08:28	15°♉51'23	
direct	-10210 Aug 06 j 11:19	14°♉14'55	
morning max el	-10210 Aug 14 j 20:43	19°♉14'05	20°58'19
	-10210 Aug 23 j 12:50	0°♊	
	-10210 Sep 12 j 15:37	0°♋	
morning set	-10210 Sep 13 j 05:46	0°♋55'11	
desc. node	-10210 Sep 18 j 01:08	8°♋29'55	
max. Earth dist.	-10210 Sep 22 j 05:43	15°♋14'17	1.42884 AU
superior conj	-10210 Sep 28 j 18:52	26°♋03'42	-1°02'12
minimum elong	-10210 Sep 28 j 14:05	25°♋43'34	1°01'07
	-10210 Oct 01 j 02:39	0°♌	
evening rise	-10210 Oct 10 j 16:33	16°♌44'13	
	-10210 Oct 18 j 05:59	0°♍	
evening max el	-10210 Oct 27 j 13:20	13°♍14'45	18°07'35
asc. node	-10210 Oct 29 j 07:37	14°♍49'05	
retrograde	-10210 Nov 03 j 06:36	16°♍46'43	
evening set	-10210 Nov 05 j 21:05	16°♍14'33	
inferior conj	-10210 Nov 12 j 13:17	11°♍04'27	3°41'28
minimum elong	-10210 Nov 12 j 09:43	11°♍13'17	3°41'01
min. Earth dist.	-10210 Nov 15 j 07:11	8°♍21'01	0.62149 AU
morning rise	-10210 Nov 18 j 21:19	5°♍17'47	
direct	-10210 Nov 25 j 23:13	2°♍45'09	
morning max el	-10210 Dec 09 j 19:29	10°♍17'34	27°34'30
desc. node	-10210 Dec 15 j 02:04	16°♍00'19	
	-10210 Dec 25 j 08:27	0°♎	
	-10209 Jan 11 j 06:11	0°♏	
morning set	-10209 Jan 11 j 20:52	1°♏14'27	
max. Earth dist.	-10209 Jan 17 j 17:49	13°♏34'57	1.33040 AU
superior conj	-10209 Jan 19 j 04:50	16°♏44'08	-0°55'29

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10209 Jan 19 j 06:50	16°♏54'58	0°55'31
asc. node	-10209 Jan 25 j 05:26	29°♏44'47	
	-10209 Jan 25 j 08:18	0°♐	
evening rise	-10209 Jan 26 j 05:52	1°♐53'51	
	-10209 Feb 10 j 19:52	0°♑	
evening max el	-10209 Feb 20 j 10:28	11°♑35'23	24°23'54
retrograde	-10209 Mar 06 j 06:31	18°♑29'37	
evening set	-10209 Mar 10 j 16:05	17°♑46'04	
desc. node	-10209 Mar 13 j 02:43	16°♑47'15	
min. Earth dist.	-10209 Mar 16 j 23:41	14°♑37'11	0.56678 AU
inferior conj	-10209 Mar 19 j 11:45	13°♑01'22	-1°35'25
minimum elong	-10209 Mar 19 j 08:19	13°♑06'52	1°35'01
morning rise	-10209 Mar 28 j 03:40	8°♑52'46	
direct	-10209 Mar 30 j 08:59	8°♑39'12	
morning max el	-10209 Apr 08 j 22:13	13°♑08'50	19°32'18
	-10209 Apr 20 j 16:01	0°♒	
asc. node	-10209 Apr 23 j 04:39	4°♒45'41	
morning set	-10209 Apr 26 j 05:22	10°♒43'13	
superior conj	-10209 May 04 j 10:52	27°♒09'23	1°29'32
minimum elong	-10209 May 04 j 07:53	26°♒54'46	1°28'52
	-10209 May 05 j 21:50	0°♓	
max. Earth dist.	-10209 May 10 j 06:08	8°♓15'55	1.37440 AU
evening rise	-10209 May 14 j 06:01	15°♓32'55	
	-10209 May 22 j 17:20	0°♈	
desc. node	-10209 Jun 09 j 00:33	25°♈34'55	
	-10209 Jun 12 j 11:51	0°♉	
evening max el	-10209 Jun 19 j 03:10	7°♉26'39	25°15'28
retrograde	-10209 Jul 01 j 00:38	14°♉24'33	
evening set	-10209 Jul 06 j 22:50	11°♉49'47	
min. Earth dist.	-10209 Jul 11 j 08:21	6°♉48'29	0.66766 AU
inferior conj	-10209 Jul 12 j 06:51	5°♉34'17	-2°18'56
minimum elong	-10209 Jul 12 j 09:18	5°♉26'12	2°17'55
	-10209 Jul 17 j 05:11	30°℞♈	
morning rise	-10209 Jul 17 j 19:46	29°♈32'50	
asc. node	-10209 Jul 20 j 05:22	28°♈27'01	
direct	-10209 Jul 21 j 09:05	28°♈19'23	
	-10209 Jul 25 j 19:50	0°♉	
morning max el	-10209 Jul 28 j 21:23	2°♉41'49	19°51'03
	-10209 Aug 17 j 07:19	0°♊	
morning set	-10209 Aug 23 j 08:11	9°♊21'50	
desc. node	-10209 Sep 04 j 22:11	29°♊09'48	
max. Earth dist.	-10209 Sep 04 j 18:08	28°♊53'42	1.44070 AU
	-10209 Sep 05 j 10:46	0°♋	
superior conj	-10209 Sep 08 j 20:24	5°♋27'28	-0°23'42
minimum elong	-10209 Sep 08 j 17:49	5°♋17'04	0°22'47
evening rise	-10209 Sep 22 j 18:05	28°♋26'55	
	-10209 Sep 23 j 16:06	0°♌	
evening max el	-10209 Oct 11 j 02:48	26°♌36'59	18°19'31
asc. node	-10209 Oct 16 j 04:51	0°♍00'58	
	-10209 Oct 16 j 03:26	0°♍	
retrograde	-10209 Oct 17 j 17:21	0°♍13'16	
	-10209 Oct 19 j 07:10	30°℞♌	
evening set	-10209 Oct 20 j 11:52	29°♌32'35	
inferior conj	-10209 Oct 26 j 17:57	24°♌04'04	3°01'02
minimum elong	-10209 Oct 26 j 14:19	24°♌14'09	3°00'25
min. Earth dist.	-10209 Oct 28 j 22:55	21°♌37'29	0.63758 AU
morning rise	-10209 Nov 01 j 16:03	18°♌04'23	
direct	-10209 Nov 08 j 14:59	15°♌19'24	
morning max el	-10209 Nov 22 j 03:34	22°♌53'33	27°27'17
	-10209 Nov 28 j 13:37	0°♍	
desc. node	-10209 Dec 01 j 22:46	4°♍19'00	
	-10209 Dec 18 j 12:23	0°♎	
morning set	-10209 Dec 26 j 18:31	15°♎28'09	
max. Earth dist.	-10209 Dec 31 j 22:12	25°♎59'17	1.33685 AU
	-10208 Jan 02 j 19:49	0°♏	

superior conj	-10208 Jan 03 j 12:54	1°♏30'54	-1°13'58
minimum elong	-10208 Jan 03 j 15:11	1°♏43'01	1°13'54
evening rise	-10208 Jan 10 j 17:01	16°♏48'40	
asc. node	-10208 Jan 12 j 02:41	19°♏43'26	
	-10208 Jan 17 j 08:17	0°♐	
evening max el	-10208 Feb 02 j 04:13	22°♐26'28	22°50'15
retrograde	-10208 Feb 15 j 05:04	28°♐44'25	
evening set	-10208 Feb 18 j 14:25	28°♐19'21	
min. Earth dist.	-10208 Feb 26 j 15:22	24°♐42'44	0.55639 AU
inferior conj	-10208 Feb 27 j 18:12	24°♐03'48	0°03'36
minimum elong	-10208 Feb 27 j 18:20	24°♐03'37	0°02'59
transit middle	-10208 Feb 27 j 18:20	24°♐03'37	0°02'59
transit begin	-10208 Feb 27 j 14:20	24°♐09'25	
transit end	-10208 Feb 27 j 22:20	23°♐57'48	
desc. node	-10208 Feb 27 j 23:43	23°♐55'48	
morning rise	-10208 Mar 07 j 23:48	20°♐01'31	
direct	-10208 Mar 10 j 07:11	19°♐48'48	
morning max el	-10208 Mar 21 j 12:00	25°♐07'35	20°41'49
	-10208 Mar 25 j 20:41	0°♑	
morning set	-10208 Apr 09 j 11:00	25°♑19'25	
asc. node	-10208 Apr 09 j 01:34	24°♑31'20	
	-10208 Apr 11 j 17:36	0°♒	
superior conj	-10208 Apr 17 j 03:27	11°♒08'49	1°10'38
minimum elong	-10208 Apr 17 j 00:41	10°♒54'42	1°09'45
max. Earth dist.	-10208 Apr 21 j 13:54	20°♒01'18	1.35835 AU
evening rise	-10208 Apr 25 j 22:25	28°♒21'23	
	-10208 Apr 26 j 19:40	0°♓	
	-10208 May 14 j 23:11	0°♈	
desc. node	-10208 May 25 j 21:57	14°♈39'03	
evening max el	-10208 May 31 j 13:32	20°♈50'34	26°21'55
retrograde	-10208 Jun 13 j 07:19	28°♈09'52	
evening set	-10208 Jun 19 j 18:39	25°♈24'09	
min. Earth dist.	-10208 Jun 23 j 19:55	21°♈02'09	0.66004 AU
inferior conj	-10208 Jun 25 j 07:30	19°♈11'30	-2°54'18
minimum elong	-10208 Jun 25 j 10:04	19°♈03'30	2°53'35
morning rise	-10208 Jul 01 j 01:36	13°♈22'35	
direct	-10208 Jul 04 j 06:56	12°♈23'04	
asc. node	-10208 Jul 06 j 02:11	12°♈41'00	
morning max el	-10208 Jul 11 j 04:12	16°♈16'19	18°58'21
	-10208 Jul 21 j 08:08	0°♉	
morning set	-10208 Aug 02 j 00:42	18°♉30'17	
	-10208 Aug 09 j 06:10	0°♊	
max. Earth dist.	-10208 Aug 17 j 10:36	12°♊57'01	1.44603 AU
superior conj	-10208 Aug 18 j 00:18	13°♊51'12	0°22'44
minimum elong	-10208 Aug 18 j 03:10	14°♊02'33	0°22'55
desc. node	-10208 Aug 21 j 19:19	19°♊51'35	
	-10208 Aug 28 j 04:08	0°♋	
evening rise	-10208 Sep 02 j 19:12	9°♋02'43	
	-10208 Sep 15 j 23:12	0°♌	
evening max el	-10208 Sep 23 j 15:09	10°♌04'49	18°49'05
retrograde	-10208 Sep 30 j 10:13	13°♌54'17	
asc. node	-10208 Oct 02 j 02:01	13°♌38'40	
evening set	-10208 Oct 03 j 10:58	13°♌02'13	
inferior conj	-10208 Oct 09 j 08:32	7°♌18'09	2°13'15
minimum elong	-10208 Oct 09 j 05:36	7°♌27'02	2°12'46
min. Earth dist.	-10208 Oct 11 j 00:16	5°♌18'00	0.65069 AU
morning rise	-10208 Oct 14 j 23:47	1°♌08'25	
	-10208 Oct 16 j 12:23	30°℞♋	
direct	-10208 Oct 21 j 13:01	28°♋24'18	
	-10208 Oct 27 j 01:49	0°♌	
morning max el	-10208 Nov 03 j 13:28	5°♌52'48	26°48'59
desc. node	-10208 Nov 17 j 19:28	23°♌25'03	
	-10208 Nov 22 j 06:31	0°♍	
morning set	-10208 Dec 09 j 05:40	29°♍05'32	
	-10208 Dec 09 j 17:02	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10208 Dec 13 j 17:01	7°♎51'58	1.34751 AU
superior conj	-10208 Dec 17 j 16:05	15°♎58'33	-1°28'52
minimum elong	-10208 Dec 17 j 18:09	16°♎09'19	1°28'47
	-10208 Dec 24 j 08:36	0°♏	
evening rise	-10208 Dec 25 j 02:39	1°♏33'49	
asc. node	-10208 Dec 28 j 23:58	9°♏25'29	
	-10207 Jan 10 j 19:22	0°♐	
evening max el	-10207 Jan 14 j 03:00	3°♐31'32	21°20'16
retrograde	-10207 Jan 25 j 19:30	9°♐02'55	
evening set	-10207 Jan 28 j 14:35	8°♐45'04	
inferior conj	-10207 Feb 06 j 15:22	4°♐45'13	1°50'48
minimum elong	-10207 Feb 06 j 19:53	4°♐38'46	1°48'56
min. Earth dist.	-10207 Feb 07 j 05:27	4°♐25'07	0.55437 AU
desc. node	-10207 Feb 13 j 20:39	1°♐10'57	
morning rise	-10207 Feb 16 j 00:39	0°♐34'39	
direct	-10207 Feb 18 j 21:43	0°♐16'21	
morning max el	-10207 Mar 03 j 14:33	6°♐25'30	22°08'18
	-10207 Mar 19 j 18:23	0°♑	
morning set	-10207 Mar 24 j 20:51	10°♑12'23	
asc. node	-10207 Mar 26 j 22:31	14°♑32'09	
superior conj	-10207 Apr 01 j 04:21	25°♑36'23	0°48'48
minimum elong	-10207 Apr 01 j 02:18	25°♑25'40	0°47'53
	-10207 Apr 03 j 06:57	0°♒	
max. Earth dist.	-10207 Apr 04 j 07:43	2°♒07'31	1.34557 AU
evening rise	-10207 Apr 09 j 06:11	11°♒58'47	
	-10207 Apr 19 j 04:17	0°♓	
	-10207 May 10 j 03:08	0°♈	
desc. node	-10207 May 12 j 19:19	2°♈53'47	
evening max el	-10207 May 14 j 00:29	4°♈06'59	27°07'52
retrograde	-10207 May 27 j 08:42	11°♈36'52	
evening set	-10207 Jun 03 j 05:32	8°♈50'08	
min. Earth dist.	-10207 Jun 07 j 00:11	5°♈05'56	0.64852 AU
inferior conj	-10207 Jun 09 j 02:09	2°♈42'39	-3°21'08
minimum elong	-10207 Jun 09 j 04:17	2°♈36'33	3°20'51
	-10207 Jun 11 j 13:25	30°℞♓	
morning rise	-10207 Jun 15 j 03:26	27°♓09'12	
direct	-10207 Jun 18 j 02:34	26°♓21'33	
asc. node	-10207 Jun 22 j 22:59	28°♓22'45	
morning max el	-10207 Jun 24 j 15:38	29°♓54'45	18°22'06
	-10207 Jun 24 j 17:42	0°♈	
morning set	-10207 Jul 13 j 17:41	28°♈47'03	
	-10207 Jul 14 j 11:16	0°♉	
superior conj	-10207 Jul 28 j 01:47	22°♉10'03	1°05'44
minimum elong	-10207 Jul 28 j 08:17	22°♉36'00	1°05'29
max. Earth dist.	-10207 Jul 31 j 03:43	27°♉04'24	1.44418 AU
	-10207 Aug 02 j 00:02	0°♊	
desc. node	-10207 Aug 08 j 16:31	10°♊31'44	
evening rise	-10207 Aug 13 j 17:26	18°♊25'01	
	-10207 Aug 21 j 03:56	0°♋	
greatest brilliancy	-10207 Aug 24 j 16:25	5°♋24'53	-0.7m
evening max el	-10207 Sep 06 j 23:45	23°♋33'34	19°35'12
retrograde	-10207 Sep 14 j 06:17	27°♋45'09	
evening set	-10207 Sep 17 j 15:30	26°♋38'35	
asc. node	-10207 Sep 18 j 23:07	25°♋37'29	
inferior conj	-10207 Sep 23 j 06:16	20°♋42'12	1°21'56
minimum elong	-10207 Sep 23 j 04:24	20°♋48'14	1°21'47
min. Earth dist.	-10207 Sep 24 j 09:47	19°♋13'16	0.66057 AU
morning rise	-10207 Sep 28 j 17:01	14°♋25'39	
direct	-10207 Oct 04 j 16:56	11°♋51'58	
morning max el	-10207 Oct 16 j 23:28	19°♋04'37	25°46'39
	-10207 Oct 26 j 08:14	0°♌	
desc. node	-10207 Nov 04 j 16:13	13°♌04'56	
	-10207 Nov 15 j 07:28	0°♍	
morning set	-10207 Nov 22 j 02:01	11°♍54'22	

max. Earth dist.	-10207 Nov 26 j 01:04	19°♍18'16	1.36243 AU
superior conj	-10207 Dec 01 j 11:48	29°♍59'16	-1°38'48
minimum elong	-10207 Dec 01 j 13:02	0°♎05'32	1°38'42
	-10207 Dec 01 j 11:56	0°♎	
evening rise	-10207 Dec 09 j 08:58	16°♎03'55	
asc. node	-10207 Dec 15 j 21:16	28°♎44'34	
	-10207 Dec 16 j 14:02	0°♏	
evening max el	-10207 Dec 27 j 10:52	15°♏06'59	20°03'37
retrograde	-10206 Jan 06 j 13:24	19°♏52'07	
evening set	-10206 Jan 09 j 02:51	19°♏35'09	
inferior conj	-10206 Jan 17 j 16:46	15°♏33'23	3°16'57
minimum elong	-10206 Jan 17 j 22:19	15°♏24'50	3°15'23
min. Earth dist.	-10206 Jan 19 j 18:59	14°♏16'28	0.56099 AU
morning rise	-10206 Jan 26 j 15:53	11°♏00'44	
direct	-10206 Jan 30 j 15:59	10°♏25'15	
desc. node	-10206 Jan 31 j 17:31	10°♏27'49	
morning max el	-10206 Feb 13 j 08:24	17°♏13'47	23°44'46
	-10206 Feb 23 j 14:47	0°♐	
morning set	-10206 Mar 09 j 08:56	25°♐15'23	
	-10206 Mar 11 j 14:44	0°♑	
asc. node	-10206 Mar 13 j 19:35	4°♑43'23	
superior conj	-10206 Mar 16 j 10:55	10°♑23'51	0°25'29
minimum elong	-10206 Mar 16 j 09:50	10°♑18'05	0°24'41
max. Earth dist.	-10206 Mar 18 j 11:01	14°♑40'21	1.33629 AU
evening rise	-10206 Mar 24 j 00:57	26°♑11'45	
	-10206 Mar 25 j 23:12	0°♒	
	-10206 Apr 12 j 13:54	0°♓	
evening max el	-10206 Apr 26 j 10:27	17°♓04'57	27°26'24
desc. node	-10206 Apr 29 j 16:37	19°♓58'56	
retrograde	-10206 May 10 j 04:24	24°♓37'47	
evening set	-10206 May 17 j 04:23	22°♓02'56	
min. Earth dist.	-10206 May 20 j 19:43	18°♓50'00	0.63313 AU
inferior conj	-10206 May 23 j 12:11	16°♓03'19	-3°36'21
minimum elong	-10206 May 23 j 13:09	16°♓00'47	3°36'30
morning rise	-10206 May 29 j 22:53	10°♓47'39	
direct	-10206 Jun 01 j 17:08	10°♓10'07	
morning max el	-10206 Jun 08 j 05:27	13°♓33'21	18°03'29
asc. node	-10206 Jun 09 j 19:49	15°♓17'14	
	-10206 Jun 19 j 13:47	0°♈	
morning set	-10206 Jun 25 j 11:29	10°♈13'26	
	-10206 Jul 07 j 01:29	0°♉	
superior conj	-10206 Jul 07 j 21:58	1°♉24'56	1°35'12
minimum elong	-10206 Jul 08 j 03:05	1°♉46'07	1°35'05
max. Earth dist.	-10206 Jul 13 j 17:42	10°♉55'16	1.43553 AU
evening rise	-10206 Jul 23 j 20:22	26°♉53'58	
	-10206 Jul 25 j 20:25	0°♊	
desc. node	-10206 Jul 26 j 13:47	1°♊06'56	
	-10206 Aug 15 j 05:39	0°♋	
evening max el	-10206 Aug 21 j 02:25	6°♋59'51	20°36'10
retrograde	-10206 Aug 29 j 03:08	11°♋42'21	
evening set	-10206 Sep 01 j 23:02	10°♋18'14	
asc. node	-10206 Sep 05 j 20:11	6°♋14'17	
inferior conj	-10206 Sep 07 j 08:48	4°♋12'46	0°29'36
minimum elong	-10206 Sep 07 j 08:07	4°♋15'04	0°29'54
min. Earth dist.	-10206 Sep 08 j 01:14	3°♋17'16	0.66742 AU
	-10206 Sep 10 j 15:13	30°℞♊	
morning rise	-10206 Sep 12 j 17:01	27°♊53'03	
direct	-10206 Sep 18 j 02:22	25°♊35'22	
	-10206 Sep 26 j 21:58	0°♋	
morning max el	-10206 Sep 29 j 09:04	2°♋19'43	24°28'47
	-10206 Oct 20 j 11:36	0°♌	
desc. node	-10206 Oct 22 j 13:00	3°♌08'17	
morning set	-10206 Nov 04 j 02:11	23°♌39'26	
	-10206 Nov 07 j 16:17	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10206 Nov 08 j 00:46	0°♍38'15	1.38085 AU
superior conj	-10206 Nov 14 j 20:32	13°♍22'16	-1°41'58
minimum elong	-10206 Nov 14 j 20:14	13°♍20'50	1°41'45
evening rise	-10206 Nov 23 j 09:49	0°♎12'02	
	-10206 Nov 23 j 07:23	0°♎	
asc. node	-10206 Dec 02 j 18:35	17°♎31'54	
evening max el	-10206 Dec 10 j 04:58	27°♎16'30	19°05'20
	-10206 Dec 13 j 19:07	0°♏	
retrograde	-10206 Dec 18 j 20:49	1°♏24'33	
evening set	-10206 Dec 21 j 08:51	1°♏05'21	
	-10206 Dec 24 j 06:23	30°℞♎	
inferior conj	-10206 Dec 29 j 09:16	26°♎49'19	4°04'47
minimum elong	-10206 Dec 29 j 12:06	26°♎44'22	4°04'19
min. Earth dist.	-10205 Jan 01 j 09:27	24°♎43'58	0.57469 AU
morning rise	-10205 Jan 06 j 13:07	21°♎51'10	
direct	-10205 Jan 11 j 21:38	20°♎43'46	
desc. node	-10205 Jan 18 j 14:20	22°♎27'44	
morning max el	-10205 Jan 25 j 23:13	27°♎55'18	25°18'49
	-10205 Jan 28 j 00:28	0°♏	
	-10205 Feb 16 j 18:35	0°♐	
morning set	-10205 Feb 21 j 21:22	10°♐20'35	
superior conj	-10205 Feb 28 j 20:56	25°♐22'38	0°01'44
minimum elong	-10205 Feb 28 j 20:53	25°♐22'22	0°01'10
behind sun begin	-10205 Feb 28 j 15:51	24°♐55'01	
behind sun end	-10205 Mar 01 j 01:55	25°♐49'42	
asc. node	-10205 Feb 28 j 16:41	24°♐59'35	
max. Earth dist.	-10205 Mar 01 j 20:56	27°♐32'52	1.33040 AU
	-10205 Mar 03 j 00:10	0°♑	
evening rise	-10205 Mar 08 j 03:16	10°♑48'11	
	-10205 Mar 18 j 06:18	0°♒	
evening max el	-10205 Apr 08 j 17:17	29°♒33'03	27°13'13
	-10205 Apr 09 j 04:36	0°♓	
desc. node	-10205 Apr 16 j 13:52	5°♓26'09	
retrograde	-10205 Apr 22 j 17:32	7°♓03'14	
evening set	-10205 Apr 29 j 11:42	4°♓53'54	
min. Earth dist.	-10205 May 03 j 06:10	2°♓00'23	0.61452 AU
	-10205 May 05 j 11:08	30°℞♒	
inferior conj	-10205 May 06 j 10:20	29°♒06'20	-3°35'32
minimum elong	-10205 May 06 j 09:27	29°♒08'23	3°35'50
morning rise	-10205 May 13 j 09:00	24°♒10'09	
direct	-10205 May 15 j 23:14	23°♒41'12	
morning max el	-10205 May 22 j 19:06	27°♒05'41	18°03'23
	-10205 May 25 j 09:21	0°♓	
asc. node	-10205 May 27 j 16:41	3°♓08'57	
morning set	-10205 Jun 08 j 02:02	22°♓40'33	
	-10205 Jun 12 j 02:48	0°♈	
superior conj	-10205 Jun 18 j 21:19	12°♈00'38	1°48'29
minimum elong	-10205 Jun 18 j 22:53	12°♈07'24	1°48'31
max. Earth dist.	-10205 Jun 26 j 02:22	24°♈14'10	1.42135 AU
	-10205 Jun 29 j 14:53	0°♉	
evening rise	-10205 Jul 03 j 00:37	5°♉27'32	
desc. node	-10205 Jul 13 j 11:06	21°♉33'41	
	-10205 Jul 19 j 04:24	0°♊	
evening max el	-10205 Aug 03 j 22:20	20°♊23'08	21°49'10
retrograde	-10205 Aug 12 j 22:52	25°♊43'30	
evening set	-10205 Aug 17 j 07:30	23°♊59'22	
inferior conj	-10205 Aug 22 j 14:09	17°♊47'53	-0°21'48
minimum elong	-10205 Aug 22 j 14:37	17°♊46'18	0°21'03
min. Earth dist.	-10205 Aug 22 j 20:10	17°♊27'08	0.67140 AU
asc. node	-10205 Aug 23 j 17:13	16°♊15'05	
morning rise	-10205 Aug 27 j 21:35	11°♊28'46	
direct	-10205 Sep 01 j 16:43	9°♊29'41	
morning max el	-10205 Sep 11 j 19:47	15°♊35'08	23°04'32
	-10205 Sep 23 j 12:40	0°♋	
desc. node	-10205 Oct 09 j 09:51	23°♋28'09	
	-10205 Oct 13 j 12:12	0°♌	
morning set	-10205 Oct 16 j 00:57	4°♌08'13	
max. Earth dist.	-10205 Oct 20 j 22:51	12°♌24'27	1.40086 AU
superior conj	-10205 Oct 28 j 13:47	25°♌55'28	-1°36'03
minimum elong	-10205 Oct 28 j 11:21	25°♌44'21	1°35'33
	-10205 Oct 30 j 18:49	0°♍	
evening rise	-10205 Nov 07 j 02:32	13°♍51'41	
	-10205 Nov 15 j 22:56	0°♎	
asc. node	-10205 Nov 19 j 15:53	5°♎37'16	
evening max el	-10205 Nov 23 j 08:02	9°♎56'22	18°27'10
retrograde	-10205 Nov 30 j 22:00	13°♎40'34	
evening set	-10205 Dec 03 j 10:09	13°♎17'22	
inferior conj	-10205 Dec 10 j 21:10	8°♎40'46	4°15'36
minimum elong	-10205 Dec 10 j 20:28	8°♎42'09	4°15'33
min. Earth dist.	-10205 Dec 14 j 03:12	6°♎04'22	0.59254 AU
morning rise	-10205 Dec 18 j 05:02	3°♎21'08	
direct	-10205 Dec 24 j 15:19	1°♎35'03	
desc. node	-10204 Jan 05 j 11:08	6°♎55'34	
morning max el	-10204 Jan 07 j 17:07	8°♎57'17	26°35'29
	-10204 Jan 23 j 18:24	0°♏	
morning set	-10204 Feb 06 j 08:25	25°♏21'27	
	-10204 Feb 08 j 13:08	0°♐	
superior conj	-10204 Feb 13 j 08:35	10°♐26'14	-0°21'34
minimum elong	-10204 Feb 13 j 09:30	10°♐31'11	0°21'55
max. Earth dist.	-10204 Feb 13 j 10:12	10°♐35'01	1.32780 AU
asc. node	-10204 Feb 15 j 13:50	15°♐16'37	
evening rise	-10204 Feb 20 j 10:35	25°♐39'12	
	-10204 Feb 22 j 13:29	0°♑	
	-10204 Mar 11 j 03:07	0°♒	
evening max el	-10204 Mar 20 j 19:08	11°♒24'06	26°27'36
desc. node	-10204 Apr 02 j 11:06	18°♒40'50	
retrograde	-10204 Apr 03 j 22:12	18°♒46'13	
evening set	-10204 Apr 10 j 00:21	17°♒11'39	
min. Earth dist.	-10204 Apr 14 j 08:28	14°♒22'45	0.59451 AU
inferior conj	-10204 Apr 17 j 16:57	11°♒42'57	-3°12'26
minimum elong	-10204 Apr 17 j 13:57	11°♒48'58	3°12'28
morning rise	-10204 Apr 25 j 06:15	7°♒06'49	
direct	-10204 Apr 27 j 16:48	6°♒45'06	
morning max el	-10204 May 05 j 05:42	10°♒23'24	18°22'26
asc. node	-10204 May 13 j 13:33	21°♒44'30	
	-10204 May 18 j 04:36	0°♓	
morning set	-10204 May 21 j 08:24	5°♓56'25	
superior conj	-10204 May 30 j 21:39	23°♓51'36	1°48'16
minimum elong	-10204 May 30 j 20:21	23°♓45'40	1°48'07
	-10204 Jun 03 j 07:23	0°♈	
max. Earth dist.	-10204 Jun 07 j 05:42	6°♈52'34	1.40362 AU
evening rise	-10204 Jun 12 j 01:56	15°♈02'52	
	-10204 Jun 21 j 10:58	0°♉	
desc. node	-10204 Jun 29 j 08:28	11°♉46'59	
	-10204 Jul 13 j 01:50	0°♊	
evening max el	-10204 Jul 16 j 12:18	3°♊44'18	23°09'44
retrograde	-10204 Jul 26 j 16:02	9°♊45'35	
evening set	-10204 Jul 31 j 15:00	7°♊40'13	
inferior conj	-10204 Aug 05 j 20:30	1°♊25'26	-1°10'39
minimum elong	-10204 Aug 05 j 21:57	1°♊20'27	1°09'38
min. Earth dist.	-10204 Aug 05 j 16:02	1°♊40'49	0.67250 AU
	-10204 Aug 06 j 21:27	30°℞♉	
asc. node	-10204 Aug 09 j 14:11	26°♉40'46	
morning rise	-10204 Aug 11 j 04:48	25°♉10'39	
direct	-10204 Aug 15 j 10:56	23°♉30'27	
morning max el	-10204 Aug 24 j 10:26	28°♉52'50	21°42'09
	-10204 Aug 25 j 11:48	0°♊	
	-10204 Sep 16 j 06:27	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10204 Sep 24 j 21:10	13°♋20'45	
desc. node	-10204 Sep 25 j 06:45	13°♋58'45	
max. Earth dist.	-10204 Oct 02 j 01:46	24°♋58'29	1.41973 AU
	-10204 Oct 05 j 02:05	0°♌	
superior conj	-10204 Oct 09 j 09:52	7°♌23'26	-1°18'27
minimum elong	-10204 Oct 09 j 05:27	7°♌04'20	1°17'32
evening rise	-10204 Oct 20 j 07:38	26°♌54'23	
	-10204 Oct 22 j 00:19	0°♍	
evening max el	-10204 Nov 05 j 17:26	22°♍58'22	18°09'07
asc. node	-10204 Nov 05 j 13:09	22°♍47'36	
retrograde	-10204 Nov 12 j 15:32	26°♍31'33	
evening set	-10204 Nov 15 j 04:49	26°♍03'00	
inferior conj	-10204 Nov 22 j 03:27	21°♍04'29	3°59'16
minimum elong	-10204 Nov 22 j 00:30	21°♍11'20	3°59'00
min. Earth dist.	-10204 Nov 25 j 03:33	18°♍18'23	0.61130 AU
morning rise	-10204 Nov 28 j 18:58	15°♍27'03	
direct	-10204 Dec 05 j 18:38	13°♍08'06	
morning max el	-10204 Dec 19 j 17:20	20°♍36'32	27°22'57
desc. node	-10204 Dec 22 j 07:54	23°♍16'58	
	-10204 Dec 27 j 22:30	0°♎	
	-10203 Jan 15 j 13:07	0°♏	
morning set	-10203 Jan 20 j 16:10	10°♏11'08	
max. Earth dist.	-10203 Jan 26 j 23:10	23°♏34'00	1.32847 AU
superior conj	-10203 Jan 27 j 20:14	25°♏28'40	-0°43'38
minimum elong	-10203 Jan 27 j 21:54	25°♏37'49	0°43'46
	-10203 Jan 29 j 22:00	0°♐	
asc. node	-10203 Feb 01 j 11:02	5°♐30'28	
evening rise	-10203 Feb 03 j 20:48	10°♐37'27	
	-10203 Feb 13 j 22:19	0°♑	
evening max el	-10203 Mar 02 j 15:27	22°♑39'30	25°14'27
retrograde	-10203 Mar 16 j 16:06	29°♑46'42	
desc. node	-10203 Mar 20 j 08:17	29°♑14'58	
evening set	-10203 Mar 21 j 17:48	28°♑46'48	
min. Earth dist.	-10203 Mar 27 j 04:37	25°♑48'52	0.57576 AU
inferior conj	-10203 Mar 30 j 04:48	23°♑44'56	-2°20'13
minimum elong	-10203 Mar 30 j 00:46	23°♑51'55	2°19'48
morning rise	-10203 Apr 07 j 10:55	19°♑27'45	
direct	-10203 Apr 09 j 18:00	19°♑11'44	
morning max el	-10203 Apr 18 j 10:25	23°♑18'01	19°01'08
	-10203 Apr 23 j 22:53	0°♒	
asc. node	-10203 Apr 30 j 10:25	10°♒53'49	
morning set	-10203 May 05 j 02:23	19°♒50'57	
	-10203 May 10 j 06:12	0°♓	
superior conj	-10203 May 13 j 17:37	6°♓44'06	1°38'21
minimum elong	-10203 May 13 j 14:54	6°♓31'06	1°37'52
max. Earth dist.	-10203 May 20 j 06:23	18°♓54'02	1.38478 AU
evening rise	-10203 May 24 j 06:45	26°♓00'45	
	-10203 May 26 j 14:30	0°♈	
	-10203 Jun 15 j 00:39	0°♉	
desc. node	-10203 Jun 16 j 05:52	1°♉40'49	
evening max el	-10203 Jun 28 j 22:46	17°♉06'17	24°31'12
retrograde	-10203 Jul 10 j 05:41	23°♉45'34	
evening set	-10203 Jul 15 j 19:39	21°♉20'13	
min. Earth dist.	-10203 Jul 20 j 10:27	15°♉57'09	0.67046 AU
inferior conj	-10203 Jul 21 j 02:06	15°♉04'27	-1°55'30
minimum elong	-10203 Jul 21 j 04:17	14°♉57'05	1°54'24
morning rise	-10203 Jul 26 j 12:52	8°♉57'25	
asc. node	-10203 Jul 27 j 11:06	8°♉21'45	
direct	-10203 Jul 30 j 07:46	7°♉34'51	
morning max el	-10203 Aug 07 j 07:19	12°♉16'59	20°28'07
	-10203 Aug 20 j 16:30	0°♊	
morning set	-10203 Sep 04 j 00:37	21°♊49'05	
	-10203 Sep 09 j 06:01	0°♋	
desc. node	-10203 Sep 12 j 03:43	4°♋36'22	
max. Earth dist.	-10203 Sep 14 j 11:34	8°♋20'01	1.43471 AU
superior conj	-10203 Sep 20 j 03:25	17°♋33'15	-0°47'19
minimum elong	-10203 Sep 19 j 23:04	17°♋15'16	0°46'14
	-10203 Sep 27 j 13:14	0°♌	
evening rise	-10203 Oct 02 j 20:48	9°♌10'30	
	-10203 Oct 15 j 07:43	0°♍	
evening max el	-10203 Oct 20 j 06:13	6°♍15'03	18°10'21
asc. node	-10203 Oct 23 j 10:24	8°♍47'42	
retrograde	-10203 Oct 26 j 21:21	9°♍47'49	
evening set	-10203 Oct 29 j 13:20	9°♍12'14	
inferior conj	-10203 Nov 05 j 00:59	3°♍53'36	3°25'29
minimum elong	-10203 Nov 04 j 21:17	4°♍03'18	3°24'56
min. Earth dist.	-10203 Nov 07 j 13:25	1°♍16'06	0.62870 AU
	-10203 Nov 08 j 20:28	30°℞♌	
morning rise	-10203 Nov 11 j 04:23	28°♌01'03	
direct	-10203 Nov 18 j 05:55	25°♌21'47	
	-10203 Nov 28 j 16:53	0°♍	
morning max el	-10203 Dec 01 j 23:24	2°♍54'58	27°35'38
desc. node	-10203 Dec 09 j 04:34	11°♍00'11	
	-10203 Dec 22 j 06:15	0°♎	
morning set	-10202 Jan 04 j 18:17	24°♎40'58	
	-10202 Jan 07 j 08:39	0°♏	
max. Earth dist.	-10202 Jan 10 j 07:58	6°♏15'37	1.33268 AU
superior conj	-10202 Jan 12 j 06:06	10°♏23'03	-1°03'41
minimum elong	-10202 Jan 12 j 08:16	10°♏34'44	1°03'41
evening rise	-10202 Jan 19 j 08:06	25°♏35'29	
asc. node	-10202 Jan 19 j 08:15	25°♏36'16	
	-10202 Jan 21 j 11:11	0°♐	
	-10202 Feb 08 j 23:22	0°♑	
evening max el	-10202 Feb 12 j 08:31	3°♑32'04	23°44'20
retrograde	-10202 Feb 25 j 21:50	10°♑12'51	
evening set	-10202 Mar 01 j 20:28	9°♑38'33	
desc. node	-10202 Mar 07 j 05:22	7°♑17'24	
min. Earth dist.	-10202 Mar 08 j 21:05	6°♑19'38	0.56143 AU
inferior conj	-10202 Mar 10 j 20:52	5°♑07'04	-0°56'03
minimum elong	-10202 Mar 10 j 18:36	5°♑10'31	0°55'56
morning rise	-10202 Mar 19 j 19:27	1°♑03'11	
direct	-10202 Mar 22 j 00:48	0°♑50'30	
morning max el	-10202 Apr 01 j 06:21	5°♑39'28	19°59'40
asc. node	-10202 Apr 17 j 07:18	0°♒28'00	
	-10202 Apr 17 j 01:38	0°♒	
morning set	-10202 Apr 19 j 04:32	4°♒14'00	
superior conj	-10202 Apr 27 j 03:53	20°♒22'41	1°22'01
minimum elong	-10202 Apr 27 j 00:55	20°♒07'51	1°21'13
	-10202 May 02 j 02:02	0°♓	
max. Earth dist.	-10202 May 02 j 09:37	0°♓36'08	1.36716 AU
evening rise	-10202 May 06 j 11:44	8°♓12'53	
	-10202 May 19 j 08:29	0°♈	
desc. node	-10202 Jun 03 j 03:17	21°♈06'13	
	-10202 Jun 10 j 20:45	0°♉	
evening max el	-10202 Jun 11 j 08:28	0°♉29'20	25°45'39
retrograde	-10202 Jun 23 j 15:09	7°♉37'59	
evening set	-10202 Jun 29 j 19:22	4°♉57'12	
min. Earth dist.	-10202 Jul 04 j 01:06	0°♉12'54	0.66489 AU
	-10202 Jul 04 j 05:08	30°℞♈	
inferior conj	-10202 Jul 05 j 05:06	28°♈42'40	-2°34'52
minimum elong	-10202 Jul 05 j 07:40	28°♈34'24	2°33'57
morning rise	-10202 Jul 10 j 20:01	22°♈46'29	
direct	-10202 Jul 14 j 05:40	21°♈39'23	
asc. node	-10202 Jul 14 j 07:58	21°♈39'26	
morning max el	-10202 Jul 21 j 10:50	25°♈48'16	19°26'48
	-10202 Jul 25 j 01:02	0°♉	
	-10202 Aug 13 j 23:42	0°♊	
morning set	-10202 Aug 14 j 07:00	0°♊28'40	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10202 Aug 28 j 02:19	22°♊13'07	1.44379 AU
desc. node	-10202 Aug 30 j 00:47	25°♊17'42	
superior conj	-10202 Aug 30 j 18:12	26°♊27'05	-0°04'25
minimum elong	-10202 Aug 30 j 17:44	26°♊25'14	0°03'47
behind sun begin	-10202 Aug 30 j 06:48	25°♊41'39	
behind sun end	-10202 Aug 31 j 04:41	27°♊08'51	
	-10202 Sep 01 j 23:29	0°♋	
evening rise	-10202 Sep 14 j 12:39	20°♋27'17	
	-10202 Sep 20 j 06:58	0°♌	
evening max el	-10202 Oct 03 j 19:31	19°♌40'41	18°29'56
retrograde	-10202 Oct 10 j 11:17	23°♌21'55	
asc. node	-10202 Oct 10 j 07:35	23°♌21'47	
evening set	-10202 Oct 13 j 08:04	22°♌36'51	
inferior conj	-10202 Oct 19 j 10:19	17°♌01'13	2°41'25
minimum elong	-10202 Oct 19 j 06:55	17°♌11'02	2°40'50
min. Earth dist.	-10202 Oct 21 j 09:34	14°♌44'57	0.64349 AU
morning rise	-10202 Oct 25 j 05:09	10°♌56'33	
direct	-10202 Nov 01 j 00:24	8°♌10'37	
morning max el	-10202 Nov 14 j 08:52	15°♌44'08	27°14'28
desc. node	-10202 Nov 26 j 01:14	29°♌41'35	
	-10202 Nov 26 j 06:36	0°♍	
	-10202 Dec 14 j 21:54	0°♎	
morning set	-10202 Dec 19 j 11:59	8°♎41'37	
max. Earth dist.	-10202 Dec 24 j 08:45	18°♎28'10	1.34085 AU
superior conj	-10202 Dec 27 j 12:23	25°♎03'08	-1°20'48
minimum elong	-10202 Dec 27 j 14:39	25°♎15'02	1°20'44
	-10202 Dec 29 j 20:21	0°♏	
evening rise	-10201 Jan 03 j 18:50	10°♏27'24	
asc. node	-10201 Jan 06 j 05:30	15°♏28'57	
	-10201 Jan 14 j 01:47	0°♐	
evening max el	-10201 Jan 25 j 03:38	14°♐26'24	22°10'48
retrograde	-10201 Feb 06 j 16:28	20°♐26'00	
evening set	-10201 Feb 09 j 18:11	20°♐05'10	
inferior conj	-10201 Feb 18 j 21:55	15°♐57'58	0°49'52
minimum elong	-10201 Feb 19 j 00:05	15°♐54'53	0°48'36
min. Earth dist.	-10201 Feb 18 j 12:07	16°♐11'57	0.55442 AU
desc. node	-10201 Feb 22 j 02:20	14°♐12'22	
morning rise	-10201 Feb 28 j 06:44	11°♐54'11	
direct	-10201 Mar 02 j 17:50	11°♐40'18	
morning max el	-10201 Mar 14 j 15:28	17°♐21'15	21°16'51
	-10201 Mar 24 j 09:40	0°♑	
morning set	-10201 Apr 03 j 12:11	18°♑57'56	
asc. node	-10201 Apr 04 j 04:15	20°♑20'45	
	-10201 Apr 08 j 19:22	0°♒	
superior conj	-10201 Apr 11 j 00:24	4°♒35'21	1°01'39
minimum elong	-10201 Apr 10 j 21:53	4°♒22'25	1°00'43
max. Earth dist.	-10201 Apr 14 j 21:05	12°♒26'45	1.35244 AU
evening rise	-10201 Apr 19 j 11:16	21°♒23'54	
	-10201 Apr 24 j 03:12	0°♓	
	-10201 May 13 j 03:42	0°♈	
desc. node	-10201 May 21 j 00:42	9°♈51'21	
evening max el	-10201 May 24 j 18:56	13°♈50'16	26°44'26
retrograde	-10201 Jun 06 j 19:50	21°♈16'13	
evening set	-10201 Jun 13 j 11:44	18°♈28'27	
min. Earth dist.	-10201 Jun 17 j 09:49	14°♈22'59	0.65556 AU
inferior conj	-10201 Jun 19 j 03:28	12°♈17'26	-3°06'57
minimum elong	-10201 Jun 19 j 05:56	12°♈10'00	3°06'24
morning rise	-10201 Jun 25 j 00:23	6°♈34'51	
direct	-10201 Jun 28 j 02:45	5°♈40'49	
asc. node	-10201 Jul 01 j 04:47	6°♈31'59	
morning max el	-10201 Jul 04 j 19:52	9°♈24'45	18°40'50
	-10201 Jul 19 j 04:16	0°♉	
morning set	-10201 Jul 25 j 09:15	10°♉03'54	
	-10201 Aug 06 j 19:23	0°♊	
superior conj	-10201 Aug 09 j 18:10	4°♊40'31	0°42'08
minimum elong	-10201 Aug 09 j 23:09	5°♊00'12	0°42'03
max. Earth dist.	-10201 Aug 10 j 18:51	6°♊18'08	1.44601 AU
desc. node	-10201 Aug 16 j 21:56	15°♊59'07	
	-10201 Aug 25 j 18:20	0°♋	
evening rise	-10201 Aug 26 j 02:12	0°♋31'12	
	-10201 Sep 14 j 12:35	0°♌	
evening max el	-10201 Sep 17 j 06:33	3°♌09'26	19°06'48
retrograde	-10201 Sep 24 j 05:50	7°♌07'29	
evening set	-10201 Sep 27 j 09:48	6°♌09'50	
asc. node	-10201 Sep 27 j 04:44	6°♌17'14	
inferior conj	-10201 Oct 03 j 04:16	0°♌20'20	1°51'46
minimum elong	-10201 Oct 03 j 01:46	0°♌28'10	1°51'25
	-10201 Oct 03 j 10:46	30°℞♋	
min. Earth dist.	-10201 Oct 04 j 14:46	28°♋32'45	0.65524 AU
morning rise	-10201 Oct 08 j 17:19	24°♋07'06	
direct	-10201 Oct 15 j 01:14	21°♋26'09	
morning max el	-10201 Oct 27 j 18:56	28°♋50'10	26°24'53
	-10201 Oct 28 j 22:23	0°♌	
desc. node	-10201 Nov 12 j 21:56	19°♌03'30	
	-10201 Nov 20 j 01:30	0°♍	
morning set	-10201 Dec 02 j 17:27	22°♍00'25	
	-10201 Dec 06 j 21:15	0°♎	
max. Earth dist.	-10201 Dec 06 j 22:39	0°♎06'51	1.35335 AU
superior conj	-10201 Dec 11 j 12:46	9°♎20'38	-1°33'47
minimum elong	-10201 Dec 11 j 14:34	9°♎29'53	1°33'42
evening rise	-10201 Dec 19 j 03:17	25°♎06'44	
	-10201 Dec 21 j 13:01	0°♏	
asc. node	-10201 Dec 24 j 02:47	5°♏02'05	
evening max el	-10200 Jan 07 j 06:02	25°♏43'35	20°45'38
	-10200 Jan 13 j 15:31	0°♐	
retrograde	-10200 Jan 18 j 06:40	0°♐54'17	
evening set	-10200 Jan 20 j 22:22	0°♐37'30	
	-10200 Jan 23 j 03:17	30°℞♏	
inferior conj	-10200 Jan 29 j 19:14	26°♏39'10	2°31'23
minimum elong	-10200 Jan 30 j 00:45	26°♏31'08	2°29'26
min. Earth dist.	-10200 Jan 31 j 02:14	25°♏54'00	0.55621 AU
morning rise	-10200 Feb 08 j 01:44	22°♏19'52	
desc. node	-10200 Feb 08 j 23:13	22°♏08'45	
direct	-10200 Feb 11 j 08:56	21°♏55'55	
morning max el	-10200 Feb 24 j 13:47	28°♏24'31	22°48'39
	-10200 Feb 26 j 03:51	0°♐	
	-10200 Mar 16 j 01:26	0°♑	
morning set	-10200 Mar 17 j 23:12	3°♑55'46	
asc. node	-10200 Mar 21 j 01:16	10°♑26'34	
superior conj	-10200 Mar 25 j 04:00	19°♑12'24	0°39'01
minimum elong	-10200 Mar 25 j 02:21	19°♑03'38	0°38'08
max. Earth dist.	-10200 Mar 27 j 19:01	24°♑43'36	1.34121 AU
	-10200 Mar 30 j 08:32	0°♒	
evening rise	-10200 Apr 02 j 00:14	5°♒18'17	
	-10200 Apr 15 j 19:50	0°♓	
evening max el	-10200 May 06 j 05:51	27°♓00'55	27°19'34
desc. node	-10200 May 06 j 22:02	27°♓39'41	
	-10200 May 09 j 14:07	0°♈	
retrograde	-10200 May 19 j 19:03	4°♈33'03	
evening set	-10200 May 26 j 17:56	1°♈49'58	
	-10200 May 28 j 19:44	30°℞♓	
min. Earth dist.	-10200 May 30 j 10:42	28°♓19'52	0.64233 AU
inferior conj	-10200 Jun 01 j 18:51	25°♓45'14	-3°29'18
minimum elong	-10200 Jun 01 j 20:35	25°♓40'28	3°29'13
morning rise	-10200 Jun 07 j 23:49	20°♓18'50	
direct	-10200 Jun 10 j 20:41	19°♓35'42	
asc. node	-10200 Jun 17 j 01:38	22°♓46'39	
morning max el	-10200 Jun 17 j 08:34	23°♓03'45	18°11'57
	-10200 Jun 22 j 20:07	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10200 Jul 05 j 13:12	20°♈51'18		
	-10200 Jul 10 j 23:35	0°♉		
superior conj	-10200 Jul 19 j 01:39	13°♉17'36	1°20'14	
minimum elong	-10200 Jul 19 j 08:06	13°♉43'41	1°19'59	
max. Earth dist.	-10200 Jul 23 j 10:44	20°♉19'44	1.44123 AU	
	-10200 Jul 29 j 13:26	0°♊		
desc. node	-10200 Aug 02 j 19:11	6°♊37'46		
evening rise	-10200 Aug 04 j 14:24	9°♊25'48		
greatest brilliancy	-10200 Aug 17 j 10:43	29°♊06'45	-0.7m	
	-10200 Aug 18 j 00:59	0°♋		
evening max el	-10200 Aug 30 j 12:57	16°♋37'56	19°59'31	
retrograde	-10200 Sep 07 j 02:22	21°♋01'19		
evening set	-10200 Sep 10 j 15:53	19°♋47'42		
asc. node	-10200 Sep 13 j 01:50	17°♋37'28		
inferior conj	-10200 Sep 16 j 04:20	13°♋47'23	0°59'45	
minimum elong	-10200 Sep 16 j 02:58	13°♋51'53	0°59'47	
min. Earth dist.	-10200 Sep 17 j 03:05	12°♋32'19	0.66388 AU	
morning rise	-10200 Sep 21 j 13:47	7°♋29'10		
direct	-10200 Sep 27 j 07:42	5°♋01'32		
morning max el	-10200 Oct 09 j 04:27	12°♋03'15	25°14'49	
	-10200 Oct 23 j 16:31	0°♌		
desc. node	-10200 Oct 29 j 18:42	8°♌54'21		
	-10200 Nov 11 j 18:07	0°♍		
morning set	-10200 Nov 14 j 05:53	4°♍23'45		
max. Earth dist.	-10200 Nov 18 j 02:19	11°♍25'47	1.36997 AU	
superior conj	-10200 Nov 24 j 04:19	23°♍06'57	-1°41'07	
minimum elong	-10200 Nov 24 j 05:00	23°♍10'18	1°40'58	
	-10200 Nov 27 j 15:04	0°♎		
evening rise	-10200 Dec 02 j 07:33	9°♎28'09		
asc. node	-10200 Dec 10 j 00:06	24°♎08'39		
	-10200 Dec 13 j 14:38	0°♏		
evening max el	-10200 Dec 19 j 18:24	7°♏34'02	19°36'22	
retrograde	-10200 Dec 29 j 04:56	12°♏01'16		
evening set	-10200 Dec 31 j 17:45	11°♏43'29		
inferior conj	-10199 Jan 09 j 02:03	7°♏36'56	3°42'10	
minimum elong	-10199 Jan 09 j 06:45	7°♏29'20	3°41'05	
min. Earth dist.	-10199 Jan 11 j 15:47	5°♏57'50	0.56621 AU	
morning rise	-10199 Jan 17 j 17:37	2°♏53'31		
direct	-10199 Jan 22 j 07:59	2°♏05'50		
desc. node	-10199 Jan 25 j 20:04	2°♏34'07		
morning max el	-10199 Feb 05 j 05:18	9°♏05'35	24°25'53	
	-10199 Feb 20 j 15:13	0°♐		
morning set	-10199 Mar 02 j 11:40	19°♐00'27		
asc. node	-10199 Mar 07 j 22:20	0°♑40'17		
	-10199 Mar 07 j 14:54	0°♑		
superior conj	-10199 Mar 09 j 12:16	4°♑05'18	0°15'24	
minimum elong	-10199 Mar 09 j 11:37	4°♑01'51	0°14'41	
behind sun begin	-10199 Mar 09 j 09:46	3°♑51'51		
behind sun end	-10199 Mar 09 j 13:28	4°♑11'51		
max. Earth dist.	-10199 Mar 11 j 01:43	7°♑26'52	1.33344 AU	
evening rise	-10199 Mar 16 j 22:36	19°♑42'38		
	-10199 Mar 22 j 05:21	0°♒		
	-10199 Apr 10 j 01:31	0°♓		
evening max el	-10199 Apr 18 j 15:01	9°♓48'15	27°24'54	
desc. node	-10199 Apr 23 j 19:22	14°♓07'20		
retrograde	-10199 May 02 j 11:52	17°♓19'37		
evening set	-10199 May 09 j 10:35	14°♓54'26		
min. Earth dist.	-10199 May 13 j 02:24	11°♓51'19	0.62552 AU	
inferior conj	-10199 May 16 j 00:16	8°♓59'32	-3°38'19	
minimum elong	-10199 May 16 j 00:32	8°♓58'54	3°38'35	
morning rise	-10199 May 22 j 15:42	3°♓51'44		
direct	-10199 May 25 j 08:17	3°♓17'51		
morning max el	-10199 May 31 j 22:36	6°♓40'05	18°01'09	
asc. node	-10199 Jun 03 j 22:29	10°♓07'04		
	-10199 Jun 16 j 03:15	0°♈		
morning set	-10199 Jun 17 j 16:28	2°♈45'07		
superior conj	-10199 Jun 29 j 09:05	23°♈05'25	1°42'44	
minimum elong	-10199 Jun 29 j 12:44	23°♈20'50	1°42'43	
	-10199 Jul 03 j 12:28	0°♉		
max. Earth dist.	-10199 Jul 05 j 23:11	4°♉00'29	1.43010 AU	
evening rise	-10199 Jul 14 j 14:59	17°♉48'29		
desc. node	-10199 Jul 20 j 16:30	27°♉09'53		
	-10199 Jul 22 j 13:17	0°♊		
	-10199 Aug 13 j 11:41	0°♋		
evening max el	-10199 Aug 13 j 12:51	0°♋02'57	21°06'01	
retrograde	-10199 Aug 21 j 22:52	5°♋00'21		
evening set	-10199 Aug 26 j 00:04	3°♋27'46		
	-10199 Aug 29 j 07:58	30°℞♊		
asc. node	-10199 Aug 30 j 22:54	27°♊51'28		
inferior conj	-10199 Aug 31 j 08:17	27°♊19'28	0°07'36	
minimum elong	-10199 Aug 31 j 08:06	27°♊20'06	0°08'05	
transit middle	-10199 Aug 31 j 08:06	27°♊20'06	0°08'05	
transit begin	-10199 Aug 31 j 05:44	27°♊28'11		
transit end	-10199 Aug 31 j 10:27	27°♊12'02		
min. Earth dist.	-10199 Aug 31 j 20:11	26°♊38'49	0.66949 AU	
morning rise	-10199 Sep 05 j 15:59	20°♊59'52		
direct	-10199 Sep 10 j 19:13	18°♊50'02		
morning max el	-10199 Sep 21 j 14:12	25°♊18'03	23°53'17	
	-10199 Sep 25 j 20:12	0°♋		
desc. node	-10199 Oct 16 j 15:31	29°♋05'28		
	-10199 Oct 17 j 05:32	0°♌		
morning set	-10199 Oct 26 j 19:47	15°♌37'18		
max. Earth dist.	-10199 Oct 31 j 00:50	22°♌54'54	1.38934 AU	
	-10199 Nov 03 j 23:21	0°♍		
superior conj	-10199 Nov 07 j 07:08	6°♍10'44	-1°40'44	
minimum elong	-10199 Nov 07 j 05:59	6°♍05'18	1°40'25	
evening rise	-10199 Nov 16 j 05:19	23°♍25'29		
	-10199 Nov 19 j 15:07	0°♎		
asc. node	-10199 Nov 26 j 21:24	12°♎39'46		
evening max el	-10199 Dec 02 j 16:36	19°♎57'35	18°46'36	
retrograde	-10199 Dec 10 j 20:10	23°♎54'03		
evening set	-10199 Dec 13 j 08:12	23°♎33'13		
inferior conj	-10199 Dec 21 j 02:45	19°♎08'27	4°13'25	
minimum elong	-10199 Dec 21 j 04:01	19°♎06'05	4°13'14	
min. Earth dist.	-10199 Dec 24 j 07:00	16°♎47'47	0.58197 AU	
morning rise	-10199 Dec 28 j 21:53	14°♎00'50		
direct	-10198 Jan 03 j 18:34	12°♎37'23		
desc. node	-10198 Jan 12 j 16:53	15°♎41'29		
morning max el	-10198 Jan 17 j 20:53	19°♎53'38	25°54'26	
	-10198 Jan 26 j 12:24	0°♏		
	-10198 Feb 13 j 00:18	0°♐		
morning set	-10198 Feb 14 j 23:48	4°♐05'36		
superior conj	-10198 Feb 21 j 23:14	19°♐07'31	-0°08'16	
minimum elong	-10198 Feb 21 j 23:36	19°♐09'33	0°08'44	
behind sun begin	-10198 Feb 21 j 19:24	18°♐46'38		
behind sun end	-10198 Feb 22 j 03:48	19°♐32'27		
max. Earth dist.	-10198 Feb 22 j 13:48	20°♐26'54	1.32895 AU	
asc. node	-10198 Feb 22 j 19:28	20°♐57'47		
	-10198 Feb 27 j 00:17	0°♑		
evening rise	-10198 Mar 01 j 03:23	4°♑26'57		
	-10198 Mar 14 j 23:50	0°♒		
evening max el	-10198 Mar 31 j 19:54	22°♒01'16	26°57'29	
desc. node	-10198 Apr 10 j 16:37	28°♒43'09		
retrograde	-10198 Apr 14 j 21:21	29°♒28'15		
evening set	-10198 Apr 21 j 10:15	27°♒32'48		
min. Earth dist.	-10198 Apr 25 j 08:57	24°♒43'23	0.60614 AU	
inferior conj	-10198 Apr 28 j 16:17	21°♒52'37	-3°28'52	
minimum elong	-10198 Apr 28 j 14:28	21°♒56'33	3°29'07	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10198 May 05 j 20:52	17°♒05'06	
direct	-10198 May 08 j 09:40	16°♒39'17	
morning max el	-10198 May 15 j 11:19	20°♒07'31	18°09'07
asc. node	-10198 May 21 j 19:21	28°♒18'55	
	-10198 May 22 j 20:38	0°♓	
morning set	-10198 May 31 j 14:17	15°♓34'17	
	-10198 Jun 08 j 10:43	0°♈	
superior conj	-10198 Jun 10 j 19:41	4°♈14'49	1°49'49
minimum elong	-10198 Jun 10 j 19:51	4°♈15'36	1°49'49
max. Earth dist.	-10198 Jun 18 j 05:46	17°♈03'46	1.41413 AU
evening rise	-10198 Jun 24 j 02:27	26°♈42'41	
	-10198 Jun 26 j 03:44	0°♉	
desc. node	-10198 Jul 07 j 13:50	17°♉31'27	
	-10198 Jul 16 j 07:34	0°♊	
evening max el	-10198 Jul 27 j 05:54	13°♊24'12	22°22'50
retrograde	-10198 Aug 05 j 17:41	19°♊02'05	
evening set	-10198 Aug 10 j 08:21	17°♊08'40	
inferior conj	-10198 Aug 15 j 14:15	10°♊55'16	-0°42'57
minimum elong	-10198 Aug 15 j 15:09	10°♊52'09	0°42'04
min. Earth dist.	-10198 Aug 15 j 15:45	10°♊50'04	0.67221 AU
asc. node	-10198 Aug 17 j 19:55	7°♊54'43	
morning rise	-10198 Aug 20 j 21:51	4°♊37'41	
direct	-10198 Aug 25 j 11:09	2°♊47'00	
morning max el	-10198 Sep 04 j 02:24	8°♊34'12	22°28'53
	-10198 Sep 20 j 15:28	0°♋	
desc. node	-10198 Oct 03 j 12:23	19°♋30'11	
morning set	-10198 Oct 07 j 06:55	25°♋31'57	
	-10198 Oct 10 j 00:32	0°♌	
max. Earth dist.	-10198 Oct 13 j 00:41	5°♌00'51	1.40912 AU
superior conj	-10198 Oct 20 j 16:03	18°♌17'23	-1°30'10
minimum elong	-10198 Oct 20 j 12:41	18°♌02'18	1°29'29
	-10198 Oct 27 j 01:49	0°♍	
evening rise	-10198 Oct 30 j 17:35	6°♍50'27	
	-10198 Nov 13 j 11:10	0°♎	
asc. node	-10198 Nov 13 j 18:41	0°♎23'23	
evening max el	-10198 Nov 15 j 22:37	2°♎47'16	18°17'06
retrograde	-10198 Nov 23 j 04:55	6°♎25'51	
evening set	-10198 Nov 25 j 17:14	6°♎00'41	
inferior conj	-10198 Dec 02 j 22:48	1°♎14'38	4°11'25
minimum elong	-10198 Dec 02 j 20:57	1°♎18'36	4°11'19
	-10198 Dec 04 j 09:22	30°℞♍	
min. Earth dist.	-10198 Dec 06 j 03:18	28°♍31'28	0.60045 AU
morning rise	-10198 Dec 09 j 23:08	25°♍46'42	
direct	-10198 Dec 16 j 16:22	23°♍45'34	
	-10198 Dec 29 j 10:55	0°♎	
morning max el	-10198 Dec 30 j 17:36	1°♎11'18	26°59'49
desc. node	-10198 Dec 30 j 13:38	1°♎01'49	
	-10197 Jan 20 j 12:18	0°♏	
morning set	-10197 Jan 30 j 09:43	19°♏03'00	
	-10197 Feb 04 j 12:57	0°♐	
superior conj	-10197 Feb 06 j 11:05	4°♐11'32	-0°31'07
minimum elong	-10197 Feb 06 j 12:21	4°♐18'25	0°31'22
max. Earth dist.	-10197 Feb 06 j 03:24	3°♐29'34	1.32766 AU
asc. node	-10197 Feb 09 j 16:37	11°♐14'00	
evening rise	-10197 Feb 13 j 12:08	19°♐21'48	
	-10197 Feb 18 j 19:16	0°♑	
	-10197 Mar 10 j 08:22	0°♒	
evening max el	-10197 Mar 13 j 19:03	3°♒35'27	25°59'11
retrograde	-10197 Mar 27 j 22:00	10°♒53'06	
desc. node	-10197 Mar 28 j 13:49	10°♒52'02	
evening set	-10197 Apr 02 j 14:36	9°♒33'37	
min. Earth dist.	-10197 Apr 07 j 08:13	6°♒42'28	0.58624 AU
inferior conj	-10197 Apr 10 j 15:12	4°♒15'07	-2°54'12
minimum elong	-10197 Apr 10 j 11:31	4°♒22'02	2°54'00
	-10197 Apr 17 j 19:01	30°℞♑	
morning rise	-10197 Apr 18 j 11:32	29°♑47'46	
direct	-10197 Apr 20 j 20:28	29°♑28'47	
	-10197 Apr 23 j 19:33	0°♒	
morning max el	-10197 Apr 28 j 19:52	3°♒17'02	18°36'28
asc. node	-10197 May 08 j 16:12	17°♒09'53	
morning set	-10197 May 15 j 02:02	29°♒07'33	
	-10197 May 15 j 12:55	0°♓	
superior conj	-10197 May 24 j 05:05	16°♓34'11	1°45'02
minimum elong	-10197 May 24 j 03:01	16°♓24'32	1°44'45
max. Earth dist.	-10197 May 31 j 06:58	29°♓23'17	1.39557 AU
	-10197 May 31 j 15:21	0°♈	
evening rise	-10197 Jun 04 j 15:25	6°♈52'41	
	-10197 Jun 19 j 05:18	0°♉	
desc. node	-10197 Jun 24 j 11:13	7°♉37'27	
evening max el	-10197 Jul 09 j 17:50	26°♉44'52	23°44'43
	-10197 Jul 13 j 08:37	0°♊	
retrograde	-10197 Jul 20 j 09:37	3°♊03'51	
evening set	-10197 Jul 25 j 14:52	0°♊49'38	
	-10197 Jul 26 j 11:57	30°℞♉	
inferior conj	-10197 Jul 30 j 20:29	24°♉33'52	-1°30'17
minimum elong	-10197 Jul 30 j 22:16	24°♉27'43	1°29'12
min. Earth dist.	-10197 Jul 30 j 11:21	25°♉05'08	0.67195 AU
asc. node	-10197 Aug 04 j 16:52	18°♉47'53	
morning rise	-10197 Aug 05 j 05:37	18°♉21'50	
direct	-10197 Aug 09 j 06:38	16°♉49'29	
morning max el	-10197 Aug 17 j 19:36	21°♉54'44	21°09'20
	-10197 Aug 24 j 13:03	0°♊	
	-10197 Sep 13 j 23:17	0°♋	
morning set	-10197 Sep 16 j 18:05	4°♋20'05	
desc. node	-10197 Sep 20 j 09:18	10°♋04'18	
max. Earth dist.	-10197 Sep 25 j 06:06	17°♋54'34	1.42661 AU
superior conj	-10197 Oct 02 j 01:22	29°♋13'06	-1°06'55
minimum elong	-10197 Oct 01 j 20:35	28°♋52'51	1°05'53
	-10197 Oct 02 j 12:25	0°♌	
evening rise	-10197 Oct 13 j 16:32	19°♌34'38	
	-10197 Oct 19 j 13:17	0°♍	
evening max el	-10197 Oct 30 j 09:49	15°♍56'17	18°07'24
asc. node	-10197 Oct 31 j 15:56	17°♍05'48	
retrograde	-10197 Nov 06 j 04:04	19°♍28'08	
evening set	-10197 Nov 08 j 18:11	18°♍56'58	
inferior conj	-10197 Nov 15 j 12:00	13°♍49'57	3°46'35
minimum elong	-10197 Nov 15 j 08:34	13°♍58'21	3°46'11
min. Earth dist.	-10197 Nov 18 j 07:42	11°♍05'11	0.61891 AU
morning rise	-10197 Nov 21 j 21:51	8°♍05'36	
direct	-10197 Nov 28 j 23:35	5°♍35'55	
morning max el	-10197 Dec 12 j 20:30	13°♍07'33	27°32'37
desc. node	-10197 Dec 17 j 10:21	18°♍01'07	
	-10197 Dec 26 j 11:36	0°♎	
	-10196 Jan 12 j 18:44	0°♏	
morning set	-10196 Jan 14 j 15:21	3°♏45'03	
max. Earth dist.	-10196 Jan 20 j 14:49	16°♏21'21	1.32976 AU
superior conj	-10196 Jan 21 j 22:11	19°♏11'11	-0°52'26
minimum elong	-10196 Jan 22 j 00:06	19°♏21'39	0°52'30
	-10196 Jan 26 j 21:57	0°♐	
asc. node	-10196 Jan 27 j 13:48	1°♐24'41	
evening rise	-10196 Jan 28 j 22:59	4°♐20'16	
	-10196 Feb 11 j 21:11	0°♑	
evening max el	-10196 Feb 23 j 13:31	14°♑38'43	24°37'25
retrograde	-10196 Mar 08 j 11:12	21°♑36'41	
evening set	-10196 Mar 13 j 00:51	20°♑49'22	
desc. node	-10196 Mar 14 j 10:56	20°♑16'33	
min. Earth dist.	-10196 Mar 19 j 02:50	17°♑43'36	0.56894 AU
inferior conj	-10196 Mar 21 j 18:30	16°♑00'09	-1°48'15

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10196 Mar 21 j 14:48	16°♉06'12	1°47'48
morning rise	-10196 Mar 30 j 07:55	11°♉49'27	
direct	-10196 Apr 01 j 13:34	11°♉35'21	
morning max el	-10196 Apr 10 j 21:11	15°♉58'37	19°23'32
	-10196 Apr 21 j 00:12	0°♒	
asc. node	-10196 Apr 24 j 13:04	6°♒30'27	
morning set	-10196 Apr 27 j 23:50	13°♒14'51	
superior conj	-10196 May 06 j 07:40	29°♒47'33	1°32'03
minimum elong	-10196 May 06 j 04:44	29°♒33'12	1°31'24
	-10196 May 06 j 10:13	0°♓	
max. Earth dist.	-10196 May 12 j 07:37	11°♓11'41	1.37704 AU
evening rise	-10196 May 16 j 07:11	18°♓24'03	
	-10196 May 23 j 01:57	0°♈	
desc. node	-10196 Jun 10 j 08:39	27°♈20'19	
	-10196 Jun 12 j 09:29	0°♉	
evening max el	-10196 Jun 21 j 03:43	10°♉07'27	25°04'21
retrograde	-10196 Jul 02 j 21:34	17°♉00'47	
evening set	-10196 Jul 08 j 17:39	14°♉28'24	
min. Earth dist.	-10196 Jul 13 j 04:33	9°♉21'19	0.66850 AU
inferior conj	-10196 Jul 14 j 01:12	8°♉12'50	-2°13'00
minimum elong	-10196 Jul 14 j 03:35	8°♉04'53	2°11'57
morning rise	-10196 Jul 19 j 13:30	2°♉09'45	
asc. node	-10196 Jul 21 j 13:44	1°♉08'41	
direct	-10196 Jul 23 j 04:13	0°♉53'56	
morning max el	-10196 Jul 30 j 19:12	5°♉21'12	20°00'12
	-10196 Aug 17 j 13:49	0°♊	
morning set	-10196 Aug 25 j 20:01	12°♊45'02	
	-10196 Sep 05 j 19:21	0°♋	
desc. node	-10196 Sep 06 j 06:18	0°♋43'38	
max. Earth dist.	-10196 Sep 06 j 17:52	1°♋29'46	1.43938 AU
superior conj	-10196 Sep 11 j 06:58	8°♋48'31	-0°30'14
minimum elong	-10196 Sep 11 j 03:47	8°♋35'36	0°29'15
	-10196 Sep 24 j 00:56	0°♌	
evening rise	-10196 Sep 24 j 21:12	1°♌26'11	
evening max el	-10196 Oct 12 j 23:11	29°♌17'09	18°16'34
	-10196 Oct 13 j 16:46	0°♍	
asc. node	-10196 Oct 17 j 13:09	2°♍30'43	
retrograde	-10196 Oct 19 j 13:35	2°♍52'06	
evening set	-10196 Oct 22 j 07:25	2°♍12'45	
	-10196 Oct 25 j 11:07	30°℞♌	
inferior conj	-10196 Oct 28 j 14:54	26°♌46'42	3°07'41
minimum elong	-10196 Oct 28 j 11:13	26°♌56'45	3°07'06
min. Earth dist.	-10196 Oct 30 j 21:49	24°♌16'59	0.63540 AU
morning rise	-10196 Nov 03 j 14:17	20°♌48'53	
direct	-10196 Nov 10 j 14:10	18°♌04'56	
morning max el	-10196 Nov 24 j 04:02	25°♌38'44	27°30'30
	-10196 Nov 28 j 06:22	0°♍	
desc. node	-10196 Dec 03 j 07:01	6°♍10'53	
	-10196 Dec 18 j 21:39	0°♎	
morning set	-10196 Dec 28 j 14:15	18°♎03'04	
max. Earth dist.	-10195 Jan 02 j 20:26	28°♎50'20	1.33559 AU
	-10195 Jan 03 j 09:39	0°♏	
superior conj	-10195 Jan 05 j 06:46	4°♏00'04	-1°11'22
minimum elong	-10195 Jan 05 j 09:02	4°♏12'10	1°11'20
evening rise	-10195 Jan 12 j 10:13	19°♏16'07	
asc. node	-10195 Jan 13 j 11:02	21°♏25'20	
	-10195 Jan 17 j 18:04	0°♐	
evening max el	-10195 Feb 04 j 06:59	25°♐29'49	23°04'21
	-10195 Feb 10 j 08:53	0°♑	
retrograde	-10195 Feb 17 j 11:25	1°♑53'59	
evening set	-10195 Feb 21 j 00:00	1°♑26'53	
	-10195 Feb 24 j 22:06	30°℞♐	
min. Earth dist.	-10195 Feb 28 j 18:39	27°♐55'29	0.55742 AU
desc. node	-10195 Mar 01 j 07:58	27°♐36'03	
inferior conj	-10195 Mar 02 j 03:18	27°♐07'42	-0°12'35
minimum elong	-10195 Mar 02 j 02:44	27°♐08'31	0°12'59
transit middle	-10195 Mar 02 j 02:44	27°♐08'31	0°12'59
transit begin	-10195 Mar 02 j 00:25	27°♐11'54	
transit end	-10195 Mar 02 j 05:02	27°♐05'08	
morning rise	-10195 Mar 11 j 07:20	23°♐05'29	
direct	-10195 Mar 13 j 13:57	22°♐52'54	
morning max el	-10195 Mar 24 j 12:37	28°♐03'39	20°30'16
	-10195 Mar 26 j 10:09	0°♑	
asc. node	-10195 Apr 11 j 09:59	26°♑13'37	
morning set	-10195 Apr 12 j 04:41	27°♑48'23	
	-10195 Apr 13 j 06:28	0°♒	
superior conj	-10195 Apr 19 j 22:46	13°♒42'16	1°13'45
minimum elong	-10195 Apr 19 j 19:56	13°♒27'52	1°12'53
max. Earth dist.	-10195 Apr 24 j 14:17	22°♒56'38	1.36057 AU
	-10195 Apr 28 j 07:06	0°♓	
evening rise	-10195 Apr 28 j 20:51	1°♓04'00	
	-10195 May 16 j 03:52	0°♈	
desc. node	-10195 May 28 j 06:04	16°♈30'31	
evening max el	-10195 Jun 03 j 13:58	23°♈31'36	26°13'02
	-10195 Jun 12 j 10:20	0°♉	
retrograde	-10195 Jun 16 j 04:56	0°♉48'08	
	-10195 Jun 19 j 17:08	30°℞♈	
evening set	-10195 Jun 22 j 14:33	28°♈03'24	
min. Earth dist.	-10195 Jun 26 j 16:58	23°♈35'41	0.66149 AU
inferior conj	-10195 Jun 28 j 02:31	21°♈50'18	-2°49'30
minimum elong	-10195 Jun 28 j 05:07	21°♈42'10	2°48'42
morning rise	-10195 Jul 03 j 19:45	15°♈59'26	
direct	-10195 Jul 07 j 02:11	14°♈57'59	
asc. node	-10195 Jul 08 j 10:35	15°♈08'07	
morning max el	-10195 Jul 14 j 01:12	18°♈54'48	19°05'10
	-10195 Jul 22 j 12:13	0°♉	
morning set	-10195 Aug 05 j 09:26	21°♉44'38	
	-10195 Aug 10 j 14:26	0°♊	
max. Earth dist.	-10195 Aug 20 j 10:10	15°♊31'33	1.44572 AU
superior conj	-10195 Aug 21 j 13:03	17°♊17'59	0°15'39
minimum elong	-10195 Aug 21 j 15:04	17°♊25'56	0°15'58
behind sun begin	-10195 Aug 21 j 12:33	17°♊16'00	
behind sun end	-10195 Aug 21 j 17:34	17°♊35'52	
desc. node	-10195 Aug 24 j 03:25	21°♊25'10	
	-10195 Aug 29 j 12:34	0°♋	
evening rise	-10195 Sep 06 j 02:15	12°♋12'46	
	-10195 Sep 17 j 03:10	0°♌	
evening max el	-10195 Sep 26 j 11:52	12°♌44'25	18°43'35
retrograde	-10195 Oct 03 j 05:50	16°♌31'29	
asc. node	-10195 Oct 04 j 10:20	16°♌23'31	
evening set	-10195 Oct 06 j 05:30	15°♌41'16	
inferior conj	-10195 Oct 12 j 04:13	9°♌59'10	2°20'48
minimum elong	-10195 Oct 12 j 01:09	10°♌08'21	2°20'16
min. Earth dist.	-10195 Oct 13 j 21:49	7°♌54'46	0.64893 AU
morning rise	-10195 Oct 17 j 20:18	3°♌50'39	
direct	-10195 Oct 24 j 11:13	1°♌05'51	
morning max el	-10195 Nov 06 j 13:56	8°♌35'49	26°56'28
desc. node	-10195 Nov 20 j 03:41	25°♌10'48	
	-10195 Nov 23 j 11:22	0°♍	
	-10195 Dec 11 j 04:53	0°♎	
morning set	-10195 Dec 12 j 03:13	1°♎46'42	
max. Earth dist.	-10195 Dec 16 j 16:59	10°♎48'32	1.34563 AU
superior conj	-10195 Dec 20 j 10:51	18°♎31'02	-1°26'54
minimum elong	-10195 Dec 20 j 12:59	18°♎42'12	1°26'50
	-10195 Dec 25 j 21:43	0°♏	
evening rise	-10195 Dec 27 j 20:13	4°♏03'12	
asc. node	-10195 Dec 31 j 08:19	11°♏10'17	
	-10194 Jan 11 j 11:56	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10194 Jan 17 j 04:38	6°♐31'06	21°33'02
retrograde	-10194 Jan 29 j 02:41	12°♐10'05	
evening set	-10194 Jan 31 j 23:11	11°♐51'39	
inferior conj	-10194 Feb 10 j 01:00	7°♐50'23	1°35'17
minimum elong	-10194 Feb 10 j 04:59	7°♐44'43	1°33'31
min. Earth dist.	-10194 Feb 10 j 08:51	7°♐39'14	0.55405 AU
desc. node	-10194 Feb 16 j 04:54	4°♐41'22	
morning rise	-10194 Feb 19 j 10:39	3°♐42'16	
direct	-10194 Feb 22 j 04:37	3°♐25'28	
morning max el	-10194 Mar 06 j 16:50	9°♐27'26	21°54'37
	-10194 Mar 21 j 04:00	0°♑	
morning set	-10194 Mar 27 j 14:04	12°♑39'21	
asc. node	-10194 Mar 29 j 06:58	16°♑12'31	
superior conj	-10194 Apr 03 j 22:40	28°♑06'25	0°52'15
minimum elong	-10194 Apr 03 j 20:30	27°♑55'02	0°51'20
	-10194 Apr 04 j 20:28	0°♒	
max. Earth dist.	-10194 Apr 07 j 06:32	4°♒58'45	1.34723 AU
evening rise	-10194 Apr 12 j 02:40	14°♒35'01	
	-10194 Apr 20 j 13:15	0°♓	
	-10194 May 10 j 20:07	0°♈	
desc. node	-10194 May 15 j 03:27	4°♈53'54	
evening max el	-10194 May 17 j 00:48	6°♈49'27	27°02'31
retrograde	-10194 May 30 j 07:12	14°♈18'35	
evening set	-10194 Jun 06 j 03:00	11°♈31'03	
min. Earth dist.	-10194 Jun 09 j 22:26	7°♈41'36	0.65053 AU
inferior conj	-10194 Jun 11 j 22:16	5°♈22'36	-3°17'47
minimum elong	-10194 Jun 12 j 00:30	5°♈16'05	3°17'26
morning rise	-10194 Jun 17 j 22:22	29°♓46'47	
	-10194 Jun 17 j 13:09	30°℞♓	
direct	-10194 Jun 20 j 22:16	28°♓57'35	
	-10194 Jun 24 j 08:40	0°♈	
asc. node	-10194 Jun 25 j 07:27	0°♈37'39	
morning max el	-10194 Jun 27 j 12:09	2°♈33'09	18°26'23
	-10194 Jul 15 j 19:48	0°♉	
morning set	-10194 Jul 16 j 22:36	1°♉50'41	
superior conj	-10194 Jul 31 j 13:27	25°♉33'30	0°59'58
minimum elong	-10194 Jul 31 j 19:44	25°♉58'29	0°59'43
max. Earth dist.	-10194 Aug 03 j 03:18	29°♉39'09	1.44487 AU
	-10194 Aug 03 j 08:34	0°♊	
desc. node	-10194 Aug 11 j 00:38	12°♊05'47	
evening rise	-10194 Aug 17 j 04:24	21°♊45'52	
	-10194 Aug 22 j 10:36	0°♋	
greatest brilliancy	-10194 Aug 27 j 07:05	7°♋32'08	-0.8m
evening max el	-10194 Sep 09 j 21:10	26°♋13'23	19°27'21
	-10194 Sep 15 j 02:19	0°♌	
retrograde	-10194 Sep 17 j 01:41	0°♌21'22	
	-10194 Sep 18 j 23:47	30°℞♋	
evening set	-10194 Sep 20 j 09:26	29°♋17'14	
asc. node	-10194 Sep 21 j 07:28	28°♋37'18	
inferior conj	-10194 Sep 26 j 01:05	23°♋22'27	1°29'52
minimum elong	-10194 Sep 25 j 23:03	23°♋29'00	1°29'39
min. Earth dist.	-10194 Sep 27 j 06:22	21°♋48'38	0.65926 AU
morning rise	-10194 Oct 01 j 12:21	17°♋06'35	
direct	-10194 Oct 07 j 14:21	14°♋30'50	
morning max el	-10194 Oct 20 j 00:06	21°♋47'04	25°57'09
	-10194 Oct 27 j 06:10	0°♌	
desc. node	-10194 Nov 07 j 00:25	14°♌46'22	
	-10194 Nov 16 j 16:22	0°♍	
morning set	-10194 Nov 25 j 02:09	14°♍44'01	
max. Earth dist.	-10194 Nov 29 j 02:35	22°♍17'53	1.35996 AU
	-10194 Dec 03 j 00:45	0°♎	
superior conj	-10194 Dec 04 j 07:53	2°♎36'26	-1°37'43
minimum elong	-10194 Dec 04 j 09:18	2°♎43'35	1°37'36
evening rise	-10194 Dec 12 j 03:12	18°♎35'57	
	-10194 Dec 17 j 22:26	0°♏	
asc. node	-10194 Dec 18 j 05:37	0°♏33'12	
evening max el	-10194 Dec 30 j 10:59	18°♏01'15	20°13'55
retrograde	-10193 Jan 09 j 19:19	22°♏52'51	
evening set	-10193 Jan 12 j 09:05	22°♏36'06	
inferior conj	-10193 Jan 21 j 00:55	18°♏35'37	3°06'11
minimum elong	-10193 Jan 21 j 06:36	18°♏27'00	3°04'29
min. Earth dist.	-10193 Jan 22 j 22:35	17°♏26'40	0.55950 AU
morning rise	-10193 Jan 30 j 02:17	14°♏06'29	
direct	-10193 Feb 02 j 21:39	13°♏34'30	
desc. node	-10193 Feb 03 j 01:47	13°♏34'34	
morning max el	-10193 Feb 16 j 11:43	20°♏18'35	23°30'14
	-10193 Feb 24 j 15:03	0°♐	
morning set	-10193 Mar 12 j 01:55	27°♐40'40	
	-10193 Mar 13 j 04:25	0°♑	
asc. node	-10193 Mar 16 j 04:02	6°♑22'00	
superior conj	-10193 Mar 19 j 04:32	12°♑50'57	0°29'04
minimum elong	-10193 Mar 19 j 03:19	12°♑44'22	0°28'15
max. Earth dist.	-10193 Mar 21 j 08:20	17°♑26'14	1.33743 AU
evening rise	-10193 Mar 26 j 20:02	28°♑42'57	
	-10193 Mar 27 j 11:34	0°♒	
	-10193 Apr 13 j 17:19	0°♓	
evening max el	-10193 Apr 29 j 11:01	19°♓50'32	27°25'38
desc. node	-10193 May 02 j 00:48	22°♓11'00	
retrograde	-10193 May 13 j 03:59	27°♓23'43	
evening set	-10193 May 20 j 03:54	24°♓46'13	
min. Earth dist.	-10193 May 23 j 19:23	21°♓29'12	0.63560 AU
inferior conj	-10193 May 26 j 09:47	18°♓45'03	-3°35'02
minimum elong	-10193 May 26 j 10:59	18°♓41'54	3°35'08
morning rise	-10193 Jun 01 j 18:56	13°♓26'38	
direct	-10193 Jun 04 j 13:47	12°♓47'44	
morning max el	-10193 Jun 11 j 01:48	16°♓11'59	18°05'06
asc. node	-10193 Jun 12 j 04:19	17°♓22'06	
	-10193 Jun 20 j 21:03	0°♈	
morning set	-10193 Jun 28 j 12:58	13°♈07'12	
	-10193 Jul 08 j 10:58	0°♉	
superior conj	-10193 Jul 11 j 06:02	4°♉37'38	1°31'48
minimum elong	-10193 Jul 11 j 11:36	5°♉00'32	1°31'40
max. Earth dist.	-10193 Jul 16 j 17:44	13°♉32'42	1.43718 AU
evening rise	-10193 Jul 27 j 09:08	0°♊19'37	
	-10193 Jul 27 j 04:05	0°♊	
desc. node	-10193 Jul 28 j 21:54	2°♊41'57	
	-10193 Aug 16 j 05:23	0°♋	
evening max el	-10193 Aug 24 j 00:51	9°♋40'04	20°26'16
retrograde	-10193 Aug 31 j 22:32	14°♋17'29	
evening set	-10193 Sep 04 j 16:39	12°♋56'16	
asc. node	-10193 Sep 08 j 04:35	9°♋24'01	
inferior conj	-10193 Sep 10 j 03:04	6°♋52'04	0°37'32
minimum elong	-10193 Sep 10 j 02:13	6°♋54'57	0°37'46
min. Earth dist.	-10193 Sep 10 j 21:09	5°♋51'20	0.66659 AU
morning rise	-10193 Sep 15 j 11:32	0°♋32'32	
	-10193 Sep 16 j 03:28	30°℞♊	
direct	-10193 Sep 20 j 23:06	28°♊12'06	
	-10193 Sep 26 j 08:42	0°♋	
morning max el	-10193 Oct 02 j 09:38	5°♋01'31	24°40'57
	-10193 Oct 21 j 17:17	0°♌	
desc. node	-10193 Oct 24 j 21:11	4°♌46'23	
morning set	-10193 Nov 07 j 05:40	26°♌39'18	
	-10193 Nov 09 j 03:06	0°♍	
max. Earth dist.	-10193 Nov 11 j 02:59	3°♍35'45	1.37796 AU
superior conj	-10193 Nov 17 j 18:30	16°♍05'36	-1°42'03
minimum elong	-10193 Nov 17 j 18:29	16°♍05'31	1°41'50
	-10193 Nov 24 j 19:22	0°♎	
evening rise	-10193 Nov 26 j 04:59	2°♎47'23	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10193 Dec 05 j 02:55	19°♎25'39	
evening max el	-10193 Dec 13 j 03:39	0°♏05'51	19°12'45
	-10193 Dec 13 j 01:12	0°♏	
retrograde	-10193 Dec 22 j 00:04	4°♏18'19	
evening set	-10193 Dec 24 j 12:15	3°♏59'33	
	-10192 Jan 01 j 06:44	30°℞♎	
inferior conj	-10192 Jan 01 j 14:44	29°♎46'21	4°00'08
minimum elong	-10192 Jan 01 j 18:06	29°♎40'34	3°59'30
min. Earth dist.	-10192 Jan 04 j 12:50	27°♎47'10	0.57236 AU
morning rise	-10192 Jan 09 j 21:42	24°♎51'48	
direct	-10192 Jan 15 j 01:42	23°♎49'43	
desc. node	-10192 Jan 20 j 22:36	25°♎09'41	
	-10192 Jan 28 j 01:08	0°♏	
morning max el	-10192 Jan 29 j 02:29	0°♏58'50	25°05'32
	-10192 Feb 18 j 05:16	0°♐	
morning set	-10192 Feb 24 j 14:25	12°♐45'37	
asc. node	-10192 Mar 02 j 01:07	26°♐37'24	
superior conj	-10192 Mar 02 j 14:10	27°♐48'15	0°05'20
minimum elong	-10192 Mar 02 j 13:57	27°♐47'08	0°04'43
behind sun begin	-10192 Mar 02 j 09:06	27°♐20'48	
behind sun end	-10192 Mar 02 j 18:48	28°♐13'27	
max. Earth dist.	-10192 Mar 03 j 17:29	0°♑16'14	1.33106 AU
	-10192 Mar 03 j 14:29	0°♑	
evening rise	-10192 Mar 09 j 21:25	13°♑16'25	
	-10192 Mar 18 j 15:18	0°♒	
	-10192 Apr 08 j 10:01	0°♓	
evening max el	-10192 Apr 10 j 18:36	2°♓24'07	27°17'24
desc. node	-10192 Apr 17 j 22:06	7°♓55'07	
retrograde	-10192 Apr 24 j 18:11	9°♓54'47	
evening set	-10192 May 01 j 13:46	7°♓41'04	
min. Earth dist.	-10192 May 05 j 07:17	4°♓45'27	0.61739 AU
inferior conj	-10192 May 08 j 09:57	1°♓51'22	-3°37'01
minimum elong	-10192 May 08 j 09:23	1°♓52'43	3°37'20
	-10192 May 10 j 11:02	30°℞♒	
morning rise	-10192 May 15 j 06:38	26°♒52'02	
direct	-10192 May 17 j 21:26	26°♒21'52	
morning max el	-10192 May 24 j 15:38	29°♒45'33	18°02'13
	-10192 May 24 j 21:29	0°♓	
asc. node	-10192 May 29 j 01:10	5°♓06'01	
morning set	-10192 Jun 10 j 00:48	25°♓26'14	
	-10192 Jun 12 j 13:23	0°♈	
superior conj	-10192 Jun 21 j 01:19	15°♈01'04	1°47'26
minimum elong	-10192 Jun 21 j 03:24	15°♈10'05	1°47'28
max. Earth dist.	-10192 Jun 28 j 03:25	26°♈57'45	1.42375 AU
	-10192 Jun 29 j 23:55	0°♉	
evening rise	-10192 Jul 05 j 11:46	8°♉48'34	
desc. node	-10192 Jul 14 j 19:15	23°♉10'23	
	-10192 Jul 19 j 09:18	0°♊	
evening max el	-10192 Aug 05 j 21:51	23°♊03'58	21°37'41
retrograde	-10192 Aug 14 j 18:28	28°♊18'04	
evening set	-10192 Aug 19 j 01:06	26°♊37'02	
inferior conj	-10192 Aug 24 j 08:07	20°♊26'23	-0°14'08
minimum elong	-10192 Aug 24 j 08:25	20°♊25'22	0°13'27
transit middle	-10192 Aug 24 j 08:25	20°♊25'22	0°13'27
transit begin	-10192 Aug 24 j 06:52	20°♊30'42	
transit end	-10192 Aug 24 j 09:58	20°♊20'03	
min. Earth dist.	-10192 Aug 24 j 15:41	20°♊00'22	0.67105 AU
asc. node	-10192 Aug 25 j 01:38	19°♊26'13	
morning rise	-10192 Aug 29 j 15:35	14°♊07'01	
direct	-10192 Sep 03 j 12:49	12°♊05'02	
morning max el	-10192 Sep 13 j 19:56	18°♊16'20	23°17'04
	-10192 Sep 23 j 13:56	0°♋	
desc. node	-10192 Oct 10 j 18:01	25°♋03'47	
	-10192 Oct 13 j 20:46	0°♌	
morning set	-10192 Oct 18 j 08:23	7°♌19'15	
max. Earth dist.	-10192 Oct 23 j 00:47	15°♌15'44	1.39793 AU
superior conj	-10192 Oct 30 j 14:23	28°♌46'50	-1°37'39
minimum elong	-10192 Oct 30 j 12:17	28°♌37'11	1°37'12
	-10192 Oct 31 j 06:13	0°♍	
evening rise	-10192 Nov 08 j 23:03	16°♍31'19	
	-10192 Nov 16 j 05:06	0°♎	
asc. node	-10192 Nov 21 j 00:12	7°♎37'50	
evening max el	-10192 Nov 25 j 05:32	12°♎41'28	18°31'34
retrograde	-10192 Dec 02 j 22:36	16°♎28'15	
evening set	-10192 Dec 05 j 10:46	16°♎05'39	
inferior conj	-10192 Dec 12 j 23:41	11°♎32'11	4°15'58
minimum elong	-10192 Dec 12 j 23:28	11°♎32'36	4°15'55
min. Earth dist.	-10192 Dec 16 j 05:42	8°♎59'13	0.58977 AU
morning rise	-10192 Dec 20 j 10:23	6°♎15'39	
direct	-10192 Dec 26 j 17:38	4°♎35'20	
desc. node	-10191 Jan 06 j 19:22	9°♎17'11	
morning max el	-10191 Jan 09 j 19:32	11°♎55'57	26°25'44
	-10191 Jan 23 j 23:03	0°♏	
morning set	-10191 Feb 08 j 01:46	27°♏47'29	
	-10191 Feb 09 j 02:58	0°♐	
superior conj	-10191 Feb 15 j 01:39	12°♐51'22	-0°18'06
minimum elong	-10191 Feb 15 j 02:25	12°♐55'35	0°18'29
max. Earth dist.	-10191 Feb 15 j 06:34	13°♐18'16	1.32800 AU
asc. node	-10191 Feb 16 j 22:13	16°♐54'23	
evening rise	-10191 Feb 22 j 04:06	28°♐05'47	
	-10191 Feb 23 j 02:15	0°♑	
	-10191 Mar 12 j 03:06	0°♒	
evening max el	-10191 Mar 23 j 21:18	14°♒20'51	26°36'21
desc. node	-10191 Apr 04 j 19:21	21°♒31'57	
retrograde	-10191 Apr 07 j 00:00	21°♒44'08	
evening set	-10191 Apr 13 j 05:17	20°♒04'09	
min. Earth dist.	-10191 Apr 17 j 10:36	17°♒15'35	0.59750 AU
inferior conj	-10191 Apr 20 j 19:06	14°♒32'20	-3°17'44
minimum elong	-10191 Apr 20 j 16:24	14°♒37'52	3°17'50
morning rise	-10191 Apr 28 j 06:02	9°♒53'10	
direct	-10191 Apr 30 j 17:14	9°♒30'23	
morning max el	-10191 May 08 j 02:49	13°♒05'35	18°18'22
asc. node	-10191 May 15 j 21:59	23°♒35'21	
	-10191 May 19 j 14:13	0°♓	
morning set	-10191 May 24 j 05:04	8°♓35'20	
superior conj	-10191 Jun 02 j 22:13	26°♓41'21	1°49'02
minimum elong	-10191 Jun 02 j 21:15	26°♓37'00	1°48'54
	-10191 Jun 04 j 18:20	0°♈	
max. Earth dist.	-10191 Jun 10 j 07:39	9°♈42'56	1.40640 AU
evening rise	-10191 Jun 15 j 09:10	18°♈12'06	
	-10191 Jun 22 j 18:23	0°♉	
desc. node	-10191 Jul 01 j 16:38	13°♉26'04	
	-10191 Jul 13 j 20:43	0°♊	
evening max el	-10191 Jul 19 j 12:34	6°♊25'08	22°57'27
retrograde	-10191 Jul 29 j 12:02	12°♊20'09	
evening set	-10191 Aug 03 j 08:51	10°♊17'49	
inferior conj	-10191 Aug 08 j 14:24	4°♊03'22	-1°03'30
minimum elong	-10191 Aug 08 j 15:42	3°♊58'51	1°02'29
min. Earth dist.	-10191 Aug 08 j 11:29	4°♊13'24	0.67256 AU
asc. node	-10191 Aug 11 j 22:36	29°♉44'06	
	-10191 Aug 11 j 17:02	30°℞♉	
morning rise	-10191 Aug 13 j 22:28	27°♉47'51	
direct	-10191 Aug 18 j 06:26	26°♉04'57	
	-10191 Aug 25 j 19:26	0°♊	
morning max el	-10191 Aug 27 j 09:51	1°♊33'28	21°54'02
	-10191 Sep 17 j 12:55	0°♋	
desc. node	-10191 Sep 27 j 14:55	15°♋33'06	
morning set	-10191 Sep 28 j 08:18	16°♋42'11	
max. Earth dist.	-10191 Oct 05 j 03:01	27°♋43'16	1.41710 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10191 Oct 06 j 11:48	0°♌	
superior conj	-10191 Oct 12 j 14:01	10°♌25'33	-1°21'57
minimum elong	-10191 Oct 12 j 09:49	10°♌07'16	1°21'07
evening rise	-10191 Oct 23 j 06:10	29°♌40'22	
	-10191 Oct 23 j 10:26	0°♍	
asc. node	-10191 Nov 07 j 21:28	24°♍57'30	
evening max el	-10191 Nov 08 j 14:09	25°♍40'38	18°10'32
retrograde	-10191 Nov 15 j 14:04	29°♍14'56	
evening set	-10191 Nov 18 j 03:04	28°♍47'18	
inferior conj	-10191 Nov 25 j 03:26	23°♍51'50	4°03'03
minimum elong	-10191 Nov 25 j 00:43	23°♍58'01	4°02'51
min. Earth dist.	-10191 Nov 28 j 04:50	21°♍05'57	0.60851 AU
morning rise	-10191 Dec 01 j 21:06	18°♍16'49	
direct	-10191 Dec 08 j 19:25	16°♍02'14	
morning max el	-10191 Dec 22 j 18:52	23°♍29'48	27°18'06
desc. node	-10191 Dec 24 j 16:04	25°♍23'48	
	-10191 Dec 28 j 17:06	0°♎	
	-10190 Jan 16 j 23:59	0°♏	
morning set	-10190 Jan 23 j 10:08	12°♏39'42	
max. Earth dist.	-10190 Jan 29 j 19:55	26°♏19'21	1.32817 AU
superior conj	-10190 Jan 30 j 13:23	27°♏54'32	-0°40'23
minimum elong	-10190 Jan 30 j 14:57	28°♏03'08	0°40'34
	-10190 Jan 31 j 12:22	0°♐	
asc. node	-10190 Feb 03 j 19:22	7°♐09'04	
evening rise	-10190 Feb 06 j 14:00	13°♐03'35	
	-10190 Feb 15 j 06:19	0°♑	
evening max el	-10190 Mar 05 j 18:15	25°♑40'33	25°26'38
	-10190 Mar 11 j 04:05	0°♒	
retrograde	-10190 Mar 19 j 19:36	2°♒50'44	
desc. node	-10190 Mar 22 j 16:29	2°♒31'04	
evening set	-10190 Mar 25 j 01:26	1°♒45'54	
	-10190 Mar 28 j 12:01	30°℞♑	
min. Earth dist.	-10190 Mar 30 j 07:18	28°♑50'11	0.57841 AU
inferior conj	-10190 Apr 02 j 09:51	26°♑39'34	-2°30'15
minimum elong	-10190 Apr 02 j 05:49	26°♑46'41	2°29'51
morning rise	-10190 Apr 10 j 13:24	22°♑19'57	
direct	-10190 Apr 12 j 21:00	22°♑03'12	
morning max el	-10190 Apr 21 j 08:35	26°♑04'07	18°54'06
	-10190 Apr 24 j 20:36	0°♒	
asc. node	-10190 May 02 j 18:50	12°♒39'52	
morning set	-10190 May 07 j 21:30	22°♒24'12	
	-10190 May 11 j 18:34	0°♓	
superior conj	-10190 May 16 j 15:34	9°♓25'20	1°40'21
minimum elong	-10190 May 16 j 12:59	9°♓13'02	1°39'54
max. Earth dist.	-10190 May 23 j 08:17	21°♓48'09	1.38755 AU
evening rise	-10190 May 27 j 09:52	28°♓56'59	
	-10190 May 28 j 00:32	0°♈	
	-10190 Jun 16 j 04:08	0°♉	
desc. node	-10190 Jun 18 j 14:03	3°♉23'02	
evening max el	-10190 Jul 01 j 23:14	19°♉46'04	24°19'19
retrograde	-10190 Jul 13 j 02:17	26°♉20'24	
evening set	-10190 Jul 18 j 14:02	23°♉57'43	
inferior conj	-10190 Jul 23 j 20:11	17°♉41'50	-1°49'04
minimum elong	-10190 Jul 23 j 22:16	17°♉34'45	1°47'58
min. Earth dist.	-10190 Jul 23 j 06:14	18°♉29'06	0.67093 AU
morning rise	-10190 Jul 29 j 06:29	11°♉33'31	
asc. node	-10190 Jul 29 j 19:31	11°♉11'06	
direct	-10190 Aug 02 j 02:53	10°♉08'33	
morning max el	-10190 Aug 10 j 05:46	14°♉56'29	20°38'28
	-10190 Aug 21 j 20:42	0°♊	
morning set	-10190 Sep 07 j 13:10	25°♊14'01	
	-10190 Sep 10 j 14:21	0°♋	
desc. node	-10190 Sep 14 j 11:53	6°♋09'57	
max. Earth dist.	-10190 Sep 17 j 11:52	10°♋58'31	1.43275 AU
superior conj	-10190 Sep 23 j 11:45	20°♋47'22	-0°52'54
minimum elong	-10190 Sep 23 j 07:09	20°♋28'16	0°51'49
	-10190 Sep 28 j 22:56	0°♌	
evening rise	-10190 Oct 05 j 22:03	12°♌04'18	
	-10190 Oct 16 j 10:07	0°♍	
evening max el	-10190 Oct 23 j 02:35	8°♍55'26	18°08'58
asc. node	-10190 Oct 25 j 18:43	11°♍09'17	
retrograde	-10190 Oct 29 j 18:20	12°♍27'49	
evening set	-10190 Nov 01 j 09:44	11°♍53'29	
inferior conj	-10190 Nov 07 j 22:56	6°♍37'46	3°31'24
minimum elong	-10190 Nov 07 j 19:16	6°♍47'13	3°30'54
min. Earth dist.	-10190 Nov 10 j 13:18	3°♍57'52	0.62621 AU
morning rise	-10190 Nov 14 j 03:52	0°♍47'07	
	-10190 Nov 15 j 07:33	30°℞♌	
direct	-10190 Nov 21 j 05:40	28°♌09'55	
	-10190 Nov 27 j 14:43	0°♍	
morning max el	-10190 Dec 05 j 00:18	5°♍43'05	27°36'00
desc. node	-10190 Dec 11 j 12:44	12°♍56'13	
	-10190 Dec 23 j 12:45	0°♎	
morning set	-10189 Jan 07 j 13:16	27°♎13'02	
	-10189 Jan 08 j 22:01	0°♏	
max. Earth dist.	-10189 Jan 13 j 05:32	9°♏04'00	1.33180 AU
superior conj	-10189 Jan 14 j 23:38	12°♏50'25	-1°00'49
minimum elong	-10189 Jan 15 j 01:45	13°♏01'51	1°00'50
asc. node	-10189 Jan 21 j 16:34	27°♏16'11	
evening rise	-10189 Jan 22 j 01:13	28°♏01'46	
	-10189 Jan 22 j 23:52	0°♐	
	-10189 Feb 09 j 13:43	0°♑	
evening max el	-10189 Feb 15 j 11:26	6°♑34'50	23°58'15
retrograde	-10189 Mar 01 j 03:25	13°♑20'49	
evening set	-10189 Mar 05 j 05:46	12°♑43'30	
desc. node	-10189 Mar 09 j 13:31	10°♑52'56	
min. Earth dist.	-10189 Mar 12 j 00:16	9°♑28'20	0.56318 AU
inferior conj	-10189 Mar 14 j 04:43	8°♑07'23	-1°10'38
minimum elong	-10189 Mar 14 j 01:58	8°♑11'39	1°10'23
morning rise	-10189 Mar 23 j 01:04	4°♑02'09	
direct	-10189 Mar 25 j 06:15	3°♑49'16	
morning max el	-10189 Apr 04 j 06:02	8°♑31'09	19°49'41
	-10189 Apr 18 j 12:52	0°♒	
asc. node	-10189 Apr 19 j 15:44	2°♒10'40	
morning set	-10189 Apr 21 j 22:35	6°♒43'18	
superior conj	-10189 Apr 30 j 00:00	22°♒57'51	1°24'47
minimum elong	-10189 Apr 29 j 21:01	22°♒43'00	1°24'03
	-10189 May 03 j 14:22	0°♓	
max. Earth dist.	-10189 May 05 j 10:31	3°♓30'24	1.36963 AU
evening rise	-10189 May 09 j 11:36	10°♓59'02	
	-10189 May 20 j 16:05	0°♈	
desc. node	-10189 Jun 05 j 11:27	22°♈53'21	
	-10189 Jun 11 j 09:12	0°♉	
evening max el	-10189 Jun 14 j 08:51	3°♉08'51	25°35'25
retrograde	-10189 Jun 26 j 12:30	10°♉14'15	
evening set	-10189 Jul 02 j 14:38	7°♉35'22	
min. Earth dist.	-10189 Jul 06 j 21:39	2°♉45'06	0.66590 AU
inferior conj	-10189 Jul 07 j 23:42	1°♉20'24	-2°29'23
minimum elong	-10189 Jul 08 j 02:14	1°♉12'09	2°28'25
	-10189 Jul 09 j 00:41	30°℞♈	
morning rise	-10189 Jul 13 j 13:53	25°♈22'19	
asc. node	-10189 Jul 16 j 16:24	24°♈13'47	
direct	-10189 Jul 17 j 00:45	24°♈13'06	
morning max el	-10189 Jul 24 j 08:20	28°♈26'41	19°35'00
	-10189 Jul 25 j 18:37	0°♉	
	-10189 Aug 15 j 07:26	0°♊	
morning set	-10189 Aug 17 j 17:46	3°♊48'00	
max. Earth dist.	-10189 Aug 31 j 01:43	24°♊46'46	1.44282 AU
desc. node	-10189 Sep 01 j 08:57	26°♊50'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10189 Sep 03 j 06:07	29°♊51'11	-0°11'24
minimum elong	-10189 Sep 03 j 04:50	29°♊46'04	0°10'39
behind sun begin	-10189 Sep 02 j 20:21	29°♊12'09	
behind sun end	-10189 Sep 03 j 13:19	0°♋20'00	
	-10189 Sep 03 j 08:19	0°♋	
evening rise	-10189 Sep 17 j 17:25	23°♋30'31	
	-10189 Sep 21 j 14:45	0°♌	
evening max el	-10189 Oct 06 j 16:00	22°♌20'01	18°25'55
asc. node	-10189 Oct 12 j 15:56	25°♌57'11	
retrograde	-10189 Oct 13 j 07:15	25°♌59'24	
evening set	-10189 Oct 16 j 03:10	25°♌15'58	
inferior conj	-10189 Oct 22 j 06:44	19°♌42'47	2°48'34
minimum elong	-10189 Oct 22 j 03:14	19°♌52'45	2°47'57
min. Earth dist.	-10189 Oct 24 j 07:59	17°♌22'39	0.64150 AU
morning rise	-10189 Oct 28 j 02:38	13°♌39'46	
direct	-10189 Nov 03 j 23:19	10°♌53'47	
morning max el	-10189 Nov 17 j 09:21	18°♌27'52	27°19'32
	-10189 Nov 27 j 06:39	0°♍	
desc. node	-10189 Nov 28 j 09:27	1°♍29'54	
	-10189 Dec 16 j 08:38	0°♎	
morning set	-10189 Dec 22 j 08:25	11°♎18'21	
max. Earth dist.	-10189 Dec 27 j 07:34	21°♎20'11	1.33936 AU
superior conj	-10189 Dec 30 j 06:36	27°♎32'47	-1°18'28
minimum elong	-10189 Dec 30 j 08:52	27°♎44'50	1°18'24
	-10189 Dec 31 j 10:18	0°♏	
evening rise	-10188 Jan 06 j 12:09	12°♏54'34	
asc. node	-10188 Jan 08 j 13:49	17°♏10'50	
	-10188 Jan 15 j 07:56	0°♐	
evening max el	-10188 Jan 28 j 05:58	17°♐27'23	22°24'27
retrograde	-10188 Feb 09 j 23:23	23°♐33'41	
evening set	-10188 Feb 13 j 03:26	23°♐11'38	
min. Earth dist.	-10188 Feb 21 j 15:37	19°♐24'33	0.55491 AU
inferior conj	-10188 Feb 22 j 07:27	19°♐01'51	0°33'22
minimum elong	-10188 Feb 22 j 08:53	18°♐59'47	0°32'20
desc. node	-10188 Feb 24 j 10:31	17°♐49'47	
morning rise	-10188 Mar 02 j 15:22	14°♐58'53	
direct	-10188 Mar 05 j 00:52	14°♐45'34	
morning max el	-10188 Mar 16 j 16:48	20°♐18'57	21°04'15
	-10188 Mar 24 j 12:49	0°♑	
morning set	-10188 Apr 05 j 05:36	21°♑24'40	
asc. node	-10188 Apr 05 j 12:40	22°♑00'57	
	-10188 Apr 09 j 08:59	0°♒	
superior conj	-10188 Apr 12 j 19:13	7°♒06'07	1°04'54
minimum elong	-10188 Apr 12 j 16:37	6°♒52'42	1°04'00
max. Earth dist.	-10188 Apr 16 j 20:34	15°♒18'31	1.35444 AU
evening rise	-10188 Apr 21 j 08:46	24°♒02'36	
	-10188 Apr 24 j 14:01	0°♓	
	-10188 May 13 j 05:31	0°♈	
desc. node	-10188 May 22 j 08:51	11°♈45'34	
evening max el	-10188 May 26 j 19:19	16°♈30'59	26°37'03
retrograde	-10188 Jun 08 j 17:56	23°♈54'55	
evening set	-10188 Jun 15 j 08:17	21°♈07'42	
min. Earth dist.	-10188 Jun 19 j 07:27	16°♈56'27	0.65719 AU
inferior conj	-10188 Jun 20 j 22:56	14°♈56'02	-3°02'42
minimum elong	-10188 Jun 21 j 01:27	14°♈48'21	3°02'05
morning rise	-10188 Jun 26 j 18:50	9°♈11'06	
direct	-10188 Jun 29 j 22:11	8°♈15'13	
asc. node	-10188 Jul 02 j 13:16	8°♈52'46	
morning max el	-10188 Jul 06 j 16:38	12°♈02'18	18°46'35
	-10188 Jul 19 j 11:12	0°♉	
morning set	-10188 Jul 27 j 16:24	13°♉13'01	
	-10188 Aug 07 j 04:06	0°♊	
superior conj	-10188 Aug 12 j 06:56	8°♊06'31	0°35'24
minimum elong	-10188 Aug 12 j 11:14	8°♊23'31	0°35'23
max. Earth dist.	-10188 Aug 12 j 18:10	8°♊50'56	1.44616 AU
desc. node	-10188 Aug 18 j 06:08	17°♊32'31	
	-10188 Aug 26 j 02:31	0°♋	
evening rise	-10188 Aug 28 j 11:00	3°♋45'13	
	-10188 Sep 14 j 09:33	0°♌	
evening max el	-10188 Sep 19 j 03:36	5°♌48'34	19°00'19
retrograde	-10188 Sep 26 j 01:15	9°♌43'21	
asc. node	-10188 Sep 28 j 13:08	9°♌07'39	
evening set	-10188 Sep 29 j 04:04	8°♌47'43	
inferior conj	-10188 Oct 04 j 23:35	3°♌00'09	1°59'32
minimum elong	-10188 Oct 04 j 20:55	3°♌08'23	1°59'06
min. Earth dist.	-10188 Oct 06 j 11:55	1°♌08'02	0.65372 AU
	-10188 Oct 07 j 10:39	30°℞♋	
morning rise	-10188 Oct 10 j 13:21	26°♋48'06	
direct	-10188 Oct 16 j 23:14	24°♋05'47	
	-10188 Oct 28 j 04:58	0°♌	
morning max el	-10188 Oct 29 j 19:21	1°♌31'34	26°33'45
desc. node	-10188 Nov 14 j 06:10	20°♌46'33	
	-10188 Nov 20 j 08:42	0°♍	
morning set	-10188 Dec 04 j 16:01	24°♍44'08	
	-10188 Dec 07 j 09:50	0°♎	
max. Earth dist.	-10188 Dec 08 j 23:12	3°♎03'41	1.35120 AU
superior conj	-10188 Dec 13 j 08:03	11°♎54'22	-1°32'10
minimum elong	-10188 Dec 13 j 09:58	12°♎04'14	1°32'05
evening rise	-10188 Dec 20 j 21:06	27°♎36'21	
	-10188 Dec 22 j 01:07	0°♏	
asc. node	-10188 Dec 25 j 11:07	6°♏47'25	
evening max el	-10187 Jan 09 j 07:09	28°♏40'40	20°57'28
	-10187 Jan 10 j 19:21	0°♐	
retrograde	-10187 Jan 20 j 13:22	3°♐58'25	
evening set	-10187 Jan 23 j 06:06	3°♐41'22	
	-10187 Jan 31 j 16:41	30°℞♏	
inferior conj	-10187 Feb 01 j 04:29	29°♏42'58	2°17'31
minimum elong	-10187 Feb 01 j 09:44	29°♏35'23	2°15'33
min. Earth dist.	-10187 Feb 02 j 05:46	29°♏06'29	0.55537 AU
desc. node	-10187 Feb 10 j 07:26	25°♏29'47	
morning rise	-10187 Feb 10 j 12:15	25°♏26'59	
direct	-10187 Feb 13 j 15:40	25°♏05'14	
	-10187 Feb 25 j 01:39	0°♐	
morning max el	-10187 Feb 26 j 16:34	1°♐27'23	22°34'22
	-10187 Mar 17 j 13:31	0°♑	
morning set	-10187 Mar 20 j 16:19	6°♑21'25	
asc. node	-10187 Mar 23 j 09:41	12°♑05'16	
superior conj	-10187 Mar 27 j 22:00	21°♑40'29	0°42'32
minimum elong	-10187 Mar 27 j 20:12	21°♑31'00	0°41'39
max. Earth dist.	-10187 Mar 30 j 17:15	27°♑32'31	1.34267 AU
	-10187 Mar 31 j 21:53	0°♒	
evening rise	-10187 Apr 04 j 20:05	7°♒51'55	
	-10187 Apr 17 j 03:11	0°♓	
desc. node	-10187 May 09 j 06:13	29°♓44'06	
evening max el	-10187 May 09 j 06:24	29°♓44'34	27°16'02
	-10187 May 09 j 12:47	0°♈	
retrograde	-10187 May 22 j 17:54	7°♈15'48	
evening set	-10187 May 29 j 16:13	4°♈31'13	
min. Earth dist.	-10187 Jun 02 j 09:36	0°♈56'16	0.64463 AU
	-10187 Jun 03 j 05:58	30°℞♓	
inferior conj	-10187 Jun 04 j 15:34	28°♓25'31	-3°26'42
minimum elong	-10187 Jun 04 j 17:27	28°♓20'14	3°26'33
morning rise	-10187 Jun 10 j 19:12	22°♓56'30	
direct	-10187 Jun 13 j 16:50	22°♓11'47	
asc. node	-10187 Jun 19 j 10:08	24°♓56'21	
morning max el	-10187 Jun 20 j 04:57	25°♓41'24	18°15'04
	-10187 Jun 23 j 19:54	0°♈	
morning set	-10187 Jul 08 j 16:35	23°♈49'59	
	-10187 Jul 12 j 08:54	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10187 Jul 22 j 11:55	16°♉35'58	1°15'24	
minimum elong	-10187 Jul 22 j 18:29	17°♉02'25	1°15'10	
max. Earth dist.	-10187 Jul 26 j 10:38	22°♉55'10	1.44244 AU	
	-10187 Jul 30 j 21:57	0°♊		
desc. node	-10187 Aug 05 j 03:22	8°♊11'43		
evening rise	-10187 Aug 08 j 02:29	12°♊48'52		
	-10187 Aug 19 j 06:13	0°♋		
greatest brilliancy	-10187 Aug 20 j 09:53	1°♋44'29	-0.7m	
evening max el	-10187 Sep 02 j 10:49	19°♋17'06	19°50'45	
retrograde	-10187 Sep 09 j 21:40	23°♋36'06		
evening set	-10187 Sep 13 j 09:39	22°♋24'58		
asc. node	-10187 Sep 15 j 10:17	20°♋40'54		
inferior conj	-10187 Sep 18 j 22:52	16°♋25'57	1°07'41	
minimum elong	-10187 Sep 18 j 21:19	16°♋31'01	1°07'39	
min. Earth dist.	-10187 Sep 19 j 23:15	15°♋06'05	0.66279 AU	
morning rise	-10187 Sep 24 j 08:44	10°♋08'21		
direct	-10187 Sep 30 j 04:48	7°♋38'30		
morning max el	-10187 Oct 12 j 05:01	14°♋44'07	25°26'14	
	-10187 Oct 24 j 19:04	0°♌		
desc. node	-10187 Nov 01 j 02:55	10°♌33'37		
	-10187 Nov 13 j 04:14	0°♍		
morning set	-10187 Nov 17 j 07:20	7°♍16'37		
max. Earth dist.	-10187 Nov 21 j 04:21	14°♍24'46	1.36726 AU	
superior conj	-10187 Nov 27 j 01:09	25°♍45'59	-1°40'28	
minimum elong	-10187 Nov 27 j 02:03	25°♍50'27	1°40'20	
	-10187 Nov 29 j 03:56	0°♎		
evening rise	-10187 Dec 05 j 02:09	12°♎01'01		
asc. node	-10187 Dec 12 j 08:26	25°♎58'42		
	-10187 Dec 14 j 17:16	0°♏		
evening max el	-10187 Dec 22 j 17:57	10°♏25'49	19°45'30	
retrograde	-10186 Jan 01 j 09:53	14°♏59'04		
evening set	-10186 Jan 03 j 22:55	14°♏41'35		
inferior conj	-10186 Jan 12 j 09:11	10°♏36'53	3°34'04	
minimum elong	-10186 Jan 12 j 14:16	10°♏28'50	3°32'47	
min. Earth dist.	-10186 Jan 14 j 19:12	9°♏05'24	0.56424 AU	
morning rise	-10186 Jan 21 j 03:34	5°♏57'20		
direct	-10186 Jan 25 j 12:55	5°♏14'14		
desc. node	-10186 Jan 28 j 04:18	5°♏30'14		
morning max el	-10186 Feb 08 j 08:44	12°♏10'14	24°11'39	
	-10186 Feb 21 j 21:34	0°♐		
morning set	-10186 Mar 05 j 04:41	21°♐25'39		
	-10186 Mar 09 j 05:09	0°♑		
asc. node	-10186 Mar 10 j 06:43	2°♑17'59		
superior conj	-10186 Mar 12 j 05:42	6°♑31'32	0°19'01	
minimum elong	-10186 Mar 12 j 04:55	6°♑27'14	0°18'16	
max. Earth dist.	-10186 Mar 13 j 22:52	10°♑12'20	1.33437 AU	
evening rise	-10186 Mar 19 j 17:16	22°♑12'24		
	-10186 Mar 23 j 16:41	0°♒		
	-10186 Apr 11 j 00:05	0°♓		
evening max el	-10186 Apr 21 j 15:53	12°♓35'48	27°26'04	
desc. node	-10186 Apr 26 j 03:33	16°♓25'47		
retrograde	-10186 May 05 j 11:41	20°♓07'37		
evening set	-10186 May 12 j 11:06	17°♓38'45		
min. Earth dist.	-10186 May 16 j 02:36	14°♓32'32	0.62828 AU	
inferior conj	-10186 May 18 j 22:39	11°♓42'11	-3°38'04	
minimum elong	-10186 May 18 j 23:11	11°♓40'52	3°38'18	
morning rise	-10186 May 25 j 12:23	6°♓31'38		
direct	-10186 May 28 j 05:35	5°♓56'29		
morning max el	-10186 Jun 03 j 18:57	9°♓18'43	18°01'35	
asc. node	-10186 Jun 06 j 06:57	12°♓07'52		
	-10186 Jun 17 j 12:38	0°♈		
morning set	-10186 Jun 20 j 16:41	5°♈34'45		
superior conj	-10186 Jul 02 j 15:22	26°♈12'18	1°40'22	
minimum elong	-10186 Jul 02 j 19:34	26°♈29'53	1°40'21	
	-10186 Jul 04 j 22:02	0°♉		
max. Earth dist.	-10186 Jul 08 j 23:48	6°♉40'27	1.43213 AU	
evening rise	-10186 Jul 18 j 03:29	21°♉12'49		
desc. node	-10186 Jul 23 j 00:40	28°♉45'15		
	-10186 Jul 23 j 20:14	0°♊		
	-10186 Aug 14 j 00:32	0°♋		
evening max el	-10186 Aug 16 j 11:41	2°♋42'44	20°55'20	
retrograde	-10186 Aug 24 j 18:20	7°♋34'49		
evening set	-10186 Aug 28 j 17:39	6°♋05'12		
asc. node	-10186 Sep 02 j 07:21	1°♋02'09		
inferior conj	-10186 Sep 03 j 02:22	29°♊57'47	0°15'23	
minimum elong	-10186 Sep 03 j 02:00	29°♊59'01	0°15'50	
transit middle	-10186 Sep 03 j 02:00	29°♊59'01	0°15'50	
transit begin	-10186 Sep 03 j 01:18	0°♋01'25		
transit end	-10186 Sep 03 j 02:42	29°♊56'37		
	-10186 Sep 03 j 01:43	30°℞♊		
min. Earth dist.	-10186 Sep 03 j 15:49	29°♊11'59	0.66882 AU	
morning rise	-10186 Sep 08 j 10:12	23°♊38'05		
direct	-10186 Sep 13 j 15:32	21°♊25'33		
morning max el	-10186 Sep 24 j 14:43	27°♊59'26	24°05'49	
	-10186 Sep 26 j 12:23	0°♋		
desc. node	-10186 Oct 18 j 23:43	0°♌42'11		
	-10186 Oct 18 j 12:48	0°♌		
morning set	-10186 Oct 30 j 00:56	18°♌41'34		
max. Earth dist.	-10186 Nov 03 j 03:16	25°♌50'39	1.38634 AU	
	-10186 Nov 05 j 10:41	0°♍		
superior conj	-10186 Nov 10 j 06:07	8°♍56'47	-1°41'24	
minimum elong	-10186 Nov 10 j 05:17	8°♍52'48	1°41'08	
evening rise	-10186 Nov 19 j 01:02	26°♍02'22		
	-10186 Nov 21 j 01:48	0°♎		
asc. node	-10186 Nov 29 j 05:45	14°♎35'56		
evening max el	-10186 Dec 05 j 14:42	22°♎44'27	18°52'43	
retrograde	-10186 Dec 13 j 22:25	26°♎44'49		
evening set	-10186 Dec 16 j 10:24	26°♎24'36		
inferior conj	-10186 Dec 24 j 06:58	22°♎02'54	4°11'04	
minimum elong	-10186 Dec 24 j 08:48	21°♎59'35	4°10'48	
min. Earth dist.	-10186 Dec 27 j 10:05	19°♎47'12	0.57935 AU	
morning rise	-10185 Jan 01 j 05:08	16°♎58'26		
direct	-10185 Jan 06 j 21:40	15°♎40'46		
desc. node	-10185 Jan 15 j 01:05	18°♎14'04		
morning max el	-10185 Jan 20 j 23:58	22°♎55'34	25°42'24	
	-10185 Jan 27 j 07:57	0°♏		
	-10185 Feb 14 j 12:45	0°♐		
morning set	-10185 Feb 17 j 16:56	6°♐30'44		
superior conj	-10185 Feb 24 j 16:20	21°♐32'26	-0°04'42	
minimum elong	-10185 Feb 24 j 16:33	21°♐33'38	0°05'14	
behind sun begin	-10185 Feb 24 j 11:48	21°♐07'41		
behind sun end	-10185 Feb 24 j 21:19	21°♐59'35		
asc. node	-10185 Feb 25 j 03:48	22°♐34'49		
max. Earth dist.	-10185 Feb 25 j 10:12	23°♐09'40	1.32940 AU	
	-10185 Feb 28 j 14:18	0°♑		
evening rise	-10185 Mar 03 j 21:11	6°♑53'45		
	-10185 Mar 16 j 06:16	0°♒		
evening max el	-10185 Apr 03 j 21:23	24°♒53'39	27°03'37	
	-10185 Apr 10 j 08:53	0°♓		
desc. node	-10185 Apr 13 j 00:49	1°♓20'19		
retrograde	-10185 Apr 17 j 22:29	2°♓21'58		
evening set	-10185 Apr 24 j 13:28	0°♓21'24		
	-10185 Apr 25 j 03:14	30°℞♒		
min. Earth dist.	-10185 Apr 28 j 10:24	27°♒30'57	0.60909 AU	
inferior conj	-10185 May 01 j 16:50	24°♒38'30	-3°31'50	
minimum elong	-10185 May 01 j 15:21	24°♒41'47	3°32'07	
morning rise	-10185 May 08 j 19:18	19°♒48'03		
direct	-10185 May 11 j 08:36	19°♒21'10		
morning max el	-10185 May 18 j 08:02	22°♒47'49	18°06'45	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10185 May 24 j 03:45	0°♓12'27	
	-10185 May 24 j 00:29	0°♓	
morning set	-10185 Jun 03 j 12:00	18°♓16'10	
	-10185 Jun 09 j 21:42	0°♈	
superior conj	-10185 Jun 13 j 22:04	7°♈10'02	1°49'37
minimum elong	-10185 Jun 13 j 22:42	7°♈12'52	1°49'37
max. Earth dist.	-10185 Jun 21 j 07:04	19°♈49'18	1.41668 AU
evening rise	-10185 Jun 27 j 11:59	29°♈58'29	
	-10185 Jun 27 j 12:22	0°♉	
desc. node	-10185 Jul 09 j 22:01	19°♉08'54	
	-10185 Jul 17 j 09:59	0°♊	
evening max el	-10185 Jul 30 j 05:39	16°♊04'29	22°10'55
retrograde	-10185 Aug 08 j 13:30	21°♊36'22	
evening set	-10185 Aug 13 j 02:00	19°♊46'14	
inferior conj	-10185 Aug 18 j 08:07	13°♊33'22	-0°35'30
minimum elong	-10185 Aug 18 j 08:52	13°♊30'47	0°34'39
min. Earth dist.	-10185 Aug 18 j 11:11	13°♊22'45	0.67198 AU
asc. node	-10185 Aug 20 j 04:21	11°♊03'11	
morning rise	-10185 Aug 23 j 15:38	7°♊15'09	
direct	-10185 Aug 28 j 06:55	5°♊21'33	
morning max el	-10185 Sep 07 j 02:20	11°♊15'21	22°41'16
	-10185 Sep 21 j 19:44	0°♋	
desc. node	-10185 Oct 05 j 20:33	21°♋05'13	
morning set	-10185 Oct 10 j 16:05	28°♋47'53	
	-10185 Oct 11 j 09:44	0°♌	
max. Earth dist.	-10185 Oct 16 j 02:15	7°♌48'53	1.40627 AU
superior conj	-10185 Oct 23 j 18:01	21°♌12'41	-1°32'32
minimum elong	-10185 Oct 23 j 14:58	20°♌58'56	1°31'56
	-10185 Oct 28 j 13:02	0°♍	
evening rise	-10185 Nov 02 j 14:52	9°♍32'21	
	-10185 Nov 14 j 07:45	0°♎	
asc. node	-10185 Nov 16 j 03:02	2°♎27'31	
evening max el	-10185 Nov 18 j 19:42	5°♎30'37	18°20'13
retrograde	-10185 Nov 26 j 04:31	9°♎10'56	
evening set	-10185 Nov 28 j 16:43	8°♎46'30	
inferior conj	-10185 Dec 06 j 00:11	4°♎03'51	4°13'22
minimum elong	-10185 Dec 05 j 22:43	4°♎06'56	4°13'19
min. Earth dist.	-10185 Dec 09 j 05:27	1°♎22'31	0.59767 AU
	-10185 Dec 11 j 00:47	30°℞♍	
morning rise	-10185 Dec 13 j 03:03	28°♍38'41	
direct	-10185 Dec 19 j 18:06	26°♍42'36	
	-10185 Dec 28 j 20:08	0°♎	
desc. node	-10184 Jan 01 j 21:49	3°♎16'10	
morning max el	-10184 Jan 02 j 19:39	4°♎07'25	26°51'57
	-10184 Jan 21 j 20:28	0°♏	
morning set	-10184 Feb 02 j 03:15	21°♏29'29	
	-10184 Feb 06 j 03:18	0°♐	
superior conj	-10184 Feb 09 j 04:08	6°♐36'28	-0°27'43
minimum elong	-10184 Feb 09 j 05:16	6°♐42'41	0°28'01
max. Earth dist.	-10184 Feb 08 j 23:42	6°♐12'13	1.32762 AU
asc. node	-10184 Feb 12 j 00:56	12°♐51'30	
evening rise	-10184 Feb 16 j 05:27	21°♐47'25	
	-10184 Feb 20 j 06:42	0°♑	
	-10184 Mar 09 j 22:21	0°♒	
evening max el	-10184 Mar 15 j 21:28	6°♒33'53	26°09'42
desc. node	-10184 Mar 29 j 21:59	13°♒53'25	
retrograde	-10184 Mar 30 j 00:39	13°♒53'27	
evening set	-10184 Apr 04 j 20:45	12°♒28'42	
min. Earth dist.	-10184 Apr 09 j 10:45	9°♒38'36	0.58908 AU
inferior conj	-10184 Apr 12 j 18:32	7°♒06'24	-3°01'24
minimum elong	-10184 Apr 12 j 15:04	7°♒13'04	3°01'18
morning rise	-10184 Apr 20 j 12:21	2°♒36'00	
direct	-10184 Apr 22 j 21:48	2°♒16'09	
morning max el	-10184 Apr 30 j 17:22	6°♒00'40	18°31'08
asc. node	-10184 May 10 j 00:34	18°♒58'14	
	-10184 May 16 j 00:16	0°♓	
morning set	-10184 May 16 j 21:57	1°♓43'40	
superior conj	-10184 May 26 j 04:25	19°♓19'56	1°46'23
minimum elong	-10184 May 26 j 02:35	19°♓11'29	1°46'08
	-10184 Jun 01 j 02:01	0°♈	
max. Earth dist.	-10184 Jun 02 j 08:48	2°♈14'50	1.39838 AU
evening rise	-10184 Jun 06 j 20:50	9°♈56'21	
	-10184 Jun 19 j 11:31	0°♉	
desc. node	-10184 Jun 25 j 19:25	9°♉17'52	
evening max el	-10184 Jul 11 j 18:14	29°♉25'25	23°32'29
	-10184 Jul 12 j 08:12	0°♊	
retrograde	-10184 Jul 22 j 05:53	5°♊38'24	
evening set	-10184 Jul 27 j 08:53	3°♊27'20	
	-10184 Jul 30 j 12:27	30°℞♉	
inferior conj	-10184 Aug 01 j 14:25	27°♉11'51	-1°23'23
minimum elong	-10184 Aug 01 j 16:06	27°♉06'05	1°22'18
min. Earth dist.	-10184 Aug 01 j 06:58	27°♉37'28	0.67221 AU
asc. node	-10184 Aug 06 j 01:15	21°♉45'55	
morning rise	-10184 Aug 06 j 23:13	20°♉58'42	
direct	-10184 Aug 11 j 01:59	19°♉23'36	
morning max el	-10184 Aug 19 j 18:33	24°♉34'49	21°20'35
	-10184 Aug 24 j 11:01	0°♊	
	-10184 Sep 14 j 06:47	0°♋	
morning set	-10184 Sep 19 j 06:06	7°♋43'43	
desc. node	-10184 Sep 21 j 17:29	11°♋38'22	
max. Earth dist.	-10184 Sep 27 j 06:36	20°♋35'13	1.42433 AU
	-10184 Oct 02 j 22:16	0°♌	
superior conj	-10184 Oct 04 j 07:11	2°♌20'02	-1°11'20
minimum elong	-10184 Oct 04 j 02:29	1°♌59'57	1°10'19
evening rise	-10184 Oct 15 j 16:03	22°♌23'10	
	-10184 Oct 19 j 21:47	0°♍	
evening max el	-10184 Nov 01 j 06:19	18°♍37'20	18°07'36
asc. node	-10184 Nov 02 j 00:18	19°♍20'12	
retrograde	-10184 Nov 08 j 01:42	22°♍09'20	
evening set	-10184 Nov 10 j 15:30	21°♍39'07	
inferior conj	-10184 Nov 17 j 10:59	16°♍35'04	3°51'22
minimum elong	-10184 Nov 17 j 07:41	16°♍42'59	3°51'02
min. Earth dist.	-10184 Nov 20 j 08:21	13°♍49'25	0.61631 AU
morning rise	-10184 Nov 23 j 22:44	10°♍53'08	
direct	-10184 Dec 01 j 00:02	8°♍26'50	
morning max el	-10184 Dec 14 j 21:32	15°♍57'23	27°29'58
desc. node	-10184 Dec 18 j 18:30	20°♍02'22	
	-10184 Dec 26 j 13:11	0°♎	
	-10183 Jan 13 j 07:02	0°♏	
morning set	-10183 Jan 16 j 09:40	6°♏14'17	
max. Earth dist.	-10183 Jan 22 j 11:41	19°♏06'36	1.32922 AU
superior conj	-10183 Jan 23 j 15:27	21°♏37'15	-0°49'21
minimum elong	-10183 Jan 23 j 17:17	21°♏47'17	0°49'26
	-10183 Jan 27 j 11:59	0°♐	
asc. node	-10183 Jan 28 j 22:08	3°♐03'36	
evening rise	-10183 Jan 30 j 16:06	6°♐45'59	
	-10183 Feb 12 j 01:04	0°♑	
evening max el	-10183 Feb 25 j 16:33	17°♑41'14	24°50'43
retrograde	-10183 Mar 11 j 15:32	24°♑42'36	
evening set	-10183 Mar 16 j 09:23	23°♑51'12	
desc. node	-10183 Mar 16 j 19:05	23°♑42'17	
min. Earth dist.	-10183 Mar 22 j 05:52	20°♑48'25	0.57121 AU
inferior conj	-10183 Mar 25 j 00:50	18°♑57'32	-2°00'20
minimum elong	-10183 Mar 24 j 20:57	19°♑04'02	1°59'53
morning rise	-10183 Apr 02 j 11:41	14°♑44'38	
direct	-10183 Apr 04 j 17:50	14°♑29'54	
morning max el	-10183 Apr 13 j 19:55	18°♑47'01	19°15'16
	-10183 Apr 22 j 06:44	0°♒	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10183 Apr 26 j 21:27	8°♒15'02	
morning set	-10183 Apr 30 j 18:29	15°♒46'46	
	-10183 May 07 j 22:45	0°♓	
superior conj	-10183 May 09 j 04:47	2°♓26'13	1°34'25
minimum elong	-10183 May 09 j 01:54	2°♓12'15	1°33'50
max. Earth dist.	-10183 May 15 j 09:20	14°♓07'19	1.37973 AU
evening rise	-10183 May 19 j 08:52	21°♓16'16	
	-10183 May 24 j 11:04	0°♈	
desc. node	-10183 Jun 12 j 16:50	29°♈04'43	
	-10183 Jun 13 j 09:22	0°♉	
evening max el	-10183 Jun 24 j 04:20	12°♉47'53	24°52'58
retrograde	-10183 Jul 05 j 18:24	19°♉36'20	
evening set	-10183 Jul 11 j 12:22	17°♉06'22	
min. Earth dist.	-10183 Jul 16 j 00:38	11°♉53'38	0.66926 AU
inferior conj	-10183 Jul 16 j 19:29	10°♉50'44	-2°06'53
minimum elong	-10183 Jul 16 j 21:49	10°♉42'58	2°05'49
morning rise	-10183 Jul 22 j 07:13	4°♉46'12	
asc. node	-10183 Jul 23 j 22:09	3°♉52'10	
direct	-10183 Jul 25 j 23:23	3°♉28'01	
morning max el	-10183 Aug 02 j 17:11	8°♉00'15	20°09'41
	-10183 Aug 18 j 19:55	0°♊	
morning set	-10183 Aug 29 j 08:09	16°♊08'42	
	-10183 Sep 07 j 03:59	0°♋	
desc. node	-10183 Sep 08 j 14:33	2°♋17'29	
max. Earth dist.	-10183 Sep 09 j 17:51	4°♋06'31	1.43787 AU
superior conj	-10183 Sep 14 j 17:00	12°♋07'43	-0°36'33
minimum elong	-10183 Sep 14 j 13:18	11°♋52'39	0°35'31
	-10183 Sep 25 j 10:06	0°♌	
evening rise	-10183 Sep 27 j 23:50	4°♌23'54	
	-10183 Oct 14 j 01:31	0°♍	
evening max el	-10183 Oct 15 j 19:35	1°♍57'26	18°14'01
asc. node	-10183 Oct 19 j 21:31	4°♍58'27	
retrograde	-10183 Oct 22 j 10:02	5°♍31'23	
evening set	-10183 Oct 25 j 03:13	4°♍53'21	
	-10183 Oct 31 j 00:52	30°℞♌	
inferior conj	-10183 Oct 31 j 12:07	29°♌29'49	3°14'15
minimum elong	-10183 Oct 31 j 08:24	29°♌39'48	3°13'39
min. Earth dist.	-10183 Nov 02 j 20:58	26°♌57'12	0.63311 AU
morning rise	-10183 Nov 06 j 12:50	23°♌33'51	
direct	-10183 Nov 13 j 13:28	20°♌51'18	
morning max el	-10183 Nov 27 j 04:39	28°♌24'50	27°33'01
	-10183 Nov 28 j 18:21	0°♍	
desc. node	-10183 Dec 05 j 15:13	8°♍03'41	
	-10183 Dec 20 j 06:15	0°♎	
morning set	-10183 Dec 31 j 09:48	20°♎37'12	
	-10182 Jan 04 j 23:26	0°♏	
max. Earth dist.	-10182 Jan 05 j 18:37	1°♏41'06	1.33451 AU
superior conj	-10182 Jan 08 j 00:35	6°♏28'45	-1°08'43
minimum elong	-10182 Jan 08 j 02:49	6°♏40'45	1°08'40
evening rise	-10182 Jan 15 j 03:28	21°♏43'22	
asc. node	-10182 Jan 15 j 19:24	23°♏06'38	
	-10182 Jan 19 j 04:55	0°♐	
evening max el	-10182 Feb 07 j 09:50	28°♐32'46	23°18'19
	-10182 Feb 09 j 00:56	0°♑	
retrograde	-10182 Feb 20 j 17:34	5°♑02'55	
evening set	-10182 Feb 24 j 09:32	4°♑33'32	
desc. node	-10182 Mar 03 j 16:05	1°♑15'17	
min. Earth dist.	-10182 Mar 03 j 21:51	1°♑06'51	0.55869 AU
inferior conj	-10182 Mar 05 j 12:04	0°♑10'17	-0°28'30
minimum elong	-10182 Mar 05 j 10:51	0°♑12'06	0°28'41
	-10182 Mar 05 j 19:01	30°℞♐	
morning rise	-10182 Mar 14 j 14:21	26°♐07'48	
direct	-10182 Mar 16 j 20:24	25°♐55'16	
	-10182 Mar 26 j 11:04	0°♑	
morning max el	-10182 Mar 27 j 12:59	0°♑58'05	20°19'10
asc. node	-10182 Apr 13 j 18:24	27°♑55'29	
morning set	-10182 Apr 14 j 22:29	0°♒17'06	
	-10182 Apr 14 j 19:07	0°♒	
superior conj	-10182 Apr 22 j 18:19	16°♒15'46	1°16'45
minimum elong	-10182 Apr 22 j 15:25	16°♒01'08	1°15'56
max. Earth dist.	-10182 Apr 27 j 14:52	25°♒51'28	1.36284 AU
	-10182 Apr 29 j 18:57	0°♓	
evening rise	-10182 May 01 j 19:39	3°♓47'00	
	-10182 May 17 j 09:35	0°♈	
desc. node	-10182 May 30 j 14:13	18°♈20'28	
evening max el	-10182 Jun 06 j 14:23	26°♈11'49	26°03'49
	-10182 Jun 10 j 22:17	0°♉	
retrograde	-10182 Jun 19 j 02:29	3°♉25'39	
evening set	-10182 Jun 25 j 10:19	0°♉42'04	
	-10182 Jun 26 j 04:33	30°℞♈	
min. Earth dist.	-10182 Jun 29 j 13:53	26°♈08'36	0.66278 AU
inferior conj	-10182 Jun 30 j 21:28	24°♈28'29	-2°44'28
minimum elong	-10182 Jul 01 j 00:03	24°♈20'15	2°43'38
morning rise	-10182 Jul 06 j 13:52	18°♈35'45	
direct	-10182 Jul 09 j 21:23	17°♈32'22	
asc. node	-10182 Jul 10 j 19:03	17°♈36'56	
morning max el	-10182 Jul 16 j 22:23	21°♈33'07	19°12'24
	-10182 Jul 23 j 14:47	0°♉	
morning set	-10182 Aug 08 j 18:47	25°♉00'23	
	-10182 Aug 11 j 22:39	0°♊	
max. Earth dist.	-10182 Aug 23 j 09:47	18°♊06'03	1.44516 AU
superior conj	-10182 Aug 25 j 01:46	20°♊44'26	0°08'33
minimum elong	-10182 Aug 25 j 02:53	20°♊48'53	0°08'57
behind sun begin	-10182 Aug 24 j 17:18	20°♊10'51	
behind sun end	-10182 Aug 25 j 12:28	21°♊26'56	
desc. node	-10182 Aug 26 j 11:40	22°♊59'02	
	-10182 Aug 30 j 21:11	0°♋	
evening rise	-10182 Sep 09 j 08:46	15°♋21'15	
	-10182 Sep 18 j 08:32	0°♌	
evening max el	-10182 Sep 29 j 08:33	15°♌24'13	18°38'29
retrograde	-10182 Oct 06 j 01:37	19°♌09'09	
asc. node	-10182 Oct 06 j 18:45	19°♌06'18	
evening set	-10182 Oct 09 j 00:15	18°♌20'47	
inferior conj	-10182 Oct 15 j 00:08	12°♌40'48	2°28'18
minimum elong	-10182 Oct 14 j 20:56	12°♌50'15	2°27'43
min. Earth dist.	-10182 Oct 16 j 19:40	10°♌32'12	0.64705 AU
morning rise	-10182 Oct 20 j 17:07	6°♌33'34	
direct	-10182 Oct 27 j 09:37	3°♌48'13	
morning max el	-10182 Nov 09 j 14:31	11°♌19'39	27°03'23
desc. node	-10182 Nov 22 j 11:57	26°♌57'31	
	-10182 Nov 24 j 15:09	0°♍	
	-10182 Dec 12 j 16:26	0°♎	
morning set	-10182 Dec 15 j 00:32	4°♎27'09	
max. Earth dist.	-10182 Dec 19 j 16:46	13°♎44'43	1.34388 AU
superior conj	-10182 Dec 23 j 05:29	21°♎03'04	-1°24'51
minimum elong	-10182 Dec 23 j 07:41	21°♎14'35	1°24'45
	-10182 Dec 27 j 11:08	0°♏	
evening rise	-10182 Dec 30 j 13:46	6°♏32'22	
asc. node	-10181 Jan 02 j 16:41	12°♏54'32	
	-10181 Jan 12 j 10:06	0°♐	
evening max el	-10181 Jan 20 j 06:27	9°♐31'02	21°45'58
retrograde	-10181 Feb 01 j 09:53	15°♐17'29	
evening set	-10181 Feb 04 j 07:59	14°♐58'21	
inferior conj	-10181 Feb 13 j 10:41	10°♐55'18	1°19'20
minimum elong	-10181 Feb 13 j 14:04	10°♐50'29	1°17'45
min. Earth dist.	-10181 Feb 13 j 12:19	10°♐52'58	0.55401 AU
desc. node	-10181 Feb 18 j 13:03	8°♐14'00	
morning rise	-10181 Feb 22 j 20:20	6°♐49'05	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10181 Feb 25 j 11:33	6°♐33'33	
morning max el	-10181 Mar 09 j 18:56	12°♐28'13	21°41'09
	-10181 Mar 22 j 12:29	0°♑	
morning set	-10181 Mar 30 j 07:20	15°♑05'54	
asc. node	-10181 Mar 31 j 15:24	17°♑52'24	
	-10181 Apr 06 j 10:09	0°♒	
superior conj	-10181 Apr 06 j 17:07	0°♒36'19	0°55'38
minimum elong	-10181 Apr 06 j 14:49	0°♒24'20	0°54'44
max. Earth dist.	-10181 Apr 10 j 05:24	7°♒49'15	1.34897 AU
evening rise	-10181 Apr 14 j 23:23	17°♒11'25	
	-10181 Apr 21 j 22:54	0°♓	
	-10181 May 11 j 16:26	0°♈	
desc. node	-10181 May 17 j 11:34	6°♈52'08	
evening max el	-10181 May 20 j 01:06	9°♈31'10	26°56'43
retrograde	-10181 Jun 02 j 05:41	16°♈59'33	
evening set	-10181 Jun 09 j 00:16	14°♈11'34	
min. Earth dist.	-10181 Jun 12 j 20:32	10°♈16'42	0.65236 AU
inferior conj	-10181 Jun 14 j 18:13	8°♈02'10	-3°14'13
minimum elong	-10181 Jun 14 j 20:33	7°♈55'17	3°13'47
morning rise	-10181 Jun 20 j 17:10	2°♈24'01	
direct	-10181 Jun 23 j 17:53	1°♈33'13	
asc. node	-10181 Jun 27 j 15:56	2°♈54'08	
morning max el	-10181 Jun 30 j 08:46	5°♈11'30	18°31'04
	-10181 Jul 17 j 04:02	0°♉	
morning set	-10181 Jul 20 j 04:07	4°♉55'55	
superior conj	-10181 Aug 04 j 01:33	28°♉58'09	0°53'52
minimum elong	-10181 Aug 04 j 07:28	29°♉21'41	0°53'41
	-10181 Aug 04 j 17:08	0°♊	
max. Earth dist.	-10181 Aug 06 j 02:46	2°♊13'18	1.44541 AU
desc. node	-10181 Aug 13 j 08:51	13°♊40'05	
evening rise	-10181 Aug 20 j 14:52	25°♊05'11	
	-10181 Aug 23 j 17:46	0°♋	
greatest brilliancy	-10181 Aug 29 j 16:03	9°♋17'03	-0.8m
evening max el	-10181 Sep 12 j 18:30	28°♋53'03	19°19'51
	-10181 Sep 13 j 22:03	0°♌	
retrograde	-10181 Sep 19 j 21:05	2°♌57'32	
evening set	-10181 Sep 23 j 03:27	1°♌55'45	
asc. node	-10181 Sep 23 j 15:55	1°♌34'42	
	-10181 Sep 25 j 11:20	30°℞♋	
inferior conj	-10181 Sep 28 j 20:04	26°♋02'43	1°37'44
minimum elong	-10181 Sep 28 j 17:51	26°♋09'45	1°37'27
min. Earth dist.	-10181 Sep 30 j 03:08	24°♋24'00	0.65790 AU
morning rise	-10181 Oct 04 j 07:53	19°♋47'38	
direct	-10181 Oct 10 j 11:57	17°♋09'53	
morning max el	-10181 Oct 23 j 00:42	24°♋29'19	26°07'13
	-10181 Oct 28 j 01:33	0°♌	
desc. node	-10181 Nov 09 j 08:42	16°♌28'29	
	-10181 Nov 18 j 00:52	0°♍	
morning set	-10181 Nov 28 j 01:50	17°♍32'09	
max. Earth dist.	-10181 Dec 02 j 03:49	25°♍16'45	1.35755 AU
	-10181 Dec 04 j 13:30	0°♎	
superior conj	-10181 Dec 07 j 03:44	5°♎12'40	-1°36'28
minimum elong	-10181 Dec 07 j 05:18	5°♎20'39	1°36'22
evening rise	-10181 Dec 14 j 21:17	21°♎07'18	
	-10181 Dec 19 j 08:10	0°♏	
asc. node	-10181 Dec 20 j 13:58	2°♏21'07	
evening max el	-10180 Jan 02 j 11:22	20°♏56'21	20°24'38
retrograde	-10180 Jan 13 j 01:26	25°♏54'32	
evening set	-10180 Jan 15 j 15:42	25°♏37'54	
inferior conj	-10180 Jan 24 j 09:24	21°♏38'29	2°54'36
minimum elong	-10180 Jan 24 j 15:07	21°♏29'57	2°52'45
min. Earth dist.	-10180 Jan 26 j 02:13	20°♏37'41	0.55818 AU
morning rise	-10180 Feb 02 j 12:48	17°♏12'50	
desc. node	-10180 Feb 05 j 09:58	16°♏45'13	
direct	-10180 Feb 06 j 03:40	16°♏43'59	
morning max el	-10180 Feb 19 j 14:56	23°♏23'13	23°15'38
	-10180 Feb 25 j 11:29	0°♐	
morning set	-10180 Mar 13 j 18:54	0°♑05'59	
	-10180 Mar 13 j 17:45	0°♑	
asc. node	-10180 Mar 17 j 12:24	8°♑00'28	
superior conj	-10180 Mar 20 j 22:13	15°♑18'21	0°32'39
minimum elong	-10180 Mar 20 j 20:50	15°♑10'59	0°31'48
max. Earth dist.	-10180 Mar 23 j 05:49	20°♑12'41	1.33866 AU
	-10180 Mar 28 j 00:14	0°♒	
evening rise	-10180 Mar 28 j 15:16	1°♒14'50	
	-10180 Apr 13 j 22:02	0°♓	
evening max el	-10180 May 01 j 11:34	22°♓35'49	27°24'10
desc. node	-10180 May 03 j 08:56	24°♓20'58	
	-10180 May 13 j 09:58	0°♈	
retrograde	-10180 May 15 j 03:24	0°♈08'57	
	-10180 May 16 j 19:49	30°℞♓	
evening set	-10180 May 22 j 03:05	27°♓29'12	
min. Earth dist.	-10180 May 25 j 18:53	24°♓07'48	0.63801 AU
inferior conj	-10180 May 28 j 07:08	21°♓26'39	-3°33'24
minimum elong	-10180 May 28 j 08:32	21°♓22'53	3°33'25
morning rise	-10180 Jun 03 j 14:47	16°♓05'24	
direct	-10180 Jun 06 j 10:16	15°♓25'06	
morning max el	-10180 Jun 12 j 22:08	18°♓50'35	18°07'06
asc. node	-10180 Jun 13 j 12:45	19°♓28'18	
	-10180 Jun 21 j 02:58	0°♈	
morning set	-10180 Jun 30 j 14:56	16°♈02'31	
	-10180 Jul 08 j 20:23	0°♉	
superior conj	-10180 Jul 13 j 14:41	7°♉52'16	1°28'01
minimum elong	-10180 Jul 13 j 20:38	8°♉16'36	1°27'52
max. Earth dist.	-10180 Jul 18 j 17:40	16°♉09'46	1.43874 AU
	-10180 Jul 27 j 11:55	0°♊	
evening rise	-10180 Jul 29 j 21:52	3°♊45'19	
desc. node	-10180 Jul 30 j 06:05	4°♊17'13	
	-10180 Aug 16 j 07:06	0°♋	
evening max el	-10180 Aug 25 j 23:09	12°♋20'25	20°16'38
retrograde	-10180 Sep 02 j 17:51	16°♋52'44	
evening set	-10180 Sep 06 j 10:17	15°♋34'19	
asc. node	-10180 Sep 09 j 13:01	12°♋32'29	
inferior conj	-10180 Sep 11 j 21:23	9°♋31'26	0°45'26
minimum elong	-10180 Sep 11 j 20:20	9°♋34'55	0°45'37
min. Earth dist.	-10180 Sep 12 j 17:05	8°♋25'36	0.66572 AU
morning rise	-10180 Sep 17 j 06:09	3°♋12'16	
direct	-10180 Sep 22 j 19:58	0°♋49'09	
morning max el	-10180 Oct 04 j 10:09	7°♋43'12	24°52'56
	-10180 Oct 21 j 22:12	0°♌	
desc. node	-10180 Oct 26 j 05:28	6°♌25'20	
morning set	-10180 Nov 09 j 08:34	29°♌37'28	
	-10180 Nov 09 j 13:40	0°♍	
max. Earth dist.	-10180 Nov 13 j 05:02	6°♍33'28	1.37508 AU
superior conj	-10180 Nov 19 j 16:08	18°♍48'03	-1°41'54
minimum elong	-10180 Nov 19 j 16:23	18°♍49'15	1°41'45
	-10180 Nov 25 j 07:37	0°♎	
evening rise	-10180 Nov 27 j 23:57	5°♎22'14	
asc. node	-10180 Dec 06 j 11:16	21°♎18'51	
	-10180 Dec 12 j 09:25	0°♏	
evening max el	-10180 Dec 15 j 02:34	2°♏56'23	19°20'39
retrograde	-10180 Dec 24 j 03:44	7°♏13'38	
evening set	-10180 Dec 26 j 16:07	6°♏55'15	
inferior conj	-10179 Jan 03 j 20:38	2°♏44'39	3°54'34
minimum elong	-10179 Jan 04 j 00:31	2°♏38'09	3°53'47
min. Earth dist.	-10179 Jan 06 j 16:12	0°♏52'11	0.57006 AU
	-10179 Jan 08 j 01:31	30°℞♎	
morning rise	-10179 Jan 12 j 06:40	27°♎53'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10179 Jan 17 j 06:02	26°♎57'06	
desc. node	-10179 Jan 22 j 06:49	27°♎55'50	
	-10179 Jan 26 j 05:45	0°♏	
morning max el	-10179 Jan 31 j 05:46	4°♏03'21	24°51'55
	-10179 Feb 18 j 14:50	0°♐	
morning set	-10179 Feb 26 j 07:24	15°♐11'17	
asc. node	-10179 Mar 04 j 09:26	28°♐15'32	
superior conj	-10179 Mar 05 j 07:24	0°♑14'37	0°08'57
minimum elong	-10179 Mar 05 j 07:02	0°♑12'40	0°08'17
behind sun begin	-10179 Mar 05 j 02:41	29°♐49'06	
behind sun end	-10179 Mar 05 j 11:23	0°♑36'13	
	-10179 Mar 05 j 04:42	0°♑	
max. Earth dist.	-10179 Mar 06 j 14:11	3°♑01'02	1.33183 AU
evening rise	-10179 Mar 12 j 15:39	15°♑45'45	
	-10179 Mar 20 j 00:53	0°♒	
	-10179 Apr 08 j 22:29	0°♓	
evening max el	-10179 Apr 13 j 19:47	5°♓14'49	27°20'43
desc. node	-10179 Apr 20 j 06:13	10°♓21'33	
retrograde	-10179 Apr 27 j 18:30	12°♓45'43	
evening set	-10179 May 04 j 15:22	10°♓27'48	
min. Earth dist.	-10179 May 08 j 08:09	7°♓29'47	0.62030 AU
inferior conj	-10179 May 11 j 09:12	4°♓36'10	-3°38'00
minimum elong	-10179 May 11 j 08:56	4°♓36'49	3°38'18
	-10179 May 17 j 04:50	30°℞♒	
morning rise	-10179 May 18 j 03:59	29°♒33'45	
direct	-10179 May 20 j 19:23	29°♒02'18	
	-10179 May 24 j 08:05	0°♓	
morning max el	-10179 May 27 j 12:03	2°♓25'16	18°01'26
asc. node	-10179 May 31 j 09:33	7°♓04'06	
morning set	-10179 Jun 12 j 23:52	28°♓13'09	
	-10179 Jun 13 j 23:39	0°♈	
superior conj	-10179 Jun 24 j 05:50	18°♈03'17	1°46'04
minimum elong	-10179 Jun 24 j 08:28	18°♈14'35	1°46'05
max. Earth dist.	-10179 Jul 01 j 04:19	29°♈40'32	1.42610 AU
	-10179 Jul 01 j 09:04	0°♉	
evening rise	-10179 Jul 08 j 23:19	12°♉10'57	
desc. node	-10179 Jul 17 j 03:23	24°♉47'04	
	-10179 Jul 20 j 14:47	0°♊	
evening max el	-10179 Aug 08 j 21:10	25°♊44'52	21°26'23
	-10179 Aug 14 j 06:19	0°♋	
retrograde	-10179 Aug 17 j 13:56	0°♋52'52	
	-10179 Aug 20 j 16:12	30°℞♊	
evening set	-10179 Aug 21 j 18:39	29°♊14'50	
inferior conj	-10179 Aug 27 j 02:04	23°♊05'02	-0°06'27
minimum elong	-10179 Aug 27 j 02:11	23°♊04'36	0°05'49
transit middle	-10179 Aug 27 j 02:11	23°♊04'36	0°05'49
transit begin	-10179 Aug 26 j 23:39	23°♊13'17	
transit end	-10179 Aug 27 j 04:43	22°♊55'54	
asc. node	-10179 Aug 27 j 10:02	22°♊37'37	
min. Earth dist.	-10179 Aug 27 j 11:09	22°♊33'50	0.67060 AU
morning rise	-10179 Sep 01 j 09:34	16°♊45'33	
direct	-10179 Sep 06 j 08:55	14°♊40'44	
morning max el	-10179 Sep 16 j 20:08	20°♊57'48	23°29'42
	-10179 Sep 24 j 13:28	0°♋	
desc. node	-10179 Oct 13 j 02:16	26°♋40'35	
	-10179 Oct 15 j 04:55	0°♌	
morning set	-10179 Oct 21 j 15:14	10°♌29'08	
max. Earth dist.	-10179 Oct 26 j 02:55	18°♌08'58	1.39493 AU
	-10179 Nov 01 j 17:29	0°♍	
superior conj	-10179 Nov 02 j 14:32	1°♍37'26	-1°39'01
minimum elong	-10179 Nov 02 j 12:47	1°♍29'17	1°38'37
evening rise	-10179 Nov 11 j 19:21	19°♍10'53	
	-10179 Nov 17 j 12:51	0°♎	
asc. node	-10179 Nov 23 j 08:34	9°♎37'59	
evening max el	-10179 Nov 28 j 03:11	15°♎27'43	18°36'25
retrograde	-10179 Dec 05 j 23:39	19°♎17'36	
evening set	-10179 Dec 08 j 11:47	18°♎55'36	
inferior conj	-10179 Dec 16 j 02:39	14°♎25'12	4°15'41
minimum elong	-10179 Dec 16 j 02:56	14°♎24'38	4°15'36
min. Earth dist.	-10179 Dec 19 j 08:19	11°♎56'09	0.58697 AU
morning rise	-10179 Dec 23 j 16:15	9°♎11'47	
direct	-10179 Dec 29 j 20:03	7°♎37'23	
desc. node	-10178 Jan 09 j 03:35	11°♎42'24	
morning max el	-10178 Jan 12 j 22:08	14°♎56'27	26°15'23
	-10178 Jan 25 j 01:40	0°♏	
morning set	-10178 Feb 10 j 19:02	0°♐14'19	
	-10178 Feb 10 j 16:18	0°♐	
superior conj	-10178 Feb 17 j 18:42	15°♐17'22	-0°14'35
minimum elong	-10178 Feb 17 j 19:20	15°♐20'48	0°15'01
behind sun begin	-10178 Feb 17 j 17:50	15°♐12'35	
behind sun end	-10178 Feb 17 j 20:50	15°♐29'01	
max. Earth dist.	-10178 Feb 18 j 03:01	16°♐02'44	1.32827 AU
asc. node	-10178 Feb 19 j 06:32	18°♐32'44	
evening rise	-10178 Feb 24 j 21:41	0°♑33'25	
	-10178 Feb 24 j 15:15	0°♑	
	-10178 Mar 13 j 05:07	0°♒	
evening max el	-10178 Mar 26 j 23:17	17°♒17'18	26°44'22
desc. node	-10178 Apr 07 j 03:27	24°♒20'05	
retrograde	-10178 Apr 10 j 01:32	24°♒41'45	
evening set	-10178 Apr 16 j 09:45	22°♒56'17	
min. Earth dist.	-10178 Apr 20 j 12:29	20°♒07'46	0.60056 AU
inferior conj	-10178 Apr 23 j 20:48	17°♒21'27	-3°22'20
minimum elong	-10178 Apr 23 j 18:24	17°♒26'27	3°22'30
morning rise	-10178 May 01 j 05:27	12°♒39'20	
direct	-10178 May 03 j 17:17	12°♒15'27	
morning max el	-10178 May 10 j 23:48	15°♒47'52	18°14'43
asc. node	-10178 May 18 j 06:21	25°♒27'12	
	-10178 May 20 j 22:40	0°♓	
morning set	-10178 May 27 j 01:57	11°♓15'25	
superior conj	-10178 Jun 05 j 23:11	29°♓32'52	1°49'33
minimum elong	-10178 Jun 05 j 22:36	29°♓30'14	1°49'28
	-10178 Jun 06 j 05:13	0°♈	
max. Earth dist.	-10178 Jun 13 j 09:26	12°♈32'32	1.40916 AU
evening rise	-10178 Jun 18 j 16:59	21°♈23'24	
	-10178 Jun 24 j 02:05	0°♉	
desc. node	-10178 Jul 04 j 00:45	15°♉05'01	
	-10178 Jul 14 j 18:26	0°♊	
evening max el	-10178 Jul 22 j 12:41	9°♊06'18	22°45'16
retrograde	-10178 Aug 01 j 07:59	14°♊55'14	
evening set	-10178 Aug 06 j 02:38	12°♊55'59	
inferior conj	-10178 Aug 11 j 08:16	6°♊41'52	-0°56'14
minimum elong	-10178 Aug 11 j 09:26	6°♊37'49	0°55'16
min. Earth dist.	-10178 Aug 11 j 06:54	6°♊46'37	0.67249 AU
asc. node	-10178 Aug 14 j 07:00	2°♊49'29	
morning rise	-10178 Aug 16 j 16:09	0°♊25'39	
	-10178 Aug 17 j 05:43	30°℞♉	
direct	-10178 Aug 21 j 01:58	28°♉40'04	
	-10178 Aug 25 j 06:50	0°♊	
morning max el	-10178 Aug 30 j 09:26	4°♊15'00	22°06'09
	-10178 Sep 18 j 18:43	0°♋	
desc. node	-10178 Sep 29 j 23:09	17°♋08'41	
morning set	-10178 Oct 01 j 19:04	20°♋03'27	
	-10178 Oct 07 j 21:15	0°♌	
max. Earth dist.	-10178 Oct 08 j 04:32	0°♌30'22	1.41438 AU
superior conj	-10178 Oct 15 j 17:36	13°♌26'47	-1°25'12
minimum elong	-10178 Oct 15 j 13:40	13°♌09'30	1°24'24
	-10178 Oct 24 j 20:47	0°♍	
evening rise	-10178 Oct 26 j 04:24	2°♍26'14	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10178 Nov 10 j 05:51	27°♍06'43	
evening max el	-10178 Nov 11 j 10:57	28°♍23'55	18°12'23
	-10178 Nov 13 j 07:00	0°♎	
retrograde	-10178 Nov 18 j 12:55	1°♎59'32	
evening set	-10178 Nov 21 j 01:38	1°♎32'47	
	-10178 Nov 24 j 01:08	30°℞♍	
inferior conj	-10178 Nov 28 j 03:48	26°♍40'30	4°06'26
minimum elong	-10178 Nov 28 j 01:21	26°♍45'56	4°06'17
min. Earth dist.	-10178 Dec 01 j 06:25	23°♍55'10	0.60571 AU
morning rise	-10178 Dec 04 j 23:42	21°♍07'51	
direct	-10178 Dec 11 j 20:27	18°♍57'50	
morning max el	-10178 Dec 25 j 20:38	26°♍24'45	27°12'25
desc. node	-10178 Dec 27 j 00:18	27°♍33'18	
	-10178 Dec 29 j 07:08	0°♎	
	-10177 Jan 18 j 10:06	0°♏	
morning set	-10177 Jan 26 j 04:00	15°♏08'20	
max. Earth dist.	-10177 Feb 01 j 16:33	29°♏04'35	1.32793 AU
superior conj	-10177 Feb 02 j 06:30	0°♐20'40	-0°37'08
minimum elong	-10177 Feb 02 j 07:58	0°♐28'42	0°37'19
	-10177 Feb 02 j 02:43	0°♐	
asc. node	-10177 Feb 06 j 03:43	8°♐47'58	
evening rise	-10177 Feb 09 j 07:13	15°♐30'04	
	-10177 Feb 16 j 15:22	0°♑	
evening max el	-10177 Mar 08 j 20:55	28°♑41'25	25°38'26
	-10177 Mar 10 j 07:14	0°♒	
retrograde	-10177 Mar 22 j 22:56	5°♒54'29	
desc. node	-10177 Mar 25 j 00:36	5°♒44'06	
evening set	-10177 Mar 28 j 08:42	4°♒44'34	
min. Earth dist.	-10177 Apr 02 j 09:57	1°♒50'46	0.58110 AU
	-10177 Apr 04 j 23:59	30°℞♑	
inferior conj	-10177 Apr 05 j 14:26	29°♑33'51	-2°39'29
minimum elong	-10177 Apr 05 j 10:29	29°♑40'59	2°39'11
morning rise	-10177 Apr 13 j 15:27	25°♑11'40	
direct	-10177 Apr 15 j 23:31	24°♑54'11	
morning max el	-10177 Apr 24 j 06:35	28°♑50'12	18°47'31
	-10177 Apr 25 j 10:19	0°♒	
asc. node	-10177 May 05 j 03:12	14°♒26'47	
morning set	-10177 May 10 j 16:47	24°♒58'41	
	-10177 May 13 j 06:37	0°♓	
superior conj	-10177 May 19 j 13:51	12°♓08'19	1°42'10
minimum elong	-10177 May 19 j 11:25	11°♓56'51	1°41'47
max. Earth dist.	-10177 May 26 j 10:10	24°♓42'16	1.39033 AU
	-10177 May 29 j 10:38	0°♈	
evening rise	-10177 May 30 j 13:32	1°♈55'40	
	-10177 Jun 17 j 08:21	0°♉	
desc. node	-10177 Jun 20 j 22:09	5°♉05'15	
evening max el	-10177 Jul 04 j 23:40	22°♉26'37	24°07'20
retrograde	-10177 Jul 15 j 22:51	28°♉55'57	
evening set	-10177 Jul 21 j 08:21	26°♉36'05	
min. Earth dist.	-10177 Jul 26 j 01:59	21°♉01'53	0.67133 AU
inferior conj	-10177 Jul 26 j 14:15	20°♉20'10	-1°42'29
minimum elong	-10177 Jul 26 j 16:15	20°♉13'22	1°41'23
morning rise	-10177 Aug 01 j 00:07	14°♉10'30	
asc. node	-10177 Aug 01 j 03:55	14°♉03'30	
direct	-10177 Aug 04 j 22:03	12°♉43'03	
morning max el	-10177 Aug 13 j 04:25	17°♉37'02	20°49'03
	-10177 Aug 22 j 23:33	0°♊	
morning set	-10177 Sep 11 j 01:44	28°♊39'44	
	-10177 Sep 11 j 22:18	0°♋	
desc. node	-10177 Sep 16 j 20:07	7°♋44'37	
max. Earth dist.	-10177 Sep 20 j 12:10	13°♋38'05	1.43070 AU
superior conj	-10177 Sep 26 j 19:27	24°♋00'24	-0°58'12
minimum elong	-10177 Sep 26 j 14:42	23°♋40'34	0°57'06
	-10177 Sep 30 j 08:36	0°♌	

evening rise	-10177 Oct 08 j 22:53	14°♌57'30	
	-10177 Oct 17 j 14:49	0°♍	
evening max el	-10177 Oct 25 j 23:01	11°♍36'45	18°08'00
asc. node	-10177 Oct 28 j 03:08	13°♍29'42	
retrograde	-10177 Nov 01 j 15:31	15°♍08'49	
evening set	-10177 Nov 04 j 06:24	14°♍35'41	
inferior conj	-10177 Nov 10 j 21:11	9°♍22'57	3°37'04
minimum elong	-10177 Nov 10 j 17:34	9°♍32'06	3°36'35
min. Earth dist.	-10177 Nov 13 j 13:29	6°♍40'59	0.62373 AU
morning rise	-10177 Nov 17 j 03:45	3°♍34'22	
direct	-10177 Nov 24 j 05:42	0°♍59'27	
morning max el	-10177 Dec 08 j 01:17	8°♍32'20	27°35'30
desc. node	-10177 Dec 13 j 21:01	14°♍54'29	
	-10177 Dec 24 j 18:05	0°♎	
morning set	-10176 Jan 10 j 08:06	29°♎44'54	
	-10176 Jan 10 j 11:04	0°♏	
max. Earth dist.	-10176 Jan 16 j 02:51	11°♏51'37	1.33100 AU
superior conj	-10176 Jan 17 j 17:07	15°♏17'59	-0°57'54
minimum elong	-10176 Jan 17 j 19:11	15°♏29'07	0°57'55
asc. node	-10176 Jan 24 j 00:58	28°♏56'32	
evening rise	-10176 Jan 24 j 18:23	0°♐28'22	
	-10176 Jan 24 j 12:59	0°♐	
	-10176 Feb 10 j 09:19	0°♑	
evening max el	-10176 Feb 18 j 14:27	9°♑38'18	24°12'08
retrograde	-10176 Mar 03 j 08:48	16°♑29'02	
evening set	-10176 Mar 07 j 14:59	15°♑48'30	
desc. node	-10176 Mar 10 j 21:40	14°♑27'20	
min. Earth dist.	-10176 Mar 14 j 03:32	12°♑36'51	0.56502 AU
inferior conj	-10176 Mar 16 j 12:15	11°♑07'46	-1°24'41
minimum elong	-10176 Mar 16 j 09:05	11°♑12'46	1°24'19
morning rise	-10176 Mar 25 j 06:14	7°♑00'54	
direct	-10176 Mar 27 j 11:26	6°♑47'41	
morning max el	-10176 Apr 06 j 05:30	11°♑22'52	19°40'10
	-10176 Apr 18 j 23:05	0°♒	
asc. node	-10176 Apr 21 j 00:08	3°♒54'20	
morning set	-10176 Apr 23 j 16:51	9°♒14'08	
superior conj	-10176 May 01 j 20:24	25°♒34'47	1°27'29
minimum elong	-10176 May 01 j 17:24	25°♒20'02	1°26'47
	-10176 May 04 j 02:39	0°♓	
max. Earth dist.	-10176 May 07 j 11:39	6°♓25'56	1.37215 AU
evening rise	-10176 May 11 j 11:58	13°♓47'42	
	-10176 May 21 j 00:01	0°♈	
desc. node	-10176 Jun 06 j 19:34	24°♈40'20	
	-10176 Jun 11 j 02:02	0°♉	
evening max el	-10176 Jun 16 j 09:20	5°♉49'25	25°24'49
retrograde	-10176 Jun 28 j 09:45	12°♉50'59	
evening set	-10176 Jul 04 j 09:47	10°♉14'16	
min. Earth dist.	-10176 Jul 08 j 18:08	5°♉18'01	0.66688 AU
inferior conj	-10176 Jul 09 j 18:15	3°♉58'57	-2°23'42
minimum elong	-10176 Jul 09 j 20:45	3°♉50'46	2°22'42
	-10176 Jul 13 j 00:38	30°℞♈	
morning rise	-10176 Jul 15 j 07:45	27°♈59'01	
asc. node	-10176 Jul 18 j 00:48	26°♈51'11	
direct	-10176 Jul 18 j 19:53	26°♈47'34	
	-10176 Jul 25 j 03:03	0°♉	
morning max el	-10176 Jul 26 j 05:58	1°♉05'52	19°43'29
	-10176 Aug 15 j 14:42	0°♊	
morning set	-10176 Aug 20 j 04:55	7°♊09'01	
max. Earth dist.	-10176 Sep 02 j 01:09	27°♊21'10	1.44175 AU
desc. node	-10176 Sep 02 j 17:11	28°♊25'01	
	-10176 Sep 03 j 17:00	0°♋	
superior conj	-10176 Sep 05 j 17:36	3°♋14'36	-0°18'15
minimum elong	-10176 Sep 05 j 15:34	3°♋06'27	0°17'25
evening rise	-10176 Sep 19 j 21:37	26°♋32'33	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10176 Sep 21 j 22:58	0°♌	
evening max el	-10176 Oct 08 j 12:30	25°♌00'06	18°22'18
asc. node	-10176 Oct 14 j 00:22	28°♌30'57	
retrograde	-10176 Oct 15 j 03:19	28°♌37'43	
evening set	-10176 Oct 17 j 22:27	27°♌55'47	
inferior conj	-10176 Oct 24 j 03:21	22°♌25'08	2°55'31
minimum elong	-10176 Oct 23 j 23:47	22°♌35'10	2°54'54
min. Earth dist.	-10176 Oct 26 j 06:38	20°♌01'23	0.63944 AU
morning rise	-10176 Oct 30 j 00:25	16°♌23'52	
direct	-10176 Nov 05 j 22:22	13°♌38'13	
morning max el	-10176 Nov 19 j 09:49	21°♌12'27	27°23'58
	-10176 Nov 27 j 04:20	0°♍	
desc. node	-10176 Nov 29 j 17:44	3°♍20'08	
	-10176 Dec 16 j 18:48	0°♎	
morning set	-10176 Dec 24 j 04:40	13°♎54'59	
max. Earth dist.	-10176 Dec 29 j 06:12	24°♎12'22	1.33795 AU
superior conj	-10175 Jan 01 j 00:44	0°♏02'55	-1°16'02
minimum elong	-10175 Jan 01 j 03:01	0°♏15'03	1°15'58
	-10175 Jan 01 j 00:11	0°♏	
evening rise	-10175 Jan 08 j 05:29	15°♏22'26	
asc. node	-10175 Jan 09 j 22:15	18°♏53'31	
	-10175 Jan 15 j 15:42	0°♐	
evening max el	-10175 Jan 30 j 08:33	20°♐29'55	22°38'17
retrograde	-10175 Feb 12 j 06:09	26°♐42'36	
evening set	-10175 Feb 15 j 12:53	26°♐19'05	
min. Earth dist.	-10175 Feb 23 j 19:05	22°♐37'50	0.55559 AU
inferior conj	-10175 Feb 24 j 16:54	22°♐06'23	0°16'52
minimum elong	-10175 Feb 24 j 17:37	22°♐05'21	0°16'04
desc. node	-10175 Feb 25 j 18:42	21°♐29'21	
morning rise	-10175 Mar 05 j 23:40	18°♐03'56	
direct	-10175 Mar 08 j 07:55	17°♐51'00	
morning max el	-10175 Mar 19 j 17:56	23°♐16'38	20°52'03
	-10175 Mar 25 j 12:15	0°♑	
morning set	-10175 Apr 07 j 23:10	23°♑52'49	
asc. node	-10175 Apr 07 j 21:06	23°♑42'10	
	-10175 Apr 10 j 22:20	0°♒	
superior conj	-10175 Apr 15 j 14:16	9°♒38'28	1°08'08
minimum elong	-10175 Apr 15 j 11:34	9°♒24'39	1°07'14
max. Earth dist.	-10175 Apr 19 j 20:28	18°♒12'24	1.35650 AU
evening rise	-10175 Apr 24 j 06:39	26°♒43'21	
	-10175 Apr 26 j 01:01	0°♓	
	-10175 May 14 j 08:30	0°♈	
desc. node	-10175 May 24 j 16:57	13°♈39'10	
evening max el	-10175 May 29 j 19:47	19°♈12'34	26°29'06
retrograde	-10175 Jun 11 j 15:52	26°♈34'00	
evening set	-10175 Jun 18 j 04:37	23°♈47'31	
min. Earth dist.	-10175 Jun 22 j 04:55	19°♈30'28	0.65879 AU
inferior conj	-10175 Jun 23 j 18:17	17°♈35'18	-2°58'14
minimum elong	-10175 Jun 23 j 20:50	17°♈27'25	2°57'33
morning rise	-10175 Jun 29 j 13:12	11°♈48'09	
direct	-10175 Jul 02 j 17:35	10°♈50'20	
asc. node	-10175 Jul 04 j 21:41	11°♈16'10	
morning max el	-10175 Jul 09 j 13:29	14°♈40'39	18°52'41
	-10175 Jul 20 j 17:10	0°♉	
morning set	-10175 Jul 31 j 00:08	16°♉24'25	
	-10175 Aug 08 j 12:38	0°♊	
superior conj	-10175 Aug 15 j 19:47	11°♊33'22	0°28'29
minimum elong	-10175 Aug 15 j 23:20	11°♊47'23	0°28'35
max. Earth dist.	-10175 Aug 15 j 17:34	11°♊24'37	1.44616 AU
desc. node	-10175 Aug 20 j 14:19	19°♊06'27	
	-10175 Aug 27 j 10:44	0°♋	
evening rise	-10175 Aug 31 j 19:12	6°♋58'12	
	-10175 Sep 15 j 10:01	0°♌	
evening max el	-10175 Sep 22 j 00:33	8°♌28'19	18°54'12

retrograde	-10175 Sep 28 j 20:44	12°♌20'09	
asc. node	-10175 Sep 30 j 21:32	11°♌56'34	
evening set	-10175 Oct 01 j 22:26	11°♌26'27	
inferior conj	-10175 Oct 07 j 19:02	5°♌40'46	2°07'12
minimum elong	-10175 Oct 07 j 16:12	5°♌49'23	2°06'44
min. Earth dist.	-10175 Oct 09 j 09:11	3°♌44'19	0.65208 AU
	-10175 Oct 12 j 19:58	30°℞♋	
morning rise	-10175 Oct 13 j 09:33	29°♋30'00	
direct	-10175 Oct 19 j 21:18	26°♋46'36	
	-10175 Oct 27 j 22:31	0°♌	
morning max el	-10175 Nov 01 j 19:48	4°♌14'01	26°42'15
desc. node	-10175 Nov 16 j 14:29	22°♌31'24	
	-10175 Nov 21 j 14:57	0°♍	
morning set	-10175 Dec 07 j 14:15	27°♍27'40	
	-10175 Dec 08 j 22:04	0°♎	
max. Earth dist.	-10175 Dec 11 j 23:38	6°♎01'26	1.34916 AU
superior conj	-10175 Dec 16 j 03:12	14°♎28'26	-1°30'24
minimum elong	-10175 Dec 16 j 05:12	14°♎38'50	1°30'20
evening rise	-10175 Dec 23 j 14:52	0°♏06'38	
	-10175 Dec 23 j 13:35	0°♏	
asc. node	-10175 Dec 27 j 19:32	8°♏33'27	
	-10174 Jan 10 j 16:50	0°♐	
evening max el	-10174 Jan 12 j 08:29	1°♐39'17	21°09'36
retrograde	-10174 Jan 23 j 20:16	7°♐04'16	
evening set	-10174 Jan 26 j 14:10	6°♐46'51	
inferior conj	-10174 Feb 04 j 13:57	2°♐47'50	2°02'59
minimum elong	-10174 Feb 04 j 18:50	2°♐40'50	2°01'03
min. Earth dist.	-10174 Feb 05 j 09:15	2°♐20'10	0.55476 AU
	-10174 Feb 09 j 19:33	30°℞♏	
desc. node	-10174 Feb 12 j 15:39	28°♏55'00	
morning rise	-10174 Feb 13 j 22:41	28°♏34'54	
direct	-10174 Feb 16 j 22:34	28°♏15'07	
	-10174 Feb 23 j 16:37	0°♐	
morning max el	-10174 Mar 01 j 19:12	4°♐30'16	22°20'12
	-10174 Mar 19 j 00:45	0°♑	
morning set	-10174 Mar 23 j 09:27	8°♑47'39	
asc. node	-10174 Mar 25 j 18:06	13°♑44'42	
superior conj	-10174 Mar 30 j 16:05	24°♑09'16	0°46'03
minimum elong	-10174 Mar 30 j 14:08	23°♑59'04	0°45'09
	-10174 Apr 02 j 11:20	0°♒	
max. Earth dist.	-10174 Apr 02 j 15:40	0°♒22'17	1.34423 AU
evening rise	-10174 Apr 07 j 16:08	10°♒26'26	
	-10174 Apr 18 j 11:11	0°♓	
	-10174 May 09 j 21:19	0°♈	
desc. node	-10174 May 11 j 14:18	1°♈46'46	
evening max el	-10174 May 12 j 06:50	2°♈27'45	27°11'52
retrograde	-10174 May 25 j 16:34	9°♈58'10	
evening set	-10174 Jun 01 j 14:10	7°♈12'19	
min. Earth dist.	-10174 Jun 05 j 08:14	3°♈32'25	0.64679 AU
inferior conj	-10174 Jun 07 j 12:01	1°♈05'40	-3°23'52
minimum elong	-10174 Jun 07 j 14:03	0°♈59'54	3°23'38
	-10174 Jun 08 j 11:23	30°℞♓	
morning rise	-10174 Jun 13 j 14:23	25°♓34'12	
direct	-10174 Jun 16 j 12:49	24°♓47'56	
asc. node	-10174 Jun 21 j 18:31	27°♓07'44	
morning max el	-10174 Jun 23 j 01:20	28°♓19'18	18°18'38
	-10174 Jun 24 j 14:15	0°♈	
morning set	-10174 Jul 11 j 20:28	26°♈50'32	
	-10174 Jul 13 j 17:54	0°♉	
superior conj	-10174 Jul 25 j 22:40	19°♉56'20	1°10'14
minimum elong	-10174 Jul 26 j 05:15	20°♉22'42	1°09'59
max. Earth dist.	-10174 Jul 29 j 10:27	25°♉30'42	1.44345 AU
	-10174 Aug 01 j 06:25	0°♊	
desc. node	-10174 Aug 07 j 11:30	9°♊45'56	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10174 Aug 11 j 14:12	16°♊11'28	
	-10174 Aug 20 j 12:00	0°♋	
greatest brilliancy	-10174 Aug 23 j 05:10	4°♋08'41	-0.7m
evening max el	-10174 Sep 05 j 08:29	21°♋56'39	19°42'18
retrograde	-10174 Sep 12 j 16:57	26°♋11'37	
evening set	-10174 Sep 16 j 03:27	25°♋02'56	
asc. node	-10174 Sep 17 j 18:39	23°♋43'27	
inferior conj	-10174 Sep 21 j 17:28	19°♋05'17	1°15'35
minimum elong	-10174 Sep 21 j 15:45	19°♋10'54	1°15'30
min. Earth dist.	-10174 Sep 22 j 19:30	17°♋40'35	0.66160 AU
morning rise	-10174 Sep 27 j 03:47	12°♋48'17	
direct	-10174 Oct 03 j 01:56	10°♋16'19	
morning max el	-10174 Oct 15 j 05:35	17°♋25'47	25°37'25
	-10174 Oct 25 j 20:06	0°♌	
desc. node	-10174 Nov 03 j 11:12	12°♌14'12	
	-10174 Nov 14 j 13:49	0°♍	
morning set	-10174 Nov 20 j 08:17	10°♍08'36	
max. Earth dist.	-10174 Nov 24 j 06:18	17°♍24'48	1.36461 AU
superior conj	-10174 Nov 29 j 21:40	28°♍24'33	-1°39'39
minimum elong	-10174 Nov 29 j 22:46	28°♍30'03	1°39'33
	-10174 Nov 30 j 16:43	0°♎	
evening rise	-10174 Dec 07 j 20:34	14°♎33'54	
asc. node	-10174 Dec 14 j 16:49	27°♎48'50	
	-10174 Dec 15 j 22:35	0°♏	
evening max el	-10174 Dec 25 j 17:39	13°♏18'44	19°55'05
retrograde	-10173 Jan 04 j 15:15	17°♏58'19	
evening set	-10173 Jan 07 j 04:28	17°♏41'08	
inferior conj	-10173 Jan 15 j 16:44	13°♏38'04	3°24'57
minimum elong	-10173 Jan 15 j 22:06	13°♏29'41	3°23'30
min. Earth dist.	-10173 Jan 17 j 22:40	12°♏14'23	0.56245 AU
morning rise	-10173 Jan 24 j 13:46	9°♏02'15	
direct	-10173 Jan 28 j 18:03	8°♏23'26	
desc. node	-10173 Jan 30 j 12:32	8°♏30'35	
morning max el	-10173 Feb 11 j 12:10	15°♏15'26	23°57'10
	-10173 Feb 23 j 02:00	0°♐	
morning set	-10173 Mar 07 j 21:39	23°♐50'53	
	-10173 Mar 10 j 19:12	0°♑	
asc. node	-10173 Mar 12 j 15:07	3°♑56'14	
superior conj	-10173 Mar 14 j 23:10	8°♑58'02	0°22'37
minimum elong	-10173 Mar 14 j 22:12	8°♑52'55	0°21'51
max. Earth dist.	-10173 Mar 16 j 20:01	12°♑57'53	1.33540 AU
evening rise	-10173 Mar 22 j 12:01	24°♑42'32	
	-10173 Mar 25 j 04:26	0°♒	
	-10173 Apr 12 j 00:48	0°♓	
evening max el	-10173 Apr 24 j 16:36	15°♓22'30	27°26'33
desc. node	-10173 Apr 28 j 11:37	18°♓41'37	
retrograde	-10173 May 08 j 11:24	22°♓54'52	
evening set	-10173 May 15 j 11:14	20°♓22'36	
min. Earth dist.	-10173 May 19 j 02:33	17°♓12'58	0.63091 AU
inferior conj	-10173 May 21 j 20:43	14°♓24'25	-3°37'26
minimum elong	-10173 May 21 j 21:30	14°♓22'25	3°37'36
morning rise	-10173 May 28 j 08:48	9°♓11'09	
direct	-10173 May 31 j 02:34	8°♓34'43	
morning max el	-10173 Jun 06 j 15:17	11°♓57'23	18°02'27
asc. node	-10173 Jun 08 j 15:20	14°♓09'55	
	-10173 Jun 18 j 21:21	0°♈	
morning set	-10173 Jun 23 j 17:17	8°♈25'51	
superior conj	-10173 Jul 05 j 22:14	29°♈21'23	1°37'41
minimum elong	-10173 Jul 06 j 02:57	29°♈41'02	1°37'36
	-10173 Jul 06 j 07:31	0°♉	
max. Earth dist.	-10173 Jul 12 j 00:14	9°♉19'52	1.43400 AU
evening rise	-10173 Jul 21 j 16:07	24°♉37'58	
desc. node	-10173 Jul 25 j 08:46	0°♊20'29	
	-10173 Jul 25 j 03:26	0°♊	

	-10173 Aug 14 j 19:09	0°♋	
evening max el	-10173 Aug 19 j 10:20	5°♋22'39	20°44'52
retrograde	-10173 Aug 27 j 13:43	10°♋09'31	
evening set	-10173 Aug 31 j 11:11	8°♋42'52	
asc. node	-10173 Sep 04 j 15:41	4°♋12'52	
inferior conj	-10173 Sep 05 j 20:27	2°♋36'26	0°23'16
minimum elong	-10173 Sep 05 j 19:55	2°♋38'15	0°23'38
min. Earth dist.	-10173 Sep 06 j 11:29	1°♋45'26	0.66811 AU
	-10173 Sep 07 j 19:17	30°℞♊	
morning rise	-10173 Sep 11 j 04:28	26°♊16'40	
direct	-10173 Sep 16 j 11:57	24°♊01'23	
	-10173 Sep 26 j 22:44	0°♋	
morning max el	-10173 Sep 27 j 15:13	0°♋40'58	24°18'12
	-10173 Oct 19 j 19:31	0°♌	
desc. node	-10173 Oct 21 j 07:57	2°♌19'38	
morning set	-10173 Nov 02 j 05:24	21°♌43'57	
max. Earth dist.	-10173 Nov 06 j 05:32	28°♌46'42	1.38337 AU
	-10173 Nov 06 j 21:49	0°♍	
superior conj	-10173 Nov 13 j 04:39	11°♍41'27	-1°41'51
minimum elong	-10173 Nov 13 j 04:07	11°♍38'54	1°41'36
evening rise	-10173 Nov 21 j 20:28	28°♍38'22	
	-10173 Nov 22 j 13:04	0°♎	
asc. node	-10173 Dec 01 j 14:05	16°♎31'15	
evening max el	-10173 Dec 08 j 12:56	25°♎31'55	18°59'20
retrograde	-10173 Dec 17 j 00:57	29°♎36'19	
evening set	-10173 Dec 19 j 12:57	29°♎16'40	
inferior conj	-10173 Dec 27 j 11:35	24°♎58'06	4°07'55
minimum elong	-10173 Dec 27 j 13:57	24°♎53'51	4°07'33
min. Earth dist.	-10173 Dec 30 j 13:15	22°♎47'46	0.57680 AU
morning rise	-10172 Jan 04 j 12:49	19°♎56'55	
direct	-10172 Jan 10 j 01:04	18°♎44'52	
desc. node	-10172 Jan 17 j 09:20	20°♎49'49	
morning max el	-10172 Jan 24 j 03:07	25°♎58'07	25°29'54
	-10172 Jan 27 j 22:39	0°♏	
	-10172 Feb 16 j 00:33	0°♐	
morning set	-10172 Feb 20 j 09:59	8°♐55'54	
superior conj	-10172 Feb 27 j 09:27	23°♐57'40	-0°01'08
minimum elong	-10172 Feb 27 j 09:32	23°♐58'05	0°01'41
behind sun begin	-10172 Feb 27 j 04:31	23°♐30'49	
behind sun end	-10172 Feb 27 j 14:32	24°♐25'19	
asc. node	-10172 Feb 27 j 12:12	24°♐12'36	
max. Earth dist.	-10172 Feb 28 j 06:37	25°♐52'42	1.32990 AU
	-10172 Mar 01 j 04:25	0°♑	
evening rise	-10172 Mar 05 j 15:04	9°♑21'09	
	-10172 Mar 16 j 13:47	0°♒	
evening max el	-10172 Apr 05 j 22:47	27°♒45'41	27°09'05
	-10172 Apr 08 j 10:25	0°♓	
desc. node	-10172 Apr 14 j 08:55	3°♓54'30	
retrograde	-10172 Apr 19 j 23:28	5°♓15'07	
evening set	-10172 Apr 26 j 16:17	3°♓09'41	
min. Earth dist.	-10172 Apr 30 j 11:46	0°♓17'45	0.61202 AU
	-10172 Apr 30 j 19:56	30°℞♒	
inferior conj	-10172 May 03 j 17:03	27°♒24'12	-3°34'13
minimum elong	-10172 May 03 j 15:54	27°♒26'49	3°34'32
morning rise	-10172 May 10 j 17:27	22°♒30'41	
direct	-10172 May 13 j 07:14	22°♒02'43	
morning max el	-10172 May 20 j 04:41	25°♒28'06	18°04'46
	-10172 May 24 j 00:42	0°♓	
asc. node	-10172 May 25 j 12:09	2°♓07'14	
morning set	-10172 Jun 05 j 10:04	20°♓59'22	
	-10172 Jun 10 j 08:36	0°♈	
superior conj	-10172 Jun 16 j 01:00	10°♈07'06	1°49'07
minimum elong	-10172 Jun 16 j 02:08	10°♈12'04	1°49'08
max. Earth dist.	-10172 Jun 23 j 08:11	22°♈33'45	1.41921 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10172 Jun 27 j 21:11	0°♉		
evening rise	-10172 Jun 29 j 22:08	3°♉16'16		
desc. node	-10172 Jul 11 j 06:06	20°♉45'47		
	-10172 Jul 17 j 13:30	0°♊		
evening max el	-10172 Aug 01 j 05:19	18°♊44'56	21°59'08	
retrograde	-10172 Aug 10 j 09:14	24°♊10'41		
evening set	-10172 Aug 14 j 19:37	22°♊23'47		
inferior conj	-10172 Aug 20 j 02:00	16°♊11'37	-0°27'54	
minimum elong	-10172 Aug 20 j 02:36	16°♊09'34	0°27'08	
min. Earth dist.	-10172 Aug 20 j 06:39	15°♊55'33	0.67171 AU	
asc. node	-10172 Aug 21 j 12:41	14°♊13'03		
morning rise	-10172 Aug 25 j 09:27	9°♊52'51		
direct	-10172 Aug 30 j 02:47	7°♊56'17		
morning max el	-10172 Sep 09 j 02:19	13°♊56'25	22°53'42	
	-10172 Sep 21 j 23:02	0°♋		
desc. node	-10172 Oct 07 j 04:47	22°♋40'40		
	-10172 Oct 11 j 18:45	0°♌		
morning set	-10172 Oct 13 j 00:38	2°♌02'00		
max. Earth dist.	-10172 Oct 18 j 03:49	10°♌37'21	1.40338 AU	
superior conj	-10172 Oct 25 j 19:28	24°♌06'25	-1°34'39	
minimum elong	-10172 Oct 25 j 16:45	23°♌54'05	1°34'05	
	-10172 Oct 29 j 00:23	0°♍		
evening rise	-10172 Nov 04 j 11:52	12°♍13'14		
	-10172 Nov 14 j 09:22	0°♎		
asc. node	-10172 Nov 17 j 11:22	4°♎30'17		
evening max el	-10172 Nov 20 j 16:54	8°♎14'28	18°23'48	
retrograde	-10172 Nov 28 j 04:25	11°♎56'44		
evening set	-10172 Nov 30 j 16:34	11°♎32'59		
inferior conj	-10172 Dec 08 j 01:54	6°♎53'40	4°14'51	
minimum elong	-10172 Dec 08 j 00:51	6°♎55'50	4°14'48	
min. Earth dist.	-10172 Dec 11 j 07:44	4°♎14'42	0.59485 AU	
morning rise	-10172 Dec 15 j 07:26	1°♎31'27		
	-10172 Dec 19 j 02:49	30°℞♍		
direct	-10172 Dec 21 j 20:02	29°♍40'38		
	-10172 Dec 24 j 14:17	0°♎		
desc. node	-10171 Jan 03 j 06:05	5°♎33'08		
morning max el	-10171 Jan 04 j 21:47	7°♎04'18	26°43'29	
	-10171 Jan 22 j 03:27	0°♏		
morning set	-10171 Feb 03 j 20:45	23°♏56'06		
	-10171 Feb 06 j 17:28	0°♐		
superior conj	-10171 Feb 10 j 21:13	9°♐01'51	-0°24'19	
minimum elong	-10171 Feb 10 j 22:13	9°♐07'22	0°24'38	
max. Earth dist.	-10171 Feb 10 j 20:01	8°♐55'20	1.32764 AU	
asc. node	-10171 Feb 13 j 09:21	14°♐29'42		
evening rise	-10171 Feb 17 j 22:51	24°♐13'46		
	-10171 Feb 20 j 18:41	0°♑		
	-10171 Mar 10 j 17:03	0°♒		
evening max el	-10171 Mar 18 j 23:51	9°♒32'14	26°19'38	
desc. node	-10171 Apr 01 j 06:08	16°♒51'23		
retrograde	-10171 Apr 02 j 03:05	16°♒53'18		
evening set	-10171 Apr 08 j 02:32	15°♒23'16		
min. Earth dist.	-10171 Apr 12 j 13:13	12°♒33'56	0.59202 AU	
inferior conj	-10171 Apr 15 j 21:30	9°♒57'24	-3°07'56	
minimum elong	-10171 Apr 15 j 18:17	10°♒03'44	3°07'55	
morning rise	-10171 Apr 23 j 12:51	5°♒23'54		
direct	-10171 Apr 25 j 22:54	5°♒03'03		
morning max el	-10171 May 03 j 14:47	8°♒44'05	18°26'12	
asc. node	-10171 May 12 j 09:01	20°♒47'44		
	-10171 May 17 j 11:05	0°♓		
morning set	-10171 May 19 j 18:09	4°♓20'54		
superior conj	-10171 May 29 j 04:11	22°♓07'04	1°47'31	
minimum elong	-10171 May 29 j 02:39	21°♓59'58	1°47'19	
	-10171 Jun 02 j 12:53	0°♈		
max. Earth dist.	-10171 Jun 05 j 10:40	5°♈05'50	1.40125 AU	
evening rise	-10171 Jun 10 j 02:55	13°♈02'00		
	-10171 Jun 20 j 18:19	0°♉		
desc. node	-10171 Jun 28 j 03:29	10°♉57'04		
	-10171 Jul 12 j 18:53	0°♊		
evening max el	-10171 Jul 14 j 18:39	2°♊05'56	23°20'14	
retrograde	-10171 Jul 25 j 02:03	8°♊12'37		
evening set	-10171 Jul 30 j 02:52	6°♊04'39		
inferior conj	-10171 Aug 04 j 08:22	29°♉49'31	-1°16'22	
minimum elong	-10171 Aug 04 j 09:55	29°♉44'11	1°15'19	
min. Earth dist.	-10171 Aug 04 j 02:32	0°♊09'35	0.67241 AU	
	-10171 Aug 04 j 05:20	30°℞♉		
asc. node	-10171 Aug 08 j 09:39	24°♉45'48		
morning rise	-10171 Aug 09 j 16:53	23°♉35'26		
direct	-10171 Aug 13 j 21:27	21°♉57'35		
morning max el	-10171 Aug 22 j 17:40	27°♉14'43	21°32'03	
	-10171 Aug 25 j 05:43	0°♊		
	-10171 Sep 15 j 14:01	0°♋		
morning set	-10171 Sep 22 j 17:54	11°♋06'30		
desc. node	-10171 Sep 24 j 01:42	13°♋12'23		
max. Earth dist.	-10171 Sep 30 j 07:25	23°♋17'13	1.42189 AU	
	-10171 Oct 04 j 08:09	0°♌		
superior conj	-10171 Oct 07 j 12:27	5°♌25'10	-1°15'25	
minimum elong	-10171 Oct 07 j 07:53	5°♌05'31	1°14'28	
evening rise	-10171 Oct 18 j 15:14	25°♌10'38		
	-10171 Oct 21 j 07:05	0°♍		
evening max el	-10171 Nov 04 j 02:56	21°♍18'51	18°08'14	
asc. node	-10171 Nov 04 j 08:40	21°♍32'56		
retrograde	-10171 Nov 10 j 23:39	24°♍51'20		
evening set	-10171 Nov 13 j 13:11	24°♍22'00		
inferior conj	-10171 Nov 20 j 10:20	19°♍20'56	3°55'52	
minimum elong	-10171 Nov 20 j 07:13	19°♍28'17	3°55'34	
min. Earth dist.	-10171 Nov 23 j 09:15	16°♍34'49	0.61361 AU	
morning rise	-10171 Nov 27 j 00:04	13°♍41'26		
direct	-10171 Dec 04 j 00:37	11°♍18'56		
morning max el	-10171 Dec 17 j 22:46	18°♍48'21	27°26'35	
desc. node	-10171 Dec 21 j 02:49	22°♍05'51		
	-10171 Dec 27 j 12:40	0°♎		
	-10170 Jan 14 j 18:53	0°♏		
morning set	-10170 Jan 19 j 03:54	8°♏43'23		
max. Earth dist.	-10170 Jan 25 j 08:35	21°♏52'09	1.32876 AU	
superior conj	-10170 Jan 26 j 08:43	24°♏03'21	-0°46'12	
minimum elong	-10170 Jan 26 j 10:28	24°♏12'55	0°46'19	
	-10170 Jan 29 j 02:13	0°♐		
asc. node	-10170 Jan 31 j 06:33	4°♐42'41		
evening rise	-10170 Feb 02 j 09:17	9°♐12'02		
	-10170 Feb 13 j 06:49	0°♑		
evening max el	-10170 Feb 28 j 19:37	20°♑43'37	25°03'40	
retrograde	-10170 Mar 14 j 19:36	27°♑48'12		
desc. node	-10170 Mar 19 j 03:16	27°♑04'56		
evening set	-10170 Mar 19 j 17:41	26°♑52'20		
min. Earth dist.	-10170 Mar 25 j 08:50	23°♑52'19	0.57364 AU	
inferior conj	-10170 Mar 28 j 06:48	21°♑54'14	-2°11'48	
minimum elong	-10170 Mar 28 j 02:48	22°♑01'04	2°11'20	
morning rise	-10170 Apr 05 j 15:05	17°♑39'04		
direct	-10170 Apr 07 j 21:45	17°♑23'38		
morning max el	-10170 Apr 16 j 18:30	21°♑34'45	19°07'25	
	-10170 Apr 23 j 10:52	0°♒		
asc. node	-10170 Apr 29 j 05:55	10°♒00'26		
morning set	-10170 May 03 j 13:21	18°♒19'21		
	-10170 May 09 j 11:17	0°♓		
superior conj	-10170 May 12 j 02:14	5°♓05'55	1°36'40	
minimum elong	-10170 May 11 j 23:26	4°♓52'26	1°36'08	
max. Earth dist.	-10170 May 18 j 11:19	17°♓03'07	1.38247 AU	
evening rise	-10170 May 22 j 11:06	24°♓09'59		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10170 May 25 j 20:37	0°♈	
	-10170 Jun 14 j 10:54	0°♉	
desc. node	-10170 Jun 15 j 00:54	0°♉47'47	
evening max el	-10170 Jun 27 j 04:58	15°♉28'12	24°41'21
retrograde	-10170 Jul 08 j 15:12	22°♉11'41	
evening set	-10170 Jul 14 j 07:01	19°♉44'10	
min. Earth dist.	-10170 Jul 18 j 20:40	14°♉25'52	0.66993 AU
inferior conj	-10170 Jul 19 j 13:46	13°♉28'29	-2°00'41
minimum elong	-10170 Jul 19 j 16:01	13°♉20'55	1°59'35
morning rise	-10170 Jul 25 j 00:58	7°♉22'37	
asc. node	-10170 Jul 26 j 06:35	6°♉37'56	
direct	-10170 Jul 28 j 18:36	6°♉02'04	
morning max el	-10170 Aug 05 j 15:24	10°♉39'32	20°19'28
	-10170 Aug 20 j 01:29	0°♊	
morning set	-10170 Sep 01 j 20:32	19°♊32'59	
	-10170 Sep 08 j 12:35	0°♋	
desc. node	-10170 Sep 10 j 22:42	3°♋50'46	
max. Earth dist.	-10170 Sep 12 j 18:04	6°♋44'12	1.43621 AU
superior conj	-10170 Sep 18 j 02:30	15°♋25'08	-0°42'38
minimum elong	-10170 Sep 17 j 22:23	15°♋08'16	0°41'34
	-10170 Sep 26 j 19:34	0°♌	
evening rise	-10170 Oct 01 j 02:02	7°♌20'11	
	-10170 Oct 14 j 20:44	0°♍	
evening max el	-10170 Oct 18 j 16:01	4°♍37'36	18°11'52
asc. node	-10170 Oct 22 j 05:55	7°♍23'49	
retrograde	-10170 Oct 25 j 06:45	8°♍10'47	
evening set	-10170 Oct 27 j 23:17	7°♍34'04	
inferior conj	-10170 Nov 03 j 09:38	2°♍13'06	3°20'32
minimum elong	-10170 Nov 03 j 05:55	2°♍22'57	3°19'59
	-10170 Nov 05 j 11:49	30°℞♌	
min. Earth dist.	-10170 Nov 05 j 20:24	29°♌37'48	0.63077 AU
morning rise	-10170 Nov 09 j 11:45	26°♌18'58	
direct	-10170 Nov 16 j 12:58	23°♌38'04	
	-10170 Nov 28 j 23:08	0°♍	
morning max el	-10170 Nov 30 j 05:24	1°♍11'22	27°34'45
desc. node	-10170 Dec 07 j 23:31	9°♍57'31	
	-10170 Dec 21 j 14:13	0°♎	
morning set	-10169 Jan 03 j 05:08	23°♎09'59	
	-10169 Jan 06 j 13:13	0°♏	
max. Earth dist.	-10169 Jan 08 j 16:34	4°♏30'26	1.33351 AU
superior conj	-10169 Jan 10 j 18:17	8°♏56'18	-1°05'58
minimum elong	-10169 Jan 10 j 20:29	9°♏08'10	1°05'57
evening rise	-10169 Jan 17 j 20:39	24°♏09'41	
asc. node	-10169 Jan 18 j 03:47	24°♏47'04	
	-10169 Jan 20 j 16:41	0°♐	
	-10169 Feb 08 j 22:27	0°♑	
evening max el	-10169 Feb 10 j 12:40	1°♑34'56	23°32'16
retrograde	-10169 Feb 23 j 23:30	8°♑10'55	
evening set	-10169 Feb 27 j 19:00	7°♑39'00	
desc. node	-10169 Mar 06 j 00:20	4°♑52'38	
min. Earth dist.	-10169 Mar 07 j 01:01	4°♑16'38	0.56010 AU
inferior conj	-10169 Mar 08 j 20:31	3°♑11'25	-0°43'56
minimum elong	-10169 Mar 08 j 18:41	3°♑14'10	0°43'56
	-10169 Mar 14 j 22:14	30°℞♐	
morning rise	-10169 Mar 17 j 20:51	29°♐08'20	
direct	-10169 Mar 20 j 02:28	28°♐55'45	
	-10169 Mar 24 j 23:59	0°♑	
morning max el	-10169 Mar 30 j 13:05	3°♑50'56	20°08'32
asc. node	-10169 Apr 16 j 02:51	29°♑37'16	
	-10169 Apr 16 j 07:24	0°♒	
morning set	-10169 Apr 17 j 16:22	2°♒45'36	
superior conj	-10169 Apr 25 j 14:03	18°♒49'29	1°19'43
minimum elong	-10169 Apr 25 j 11:06	18°♒34'43	1°18'55
max. Earth dist.	-10169 Apr 30 j 15:34	28°♒45'51	1.36513 AU
	-10169 May 01 j 07:06	0°♓	
evening rise	-10169 May 04 j 18:48	6°♓30'40	
	-10169 May 18 j 16:10	0°♈	
desc. node	-10169 Jun 01 j 22:19	20°♈09'02	
evening max el	-10169 Jun 09 j 14:47	28°♈51'35	25°54'13
	-10169 Jun 10 j 19:14	0°♉	
retrograde	-10169 Jun 21 j 24:00	6°♉02'44	
evening set	-10169 Jun 28 j 05:57	3°♉20'33	
	-10169 Jul 01 j 09:22	30°℞♈	
min. Earth dist.	-10169 Jul 02 j 10:40	28°♈41'18	0.66396 AU
inferior conj	-10169 Jul 03 j 16:19	27°♈06'28	-2°39'19
minimum elong	-10169 Jul 03 j 18:54	26°♈58'11	2°38'24
morning rise	-10169 Jul 09 j 07:55	21°♈11'52	
direct	-10169 Jul 12 j 16:32	20°♈06'33	
asc. node	-10169 Jul 13 j 03:29	20°♈07'43	
morning max el	-10169 Jul 19 j 19:43	24°♈11'31	19°19'58
	-10169 Jul 24 j 15:03	0°♉	
morning set	-10169 Aug 12 j 04:41	28°♉17'22	
	-10169 Aug 13 j 06:46	0°♊	
max. Earth dist.	-10169 Aug 26 j 09:21	20°♊40'02	1.44450 AU
superior conj	-10169 Aug 28 j 14:17	24°♊10'08	0°01'24
minimum elong	-10169 Aug 28 j 14:31	24°♊11'03	0°01'57
behind sun begin	-10169 Aug 28 j 03:19	23°♊26'30	
behind sun end	-10169 Aug 29 j 01:43	24°♊55'37	
desc. node	-10169 Aug 28 j 19:49	24°♊32'06	
	-10169 Sep 01 j 05:59	0°♋	
evening rise	-10169 Sep 12 j 14:41	18°♋27'38	
	-10169 Sep 19 j 15:05	0°♌	
evening max el	-10169 Oct 02 j 05:09	18°♌03'16	18°33'43
retrograde	-10169 Oct 08 j 21:28	21°♌46'11	
asc. node	-10169 Oct 09 j 03:07	21°♌45'53	
evening set	-10169 Oct 11 j 19:05	20°♌59'37	
inferior conj	-10169 Oct 17 j 20:13	15°♌21'54	2°35'36
minimum elong	-10169 Oct 17 j 16:54	15°♌31'35	2°35'01
min. Earth dist.	-10169 Oct 19 j 17:43	13°♌09'08	0.64518 AU
morning rise	-10169 Oct 23 j 14:09	9°♌16'01	
direct	-10169 Oct 30 j 08:09	6°♌30'14	
morning max el	-10169 Nov 12 j 15:03	14°♌02'53	27°09'36
desc. node	-10169 Nov 24 j 20:13	28°♌44'15	
	-10169 Nov 25 j 17:54	0°♍	
	-10169 Dec 14 j 03:47	0°♎	
morning set	-10169 Dec 17 j 21:29	7°♎05'28	
max. Earth dist.	-10169 Dec 22 j 16:09	16°♎38'34	1.34222 AU
superior conj	-10169 Dec 25 j 23:55	23°♎33'25	-1°22'40
minimum elong	-10169 Dec 26 j 02:10	23°♎45'11	1°22'36
	-10169 Dec 29 j 00:56	0°♏	
evening rise	-10168 Jan 02 j 07:12	8°♏59'58	
asc. node	-10168 Jan 05 j 01:03	14°♏37'22	
	-10168 Jan 13 j 12:15	0°♐	
evening max el	-10168 Jan 23 j 08:23	12°♐30'27	21°59'10
retrograde	-10168 Feb 04 j 16:59	18°♐24'08	
evening set	-10168 Feb 07 j 16:54	18°♐04'11	
inferior conj	-10168 Feb 16 j 20:16	13°♐59'03	1°03'12
minimum elong	-10168 Feb 16 j 22:59	13°♐55'11	1°01'47
min. Earth dist.	-10168 Feb 16 j 15:45	14°♐05'29	0.55411 AU
desc. node	-10168 Feb 20 j 21:19	11°♐47'34	
morning rise	-10168 Feb 26 j 05:35	9°♐54'21	
direct	-10168 Feb 28 j 18:26	9°♐39'49	
morning max el	-10168 Mar 11 j 20:43	15°♐27'13	21°28'02
	-10168 Mar 22 j 19:28	0°♑	
morning set	-10168 Apr 01 j 00:36	17°♑31'53	
asc. node	-10168 Apr 01 j 23:48	19°♑31'54	
	-10168 Apr 06 j 23:54	0°♒	
superior conj	-10168 Apr 08 j 11:39	3°♒06'00	0°59'01

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10168 Apr 08 j 09:14	2°♒53'28	0°58'05
max. Earth dist.	-10168 Apr 12 j 04:25	10°♒39'34	1.35076 AU
evening rise	-10168 Apr 16 j 20:19	19°♒48'06	
	-10168 Apr 22 j 09:08	0°♓	
	-10168 May 11 j 15:20	0°♈	
desc. node	-10168 May 18 j 19:42	8°♈48'35	
evening max el	-10168 May 22 j 01:22	12°♈12'06	26°50'21
retrograde	-10168 Jun 04 j 04:03	19°♈39'20	
evening set	-10168 Jun 10 j 21:14	16°♈51'18	
min. Earth dist.	-10168 Jun 14 j 18:25	12°♈50'49	0.65412 AU
inferior conj	-10168 Jun 16 j 13:57	10°♈41'01	-3°10'24
minimum elong	-10168 Jun 16 j 16:22	10°♈33'48	3°09'53
morning rise	-10168 Jun 22 j 11:48	5°♈00'28	
direct	-10168 Jun 25 j 13:22	4°♈07'58	
asc. node	-10168 Jun 29 j 00:19	5°♈11'39	
morning max el	-10168 Jul 02 j 05:25	7°♈49'15	18°36'09
	-10168 Jul 17 j 11:57	0°♉	
morning set	-10168 Jul 22 j 10:13	8°♉02'12	
	-10168 Aug 05 j 01:51	0°♊	
superior conj	-10168 Aug 06 j 13:58	2°♊23'15	0°47'31
minimum elong	-10168 Aug 06 j 19:25	2°♊44'50	0°47'22
max. Earth dist.	-10168 Aug 08 j 02:08	4°♊46'25	1.44584 AU
desc. node	-10168 Aug 14 j 16:56	15°♊13'18	
evening rise	-10168 Aug 23 j 00:46	28°♊22'21	
	-10168 Aug 24 j 01:28	0°♋	
	-10168 Sep 13 j 06:01	0°♌	
evening max el	-10168 Sep 14 j 15:41	1°♌31'57	19°12'40
retrograde	-10168 Sep 21 j 16:27	5°♌32'54	
evening set	-10168 Sep 24 j 21:30	4°♌33'24	
asc. node	-10168 Sep 25 j 00:16	4°♌29'04	
	-10168 Sep 29 j 14:08	30°℞♋	
inferior conj	-10168 Sep 30 j 15:05	28°♋42'14	1°45'32
minimum elong	-10168 Sep 30 j 12:43	28°♋49'44	1°45'13
min. Earth dist.	-10168 Oct 02 j 00:00	26°♋58'41	0.65652 AU
morning rise	-10168 Oct 06 j 03:32	22°♋28'06	
direct	-10168 Oct 12 j 09:42	19°♋48'31	
morning max el	-10168 Oct 25 j 01:11	27°♋10'37	26°16'52
	-10168 Oct 27 j 17:44	0°♌	
desc. node	-10168 Nov 10 j 16:55	18°♌10'10	
	-10168 Nov 18 j 09:02	0°♍	
morning set	-10168 Nov 30 j 01:04	20°♍18'03	
max. Earth dist.	-10168 Dec 04 j 04:42	28°♍13'56	1.35523 AU
	-10168 Dec 05 j 02:18	0°♎	
superior conj	-10168 Dec 08 j 23:20	7°♎47'21	-1°35'05
minimum elong	-10168 Dec 09 j 01:02	7°♎56'05	1°34'59
evening rise	-10168 Dec 16 j 15:13	23°♎37'19	
	-10168 Dec 19 j 19:04	0°♏	
asc. node	-10168 Dec 21 j 22:19	4°♏07'38	
evening max el	-10167 Jan 04 j 11:57	23°♏51'35	20°35'47
retrograde	-10167 Jan 15 j 07:44	28°♏56'26	
evening set	-10167 Jan 17 j 22:40	28°♏39'47	
inferior conj	-10167 Jan 26 j 18:08	24°♏41'09	2°42'07
minimum elong	-10167 Jan 26 j 23:47	24°♏32'49	2°40'13
min. Earth dist.	-10167 Jan 28 j 05:47	23°♏48'41	0.55701 AU
morning rise	-10167 Feb 04 j 23:19	20°♏18'58	
desc. node	-10167 Feb 06 j 18:14	19°♏59'00	
direct	-10167 Feb 08 j 09:57	19°♏52'53	
morning max el	-10167 Feb 21 j 17:56	26°♏26'40	23°01'07
	-10167 Feb 25 j 02:38	0°♐	
	-10167 Mar 15 j 06:46	0°♑	
morning set	-10167 Mar 16 j 11:52	2°♑30'46	
asc. node	-10167 Mar 19 j 20:46	9°♑38'41	
superior conj	-10167 Mar 23 j 15:57	17°♑45'23	0°36'12
minimum elong	-10167 Mar 23 j 14:25	17°♑37'14	0°35'21

max. Earth dist.	-10167 Mar 26 j 03:29	22°♑59'23	1.33997 AU
	-10167 Mar 29 j 13:15	0°♒	
evening rise	-10167 Mar 31 j 10:39	3°♒46'45	
	-10167 Apr 15 j 04:00	0°♓	
evening max el	-10167 May 04 j 12:04	25°♓19'57	27°22'00
desc. node	-10167 May 05 j 17:05	26°♓28'29	
	-10167 May 10 j 03:10	0°♈	
retrograde	-10167 May 18 j 02:33	2°♈52'40	
evening set	-10167 May 25 j 01:53	0°♈10'59	
	-10167 May 25 j 07:28	30°℞♓	
min. Earth dist.	-10167 May 28 j 18:10	26°♓44'58	0.64037 AU
inferior conj	-10167 May 31 j 04:11	24°♓07'14	-3°31'22
minimum elong	-10167 May 31 j 05:47	24°♓02'53	3°31'20
morning rise	-10167 Jun 06 j 10:22	18°♓43'09	
direct	-10167 Jun 09 j 06:34	18°♓01'23	
asc. node	-10167 Jun 15 j 21:08	21°♓35'01	
morning max el	-10167 Jun 15 j 18:25	21°♓28'11	18°09'32
	-10167 Jun 22 j 07:18	0°♈	
morning set	-10167 Jul 03 j 17:21	18°♈58'33	
	-10167 Jul 10 j 05:53	0°♉	
superior conj	-10167 Jul 16 j 23:55	11°♉07'51	1°23'53
minimum elong	-10167 Jul 17 j 06:10	11°♉33'17	1°23'41
max. Earth dist.	-10167 Jul 21 j 17:30	18°♉45'32	1.44017 AU
	-10167 Jul 28 j 20:06	0°♊	
desc. node	-10167 Aug 01 j 14:11	5°♊51'23	
evening rise	-10167 Aug 02 j 10:25	7°♊09'57	
	-10167 Aug 17 j 10:28	0°♋	
evening max el	-10167 Aug 28 j 21:17	15°♋00'07	20°07'19
retrograde	-10167 Sep 05 j 13:06	19°♋27'33	
evening set	-10167 Sep 09 j 03:56	18°♋11'46	
asc. node	-10167 Sep 11 j 21:21	15°♋39'12	
inferior conj	-10167 Sep 14 j 15:45	12°♋10'16	0°53'24
minimum elong	-10167 Sep 14 j 14:31	12°♋14'19	0°53'29
min. Earth dist.	-10167 Sep 15 j 13:05	10°♋59'26	0.66476 AU
morning rise	-10167 Sep 20 j 00:51	5°♋51'36	
direct	-10167 Sep 25 j 16:55	3°♋25'58	
morning max el	-10167 Oct 07 j 10:39	10°♋24'16	25°04'49
	-10167 Oct 23 j 02:22	0°♌	
desc. node	-10167 Oct 28 j 13:40	8°♌03'59	
	-10167 Nov 11 j 00:07	0°♍	
morning set	-10167 Nov 12 j 10:57	2°♍33'38	
max. Earth dist.	-10167 Nov 16 j 07:08	9°♍31'44	1.37227 AU
superior conj	-10167 Nov 22 j 13:29	21°♍29'11	-1°41'36
minimum elong	-10167 Nov 22 j 13:59	21°♍31'37	1°41'26
	-10167 Nov 26 j 20:09	0°♎	
evening rise	-10167 Nov 30 j 18:46	7°♎56'14	
asc. node	-10167 Dec 08 j 19:36	23°♎10'39	
	-10167 Dec 13 j 04:00	0°♏	
evening max el	-10167 Dec 18 j 01:42	5°♏47'09	19°28'59
retrograde	-10167 Dec 27 j 07:50	10°♏09'37	
evening set	-10167 Dec 29 j 20:26	9°♏51'35	
inferior conj	-10166 Jan 07 j 03:00	5°♏43'17	3°48'04
minimum elong	-10166 Jan 07 j 07:22	5°♏36'07	3°47'07
min. Earth dist.	-10166 Jan 09 j 19:36	3°♏57'54	0.56792 AU
morning rise	-10166 Jan 15 j 16:05	0°♏56'32	
direct	-10166 Jan 20 j 10:36	0°♏04'43	
desc. node	-10166 Jan 24 j 15:03	0°♏45'14	
morning max el	-10166 Feb 03 j 09:06	7°♏07'34	24°37'57
	-10166 Feb 19 j 23:26	0°♐	
morning set	-10166 Mar 01 j 00:22	17°♐36'04	
asc. node	-10166 Mar 06 j 17:50	29°♐53'17	
	-10166 Mar 06 j 19:04	0°♑	
superior conj	-10166 Mar 08 j 00:40	2°♑40'10	0°12'33
minimum elong	-10166 Mar 08 j 00:09	2°♑37'23	0°11'52

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

behind sun begin	-10166 Mar 07 j 20:46	2°♉19'08	
behind sun end	-10166 Mar 08 j 03:31	2°♉55'38	
max. Earth dist.	-10166 Mar 09 j 11:00	5°♉45'20	1.33270 AU
evening rise	-10166 Mar 15 j 10:00	18°♉14'30	
	-10166 Mar 21 j 11:19	0°♒	
	-10166 Apr 09 j 16:03	0°♓	
evening max el	-10166 Apr 16 j 20:51	8°♓03'33	27°23'15
desc. node	-10166 Apr 22 j 14:23	12°♓44'17	
retrograde	-10166 Apr 30 j 18:34	15°♓34'36	
evening set	-10166 May 07 j 16:31	13°♓12'41	
min. Earth dist.	-10166 May 11 j 08:43	10°♓12'01	0.62316 AU
inferior conj	-10166 May 14 j 08:05	7°♓19'15	-3°38'29
minimum elong	-10166 May 14 j 08:06	7°♓19'11	3°38'47
morning rise	-10166 May 21 j 01:02	2°♓13'53	
direct	-10166 May 23 j 17:05	1°♓41'07	
morning max el	-10166 May 30 j 08:22	5°♓03'35	18°01'04
asc. node	-10166 Jun 02 j 17:57	9°♓02'18	
	-10166 Jun 15 j 09:47	0°♈	
morning set	-10166 Jun 15 j 23:15	1°♈00'05	
superior conj	-10166 Jun 27 j 10:51	21°♈06'07	1°44'22
minimum elong	-10166 Jun 27 j 14:03	21°♈19'42	1°44'23
	-10166 Jul 02 j 18:32	0°♉	
max. Earth dist.	-10166 Jul 04 j 05:06	2°♉21'41	1.42830 AU
evening rise	-10166 Jul 12 j 11:10	15°♉33'18	
desc. node	-10166 Jul 19 j 11:30	26°♉22'39	
	-10166 Jul 21 j 21:00	0°♊	
evening max el	-10166 Aug 11 j 20:20	28°♊25'04	21°15'22
	-10166 Aug 13 j 11:57	0°♋	
retrograde	-10166 Aug 20 j 09:24	3°♋27'16	
evening set	-10166 Aug 24 j 12:13	1°♋52'11	
	-10166 Aug 26 j 11:34	30°℞♊	
inferior conj	-10166 Aug 29 j 20:03	25°♊43'11	0°01'21
minimum elong	-10166 Aug 29 j 20:00	25°♊43'21	0°01'53
transit middle	-10166 Aug 29 j 20:00	25°♊43'21	0°01'53
transit begin	-10166 Aug 29 j 17:18	25°♊52'34	
transit end	-10166 Aug 29 j 22:42	25°♊34'07	
asc. node	-10166 Aug 29 j 18:23	25°♊48'51	
min. Earth dist.	-10166 Aug 30 j 06:38	25°♊06'55	0.67003 AU
morning rise	-10166 Sep 04 j 03:38	19°♊23'39	
direct	-10166 Sep 09 j 05:05	17°♊16'07	
morning max el	-10166 Sep 19 j 20:27	23°♊39'02	23°42'25
	-10166 Sep 25 j 11:00	0°♋	
desc. node	-10166 Oct 15 j 10:27	28°♋17'01	
	-10166 Oct 16 j 12:47	0°♌	
morning set	-10166 Oct 24 j 21:32	13°♌37'06	
max. Earth dist.	-10166 Oct 29 j 05:22	21°♌03'51	1.39192 AU
	-10166 Nov 03 j 04:50	0°♍	
superior conj	-10166 Nov 05 j 14:19	4°♍26'26	-1°40'08
minimum elong	-10166 Nov 05 j 12:53	4°♍19'47	1°39'45
evening rise	-10166 Nov 14 j 15:28	21°♍49'32	
	-10166 Nov 18 j 22:00	0°♎	
asc. node	-10166 Nov 25 j 16:55	11°♎36'27	
evening max el	-10166 Dec 01 j 01:00	18°♎14'03	18°41'42
retrograde	-10166 Dec 09 j 01:10	22°♎07'22	
evening set	-10166 Dec 11 j 13:16	21°♎45'59	
inferior conj	-10166 Dec 19 j 06:05	17°♎18'37	4°14'42
minimum elong	-10166 Dec 19 j 06:55	17°♎17'04	4°14'34
min. Earth dist.	-10166 Dec 22 j 11:08	14°♎53'54	0.58427 AU
morning rise	-10166 Dec 26 j 22:40	12°♎08'17	
direct	-10165 Jan 01 j 22:43	10°♎39'52	
desc. node	-10165 Jan 11 j 11:49	14°♎10'02	
morning max el	-10165 Jan 16 j 00:59	17°♎57'25	26°04'20
	-10165 Jan 26 j 02:16	0°♏	
	-10165 Feb 12 j 05:27	0°♐	
morning set	-10165 Feb 13 j 12:17	2°♐40'09	
superior conj	-10165 Feb 20 j 11:48	17°♐42'30	-0°11'05
minimum elong	-10165 Feb 20 j 12:17	17°♐45'09	0°11'31
behind sun begin	-10165 Feb 20 j 08:51	17°♐26'24	
behind sun end	-10165 Feb 20 j 15:43	18°♐03'54	
max. Earth dist.	-10165 Feb 20 j 23:29	18°♐46'15	1.32863 AU
asc. node	-10165 Feb 21 j 14:58	20°♐10'34	
	-10165 Feb 26 j 04:48	0°♑	
evening rise	-10165 Feb 27 j 15:23	3°♑00'18	
	-10165 Mar 14 j 09:13	0°♒	
evening max el	-10165 Mar 30 j 01:07	20°♒11'45	26°51'42
desc. node	-10165 Apr 09 j 11:38	27°♒03'45	
retrograde	-10165 Apr 13 j 02:54	27°♒37'29	
evening set	-10165 Apr 19 j 13:46	25°♒46'32	
min. Earth dist.	-10165 Apr 23 j 14:13	22°♒57'45	0.60358 AU
inferior conj	-10165 Apr 26 j 22:06	20°♒08'51	-3°26'21
minimum elong	-10165 Apr 26 j 20:01	20°♒13'17	3°26'34
morning rise	-10165 May 04 j 04:32	15°♒23'50	
direct	-10165 May 06 j 16:54	14°♒58'54	
morning max el	-10165 May 13 j 20:41	18°♒28'53	18°11'32
asc. node	-10165 May 20 j 14:49	27°♒19'23	
	-10165 May 22 j 05:57	0°♓	
morning set	-10165 May 29 j 23:07	13°♓55'35	
	-10165 Jun 07 j 16:17	0°♈	
superior conj	-10165 Jun 09 j 00:38	2°♈25'09	1°49'49
minimum elong	-10165 Jun 09 j 00:27	2°♈24'21	1°49'47
max. Earth dist.	-10165 Jun 16 j 11:09	15°♈20'32	1.41182 AU
evening rise	-10165 Jun 22 j 01:23	24°♈35'46	
	-10165 Jun 25 j 10:18	0°♉	
desc. node	-10165 Jul 06 j 08:53	16°♉42'57	
	-10165 Jul 15 j 18:28	0°♊	
evening max el	-10165 Jul 25 j 12:40	11°♊46'40	22°33'10
retrograde	-10165 Aug 04 j 03:54	17°♊29'40	
evening set	-10165 Aug 08 j 20:24	15°♊33'32	
inferior conj	-10165 Aug 14 j 02:09	9°♊19'46	-0°48'53
minimum elong	-10165 Aug 14 j 03:10	9°♊16'13	0°47'58
min. Earth dist.	-10165 Aug 14 j 02:18	9°♊19'13	0.67235 AU
asc. node	-10165 Aug 16 j 15:23	5°♊55'46	
morning rise	-10165 Aug 19 j 09:52	3°♊02'50	
direct	-10165 Aug 23 j 21:32	1°♊14'32	
morning max el	-10165 Sep 02 j 09:11	6°♊56'04	22°18'22
	-10165 Sep 20 j 00:08	0°♋	
desc. node	-10165 Oct 02 j 07:20	18°♋43'37	
morning set	-10165 Oct 05 j 05:18	23°♋22'33	
	-10165 Oct 09 j 06:43	0°♌	
max. Earth dist.	-10165 Oct 11 j 06:06	3°♌17'25	1.41160 AU
superior conj	-10165 Oct 18 j 20:37	16°♌25'30	-1°28'06
minimum elong	-10165 Oct 18 j 16:59	16°♌09'22	1°27'23
	-10165 Oct 26 j 07:37	0°♍	
evening rise	-10165 Oct 29 j 02:19	5°♍10'26	
asc. node	-10165 Nov 12 j 14:12	29°♍13'35	
	-10165 Nov 13 j 06:22	0°♎	
evening max el	-10165 Nov 14 j 07:51	1°♎06'51	18°14'40
retrograde	-10165 Nov 21 j 12:04	4°♎43'55	
evening set	-10165 Nov 24 j 00:32	4°♎18'03	
	-10165 Nov 30 j 14:18	30°℞♍	
inferior conj	-10165 Dec 01 j 04:31	29°♍29'05	4°09'20
minimum elong	-10165 Dec 01 j 02:24	29°♍33'44	4°09'13
min. Earth dist.	-10165 Dec 04 j 08:13	26°♍44'42	0.60292 AU
morning rise	-10165 Dec 08 j 02:46	23°♍58'53	
direct	-10165 Dec 14 j 21:45	21°♍53'34	
morning max el	-10165 Dec 28 j 22:32	29°♍19'54	27°05'58
desc. node	-10165 Dec 29 j 08:34	29°♍44'17	
	-10165 Dec 29 j 14:55	0°♎	
	-10164 Jan 19 j 19:38	0°♏	
morning set	-10164 Jan 28 j 21:48	17°♏36'03	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10164 Feb 03 j 17:11	0°♐	
superior conj	-10164 Feb 04 j 23:39	2°♐46'14	-0°33'48
minimum elong	-10164 Feb 05 j 01:01	2°♐53'39	0°34'02
max. Earth dist.	-10164 Feb 04 j 13:05	1°♐48'32	1.32775 AU
asc. node	-10164 Feb 08 j 12:09	10°♐26'23	
evening rise	-10164 Feb 12 j 00:31	17°♐56'00	
	-10164 Feb 18 j 01:32	0°♑	
	-10164 Mar 09 j 07:00	0°♒	
evening max el	-10164 Mar 10 j 23:31	1°♒41'13	25°49'48
retrograde	-10164 Mar 25 j 02:07	8°♒56'58	
desc. node	-10164 Mar 26 j 08:49	8°♒52'57	
evening set	-10164 Mar 30 j 15:39	7°♒41'55	
min. Earth dist.	-10164 Apr 04 j 12:37	4°♒49'42	0.58383 AU
inferior conj	-10164 Apr 07 j 18:37	2°♒26'56	-2°48'05
minimum elong	-10164 Apr 07 j 14:48	2°♒34'00	2°47'49
	-10164 Apr 11 j 07:56	30°℞♑	
morning rise	-10164 Apr 15 j 17:06	28°♑02'05	
direct	-10164 Apr 18 j 01:39	27°♑43'49	
	-10164 Apr 24 j 07:01	0°♒	
morning max el	-10164 Apr 26 j 04:29	1°♒35'27	18°41'23
asc. node	-10164 May 06 j 11:42	16°♒14'32	
morning set	-10164 May 12 j 12:20	27°♒33'41	
	-10164 May 13 j 18:33	0°♓	
superior conj	-10164 May 21 j 12:32	14°♓52'14	1°43'51
minimum elong	-10164 May 21 j 10:18	14°♓41'43	1°43'30
max. Earth dist.	-10164 May 28 j 12:02	27°♓35'11	1.39313 AU
	-10164 May 29 j 21:03	0°♈	
evening rise	-10164 Jun 01 j 17:51	4°♈55'58	
	-10164 Jun 17 j 13:30	0°♉	
desc. node	-10164 Jun 22 j 06:17	6°♉46'29	
evening max el	-10164 Jul 07 j 00:06	25°♉06'50	23°55'14
	-10164 Jul 12 j 23:44	0°♊	
retrograde	-10164 Jul 17 j 19:21	1°♊30'49	
	-10164 Jul 22 j 03:25	30°℞♉	
evening set	-10164 Jul 23 j 02:34	29°♉13'57	
inferior conj	-10164 Jul 28 j 08:17	22°♉58'03	-1°35'48
minimum elong	-10164 Jul 28 j 10:11	22°♉51'36	1°34'42
min. Earth dist.	-10164 Jul 27 j 21:43	23°♉34'10	0.67168 AU
morning rise	-10164 Aug 02 j 17:45	16°♉47'05	
asc. node	-10164 Aug 02 j 12:21	16°♉57'37	
direct	-10164 Aug 06 j 17:17	15°♉17'03	
morning max el	-10164 Aug 15 j 03:11	20°♉17'05	20°59'50
	-10164 Aug 23 j 01:04	0°♊	
	-10164 Sep 12 j 06:13	0°♋	
morning set	-10164 Sep 13 j 14:09	2°♋04'25	
desc. node	-10164 Sep 18 j 04:18	9°♋18'33	
max. Earth dist.	-10164 Sep 22 j 12:24	16°♋17'05	1.42855 AU
superior conj	-10164 Sep 29 j 02:28	27°♋10'51	-1°03'09
minimum elong	-10164 Sep 28 j 21:40	26°♋50'37	1°02'06
	-10164 Sep 30 j 18:26	0°♌	
evening rise	-10164 Oct 10 j 23:13	17°♌48'36	
	-10164 Oct 17 j 21:22	0°♍	
evening max el	-10164 Oct 27 j 19:28	14°♍17'44	18°07'30
asc. node	-10164 Oct 29 j 11:27	15°♍47'32	
retrograde	-10164 Nov 03 j 12:52	17°♍49'38	
evening set	-10164 Nov 06 j 03:18	17°♍17'35	
inferior conj	-10164 Nov 12 j 19:42	12°♍07'56	3°42'26
minimum elong	-10164 Nov 12 j 16:10	12°♍16'41	3°42'00
min. Earth dist.	-10164 Nov 15 j 13:53	9°♍24'14	0.62115 AU
morning rise	-10164 Nov 19 j 03:59	6°♍21'35	
direct	-10164 Nov 26 j 05:54	3°♍49'17	
morning max el	-10164 Dec 10 j 02:17	11°♍21'41	27°34'20
desc. node	-10164 Dec 15 j 05:17	16°♍53'53	
	-10164 Dec 24 j 22:13	0°♎	

	-10163 Jan 10 j 23:51	0°♏	
morning set	-10163 Jan 12 j 02:47	2°♏16'10	
max. Earth dist.	-10163 Jan 18 j 00:03	14°♏38'44	1.33027 AU
superior conj	-10163 Jan 19 j 10:35	17°♏45'21	-0°54'53
minimum elong	-10163 Jan 19 j 12:34	17°♏56'09	0°54'57
asc. node	-10163 Jan 25 j 09:21	0°♐36'26	
	-10163 Jan 25 j 02:30	0°♐	
evening rise	-10163 Jan 26 j 11:34	2°♐54'58	
	-10163 Feb 10 j 08:46	0°♑	
evening max el	-10163 Feb 20 j 17:34	12°♑41'57	24°25'52
retrograde	-10163 Mar 06 j 13:55	19°♑36'52	
evening set	-10163 Mar 11 j 00:03	18°♑52'50	
desc. node	-10163 Mar 13 j 05:55	17°♑59'19	
min. Earth dist.	-10163 Mar 17 j 06:48	15°♑44'30	0.56705 AU
inferior conj	-10163 Mar 19 j 19:27	14°♑07'31	-1°38'06
minimum elong	-10163 Mar 19 j 15:57	14°♑13'09	1°37'40
morning rise	-10163 Mar 28 j 10:58	9°♑58'42	
direct	-10163 Mar 30 j 16:22	9°♑45'03	
morning max el	-10163 Apr 09 j 04:47	14°♑13'45	19°31'00
	-10163 Apr 20 j 08:10	0°♒	
asc. node	-10163 Apr 23 j 08:37	5°♒38'48	
morning set	-10163 Apr 26 j 11:15	11°♒45'25	
superior conj	-10163 May 04 j 17:04	28°♒12'25	1°30'04
minimum elong	-10163 May 04 j 14:05	27°♒57'51	1°29'24
	-10163 May 05 j 15:05	0°♓	
max. Earth dist.	-10163 May 10 j 13:01	9°♓21'36	1.37478 AU
evening rise	-10163 May 14 j 12:49	16°♓37'42	
	-10163 May 22 j 08:28	0°♈	
desc. node	-10163 Jun 09 j 03:41	26°♈26'10	
	-10163 Jun 11 j 22:13	0°♉	
evening max el	-10163 Jun 19 j 09:54	8°♉29'50	25°13'53
retrograde	-10163 Jul 01 j 06:52	15°♉27'02	
evening set	-10163 Jul 07 j 04:45	12°♉52'37	
min. Earth dist.	-10163 Jul 11 j 14:28	7°♉50'29	0.66781 AU
inferior conj	-10163 Jul 12 j 12:42	6°♉37'07	-2°17'54
minimum elong	-10163 Jul 12 j 15:09	6°♉29'02	2°16'51
morning rise	-10163 Jul 18 j 01:33	0°♉35'25	
	-10163 Jul 19 j 01:18	30°℞♈	
asc. node	-10163 Jul 20 j 09:16	29°♈30'28	
direct	-10163 Jul 21 j 15:03	29°♈21'39	
	-10163 Jul 24 j 07:29	0°♉	
morning max el	-10163 Jul 29 j 03:42	3°♉44'42	19°52'15
	-10163 Aug 16 j 21:38	0°♊	
morning set	-10163 Aug 23 j 16:23	10°♊30'31	
max. Earth dist.	-10163 Sep 05 j 00:40	29°♊55'47	1.44052 AU
desc. node	-10163 Sep 05 j 01:18	29°♊58'21	
	-10163 Sep 05 j 01:43	0°♋	
superior conj	-10163 Sep 09 j 04:32	6°♋36'10	-0°24'57
minimum elong	-10163 Sep 09 j 01:49	6°♋25'15	0°24'01
evening rise	-10163 Sep 23 j 01:09	29°♋32'30	
	-10163 Sep 23 j 07:39	0°♌	
evening max el	-10163 Oct 11 j 08:56	27°♌40'02	18°19'07
	-10163 Oct 14 j 03:30	0°♍	
asc. node	-10163 Oct 16 j 08:41	1°♍02'16	
retrograde	-10163 Oct 17 j 23:27	1°♍16'07	
evening set	-10163 Oct 20 j 17:53	0°♍35'35	
	-10163 Oct 21 j 19:04	30°℞♌	
inferior conj	-10163 Oct 27 j 00:08	25°♌07'27	3°02'21
minimum elong	-10163 Oct 26 j 20:30	25°♌17'31	3°01'44
min. Earth dist.	-10163 Oct 29 j 05:24	22°♌40'22	0.63726 AU
morning rise	-10163 Nov 01 j 22:24	19°♌08'03	
direct	-10163 Nov 08 j 21:30	16°♌23'08	
morning max el	-10163 Nov 22 j 10:17	23°♌57'18	27°27'50
	-10163 Nov 27 j 23:15	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10163 Dec 02 j 01:58	5°♍11'12		
	-10163 Dec 18 j 04:22	0°♎		
morning set	-10163 Dec 27 j 00:37	16°♎30'51		
max. Earth dist.	-10162 Jan 01 j 04:39	27°♎04'17	1.33664 AU	
	-10162 Jan 02 j 14:00	0°♏		
superior conj	-10162 Jan 03 j 18:44	2°♏32'46	-1°13'29	
minimum elong	-10162 Jan 03 j 21:01	2°♏44'55	1°13'27	
evening rise	-10162 Jan 10 j 22:45	17°♏50'18		
asc. node	-10162 Jan 12 j 06:34	20°♏35'36		
	-10162 Jan 17 j 00:47	0°♐		
evening max el	-10162 Feb 02 j 11:17	23°♐33'13	22°52'16	
retrograde	-10162 Feb 15 j 12:42	29°♐52'07		
evening set	-10162 Feb 18 j 22:27	29°♐26'49		
min. Earth dist.	-10162 Feb 26 j 22:30	25°♐51'02	0.55652 AU	
inferior conj	-10162 Feb 28 j 02:13	25°♐10'46	0°00'29	
minimum elong	-10162 Feb 28 j 02:13	25°♐10'47	0°00'06	
transit middle	-10162 Feb 28 j 02:13	25°♐10'47	0°00'06	
transit begin	-10162 Feb 27 j 22:09	25°♐16'42		
transit end	-10162 Feb 28 j 06:17	25°♐04'52		
desc. node	-10162 Feb 28 j 02:57	25°♐09'42		
morning rise	-10162 Mar 09 j 07:35	21°♐08'34		
direct	-10162 Mar 11 j 14:52	20°♐55'52		
morning max el	-10162 Mar 22 j 18:47	26°♐13'28	20°40'08	
	-10162 Mar 26 j 06:25	0°♑		
asc. node	-10162 Apr 10 j 05:31	25°♑23'58		
morning set	-10162 Apr 10 j 16:48	26°♑21'19		
	-10162 Apr 12 j 11:25	0°♒		
superior conj	-10162 Apr 18 j 09:28	12°♒11'17	1°11'17	
minimum elong	-10162 Apr 18 j 06:41	11°♒57'07	1°10'25	
max. Earth dist.	-10162 Apr 22 j 20:39	21°♒07'01	1.35869 AU	
evening rise	-10162 Apr 27 j 04:50	29°♒25'02		
	-10162 Apr 27 j 12:21	0°♓		
	-10162 May 15 j 12:39	0°♈		
desc. node	-10162 May 27 j 01:06	15°♈31'34		
evening max el	-10162 Jun 01 j 20:15	21°♈53'47	26°20'38	
retrograde	-10162 Jun 14 j 13:37	29°♈12'35		
evening set	-10162 Jun 21 j 00:43	26°♈26'59		
min. Earth dist.	-10162 Jun 25 j 02:10	22°♈04'10	0.66029 AU	
inferior conj	-10162 Jun 26 j 13:27	20°♈14'19	-2°53'34	
minimum elong	-10162 Jun 26 j 16:02	20°♈06'15	2°52'48	
morning rise	-10162 Jul 02 j 07:27	14°♈25'05		
direct	-10162 Jul 05 j 12:55	13°♈25'20		
asc. node	-10162 Jul 07 j 06:08	13°♈41'38		
morning max el	-10162 Jul 12 j 10:25	17°♈19'03	18°59'13	
	-10162 Jul 21 j 22:04	0°♉		
morning set	-10162 Aug 03 j 08:26	19°♉37'36		
	-10162 Aug 09 j 21:01	0°♊		
max. Earth dist.	-10162 Aug 18 j 17:05	13°♊58'54	1.44598 AU	
superior conj	-10162 Aug 19 j 08:40	15°♊00'30	0°21'27	
minimum elong	-10162 Aug 19 j 11:23	15°♊11'15	0°21'40	
desc. node	-10162 Aug 22 j 22:25	20°♊40'05		
	-10162 Aug 28 j 19:04	0°♋		
evening rise	-10162 Sep 04 j 02:48	10°♋09'49		
	-10162 Sep 16 j 12:51	0°♌		
evening max el	-10162 Sep 24 j 21:21	11°♌08'01	18°48'22	
retrograde	-10162 Oct 01 j 16:16	14°♌57'12		
asc. node	-10162 Oct 03 j 05:52	14°♌43'16		
evening set	-10162 Oct 04 j 16:52	14°♌05'23		
inferior conj	-10162 Oct 10 j 14:34	8°♌21'36	2°14'48	
minimum elong	-10162 Oct 10 j 11:36	8°♌30'32	2°14'17	
min. Earth dist.	-10162 Oct 12 j 06:33	6°♌20'52	0.65039 AU	
morning rise	-10162 Oct 16 j 05:54	2°♌12'06		
	-10162 Oct 19 j 20:32	30°℞♋		
direct	-10162 Oct 22 j 19:24	29°♋27'49		
	-10162 Oct 25 j 22:27	0°♌		
morning max el	-10162 Nov 04 j 20:12	6°♌56'38	26°50'11	
desc. node	-10162 Nov 18 j 22:39	24°♌16'24		
	-10162 Nov 22 j 20:20	0°♍		
	-10162 Dec 10 j 10:02	0°♎		
morning set	-10162 Dec 10 j 12:03	0°♎09'37		
max. Earth dist.	-10162 Dec 14 j 23:46	8°♎58'22	1.34723 AU	
superior conj	-10162 Dec 18 j 22:03	17°♎01'20	-1°28'32	
minimum elong	-10162 Dec 19 j 00:09	17°♎12'12	1°28'28	
	-10162 Dec 25 j 02:27	0°♏		
evening rise	-10162 Dec 26 j 08:27	2°♏36'12		
asc. node	-10162 Dec 30 j 03:49	10°♏18'23		
	-10161 Jan 11 j 04:25	0°♐		
evening max el	-10161 Jan 15 j 09:55	4°♐38'01	21°22'03	
retrograde	-10161 Jan 27 j 03:13	10°♐10'29		
evening set	-10161 Jan 29 j 22:28	9°♐52'34		
inferior conj	-10161 Feb 07 j 23:26	5°♐52'29	1°47'52	
minimum elong	-10161 Feb 08 j 03:51	5°♐46'11	1°46'01	
min. Earth dist.	-10161 Feb 08 j 12:37	5°♐33'42	0.55434 AU	
desc. node	-10161 Feb 14 j 23:53	2°♐22'44		
morning rise	-10161 Feb 17 j 08:48	1°♐42'16		
direct	-10161 Feb 20 j 05:24	1°♐24'12		
morning max el	-10161 Mar 04 j 21:34	7°♐32'13	22°06'18	
	-10161 Mar 20 j 11:04	0°♑		
morning set	-10161 Mar 26 j 02:34	11°♑13'55		
asc. node	-10161 Mar 28 j 02:28	15°♑24'15		
superior conj	-10161 Apr 02 j 10:14	26°♑38'20	0°49'31	
minimum elong	-10161 Apr 02 j 08:10	26°♑27'28	0°48'36	
	-10161 Apr 04 j 00:54	0°♒		
max. Earth dist.	-10161 Apr 05 j 14:12	3°♒12'18	1.34583 AU	
evening rise	-10161 Apr 10 j 12:21	13°♒01'30		
	-10161 Apr 19 j 19:51	0°♓		
	-10161 May 10 j 11:45	0°♈		
desc. node	-10161 May 13 j 22:30	3°♈48'09		
evening max el	-10161 May 15 j 07:11	5°♈10'27	27°07'06	
retrograde	-10161 May 28 j 15:08	12°♈40'11		
evening set	-10161 Jun 04 j 11:51	9°♈53'19		
min. Earth dist.	-10161 Jun 08 j 06:36	6°♈08'23	0.64883 AU	
inferior conj	-10161 Jun 10 j 08:16	3°♈45'43	-3°20'42	
minimum elong	-10161 Jun 10 j 10:25	3°♈39'31	3°20'25	
	-10161 Jun 13 j 21:42	30°℞♓		
morning rise	-10161 Jun 16 j 09:24	28°♓11'56		
direct	-10161 Jun 19 j 08:37	27°♓24'06		
asc. node	-10161 Jun 24 j 02:57	29°♓21'13		
	-10161 Jun 24 j 21:31	0°♈		
morning max el	-10161 Jun 25 j 21:47	0°♈57'36	18°22'39	
morning set	-10161 Jul 15 j 00:57	29°♈53'09		
	-10161 Jul 15 j 02:36	0°♉		
superior conj	-10161 Jul 29 j 10:00	23°♉18'55	1°04'43	
minimum elong	-10161 Jul 29 j 16:28	23°♉44'43	1°04'28	
max. Earth dist.	-10161 Aug 01 j 10:15	28°♉06'30	1.44429 AU	
	-10161 Aug 02 j 14:53	0°♊		
desc. node	-10161 Aug 09 j 19:37	11°♊20'19		
evening rise	-10161 Aug 15 j 01:36	19°♊33'40		
	-10161 Aug 21 j 18:18	0°♋		
greatest brilliancy	-10161 Aug 25 j 22:02	6°♋24'20	-0.7m	
evening max el	-10161 Sep 08 j 06:01	24°♋36'29	19°34'06	
retrograde	-10161 Sep 15 j 12:16	28°♋47'36		
evening set	-10161 Sep 18 j 21:17	27°♋41'23		
asc. node	-10161 Sep 20 j 03:00	26°♋44'34		
inferior conj	-10161 Sep 24 j 12:10	21°♋45'12	1°23'31	
minimum elong	-10161 Sep 24 j 10:16	21°♋51'20	1°23'21	
min. Earth dist.	-10161 Sep 25 j 15:55	20°♋15'36	0.66038 AU	
morning rise	-10161 Sep 29 j 22:58	15°♋28'46		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10161 Oct 05 j 23:11	12°♋54'45	
morning max el	-10161 Oct 18 j 06:11	20°♋07'56	25°48'10
	-10161 Oct 26 j 19:23	0°♌	
desc. node	-10161 Nov 05 j 19:21	13°♌54'56	
	-10161 Nov 15 j 22:59	0°♍	
morning set	-10161 Nov 23 j 08:43	12°♍59'00	
max. Earth dist.	-10161 Nov 27 j 07:58	20°♍24'23	1.36206 AU
	-10161 Dec 02 j 05:31	0°♎	
superior conj	-10161 Dec 02 j 17:53	1°♎02'02	-1°38'42
minimum elong	-10161 Dec 02 j 19:10	1°♎08'30	1°38'34
evening rise	-10161 Dec 10 j 14:49	17°♎06'00	
asc. node	-10161 Dec 17 j 01:06	29°♎37'49	
	-10161 Dec 17 j 05:59	0°♏	
evening max el	-10161 Dec 28 j 17:30	16°♏12'02	20°05'03
retrograde	-10160 Jan 07 j 20:51	20°♏58'05	
evening set	-10160 Jan 10 j 10:19	20°♏41'11	
inferior conj	-10160 Jan 19 j 00:31	16°♏39'36	3°14'59
minimum elong	-10160 Jan 19 j 06:06	16°♏31'02	3°13'23
min. Earth dist.	-10160 Jan 21 j 02:08	15°♏23'47	0.56077 AU
morning rise	-10160 Jan 27 j 24:00	12°♏07'25	
direct	-10160 Jan 31 j 23:23	11°♏32'29	
desc. node	-10160 Feb 01 j 20:44	11°♏34'17	
morning max el	-10160 Feb 14 j 15:31	18°♏20'25	23°42'44
	-10160 Feb 24 j 04:02	0°♐	
morning set	-10160 Mar 09 j 14:36	26°♐16'25	
	-10160 Mar 11 j 08:57	0°♑	
asc. node	-10160 Mar 13 j 23:29	5°♑34'49	
superior conj	-10160 Mar 16 j 16:41	11°♑25'10	0°26'13
minimum elong	-10160 Mar 16 j 15:34	11°♑19'14	0°25'25
max. Earth dist.	-10160 Mar 18 j 17:16	15°♑44'07	1.33644 AU
evening rise	-10160 Mar 24 j 06:55	27°♑13'33	
	-10160 Mar 25 j 16:32	0°♒	
	-10160 Apr 12 j 03:09	0°♓	
evening max el	-10160 Apr 26 j 17:12	18°♓09'00	27°26'21
desc. node	-10160 Apr 29 j 19:51	20°♓55'53	
retrograde	-10160 May 10 j 11:02	25°♓41'54	
evening set	-10160 May 17 j 11:02	23°♓06'36	
min. Earth dist.	-10160 May 21 j 02:21	19°♓53'09	0.63346 AU
inferior conj	-10160 May 23 j 18:32	17°♓06'50	-3°36'22
minimum elong	-10160 May 23 j 19:33	17°♓04'11	3°36'31
morning rise	-10160 May 30 j 05:01	11°♓50'48	
direct	-10160 Jun 01 j 23:20	11°♓13'04	
morning max el	-10160 Jun 08 j 11:38	14°♓36'31	18°03'43
asc. node	-10160 Jun 09 j 23:47	16°♓13'58	
	-10160 Jun 19 j 05:10	0°♈	
morning set	-10160 Jun 25 j 18:22	11°♈18'45	
	-10160 Jul 06 j 16:56	0°♉	
superior conj	-10160 Jul 08 j 05:46	2°♉32'53	1°34'35
minimum elong	-10160 Jul 08 j 10:58	2°♉54'24	1°34'29
max. Earth dist.	-10160 Jul 14 j 00:28	11°♉58'36	1.43578 AU
evening rise	-10160 Jul 24 j 04:53	28°♉03'53	
	-10160 Jul 25 j 10:51	0°♊	
desc. node	-10160 Jul 26 j 16:56	1°♊56'08	
	-10160 Aug 14 j 17:13	0°♋	
evening max el	-10160 Aug 21 j 08:52	8°♋03'01	20°34'42
retrograde	-10160 Aug 29 j 09:09	12°♋44'47	
evening set	-10160 Sep 02 j 04:47	11°♋21'06	
asc. node	-10160 Sep 06 j 00:05	7°♋23'26	
inferior conj	-10160 Sep 07 j 14:39	5°♋15'47	0°31'11
minimum elong	-10160 Sep 07 j 13:56	5°♋18'12	0°31'28
min. Earth dist.	-10160 Sep 08 j 07:18	4°♋19'35	0.66735 AU
	-10160 Sep 11 j 20:03	30°℞♊	
morning rise	-10160 Sep 12 j 22:53	28°♊56'05	
direct	-10160 Sep 18 j 08:34	26°♊37'59	
	-10160 Sep 25 j 22:23	0°♋	
morning max el	-10160 Sep 29 j 15:47	3°♋23'00	24°30'26
	-10160 Oct 20 j 01:34	0°♌	
desc. node	-10160 Oct 22 j 16:08	3°♌57'29	
morning set	-10160 Nov 04 j 09:20	24°♌45'11	
	-10160 Nov 07 j 08:42	0°♍	
max. Earth dist.	-10160 Nov 08 j 07:41	1°♍43'20	1.38044 AU
superior conj	-10160 Nov 15 j 02:53	14°♍25'34	-1°42'06
minimum elong	-10160 Nov 15 j 02:38	14°♍24'25	1°41'52
	-10160 Nov 23 j 00:47	0°♎	
evening rise	-10160 Nov 23 j 15:46	1°♎14'13	
asc. node	-10160 Dec 02 j 22:25	18°♎25'55	
evening max el	-10160 Dec 10 j 11:24	28°♎20'38	19°06'23
	-10160 Dec 12 j 10:14	0°♏	
retrograde	-10160 Dec 19 j 03:53	2°♏29'16	
evening set	-10160 Dec 21 j 15:56	2°♏10'08	
	-10160 Dec 26 j 12:46	30°℞♎	
inferior conj	-10160 Dec 29 j 16:38	27°♎54'33	4°03'59
minimum elong	-10160 Dec 29 j 19:33	27°♎49'26	4°03'28
min. Earth dist.	-10159 Jan 01 j 16:34	25°♎50'00	0.57432 AU
morning rise	-10159 Jan 06 j 20:57	22°♎56'52	
direct	-10159 Jan 12 j 04:49	21°♎50'15	
desc. node	-10159 Jan 18 j 17:32	23°♎29'13	
morning max el	-10159 Jan 26 j 06:18	29°♎01'34	25°17'02
	-10159 Jan 27 j 06:03	0°♏	
	-10159 Feb 16 j 11:35	0°♐	
morning set	-10159 Feb 22 j 03:03	11°♐21'36	
asc. node	-10159 Feb 28 j 20:34	25°♐50'47	
superior conj	-10159 Mar 01 j 02:38	26°♐23'46	0°02'29
minimum elong	-10159 Mar 01 j 02:33	26°♐23'19	0°01'54
behind sun begin	-10159 Feb 28 j 21:32	25°♐56'03	
behind sun end	-10159 Mar 01 j 07:34	26°♐50'34	
max. Earth dist.	-10159 Mar 02 j 03:06	28°♐36'29	1.33047 AU
	-10159 Mar 02 j 18:33	0°♑	
evening rise	-10159 Mar 08 j 09:05	11°♑49'36	
	-10159 Mar 17 j 22:07	0°♒	
	-10159 Apr 08 j 08:40	0°♓	
evening max el	-10159 Apr 09 j 00:08	0°♓37'53	27°13'52
desc. node	-10159 Apr 16 j 17:08	6°♓26'28	
retrograde	-10159 Apr 23 j 00:18	8°♓08'08	
evening set	-10159 Apr 29 j 18:44	5°♓58'06	
min. Earth dist.	-10159 May 03 j 13:02	3°♓04'20	0.61495 AU
inferior conj	-10159 May 06 j 16:59	0°♓10'15	-3°36'08
minimum elong	-10159 May 06 j 16:09	0°♓12'10	3°36'27
	-10159 May 06 j 21:26	30°℞♒	
morning rise	-10159 May 13 j 15:21	25°♒13'37	
direct	-10159 May 16 j 05:41	24°♒44'30	
morning max el	-10159 May 23 j 01:18	28°♒08'51	18°03'10
	-10159 May 24 j 18:45	0°♓	
asc. node	-10159 May 27 j 20:37	4°♓03'59	
morning set	-10159 Jun 08 j 08:30	23°♓44'23	
	-10159 Jun 11 j 19:14	0°♈	
superior conj	-10159 Jun 19 j 04:30	13°♈06'24	1°48'20
minimum elong	-10159 Jun 19 j 06:09	13°♈13'34	1°48'21
max. Earth dist.	-10159 Jun 26 j 09:11	25°♈17'45	1.42171 AU
	-10159 Jun 29 j 06:03	0°♉	
evening rise	-10159 Jul 03 j 08:50	6°♉36'15	
desc. node	-10159 Jul 13 j 14:18	22°♉23'10	
	-10159 Jul 18 j 17:50	0°♊	
evening max el	-10159 Aug 04 j 04:55	21°♊26'05	21°47'32
retrograde	-10159 Aug 13 j 04:55	26°♊45'36	
evening set	-10159 Aug 17 j 13:15	25°♊01'55	
inferior conj	-10159 Aug 22 j 19:58	18°♊50'32	-0°20'17
minimum elong	-10159 Aug 22 j 20:24	18°♊49'04	0°19'34

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10159 Aug 23 j 02:12	18°♊29'04	0.67138 AU
asc. node	-10159 Aug 23 j 21:08	17°♊24'11	
morning rise	-10159 Aug 28 j 03:24	12°♊31'24	
direct	-10159 Sep 01 j 22:49	10°♊31'54	
morning max el	-10159 Sep 12 j 02:26	16°♊38'06	23°06'14
	-10159 Sep 23 j 01:00	0°♋	
desc. node	-10159 Oct 09 j 13:00	24°♋16'55	
	-10159 Oct 13 j 03:20	0°♌	
morning set	-10159 Oct 16 j 08:41	5°♌15'33	
max. Earth dist.	-10159 Oct 21 j 05:40	13°♌28'23	1.40043 AU
superior conj	-10159 Oct 28 j 20:33	26°♌59'59	-1°36'28
minimum elong	-10159 Oct 28 j 18:10	26°♌49'08	1°35'59
	-10159 Oct 30 j 11:37	0°♍	
evening rise	-10159 Nov 07 j 08:41	14°♍54'33	
	-10159 Nov 15 j 13:56	0°♎	
asc. node	-10159 Nov 19 j 19:44	6°♎32'45	
evening max el	-10159 Nov 23 j 14:20	11°♎00'06	18°27'48
retrograde	-10159 Dec 01 j 04:44	14°♎44'39	
evening set	-10159 Dec 03 j 16:53	14°♎21'31	
inferior conj	-10159 Dec 11 j 04:08	9°♎45'25	4°15'41
minimum elong	-10159 Dec 11 j 03:32	9°♎46'37	4°15'39
min. Earth dist.	-10159 Dec 14 j 10:14	7°♎09'25	0.59208 AU
morning rise	-10159 Dec 18 j 12:25	4°♎26'14	
direct	-10159 Dec 24 j 22:16	2°♎41'00	
desc. node	-10158 Jan 05 j 14:17	7°♎53'20	
morning max el	-10158 Jan 08 j 00:07	10°♎03'07	26°34'14
	-10158 Jan 23 j 08:55	0°♏	
morning set	-10158 Feb 06 j 14:11	26°♏23'02	
	-10158 Feb 08 j 07:20	0°♐	
superior conj	-10158 Feb 13 j 14:18	11°♐27'44	-0°20'51
minimum elong	-10158 Feb 13 j 15:11	11°♐32'32	0°21'13
max. Earth dist.	-10158 Feb 13 j 16:24	11°♐39'10	1.32780 AU
asc. node	-10158 Feb 15 j 17:44	16°♐08'10	
evening rise	-10158 Feb 20 j 16:21	26°♐40'51	
	-10158 Feb 22 j 07:05	0°♑	
	-10158 Mar 11 j 15:10	0°♒	
evening max el	-10158 Mar 22 j 02:09	12°♒30'11	26°28'53
desc. node	-10158 Apr 03 j 14:19	19°♒45'49	
retrograde	-10158 Apr 05 j 05:10	19°♒52'25	
evening set	-10158 Apr 11 j 07:50	18°♒17'01	
min. Earth dist.	-10158 Apr 15 j 15:29	15°♒28'14	0.59500 AU
inferior conj	-10158 Apr 19 j 00:00	12°♒47'51	-3°13'48
minimum elong	-10158 Apr 18 j 21:03	12°♒53'47	3°13'50
morning rise	-10158 Apr 26 j 12:57	8°♒11'15	
direct	-10158 Apr 28 j 23:38	7°♒49'22	
morning max el	-10158 May 06 j 12:00	11°♒27'08	18°21'44
asc. node	-10158 May 14 j 17:29	22°♒38'30	
	-10158 May 18 j 21:07	0°♓	
morning set	-10158 May 22 j 14:35	6°♓59'21	
superior conj	-10158 Jun 01 j 04:21	24°♓55'52	1°48'27
minimum elong	-10158 Jun 01 j 03:07	24°♓50'14	1°48'18
	-10158 Jun 03 j 23:44	0°♈	
max. Earth dist.	-10158 Jun 08 j 12:36	7°♈56'56	1.40407 AU
evening rise	-10158 Jun 13 j 09:35	16°♈09'50	
	-10158 Jun 22 j 01:26	0°♉	
desc. node	-10158 Jun 30 j 11:41	12°♉36'51	
	-10158 Jul 13 j 11:11	0°♊	
evening max el	-10158 Jul 17 j 19:01	4°♊47'10	23°08'00
retrograde	-10158 Jul 27 j 22:08	10°♊47'31	
evening set	-10158 Aug 01 j 20:48	8°♊42'37	
inferior conj	-10158 Aug 07 j 02:18	2°♊27'51	-1°09'18
minimum elong	-10158 Aug 07 j 03:44	2°♊22'57	1°08'16
min. Earth dist.	-10158 Aug 06 j 22:03	2°♊42'30	0.67251 AU
	-10158 Aug 08 j 22:04	30°℞♉	

asc. node	-10158 Aug 10 j 18:07	27°♉48'07	
morning rise	-10158 Aug 12 j 10:34	26°♉12'59	
direct	-10158 Aug 16 j 16:57	24°♉32'24	
morning max el	-10158 Aug 25 j 16:58	29°♉55'36	21°43'47
	-10158 Aug 25 j 18:41	0°♊	
	-10158 Sep 16 j 20:38	0°♋	
morning set	-10158 Sep 26 j 05:25	14°♋29'29	
desc. node	-10158 Sep 26 j 09:55	14°♋47'20	
max. Earth dist.	-10158 Oct 03 j 08:35	26°♋01'53	1.41934 AU
	-10158 Oct 05 j 17:46	0°♌	
superior conj	-10158 Oct 10 j 17:10	8°♌29'36	-1°19'12
minimum elong	-10158 Oct 10 j 12:47	8°♌10'35	1°18'19
evening rise	-10158 Oct 21 j 14:07	27°♌58'13	
	-10158 Oct 22 j 16:46	0°♍	
asc. node	-10158 Nov 06 j 17:01	23°♍44'55	
evening max el	-10158 Nov 06 j 23:39	24°♍01'40	18°09'16
retrograde	-10158 Nov 13 j 21:57	27°♍34'58	
evening set	-10158 Nov 16 j 11:13	27°♍06'31	
inferior conj	-10158 Nov 23 j 10:04	22°♍08'27	3°59'58
minimum elong	-10158 Nov 23 j 07:10	22°♍15'11	3°59'43
min. Earth dist.	-10158 Nov 26 j 10:23	19°♍22'17	0.61089 AU
morning rise	-10158 Nov 30 j 01:53	16°♍31'20	
direct	-10158 Dec 07 j 01:21	14°♍13'00	
morning max el	-10158 Dec 21 j 00:12	21°♍41'22	27°22'21
desc. node	-10158 Dec 23 j 11:01	24°♍11'40	
	-10158 Dec 28 j 09:14	0°♎	
	-10157 Jan 16 j 06:03	0°♏	
morning set	-10157 Jan 21 j 21:59	11°♏12'38	
max. Earth dist.	-10157 Jan 28 j 05:24	24°♏37'57	1.32843 AU
superior conj	-10157 Jan 29 j 01:56	26°♏29'46	-0°43'00
minimum elong	-10157 Jan 29 j 03:36	26°♏38'49	0°43'09
	-10157 Jan 30 j 16:29	0°♐	
asc. node	-10157 Feb 02 j 14:54	6°♐21'46	
evening rise	-10157 Feb 05 j 02:30	11°♐38'33	
	-10157 Feb 14 j 13:59	0°♑	
evening max el	-10157 Mar 03 j 22:30	23°♑45'29	25°16'09
	-10157 Mar 13 j 04:44	0°♒	
retrograde	-10157 Mar 17 j 23:15	0°♒53'06	
desc. node	-10157 Mar 21 j 11:26	0°♒24'07	
	-10157 Mar 22 j 17:36	30°℞♑	
evening set	-10157 Mar 23 j 01:34	29°♑52'30	
min. Earth dist.	-10157 Mar 28 j 11:38	26°♑54'57	0.57616 AU
inferior conj	-10157 Mar 31 j 12:12	24°♑50'00	-2°22'25
minimum elong	-10157 Mar 31 j 08:09	24°♑57'02	2°21'59
morning rise	-10157 Apr 08 j 17:56	20°♑32'29	
direct	-10157 Apr 11 j 01:07	20°♑16'21	
morning max el	-10157 Apr 19 j 16:49	24°♑21'46	19°00'06
	-10157 Apr 24 j 11:26	0°♒	
asc. node	-10157 May 01 j 14:22	11°♒46'39	
morning set	-10157 May 06 j 08:21	20°♒52'47	
	-10157 May 10 j 23:37	0°♓	
superior conj	-10157 May 14 j 23:56	7°♓46'57	1°38'46
minimum elong	-10157 May 14 j 21:15	7°♓34'05	1°38'18
max. Earth dist.	-10157 May 21 j 13:19	19°♓58'54	1.38518 AU
evening rise	-10157 May 25 j 13:47	27°♓05'38	
	-10157 May 27 j 06:20	0°♈	
	-10157 Jun 15 j 13:30	0°♉	
desc. node	-10157 Jun 17 j 09:04	2°♉31'12	
evening max el	-10157 Jun 30 j 05:29	18°♉08'55	24°29'34
retrograde	-10157 Jul 11 j 11:51	24°♉47'31	
evening set	-10157 Jul 17 j 01:31	22°♉22'32	
min. Earth dist.	-10157 Jul 21 j 16:31	16°♉58'41	0.67051 AU
inferior conj	-10157 Jul 22 j 07:56	16°♉06'45	-1°54'20
minimum elong	-10157 Jul 22 j 10:06	15°♉59'26	1°53'13

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10157 Jul 27 j 18:38	9°♉59'34		
asc. node	-10157 Jul 28 j 15:03	9°♉26'23		
direct	-10157 Jul 31 j 13:44	8°♉36'40		
morning max el	-10157 Aug 08 j 13:44	13°♉19'37	20°29'33	
	-10157 Aug 21 j 06:06	0°♊		
morning set	-10157 Sep 05 j 09:01	22°♊58'08		
	-10157 Sep 09 j 20:53	0°♋		
desc. node	-10157 Sep 13 j 06:55	5°♋24'52		
max. Earth dist.	-10157 Sep 15 j 18:17	9°♋22'37	1.43443 AU	
superior conj	-10157 Sep 21 j 11:19	18°♋41'04	-0°48'26	
minimum elong	-10157 Sep 21 j 06:54	18°♋22'48	0°47'21	
	-10157 Sep 28 j 05:04	0°♌		
evening rise	-10157 Oct 04 j 03:40	10°♌15'24		
	-10157 Oct 15 j 21:01	0°♍		
evening max el	-10157 Oct 21 j 12:23	7°♍18'02	18°10'06	
asc. node	-10157 Oct 24 j 14:16	9°♍47'17		
retrograde	-10157 Oct 28 j 03:35	10°♍50'43		
evening set	-10157 Oct 30 j 19:29	10°♍15'18		
inferior conj	-10157 Nov 06 j 07:21	4°♍57'04	3°26'39	
minimum elong	-10157 Nov 06 j 03:39	5°♍06'43	3°26'06	
min. Earth dist.	-10157 Nov 08 j 20:02	2°♍19'12	0.62837 AU	
	-10157 Nov 11 j 07:20	30°℞♌		
morning rise	-10157 Nov 12 j 10:56	29°♌04'46		
direct	-10157 Nov 19 j 12:33	26°♌25'44		
	-10157 Nov 28 j 14:14	0°♍		
morning max el	-10157 Dec 03 j 06:12	3°♍58'57	27°35'44	
desc. node	-10157 Dec 10 j 07:44	11°♍52'45		
	-10157 Dec 22 j 21:14	0°♎		
morning set	-10156 Jan 06 j 00:15	25°♎42'37		
	-10156 Jan 08 j 02:41	0°♏		
max. Earth dist.	-10156 Jan 11 j 14:16	7°♏19'27	1.33257 AU	
superior conj	-10156 Jan 13 j 11:52	11°♏23'59	-1°03'09	
minimum elong	-10156 Jan 13 j 14:01	11°♏35'39	1°03'10	
evening rise	-10156 Jan 20 j 13:47	26°♏36'14		
asc. node	-10156 Jan 20 j 12:06	26°♏27'20		
	-10156 Jan 22 j 05:00	0°♐		
	-10156 Feb 09 j 07:54	0°♑		
evening max el	-10156 Feb 13 j 15:31	4°♑37'42	23°46'14	
retrograde	-10156 Feb 27 j 05:15	11°♑19'19		
evening set	-10156 Mar 02 j 04:22	10°♑44'37		
desc. node	-10156 Mar 07 j 08:30	8°♑29'34		
min. Earth dist.	-10156 Mar 09 j 04:09	7°♑26'15	0.56166 AU	
inferior conj	-10156 Mar 11 j 04:37	6°♑12'29	-0°58'56	
minimum elong	-10156 Mar 11 j 02:15	6°♑16'06	0°58'47	
morning rise	-10156 Mar 20 j 02:51	2°♑08'28		
direct	-10156 Mar 22 j 08:12	1°♑55'45		
morning max el	-10156 Apr 01 j 12:56	6°♑43'39	19°58'16	
	-10156 Apr 16 j 18:58	0°♒		
asc. node	-10156 Apr 17 j 11:14	1°♒19'56		
morning set	-10156 Apr 19 j 10:20	5°♒15'06		
superior conj	-10156 Apr 27 j 09:58	21°♒24'33	1°22'34	
minimum elong	-10156 Apr 27 j 06:59	21°♒09'42	1°21'49	
	-10156 May 01 j 19:15	0°♓		
max. Earth dist.	-10156 May 02 j 16:22	1°♓40'45	1.36748 AU	
evening rise	-10156 May 06 j 18:18	9°♓16'12		
	-10156 May 18 j 23:14	0°♈		
desc. node	-10156 Jun 03 j 06:28	21°♈57'31		
	-10156 Jun 10 j 03:15	0°♉		
evening max el	-10156 Jun 11 j 15:08	1°♉31'47	25°44'14	
retrograde	-10156 Jun 23 j 21:24	8°♉39'59		
evening set	-10156 Jun 30 j 01:21	5°♉59'28		
min. Earth dist.	-10156 Jul 04 j 07:16	1°♉14'19	0.66505 AU	
inferior conj	-10156 Jul 05 j 10:59	29°♈44'52	-2°33'56	
minimum elong	-10156 Jul 05 j 13:33	29°♈36'35	2°32'59	
	-10156 Jul 05 j 06:18	30°℞♈		
morning rise	-10156 Jul 11 j 01:49	23°♈48'24		
direct	-10156 Jul 14 j 11:37	22°♈41'02		
asc. node	-10156 Jul 14 j 11:55	22°♈41'02		
morning max el	-10156 Jul 21 j 17:07	26°♈50'32	19°27'53	
	-10156 Jul 24 j 11:36	0°♉		
	-10156 Aug 13 j 14:30	0°♊		
morning set	-10156 Aug 14 j 15:02	1°♊36'10		
max. Earth dist.	-10156 Aug 28 j 08:47	23°♊14'17	1.44369 AU	
desc. node	-10156 Aug 30 j 03:58	26°♊05'46		
superior conj	-10156 Aug 31 j 02:28	27°♊35'24	-0°05'42	
minimum elong	-10156 Aug 31 j 01:51	27°♊32'55	0°05'03	
behind sun begin	-10156 Aug 30 j 15:09	26°♊50'17		
behind sun end	-10156 Aug 31 j 12:33	28°♊15'37		
	-10156 Sep 01 j 14:40	0°♋		
evening rise	-10156 Sep 14 j 19:55	21°♋32'37		
	-10156 Sep 19 j 22:18	0°♌		
evening max el	-10156 Oct 04 j 01:39	20°♌42'43	18°29'22	
asc. node	-10156 Oct 10 j 11:29	24°♌23'23		
retrograde	-10156 Oct 10 j 17:20	24°♌23'42		
evening set	-10156 Oct 13 j 14:01	23°♌38'51		
inferior conj	-10156 Oct 19 j 16:26	18°♌03'32	2°42'51	
minimum elong	-10156 Oct 19 j 13:01	18°♌13'24	2°42'14	
min. Earth dist.	-10156 Oct 21 j 15:58	15°♌46'42	0.64323 AU	
morning rise	-10156 Oct 25 j 11:23	11°♌59'08		
direct	-10156 Nov 01 j 06:51	9°♌13'07		
morning max el	-10156 Nov 14 j 15:33	16°♌46'46	27°15'14	
	-10156 Nov 25 j 18:59	0°♍		
desc. node	-10156 Nov 26 j 04:25	0°♍32'13		
	-10156 Dec 14 j 14:38	0°♎		
morning set	-10156 Dec 19 j 18:09	9°♎43'36		
max. Earth dist.	-10156 Dec 24 j 15:15	19°♎32'14	1.34060 AU	
superior conj	-10156 Dec 27 j 18:14	26°♎04'04	-1°20'24	
minimum elong	-10156 Dec 27 j 20:30	26°♎16'02	1°20'20	
	-10156 Dec 29 j 14:43	0°♏		
evening rise	-10155 Jan 04 j 00:33	11°♏28'01		
asc. node	-10155 Jan 06 j 09:21	16°♏20'10		
	-10155 Jan 13 j 16:52	0°♐		
evening max el	-10155 Jan 25 j 10:35	15°♐31'50	22°12'44	
retrograde	-10155 Feb 07 j 00:08	21°♐32'29		
evening set	-10155 Feb 10 j 02:07	21°♐11'32		
inferior conj	-10155 Feb 19 j 05:56	17°♐04'01	0°46'44	
minimum elong	-10155 Feb 19 j 07:57	17°♐01'08	0°45'31	
min. Earth dist.	-10155 Feb 18 j 19:15	17°♐19'16	0.55443 AU	
desc. node	-10155 Feb 22 j 05:30	15°♐24'43		
morning rise	-10155 Feb 28 j 14:36	13°♐00'25		
direct	-10155 Mar 03 j 01:29	12°♐46'37		
morning max el	-10155 Mar 14 j 22:20	18°♐26'34	21°15'06	
	-10155 Mar 24 j 00:06	0°♑		
morning set	-10155 Apr 03 j 17:56	19°♑58'58		
asc. node	-10155 Apr 04 j 08:09	21°♑12'11		
	-10155 Apr 08 j 13:28	0°♒		
superior conj	-10155 Apr 11 j 06:20	5°♒36'58	1°02'19	
minimum elong	-10155 Apr 11 j 03:49	5°♒23'55	1°01'25	
max. Earth dist.	-10155 Apr 15 j 03:42	13°♒31'26	1.35269 AU	
evening rise	-10155 Apr 19 j 17:34	22°♒26'34		
	-10155 Apr 23 j 19:38	0°♓		
	-10155 May 12 j 16:00	0°♈		
desc. node	-10155 May 21 j 03:52	10°♈44'17		
evening max el	-10155 May 25 j 01:40	14°♈53'18	26°43'23	
retrograde	-10155 Jun 07 j 02:15	22°♈18'54		
evening set	-10155 Jun 13 j 17:56	19°♈31'11		
min. Earth dist.	-10155 Jun 17 j 16:10	15°♈24'53	0.65583 AU	
inferior conj	-10155 Jun 19 j 09:30	13°♈20'05	-3°06'18	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10155 Jun 19 j 11:59	13°♈12'35	3°05'44
morning rise	-10155 Jun 25 j 06:17	7°♈37'07	
direct	-10155 Jun 28 j 08:47	6°♈42'51	
asc. node	-10155 Jul 01 j 08:45	7°♈31'17	
morning max el	-10155 Jul 05 j 02:05	10°♈27'13	18°41'35
	-10155 Jul 18 j 19:13	0°♉	
morning set	-10155 Jul 25 j 16:50	11°♉10'18	
	-10155 Aug 06 j 10:27	0°♊	
superior conj	-10155 Aug 10 j 02:34	5°♊49'16	0°40'56
minimum elong	-10155 Aug 10 j 07:26	6°♊08'30	0°40'51
max. Earth dist.	-10155 Aug 11 j 01:22	7°♊19'25	1.44610 AU
desc. node	-10155 Aug 17 j 01:07	16°♊47'12	
	-10155 Aug 25 j 09:21	0°♋	
evening rise	-10155 Aug 26 j 10:04	1°♋38'10	
	-10155 Sep 13 j 23:27	0°♌	
evening max el	-10155 Sep 17 j 12:46	4°♌11'24	19°05'53
retrograde	-10155 Sep 24 j 11:49	8°♌08'58	
asc. node	-10155 Sep 27 j 08:39	7°♌21'38	
evening set	-10155 Sep 27 j 15:38	7°♌11'36	
inferior conj	-10155 Oct 03 j 10:15	1°♌22'21	1°53'20
minimum elong	-10155 Oct 03 j 07:43	1°♌30'16	1°52'56
	-10155 Oct 04 j 12:38	30°℞♋	
min. Earth dist.	-10155 Oct 04 j 20:59	29°♋34'08	0.65505 AU
morning rise	-10155 Oct 08 j 23:22	25°♋09'19	
direct	-10155 Oct 15 j 07:36	22°♋28'07	
morning max el	-10155 Oct 28 j 01:38	29°♋52'25	26°26'09
	-10155 Oct 28 j 04:41	0°♌	
desc. node	-10155 Nov 13 j 01:07	19°♌53'04	
	-10155 Nov 19 j 16:30	0°♍	
morning set	-10155 Dec 02 j 23:56	23°♍03'20	
	-10155 Dec 06 j 14:49	0°♎	
max. Earth dist.	-10155 Dec 07 j 05:22	1°♎11'27	1.35300 AU
superior conj	-10155 Dec 11 j 18:46	10°♎22'07	-1°33'34
minimum elong	-10155 Dec 11 j 20:36	10°♎31'31	1°33'28
evening rise	-10155 Dec 19 j 09:05	26°♎07'42	
	-10155 Dec 21 j 06:39	0°♏	
asc. node	-10155 Dec 24 j 06:39	5°♏54'01	
evening max el	-10154 Jan 07 j 12:52	26°♏48'35	20°47'21
	-10154 Jan 11 j 17:11	0°♐	
retrograde	-10154 Jan 18 j 14:19	2°♐00'18	
evening set	-10154 Jan 21 j 06:07	1°♐43'30	
	-10154 Jan 26 j 01:01	30°℞♏	
inferior conj	-10154 Jan 30 j 03:13	27°♏45'12	2°28'50
minimum elong	-10154 Jan 30 j 08:42	27°♏37'13	2°26'52
min. Earth dist.	-10154 Jan 31 j 09:24	27°♏01'18	0.55604 AU
morning rise	-10154 Feb 08 j 09:56	23°♏26'24	
desc. node	-10154 Feb 09 j 02:24	23°♏17'39	
direct	-10154 Feb 11 j 16:33	23°♏02'48	
morning max el	-10154 Feb 24 j 20:52	29°♏30'29	22°46'38
	-10154 Feb 25 j 09:03	0°♐	
	-10154 Mar 16 j 19:09	0°♑	
morning set	-10154 Mar 19 j 04:55	4°♑56'25	
asc. node	-10154 Mar 22 j 05:08	11°♑17'20	
superior conj	-10154 Mar 26 j 09:50	20°♑13'23	0°39'45
minimum elong	-10154 Mar 26 j 08:09	20°♑04'28	0°38'52
max. Earth dist.	-10154 Mar 29 j 01:27	25°♑47'34	1.34142 AU
	-10154 Mar 31 j 02:26	0°♒	
evening rise	-10154 Apr 03 j 06:18	6°♒19'59	
	-10154 Apr 16 j 10:49	0°♓	
evening max el	-10154 May 07 j 12:36	28°♓04'01	27°19'04
desc. node	-10154 May 08 j 01:15	28°♓34'23	
	-10154 May 09 j 14:49	0°♈	
retrograde	-10154 May 21 j 01:33	5°♈35'56	
evening set	-10154 May 28 j 00:23	2°♈52'36	
	-10154 May 31 j 02:51	30°℞♓	
min. Earth dist.	-10154 May 31 j 17:15	29°♓21'48	0.64269 AU
inferior conj	-10154 Jun 03 j 01:03	26°♓47'47	-3°29'02
minimum elong	-10154 Jun 03 j 02:49	26°♓42'53	3°28'56
morning rise	-10154 Jun 09 j 05:51	21°♓20'59	
direct	-10154 Jun 12 j 02:48	20°♓37'38	
asc. node	-10154 Jun 18 j 05:34	23°♓43'28	
morning max el	-10154 Jun 18 j 14:43	24°♓05'54	18°12'21
	-10154 Jun 23 j 09:08	0°♈	
morning set	-10154 Jul 06 j 20:18	21°♈56'16	
	-10154 Jul 11 j 15:15	0°♉	
superior conj	-10154 Jul 20 j 09:43	14°♉25'19	1°19'22
minimum elong	-10154 Jul 20 j 16:12	14°♉51'30	1°19'09
max. Earth dist.	-10154 Jul 24 j 17:21	21°♉21'24	1.44143 AU
	-10154 Jul 30 j 04:23	0°♊	
desc. node	-10154 Aug 03 j 22:23	7°♊26'03	
evening rise	-10154 Aug 05 j 22:47	10°♊34'21	
greatest brilliancy	-10154 Aug 18 j 17:30	0°♋09'39	-0.7m
	-10154 Aug 18 j 14:55	0°♋	
evening max el	-10154 Aug 31 j 19:18	17°♋40'11	19°58'17
retrograde	-10154 Sep 08 j 08:22	22°♋02'58	
evening set	-10154 Sep 11 j 21:39	20°♋49'42	
asc. node	-10154 Sep 14 j 05:46	18°♋44'41	
inferior conj	-10154 Sep 17 j 10:13	14°♋49'34	1°01'20
minimum elong	-10154 Sep 17 j 08:48	14°♋54'11	1°01'22
min. Earth dist.	-10154 Sep 18 j 09:11	13°♋33'51	0.66373 AU
morning rise	-10154 Sep 22 j 19:42	8°♋31'29	
direct	-10154 Sep 28 j 13:57	6°♋03'29	
morning max el	-10154 Oct 10 j 11:11	13°♋05'43	25°16'28
	-10154 Oct 24 j 05:27	0°♌	
desc. node	-10154 Oct 30 j 21:52	9°♌43'24	
	-10154 Nov 12 j 10:16	0°♍	
morning set	-10154 Nov 15 j 12:50	5°♍28'18	
max. Earth dist.	-10154 Nov 19 j 09:17	12°♍31'00	1.36956 AU
superior conj	-10154 Nov 25 j 10:34	24°♍09'26	-1°41'05
minimum elong	-10154 Nov 25 j 11:18	24°♍13'02	1°40'57
	-10154 Nov 28 j 08:51	0°♎	
evening rise	-10154 Dec 03 j 13:29	10°♎29'47	
asc. node	-10154 Dec 11 j 03:59	25°♎01'38	
	-10154 Dec 14 j 04:14	0°♏	
evening max el	-10154 Dec 21 j 01:02	8°♏38'19	19°37'39
retrograde	-10154 Dec 30 j 12:19	13°♏06'24	
evening set	-10153 Jan 02 j 01:09	12°♏48'40	
inferior conj	-10153 Jan 10 j 09:44	8°♏42'24	3°40'42
minimum elong	-10153 Jan 10 j 14:31	8°♏34'42	3°39'34
min. Earth dist.	-10153 Jan 12 j 22:58	7°♏04'23	0.56591 AU
morning rise	-10153 Jan 19 j 01:45	3°♏59'31	
direct	-10153 Jan 23 j 15:21	3°♏12'33	
desc. node	-10153 Jan 26 j 23:14	3°♏38'04	
morning max el	-10153 Feb 06 j 12:29	10°♏11'46	24°23'51
	-10153 Feb 21 j 06:46	0°♐	
morning set	-10153 Mar 03 j 17:21	20°♐00'52	
	-10153 Mar 08 j 09:27	0°♑	
asc. node	-10153 Mar 09 j 02:13	1°♑30'42	
superior conj	-10153 Mar 10 j 18:01	5°♑05'51	0°16'09
minimum elong	-10153 Mar 10 j 17:21	5°♑02'13	0°15'26
behind sun begin	-10153 Mar 10 j 16:20	4°♑56'43	
behind sun end	-10153 Mar 10 j 18:22	5°♑07'43	
max. Earth dist.	-10153 Mar 12 j 07:59	8°♑30'01	1.33360 AU
evening rise	-10153 Mar 18 j 04:31	20°♑43'34	
	-10153 Mar 22 j 22:22	0°♒	
	-10153 Apr 10 j 13:02	0°♓	
evening max el	-10153 Apr 19 j 21:49	10°♓51'35	27°25'04
desc. node	-10153 Apr 24 j 22:33	15°♓04'30	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10153 May 03 j 18:29	18°♓22'55	
evening set	-10153 May 10 j 17:21	15°♓57'08	
min. Earth dist.	-10153 May 14 j 09:05	12°♓53'38	0.62594 AU
inferior conj	-10153 May 17 j 06:42	10°♓02'03	-3°38'35
minimum elong	-10153 May 17 j 07:01	10°♓01'17	3°38'51
morning rise	-10153 May 23 j 21:54	4°♓53'52	
direct	-10153 May 26 j 14:34	4°♓19'48	
morning max el	-10153 Jun 02 j 04:44	7°♓42'02	18°01'10
asc. node	-10153 Jun 05 j 02:24	11°♓01'50	
	-10153 Jun 16 j 19:32	0°♈	
morning set	-10153 Jun 18 j 23:06	3°♈48'34	
superior conj	-10153 Jun 30 j 16:33	24°♈11'12	1°42'20
minimum elong	-10153 Jun 30 j 20:18	24°♈27'01	1°42'19
	-10153 Jul 04 j 04:05	0°♉	
max. Earth dist.	-10153 Jul 07 j 05:56	5°♉02'46	1.43037 AU
evening rise	-10153 Jul 15 j 23:24	18°♉56'57	
desc. node	-10153 Jul 21 j 19:42	27°♉58'27	
	-10153 Jul 23 j 03:39	0°♊	
	-10153 Aug 13 j 18:35	0°♋	
evening max el	-10153 Aug 14 j 19:21	1°♋05'17	21°04'30
retrograde	-10153 Aug 23 j 04:53	6°♋01'57	
evening set	-10153 Aug 27 j 05:49	4°♋29'48	
	-10153 Aug 31 j 08:58	30°℞♊	
asc. node	-10153 Sep 01 j 02:50	28°♊59'58	
inferior conj	-10153 Sep 01 j 14:06	28°♊21'37	0°09'07
minimum elong	-10153 Sep 01 j 13:53	28°♊22'22	0°09'37
transit middle	-10153 Sep 01 j 13:53	28°♊22'22	0°09'37
transit begin	-10153 Sep 01 j 11:41	28°♊29'52	
transit end	-10153 Sep 01 j 16:05	28°♊14'51	
min. Earth dist.	-10153 Sep 02 j 02:12	27°♊40'17	0.66939 AU
morning rise	-10153 Sep 06 j 21:48	22°♊02'01	
direct	-10153 Sep 12 j 01:21	19°♊51'48	
morning max el	-10153 Sep 22 j 20:55	26°♊20'36	23°55'03
	-10153 Sep 26 j 05:34	0°♋	
desc. node	-10153 Oct 17 j 18:41	29°♋53'55	
	-10153 Oct 17 j 20:15	0°♌	
morning set	-10153 Oct 28 j 03:14	16°♌43'09	
max. Earth dist.	-10153 Nov 01 j 07:52	23°♌59'31	1.38894 AU
	-10153 Nov 04 j 16:09	0°♍	
superior conj	-10153 Nov 08 j 13:40	7°♍13'51	-1°40'59
minimum elong	-10153 Nov 08 j 12:34	7°♍08'42	1°40'40
evening rise	-10153 Nov 17 j 11:23	24°♍27'16	
	-10153 Nov 20 j 08:10	0°♎	
asc. node	-10153 Nov 28 j 01:18	13°♎33'38	
evening max el	-10153 Dec 03 j 22:57	21°♎00'29	18°47'23
retrograde	-10153 Dec 12 j 03:04	24°♎57'25	
evening set	-10153 Dec 14 j 15:06	24°♎36'40	
inferior conj	-10153 Dec 22 j 09:55	20°♎12'21	4°12'57
minimum elong	-10153 Dec 22 j 11:18	20°♎09'49	4°12'46
min. Earth dist.	-10153 Dec 25 j 14:04	17°♎52'17	0.58161 AU
morning rise	-10153 Dec 30 j 05:30	15°♎05'06	
direct	-10152 Jan 05 j 01:36	13°♎42'31	
desc. node	-10152 Jan 13 j 20:01	16°♎40'06	
morning max el	-10152 Jan 19 j 03:58	20°♎58'39	25°52'48
	-10152 Jan 27 j 00:08	0°♏	
	-10152 Feb 13 j 18:12	0°♐	
morning set	-10152 Feb 16 j 05:30	5°♐05'32	
superior conj	-10152 Feb 23 j 04:55	20°♐07'26	-0°07'32
minimum elong	-10152 Feb 23 j 05:15	20°♐09'18	0°08'02
behind sun begin	-10152 Feb 23 j 00:55	19°♐45'36	
behind sun end	-10152 Feb 23 j 09:36	20°♐32'59	
asc. node	-10152 Feb 23 j 23:21	21°♐47'49	
max. Earth dist.	-10152 Feb 23 j 19:56	21°♐29'15	1.32899 AU
	-10152 Feb 27 j 18:41	0°♑	
evening rise	-10152 Mar 01 j 09:08	5°♑27'03	
	-10152 Mar 14 j 14:49	0°♒	
evening max el	-10152 Apr 01 j 02:46	23°♒05'15	26°58'26
desc. node	-10152 Apr 10 j 19:47	29°♒44'01	
	-10152 Apr 11 j 15:06	0°♓	
retrograde	-10152 Apr 15 j 04:11	0°♓32'28	
	-10152 Apr 18 j 15:09	30°℞♒	
evening set	-10152 Apr 21 j 17:26	28°♒36'12	
min. Earth dist.	-10152 Apr 25 j 15:50	25°♒46'44	0.60655 AU
inferior conj	-10152 Apr 28 j 23:03	22°♒55'42	-3°29'48
minimum elong	-10152 Apr 28 j 21:18	22°♒59'30	3°30'02
morning rise	-10152 May 06 j 03:19	18°♒07'47	
direct	-10152 May 08 j 16:12	17°♒41'49	
morning max el	-10152 May 15 j 17:32	21°♒09'49	18°08'45
asc. node	-10152 May 21 j 23:15	29°♒12'21	
	-10152 May 22 j 11:21	0°♓	
morning set	-10152 May 31 j 20:36	16°♓36'47	
	-10152 Jun 08 j 03:20	0°♈	
superior conj	-10152 Jun 11 j 02:37	5°♈19'07	1°49'50
minimum elong	-10152 Jun 11 j 02:52	5°♈20'16	1°49'48
max. Earth dist.	-10152 Jun 18 j 12:39	18°♈07'10	1.41447 AU
evening rise	-10152 Jun 24 j 10:25	27°♈50'00	
	-10152 Jun 25 j 18:50	0°♉	
desc. node	-10152 Jul 07 j 17:04	18°♉20'37	
	-10152 Jul 15 j 20:08	0°♊	
evening max el	-10152 Jul 27 j 12:32	14°♊26'43	22°21'09
retrograde	-10152 Aug 05 j 23:47	20°♊03'49	
evening set	-10152 Aug 10 j 14:07	18°♊10'53	
inferior conj	-10152 Aug 15 j 20:03	11°♊57'32	-0°41'29
minimum elong	-10152 Aug 15 j 20:55	11°♊54'31	0°40'36
min. Earth dist.	-10152 Aug 15 j 21:46	11°♊51'37	0.67218 AU
asc. node	-10152 Aug 17 j 23:50	9°♊03'00	
morning rise	-10152 Aug 21 j 03:38	5°♊39'53	
direct	-10152 Aug 25 j 17:12	3°♊48'46	
morning max el	-10152 Sep 04 j 09:02	9°♊36'55	22°30'37
	-10152 Sep 20 j 04:58	0°♋	
desc. node	-10152 Oct 03 j 15:34	20°♋18'34	
morning set	-10152 Oct 07 j 14:56	26°♋39'36	
	-10152 Oct 09 j 16:04	0°♌	
max. Earth dist.	-10152 Oct 13 j 07:33	6°♌04'19	1.40875 AU
superior conj	-10152 Oct 20 j 23:02	19°♌21'59	-1°30'44
minimum elong	-10152 Oct 20 j 19:42	19°♌07'06	1°30'04
	-10152 Oct 26 j 18:44	0°♍	
evening rise	-10152 Oct 30 j 23:52	7°♍53'04	
	-10152 Nov 12 j 22:06	0°♎	
asc. node	-10152 Nov 13 j 22:35	1°♎18'51	
evening max el	-10152 Nov 16 j 04:50	3°♎49'47	18°17'27
retrograde	-10152 Nov 23 j 11:27	7°♎28'31	
evening set	-10152 Nov 25 j 23:45	7°♎03'26	
inferior conj	-10152 Dec 03 j 05:35	2°♎17'52	4°11'44
minimum elong	-10152 Dec 03 j 03:48	2°♎21'40	4°11'40
	-10152 Dec 05 j 22:03	30°℞♍	
min. Earth dist.	-10152 Dec 06 j 10:14	29°♍34'51	0.60009 AU
morning rise	-10152 Dec 10 j 06:17	26°♍50'16	
direct	-10152 Dec 16 j 23:14	24°♍49'49	
	-10152 Dec 28 j 12:07	0°♎	
desc. node	-10152 Dec 30 j 16:46	1°♎56'59	
morning max el	-10152 Dec 31 j 00:31	2°♎15'28	26°58'46
	-10151 Jan 20 j 04:22	0°♏	
morning set	-10151 Jan 30 j 15:27	20°♏03'07	
	-10151 Feb 04 j 07:35	0°♐	
superior conj	-10151 Feb 06 j 16:45	5°♐11'27	-0°30'27
minimum elong	-10151 Feb 06 j 18:00	5°♐18'13	0°30'42
max. Earth dist.	-10151 Feb 06 j 09:29	4°♐31'45	1.32763 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10151 Feb 09 j 20:30	12°♐04'10	
evening rise	-10151 Feb 13 j 17:50	20°♐21'45	
	-10151 Feb 18 j 12:32	0°♑	
	-10151 Mar 09 j 16:45	0°♒	
evening max el	-10151 Mar 14 j 02:02	4°♒40'17	26°00'45
retrograde	-10151 Mar 28 j 05:04	11°♒58'19	
desc. node	-10151 Mar 28 j 16:57	11°♒57'43	
evening set	-10151 Apr 02 j 22:12	10°♒38'05	
min. Earth dist.	-10151 Apr 07 j 15:14	7°♒47'10	0.58663 AU
inferior conj	-10151 Apr 10 j 22:22	5°♒19'03	-2°55'53
minimum elong	-10151 Apr 10 j 18:43	5°♒25'57	2°55'43
morning rise	-10151 Apr 18 j 18:20	0°♒51'18	
direct	-10151 Apr 21 j 03:22	0°♒32'12	
morning max el	-10151 Apr 29 j 02:11	4°♒19'52	18°35'39
asc. node	-10151 May 08 j 20:06	18°♒02'19	
morning set	-10151 May 15 j 08:06	0°♓09'11	
	-10151 May 15 j 06:11	0°♓	
superior conj	-10151 May 24 j 11:35	17°♓37'01	1°45'19
minimum elong	-10151 May 24 j 09:34	17°♓27'36	1°45'03
	-10151 May 31 j 07:41	0°♈	
max. Earth dist.	-10151 May 31 j 13:52	0°♈27'08	1.39598 AU
evening rise	-10151 Jun 04 j 22:46	7°♈57'58	
	-10151 Jun 18 j 19:26	0°♉	
desc. node	-10151 Jun 24 j 14:26	8°♉26'54	
evening max el	-10151 Jul 10 j 00:31	27°♉46'53	23°43'01
	-10151 Jul 12 j 09:14	0°♊	
retrograde	-10151 Jul 20 j 15:45	4°♊05'02	
evening set	-10151 Jul 25 j 20:40	1°♊51'18	
	-10151 Jul 27 j 16:38	30°℞♉	
min. Earth dist.	-10151 Jul 30 j 17:23	26°♉06'01	0.67200 AU
inferior conj	-10151 Jul 31 j 02:16	25°♉35'33	-1°28'59
minimum elong	-10151 Jul 31 j 04:03	25°♉29'28	1°27'54
asc. node	-10151 Aug 04 j 20:47	19°♉53'25	
morning rise	-10151 Aug 05 j 11:21	19°♉23'22	
direct	-10151 Aug 09 j 12:36	17°♉50'38	
morning max el	-10151 Aug 18 j 02:02	22°♉56'41	21°10'51
	-10151 Aug 24 j 00:45	0°♊	
	-10151 Sep 13 j 13:59	0°♋	
morning set	-10151 Sep 17 j 02:23	5°♋28'15	
desc. node	-10151 Sep 20 j 12:32	10°♋52'28	
max. Earth dist.	-10151 Sep 25 j 12:43	18°♋56'27	1.42626 AU
superior conj	-10151 Oct 02 j 08:51	0°♌19'11	-1°07'50
minimum elong	-10151 Oct 02 j 04:04	29°♋58'53	1°06'48
	-10151 Oct 02 j 04:20	0°♌	
evening rise	-10151 Oct 13 j 23:06	20°♌38'06	
	-10151 Oct 19 j 05:13	0°♍	
evening max el	-10151 Oct 30 j 15:58	16°♍58'52	18°07'26
asc. node	-10151 Oct 31 j 19:50	18°♍03'33	
retrograde	-10151 Nov 06 j 10:22	20°♍30'44	
evening set	-10151 Nov 09 j 00:27	19°♍59'41	
inferior conj	-10151 Nov 15 j 18:29	14°♍53'06	3°47'33
minimum elong	-10151 Nov 15 j 15:04	15°♍01'25	3°47'09
min. Earth dist.	-10151 Nov 18 j 14:27	12°♍08'08	0.61852 AU
morning rise	-10151 Nov 22 j 04:35	9°♍09'08	
direct	-10151 Nov 29 j 06:16	6°♍39'52	
morning max el	-10151 Dec 13 j 03:18	14°♍11'26	27°32'21
desc. node	-10151 Dec 17 j 13:29	18°♍54'25	
	-10151 Dec 26 j 00:50	0°♎	
	-10150 Jan 12 j 12:18	0°♏	
morning set	-10150 Jan 14 j 21:15	4°♏46'20	
max. Earth dist.	-10150 Jan 20 j 21:05	17°♏24'57	1.32968 AU
superior conj	-10150 Jan 22 j 03:55	20°♏12'01	-0°51'50
minimum elong	-10150 Jan 22 j 05:50	20°♏22'24	0°51'54
	-10150 Jan 26 j 16:21	0°♐	

asc. node	-10150 Jan 27 j 17:41	2°♐15'40	
evening rise	-10150 Jan 29 j 04:42	5°♐21'02	
	-10150 Feb 11 j 11:13	0°♑	
evening max el	-10150 Feb 23 j 20:38	15°♑44'41	24°39'18
retrograde	-10150 Mar 09 j 18:33	22°♑43'10	
evening set	-10150 Mar 14 j 08:47	21°♑55'18	
desc. node	-10150 Mar 15 j 14:02	21°♑27'26	
min. Earth dist.	-10150 Mar 20 j 09:56	18°♑50'01	0.56928 AU
inferior conj	-10150 Mar 23 j 02:08	17°♑05'26	-1°50'48
minimum elong	-10150 Mar 22 j 22:23	17°♑11'35	1°50'20
morning rise	-10150 Mar 31 j 15:08	12°♑54'26	
direct	-10150 Apr 02 j 20:54	12°♑40'13	
morning max el	-10150 Apr 12 j 03:42	17°♑02'33	19°22'19
	-10150 Apr 21 j 15:54	0°♒	
asc. node	-10150 Apr 25 j 16:59	7°♒22'30	
morning set	-10150 Apr 29 j 05:45	14°♒16'18	
	-10150 May 07 j 03:42	0°♓	
superior conj	-10150 May 07 j 13:55	0°♓49'51	1°32'31
minimum elong	-10150 May 07 j 11:00	0°♓35'35	1°31'55
max. Earth dist.	-10150 May 13 j 14:33	12°♓16'29	1.37746 AU
evening rise	-10150 May 17 j 14:04	19°♓28'10	
	-10150 May 23 j 17:29	0°♈	
desc. node	-10150 Jun 11 j 11:49	28°♈10'33	
	-10150 Jun 12 j 21:01	0°♉	
evening max el	-10150 Jun 22 j 10:28	11°♉09'41	25°02'44
retrograde	-10150 Jul 04 j 03:46	18°♉02'13	
evening set	-10150 Jul 09 j 23:33	15°♉30'11	
min. Earth dist.	-10150 Jul 14 j 10:40	10°♉22'17	0.66863 AU
inferior conj	-10150 Jul 15 j 07:03	9°♉14'36	-2°11'54
minimum elong	-10150 Jul 15 j 09:26	9°♉06'41	2°10'51
morning rise	-10150 Jul 20 j 19:16	3°♉11'19	
asc. node	-10150 Jul 22 j 17:40	2°♉11'32	
direct	-10150 Jul 24 j 10:11	1°♉55'11	
morning max el	-10150 Aug 01 j 01:32	6°♉23'07	20°01'27
	-10150 Aug 18 j 04:13	0°♊	
morning set	-10150 Aug 27 j 04:16	13°♊52'58	
	-10150 Sep 06 j 10:29	0°♋	
desc. node	-10150 Sep 07 j 09:32	1°♋31'44	
max. Earth dist.	-10150 Sep 08 j 00:26	2°♋31'11	1.43914 AU
superior conj	-10150 Sep 12 j 15:01	9°♋56'14	-0°31'27
minimum elong	-10150 Sep 12 j 11:44	9°♋42'52	0°30'27
	-10150 Sep 24 j 16:44	0°♌	
evening rise	-10150 Sep 26 j 04:13	2°♌30'54	
	-10150 Oct 13 j 21:43	0°♍	
evening max el	-10150 Oct 14 j 05:21	0°♍19'47	18°16'15
asc. node	-10150 Oct 18 j 17:04	3°♍31'15	
retrograde	-10150 Oct 20 j 19:45	3°♍54'36	
evening set	-10150 Oct 23 j 13:31	3°♍15'25	
	-10150 Oct 27 j 19:45	30°℞♌	
inferior conj	-10150 Oct 29 j 21:09	27°♌49'46	3°09'02
minimum elong	-10150 Oct 29 j 17:28	27°♌59'49	3°08'25
min. Earth dist.	-10150 Nov 01 j 04:20	25°♌19'38	0.63503 AU
morning rise	-10150 Nov 04 j 20:42	21°♌52'15	
direct	-10150 Nov 11 j 20:43	19°♌08'28	
morning max el	-10150 Nov 25 j 10:47	26°♌42'18	27°30'59
	-10150 Nov 28 j 14:32	0°♍	
desc. node	-10150 Dec 04 j 10:11	7°♍02'49	
	-10150 Dec 19 j 13:27	0°♎	
morning set	-10150 Dec 29 j 20:19	19°♎05'12	
max. Earth dist.	-10149 Jan 04 j 02:55	29°♎55'01	1.33546 AU
	-10149 Jan 04 j 03:52	0°♏	
superior conj	-10149 Jan 06 j 12:35	5°♏01'25	-1°10'53
minimum elong	-10149 Jan 06 j 14:51	5°♏13'31	1°10'51
evening rise	-10149 Jan 13 j 15:58	20°♏17'15	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10149 Jan 14 j 14:54	22°♏16'49		
	-10149 Jan 18 j 11:06	0°♐		
evening max el	-10149 Feb 05 j 14:02	26°♐35'39	23°06'13	
	-10149 Feb 09 j 19:40	0°♑		
retrograde	-10149 Feb 18 j 18:55	3°♑00'37		
evening set	-10149 Feb 22 j 07:57	2°♑33'13		
	-10149 Feb 28 j 09:17	30°℞♐		
min. Earth dist.	-10149 Mar 02 j 01:45	29°♐02'28	0.55765 AU	
desc. node	-10149 Mar 02 j 11:04	28°♐48'52		
inferior conj	-10149 Mar 03 j 11:12	28°♐13'26	-0°15'42	
minimum elong	-10149 Mar 03 j 10:30	28°♐14'28	0°16'03	
morning rise	-10149 Mar 12 j 14:58	24°♐11'11		
direct	-10149 Mar 14 j 21:32	23°♐58'36		
morning max el	-10149 Mar 25 j 19:19	29°♐08'06	20°28'41	
	-10149 Mar 26 j 16:29	0°♑		
asc. node	-10149 Apr 12 j 13:53	27°♑04'54		
morning set	-10149 Apr 13 j 10:28	28°♑49'08		
	-10149 Apr 14 j 00:23	0°♒		
superior conj	-10149 Apr 21 j 04:48	14°♒43'38	1°14'21	
minimum elong	-10149 Apr 21 j 01:57	14°♒29'11	1°13'31	
max. Earth dist.	-10149 Apr 25 j 20:59	24°♒00'53	1.36089 AU	
	-10149 Apr 29 j 00:09	0°♓		
evening rise	-10149 Apr 30 j 03:18	2°♓06'37		
	-10149 May 16 j 17:57	0°♈		
desc. node	-10149 May 29 j 09:12	17°♈21'58		
evening max el	-10149 Jun 04 j 20:41	24°♈33'59	26°11'47	
	-10149 Jun 11 j 14:54	0°♉		
retrograde	-10149 Jun 17 j 11:15	1°♉50'08		
	-10149 Jun 22 j 17:12	30°℞♈		
evening set	-10149 Jun 23 j 20:38	29°♈05'34		
min. Earth dist.	-10149 Jun 27 j 23:12	24°♈37'03	0.66166 AU	
inferior conj	-10149 Jun 29 j 08:29	22°♈52'25	-2°48'40	
minimum elong	-10149 Jun 29 j 11:05	22°♈44'15	2°47'53	
morning rise	-10149 Jul 05 j 01:36	17°♈01'18		
direct	-10149 Jul 08 j 08:10	15°♈59'37		
asc. node	-10149 Jul 09 j 14:32	16°♈08'31		
morning max el	-10149 Jul 15 j 07:28	19°♈56'59	19°06'10	
	-10149 Jul 23 j 01:48	0°♉		
morning set	-10149 Aug 06 j 17:21	22°♉51'55		
	-10149 Aug 11 j 05:25	0°♊		
max. Earth dist.	-10149 Aug 21 j 16:45	16°♊33'07	1.44563 AU	
superior conj	-10149 Aug 22 j 21:30	18°♊26'59	0°14'21	
minimum elong	-10149 Aug 22 j 23:21	18°♊34'18	0°14'40	
behind sun begin	-10149 Aug 22 j 18:16	18°♊14'08		
behind sun end	-10149 Aug 23 j 04:27	18°♊54'27		
desc. node	-10149 Aug 25 j 06:38	22°♊13'30		
	-10149 Aug 30 j 03:41	0°♋		
evening rise	-10149 Sep 07 j 09:50	13°♋19'15		
	-10149 Sep 17 j 17:33	0°♌		
evening max el	-10149 Sep 27 j 18:04	13°♌47'00	18°42'52	
retrograde	-10149 Oct 04 j 11:55	17°♌33'48		
asc. node	-10149 Oct 05 j 14:16	17°♌27'00		
evening set	-10149 Oct 07 j 11:26	16°♌43'50		
inferior conj	-10149 Oct 13 j 10:18	11°♌02'01	2°22'18	
minimum elong	-10149 Oct 13 j 07:12	11°♌11'16	2°21'45	
min. Earth dist.	-10149 Oct 15 j 04:10	8°♌57'02	0.64865 AU	
morning rise	-10149 Oct 19 j 02:29	4°♌53'45		
direct	-10149 Oct 25 j 17:39	2°♌08'48		
morning max el	-10149 Nov 07 j 20:41	9°♌39'01	26°57'31	
desc. node	-10149 Nov 21 j 06:55	26°♌01'38		
	-10149 Nov 24 j 01:01	0°♍		
	-10149 Dec 11 j 21:56	0°♎		
morning set	-10149 Dec 13 j 09:33	2°♎49'42		
max. Earth dist.	-10149 Dec 17 j 23:41	11°♎53'54	1.34538 AU	
superior conj	-10149 Dec 21 j 16:46	19°♎32'44	-1°26'34	
minimum elong	-10149 Dec 21 j 18:55	19°♎44'00	1°26'29	
	-10149 Dec 26 j 15:51	0°♏		
evening rise	-10149 Dec 29 j 02:00	5°♏04'32		
asc. node	-10148 Jan 01 j 12:11	12°♏02'19		
	-10148 Jan 11 j 23:40	0°♐		
evening max el	-10148 Jan 18 j 11:31	7°♐36'31	21°34'49	
retrograde	-10148 Jan 30 j 10:20	13°♐16'36		
evening set	-10148 Feb 02 j 07:02	12°♐58'06		
inferior conj	-10148 Feb 11 j 09:02	8°♐56'34	1°32'19	
minimum elong	-10148 Feb 11 j 12:55	8°♐51'03	1°30'35	
min. Earth dist.	-10148 Feb 11 j 15:59	8°♐46'41	0.55406 AU	
desc. node	-10148 Feb 17 j 08:03	5°♐52'36		
morning rise	-10148 Feb 20 j 18:42	4°♐48'44		
direct	-10148 Feb 23 j 12:16	4°♐32'08		
morning max el	-10148 Mar 06 j 23:48	10°♐32'59	21°52'40	
	-10148 Mar 20 j 20:25	0°♑		
morning set	-10148 Mar 27 j 19:45	13°♑39'50		
asc. node	-10148 Mar 29 j 10:50	17°♑03'24		
superior conj	-10148 Apr 04 j 04:31	29°♑07'21	0°52'57	
minimum elong	-10148 Apr 04 j 02:19	28°♑55'51	0°52'02	
	-10148 Apr 04 j 14:37	0°♒		
max. Earth dist.	-10148 Apr 07 j 12:57	6°♒02'21	1.34749 AU	
evening rise	-10148 Apr 12 j 08:49	15°♒36'45		
	-10148 Apr 20 j 05:16	0°♓		
	-10148 May 10 j 06:20	0°♈		
desc. node	-10148 May 15 j 06:36	5°♈47'08		
evening max el	-10148 May 17 j 07:30	7°♈52'07	27°01'45	
retrograde	-10148 May 30 j 13:39	15°♈21'09		
evening set	-10148 Jun 06 j 09:18	12°♈33'30		
min. Earth dist.	-10148 Jun 10 j 04:50	8°♈43'20	0.65077 AU	
inferior conj	-10148 Jun 12 j 04:21	6°♈24'58	-3°17'19	
minimum elong	-10148 Jun 12 j 06:37	6°♈18'22	3°16'57	
morning rise	-10148 Jun 18 j 04:18	0°♈48'50		
	-10148 Jun 20 j 20:38	30°℞♓		
direct	-10148 Jun 21 j 04:18	29°♓59'26		
	-10148 Jun 21 j 12:00	0°♈		
asc. node	-10148 Jun 25 j 11:22	1°♈35'43		
morning max el	-10148 Jun 27 j 18:20	3°♈35'25	18°27'01	
	-10148 Jul 15 j 11:11	0°♉		
morning set	-10148 Jul 17 j 05:59	2°♉56'34		
superior conj	-10148 Jul 31 j 21:46	26°♉42'07	0°58'52	
minimum elong	-10148 Aug 01 j 03:59	27°♉06'52	0°58'39	
	-10148 Aug 02 j 23:35	0°♊		
max. Earth dist.	-10148 Aug 03 j 09:55	0°♊40'59	1.44498 AU	
desc. node	-10148 Aug 11 j 03:50	12°♊54'14		
evening rise	-10148 Aug 17 j 12:31	22°♊53'49		
	-10148 Aug 22 j 01:17	0°♋		
greatest brilliancy	-10148 Aug 27 j 12:08	8°♋28'45	-0.8m	
evening max el	-10148 Sep 10 j 03:26	27°♋15'38	19°26'16	
	-10148 Sep 13 j 08:08	0°♌		
retrograde	-10148 Sep 17 j 07:41	1°♌23'07		
evening set	-10148 Sep 20 j 15:14	0°♌19'19		
asc. node	-10148 Sep 21 j 11:25	29°♋43'11		
	-10148 Sep 21 j 02:33	30°℞♋		
inferior conj	-10148 Sep 26 j 07:02	24°♋24'45	1°31'24	
minimum elong	-10148 Sep 26 j 04:57	24°♋31'24	1°31'11	
min. Earth dist.	-10148 Sep 27 j 12:32	22°♋50'16	0.65910 AU	
morning rise	-10148 Oct 01 j 18:21	18°♋09'00		
direct	-10148 Oct 07 j 20:39	15°♋32'56		
morning max el	-10148 Oct 20 j 06:50	22°♋49'39	25°58'33	
	-10148 Oct 26 j 16:40	0°♌		
desc. node	-10148 Nov 07 j 03:40	15°♌36'05		
	-10148 Nov 16 j 07:53	0°♍		
morning set	-10148 Nov 25 j 08:47	15°♍47'43		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10148 Nov 29 j 09:24	23°♍22'52	1.35956 AU
	-10148 Dec 02 j 18:26	0°♎	
superior conj	-10148 Dec 04 j 13:57	3°♎38'23	-1°37'33
minimum elong	-10148 Dec 04 j 15:24	3°♎45'44	1°37'28
evening rise	-10148 Dec 12 j 09:01	19°♎37'17	
	-10148 Dec 17 j 15:04	0°♏	
asc. node	-10148 Dec 18 j 09:30	1°♏26'00	
evening max el	-10148 Dec 30 j 17:42	19°♏06'07	20°15'29
retrograde	-10147 Jan 10 j 02:53	23°♏58'44	
evening set	-10147 Jan 12 j 16:40	23°♏42'03	
inferior conj	-10147 Jan 21 j 08:47	19°♏41'47	3°04'05
minimum elong	-10147 Jan 21 j 14:29	19°♏33'10	3°02'21
min. Earth dist.	-10147 Jan 23 j 05:46	18°♏34'02	0.55923 AU
morning rise	-10147 Jan 30 j 10:29	15°♏13'12	
direct	-10147 Feb 03 j 05:09	14°♏41'43	
desc. node	-10147 Feb 03 j 04:57	14°♏41'43	
morning max el	-10147 Feb 16 j 18:52	21°♏25'15	23°28'11
	-10147 Feb 24 j 03:02	0°♐	
morning set	-10147 Mar 12 j 07:37	28°♐41'46	
	-10147 Mar 12 j 22:31	0°♑	
asc. node	-10147 Mar 16 j 07:53	7°♑13'11	
superior conj	-10147 Mar 19 j 10:20	13°♑52'22	0°29'50
minimum elong	-10147 Mar 19 j 09:04	13°♑45'37	0°29'00
max. Earth dist.	-10147 Mar 21 j 14:41	18°♑30'29	1.33759 AU
evening rise	-10147 Mar 27 j 02:01	29°♑44'56	
	-10147 Mar 27 j 05:03	0°♒	
	-10147 Apr 13 j 07:07	0°♓	
evening max el	-10147 Apr 29 j 17:47	20°♓54'25	27°25'25
desc. node	-10147 May 02 j 03:56	23°♓07'10	
retrograde	-10147 May 13 j 10:34	28°♓27'32	
evening set	-10147 May 20 j 10:31	25°♓49'38	
min. Earth dist.	-10147 May 24 j 02:02	22°♓32'00	0.63599 AU
inferior conj	-10147 May 26 j 16:06	19°♓48'19	-3°35'00
minimum elong	-10147 May 26 j 17:21	19°♓45'01	3°35'04
morning rise	-10147 Jun 02 j 01:03	14°♓29'27	
direct	-10147 Jun 04 j 19:59	13°♓50'23	
morning max el	-10147 Jun 11 j 07:58	17°♓14'48	18°05'19
asc. node	-10147 Jun 12 j 08:12	18°♓18'35	
	-10147 Jun 20 j 12:05	0°♈	
morning set	-10147 Jun 28 j 19:53	14°♈12'05	
	-10147 Jul 08 j 02:32	0°♉	
superior conj	-10147 Jul 11 j 13:52	5°♉45'10	1°31'08
minimum elong	-10147 Jul 11 j 19:31	6°♉08'20	1°31'00
max. Earth dist.	-10147 Jul 17 j 00:23	14°♉35'02	1.43745 AU
	-10147 Jul 26 j 18:45	0°♊	
evening rise	-10147 Jul 27 j 17:37	1°♊28'50	
desc. node	-10147 Jul 29 j 01:06	3°♊30'46	
	-10147 Aug 15 j 17:56	0°♋	
evening max el	-10147 Aug 24 j 07:16	10°♋42'41	20°24'52
retrograde	-10147 Sep 01 j 04:32	15°♋19'25	
evening set	-10147 Sep 04 j 22:25	13°♋58'36	
asc. node	-10147 Sep 08 j 08:31	10°♋32'21	
inferior conj	-10147 Sep 10 j 08:56	7°♋54'33	0°39'05
minimum elong	-10147 Sep 10 j 08:02	7°♋57'34	0°39'19
min. Earth dist.	-10147 Sep 11 j 03:13	6°♋53'08	0.66650 AU
morning rise	-10147 Sep 15 j 17:25	1°♋35'06	
	-10147 Sep 18 j 01:07	30°℞♊	
direct	-10147 Sep 21 j 05:19	29°♊14'13	
	-10147 Sep 24 j 15:32	0°♋	
morning max el	-10147 Oct 02 j 16:20	6°♋04'18	24°42'36
	-10147 Oct 21 j 07:05	0°♌	
desc. node	-10147 Oct 25 j 00:27	5°♌35'47	
morning set	-10147 Nov 07 j 12:47	27°♌44'39	
	-10147 Nov 08 j 19:29	0°♍	

max. Earth dist.	-10147 Nov 11 j 09:51	4°♍40'26	1.37751 AU
superior conj	-10147 Nov 18 j 00:51	17°♍08'39	-1°42'07
minimum elong	-10147 Nov 18 j 00:53	17°♍08'50	1°41'56
	-10147 Nov 24 j 12:56	0°♎	
evening rise	-10147 Nov 26 j 10:57	3°♎49'23	
asc. node	-10147 Dec 05 j 06:50	20°♎19'39	
	-10147 Dec 12 j 06:22	0°♏	
evening max el	-10147 Dec 13 j 10:10	1°♏10'09	19°13'52
retrograde	-10147 Dec 22 j 07:14	5°♏23'18	
evening set	-10147 Dec 24 j 19:26	5°♏04'36	
inferior conj	-10146 Jan 01 j 22:11	0°♏51'50	3°59'06
minimum elong	-10146 Jan 02 j 01:39	0°♏45'56	3°58'27
	-10146 Jan 03 j 04:29	30°℞♎	
min. Earth dist.	-10146 Jan 04 j 19:59	28°♎53'34	0.57195 AU
morning rise	-10146 Jan 10 j 05:37	25°♎57'52	
direct	-10146 Jan 15 j 08:55	24°♎56'36	
desc. node	-10146 Jan 21 j 01:47	26°♎12'04	
	-10146 Jan 27 j 01:20	0°♏	
morning max el	-10146 Jan 29 j 09:36	2°♏05'27	25°03'42
	-10146 Feb 17 j 21:52	0°♐	
morning set	-10146 Feb 24 j 20:07	13°♐46'57	
asc. node	-10146 Mar 03 j 04:59	27°♐28'47	
superior conj	-10146 Mar 03 j 19:53	28°♐49'42	0°06'06
minimum elong	-10146 Mar 03 j 19:39	28°♐48'25	0°05'28
behind sun begin	-10146 Mar 03 j 14:53	28°♐22'31	
behind sun end	-10146 Mar 04 j 00:25	29°♐14'19	
	-10146 Mar 04 j 08:51	0°♑	
max. Earth dist.	-10146 Mar 04 j 23:43	1°♑20'22	1.33116 AU
evening rise	-10146 Mar 11 j 03:16	14°♑18'13	
	-10146 Mar 19 j 07:24	0°♒	
	-10146 Apr 08 j 17:08	0°♓	
evening max el	-10146 Apr 12 j 01:26	3°♓28'52	27°17'51
desc. node	-10146 Apr 19 j 01:13	8°♓54'41	
retrograde	-10146 Apr 26 j 00:53	10°♓59'29	
evening set	-10146 May 02 j 20:43	8°♓45'06	
min. Earth dist.	-10146 May 06 j 14:05	5°♓49'11	0.61789 AU
inferior conj	-10146 May 09 j 16:32	2°♓55'08	-3°37'31
minimum elong	-10146 May 09 j 16:01	2°♓56'21	3°37'49
	-10146 May 13 j 00:31	30°℞♒	
morning rise	-10146 May 16 j 12:57	27°♒55'20	
direct	-10146 May 19 j 03:51	27°♒24'59	
	-10146 May 25 j 00:39	0°♓	
morning max el	-10146 May 25 j 21:48	0°♓48'31	18°01'59
asc. node	-10146 May 30 j 05:02	6°♓00'56	
morning set	-10146 Jun 11 j 07:16	26°♓29'52	
	-10146 Jun 13 j 05:48	0°♈	
superior conj	-10146 Jun 22 j 08:31	16°♈06'40	1°47'13
minimum elong	-10146 Jun 22 j 10:42	16°♈16'07	1°47'15
max. Earth dist.	-10146 Jun 29 j 10:06	28°♈00'34	1.42412 AU
	-10146 Jun 30 j 15:14	0°♉	
evening rise	-10146 Jul 06 j 19:59	9°♉57'04	
desc. node	-10146 Jul 15 j 22:24	23°♉59'26	
	-10146 Jul 19 j 23:02	0°♊	
evening max el	-10146 Aug 07 j 04:24	24°♊06'48	21°36'08
retrograde	-10146 Aug 16 j 00:29	29°♊20'05	
evening set	-10146 Aug 20 j 06:51	27°♊39'30	
inferior conj	-10146 Aug 25 j 13:55	21°♊28'58	-0°12'37
minimum elong	-10146 Aug 25 j 14:11	21°♊28'04	0°11'57
transit middle	-10146 Aug 25 j 14:11	21°♊28'04	0°11'57
transit begin	-10146 Aug 25 j 12:20	21°♊34'27	
transit end	-10146 Aug 25 j 16:02	21°♊21'41	
min. Earth dist.	-10146 Aug 25 j 21:41	21°♊02'15	0.67096 AU
asc. node	-10146 Aug 26 j 05:32	20°♊35'17	
morning rise	-10146 Aug 30 j 21:22	15°♊09'37	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10146 Sep 04 j 18:54	13°♊07'14	
morning max el	-10146 Sep 15 j 02:35	19°♊19'20	23°18'53
	-10146 Sep 24 j 01:40	0°♋	
desc. node	-10146 Oct 11 j 21:16	25°♋53'12	
	-10146 Oct 14 j 11:43	0°♌	
morning set	-10146 Oct 19 j 16:07	8°♌26'55	
max. Earth dist.	-10146 Oct 24 j 07:47	16°♌20'43	1.39747 AU
superior conj	-10146 Oct 31 j 21:08	29°♌51'42	-1°38'02
minimum elong	-10146 Oct 31 j 19:06	29°♌42'20	1°37'36
	-10146 Oct 31 j 22:56	0°♍	
evening rise	-10146 Nov 10 j 05:15	17°♍34'36	
	-10146 Nov 16 j 20:46	0°♎	
asc. node	-10146 Nov 22 j 04:07	8°♎33'35	
evening max el	-10146 Nov 26 j 11:54	13°♎45'38	18°32'13
retrograde	-10146 Dec 04 j 05:24	17°♎32'50	
evening set	-10146 Dec 06 j 17:35	17°♎10'18	
inferior conj	-10146 Dec 14 j 06:45	12°♎37'18	4°15'55
minimum elong	-10146 Dec 14 j 06:38	12°♎37'32	4°15'51
min. Earth dist.	-10146 Dec 17 j 12:46	10°♎04'48	0.58935 AU
morning rise	-10146 Dec 21 j 17:53	7°♎21'10	
direct	-10146 Dec 28 j 00:38	5°♎41'45	
desc. node	-10145 Jan 07 j 22:34	10°♎15'49	
morning max el	-10145 Jan 11 j 02:36	13°♎02'14	26°24'20
	-10145 Jan 24 j 12:53	0°♏	
morning set	-10145 Feb 09 j 07:30	28°♏49'05	
	-10145 Feb 09 j 21:02	0°♐	
superior conj	-10145 Feb 16 j 07:22	13°♐52'50	-0°17'23
minimum elong	-10145 Feb 16 j 08:06	13°♐56'53	0°17'46
max. Earth dist.	-10145 Feb 16 j 12:46	14°♐22'24	1.32803 AU
asc. node	-10145 Feb 18 j 02:06	17°♐45'56	
evening rise	-10145 Feb 23 j 09:52	29°♐07'25	
	-10145 Feb 23 j 20:02	0°♑	
	-10145 Mar 12 j 16:06	0°♒	
evening max el	-10145 Mar 25 j 04:16	15°♒26'34	26°37'30
desc. node	-10145 Apr 05 j 22:26	22°♒35'56	
retrograde	-10145 Apr 08 j 06:53	22°♒49'57	
evening set	-10145 Apr 14 j 12:38	21°♒09'07	
min. Earth dist.	-10145 Apr 18 j 17:32	18°♒20'38	0.59799 AU
inferior conj	-10145 Apr 22 j 02:02	15°♒36'54	-3°18'56
minimum elong	-10145 Apr 21 j 23:23	15°♒42'21	3°19'03
morning rise	-10145 Apr 29 j 12:38	10°♒57'19	
direct	-10145 May 01 j 23:57	10°♒34'21	
morning max el	-10145 May 09 j 09:04	14°♒09'06	18°17'46
asc. node	-10145 May 17 j 01:52	24°♒29'16	
	-10145 May 20 j 06:21	0°♓	
morning set	-10145 May 25 j 11:15	9°♓38'17	
superior conj	-10145 Jun 04 j 04:55	27°♓45'43	1°49'09
minimum elong	-10145 Jun 04 j 04:02	27°♓41'41	1°49'03
	-10145 Jun 05 j 10:43	0°♈	
max. Earth dist.	-10145 Jun 11 j 14:32	10°♈47'16	1.40683 AU
evening rise	-10145 Jun 16 j 16:51	19°♈19'13	
	-10145 Jun 23 j 08:58	0°♉	
desc. node	-10145 Jul 02 j 19:45	14°♉15'37	
	-10145 Jul 14 j 07:16	0°♊	
evening max el	-10145 Jul 20 j 19:13	7°♊28'03	22°55'46
retrograde	-10145 Jul 30 j 18:06	13°♊22'13	
evening set	-10145 Aug 04 j 14:37	11°♊20'20	
inferior conj	-10145 Aug 09 j 20:11	5°♊05'55	-1°02'05
minimum elong	-10145 Aug 09 j 21:28	5°♊01'29	1°01'06
min. Earth dist.	-10145 Aug 09 j 17:28	5°♊15'15	0.67254 AU
asc. node	-10145 Aug 13 j 02:30	0°♊51'54	
	-10145 Aug 13 j 21:43	30°℞♉	
morning rise	-10145 Aug 15 j 04:13	28°♉50'21	
direct	-10145 Aug 19 j 12:26	27°♉07'04	
	-10145 Aug 25 j 20:57	0°♊	
morning max el	-10145 Aug 28 j 16:24	2°♊36'28	21°55'42
	-10145 Sep 18 j 02:52	0°♋	
desc. node	-10145 Sep 28 j 18:07	16°♋22'10	
morning set	-10145 Sep 29 j 16:29	17°♋50'57	
max. Earth dist.	-10145 Oct 06 j 09:53	28°♋47'15	1.41672 AU
	-10145 Oct 07 j 03:21	0°♌	
superior conj	-10145 Oct 13 j 21:11	11°♌31'35	-1°22'41
minimum elong	-10145 Oct 13 j 17:02	11°♌13'25	1°21'51
	-10145 Oct 24 j 02:58	0°♍	
evening rise	-10145 Oct 24 j 12:35	0°♍44'12	
asc. node	-10145 Nov 09 j 01:24	25°♍54'50	
evening max el	-10145 Nov 09 j 20:21	26°♍44'05	18°10'46
	-10145 Nov 14 j 19:30	0°♎	
retrograde	-10145 Nov 16 j 20:32	0°♎18'30	
	-10145 Nov 18 j 22:21	30°℞♍	
evening set	-10145 Nov 19 j 09:30	29°♍50'58	
inferior conj	-10145 Nov 26 j 10:06	24°♍55'57	4°03'42
minimum elong	-10145 Nov 26 j 07:26	25°♍01'59	4°03'30
min. Earth dist.	-10145 Nov 29 j 11:41	22°♍10'05	0.60814 AU
morning rise	-10145 Dec 03 j 04:05	19°♍21'12	
direct	-10145 Dec 10 j 02:12	17°♍07'15	
morning max el	-10145 Dec 24 j 01:46	24°♍34'46	27°17'21
desc. node	-10145 Dec 25 j 19:18	26°♍19'08	
	-10145 Dec 29 j 02:24	0°♎	
	-10144 Jan 17 j 16:39	0°♏	
morning set	-10144 Jan 24 j 15:56	13°♏41'01	
max. Earth dist.	-10144 Jan 31 j 02:05	27°♏22'52	1.32812 AU
superior conj	-10144 Jan 31 j 19:04	28°♏55'31	-0°39'46
minimum elong	-10144 Jan 31 j 20:38	29°♏04'01	0°39'56
	-10144 Feb 01 j 06:53	0°♐	
asc. node	-10144 Feb 04 j 23:16	8°♐00'28	
evening rise	-10144 Feb 07 j 19:42	14°♐04'35	
	-10144 Feb 15 j 22:27	0°♑	
evening max el	-10144 Mar 06 j 01:16	26°♑46'35	25°28'21
	-10144 Mar 09 j 20:33	0°♒	
retrograde	-10144 Mar 20 j 02:45	3°♒57'18	
desc. node	-10144 Mar 22 j 19:36	3°♒39'50	
evening set	-10144 Mar 25 j 09:09	2°♒51'45	
min. Earth dist.	-10144 Mar 30 j 14:20	29°♑56'24	0.57875 AU
	-10144 Mar 30 j 12:12	30°℞♑	
inferior conj	-10144 Apr 02 j 17:11	27°♑44'50	-2°32'18
minimum elong	-10144 Apr 02 j 13:09	27°♑51'59	2°31'55
morning rise	-10144 Apr 10 j 20:21	23°♑24'55	
direct	-10144 Apr 13 j 04:02	23°♑08'04	
morning max el	-10144 Apr 21 j 14:58	27°♑08'15	18°53'10
	-10144 Apr 24 j 06:30	0°♒	
asc. node	-10144 May 02 j 22:43	13°♒33'01	
morning set	-10144 May 08 j 03:30	23°♒26'48	
	-10144 May 11 j 11:49	0°♓	
superior conj	-10144 May 16 j 21:58	10°♓29'04	1°40'43
minimum elong	-10144 May 16 j 19:24	10°♓16'55	1°40'19
max. Earth dist.	-10144 May 23 j 15:16	22°♓53'51	1.38794 AU
evening rise	-10144 May 27 j 17:01	0°♈02'56	
	-10144 May 27 j 16:20	0°♈	
	-10144 Jun 15 j 17:09	0°♉	
desc. node	-10144 Jun 18 j 17:08	4°♉13'41	
evening max el	-10144 Jul 02 j 05:57	20°♉49'23	24°17'36
retrograde	-10144 Jul 13 j 08:27	27°♉23'02	
evening set	-10144 Jul 18 j 19:53	25°♉00'46	
min. Earth dist.	-10144 Jul 23 j 12:17	19°♉31'20	0.67102 AU
inferior conj	-10144 Jul 24 j 02:00	18°♉44'51	-1°47'50
minimum elong	-10144 Jul 24 j 04:05	18°♉37'49	1°46'43
morning rise	-10144 Jul 29 j 12:15	12°♉36'20	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10144 Jul 29 j 23:24	12°♉16'54	
direct	-10144 Aug 02 j 08:51	11°♉11'03	
morning max el	-10144 Aug 10 j 12:13	15°♉59'46	20°39'52
	-10144 Aug 21 j 09:46	0°♊	
morning set	-10144 Sep 07 j 21:31	26°♊23'13	
	-10144 Sep 10 j 05:02	0°♋	
desc. node	-10144 Sep 14 j 15:04	6°♋58'52	
max. Earth dist.	-10144 Sep 17 j 18:28	12°♋01'09	1.43251 AU
superior conj	-10144 Sep 23 j 19:27	21°♋54'54	-0°53'57
minimum elong	-10144 Sep 23 j 14:49	21°♋35'35	0°52'52
	-10144 Sep 28 j 14:42	0°♌	
evening rise	-10144 Oct 06 j 04:48	13°♌08'59	
	-10144 Oct 16 j 00:25	0°♍	
evening max el	-10144 Oct 23 j 08:43	9°♍58'28	18°08'49
asc. node	-10144 Oct 25 j 22:39	12°♍08'38	
retrograde	-10144 Oct 30 j 00:34	13°♍30'47	
evening set	-10144 Nov 01 j 15:54	12°♍56'36	
inferior conj	-10144 Nov 08 j 05:18	7°♍41'17	3°32'30
minimum elong	-10144 Nov 08 j 01:39	7°♍50'41	3°31'59
min. Earth dist.	-10144 Nov 10 j 19:58	5°♍01'03	0.62589 AU
morning rise	-10144 Nov 14 j 10:27	1°♍50'55	
	-10144 Nov 17 j 15:52	30°℞♌	
direct	-10144 Nov 21 j 12:17	29°♌13'59	
	-10144 Nov 25 j 13:25	0°♍	
morning max el	-10144 Dec 05 j 07:04	6°♍47'09	27°35'59
desc. node	-10144 Dec 11 j 15:59	13°♍49'30	
	-10144 Dec 23 j 03:17	0°♎	
morning set	-10143 Jan 07 j 19:12	28°♎14'52	
	-10143 Jan 08 j 15:52	0°♏	
max. Earth dist.	-10143 Jan 13 j 11:48	10°♏07'57	1.33167 AU
superior conj	-10143 Jan 15 j 05:23	13°♏51'38	-1°00'17
minimum elong	-10143 Jan 15 j 07:29	14°♏03'02	1°00'18
asc. node	-10143 Jan 21 j 20:29	28°♏07'54	
evening rise	-10143 Jan 22 j 06:56	29°♏02'53	
	-10143 Jan 22 j 17:50	0°♐	
	-10143 Feb 09 j 00:18	0°♑	
evening max el	-10143 Feb 15 j 18:30	7°♑41'10	24°00'13
retrograde	-10143 Mar 01 j 10:52	14°♑27'57	
evening set	-10143 Mar 05 j 13:44	13°♑50'14	
desc. node	-10143 Mar 09 j 16:42	12°♑05'34	
min. Earth dist.	-10143 Mar 12 j 07:22	10°♑35'38	0.56339 AU
inferior conj	-10143 Mar 14 j 12:28	9°♑13'28	-1°13'28
minimum elong	-10143 Mar 14 j 09:37	9°♑17'53	1°13'11
morning rise	-10143 Mar 23 j 08:26	5°♑08'05	
direct	-10143 Mar 25 j 13:39	4°♑55'08	
morning max el	-10143 Apr 04 j 12:37	9°♑36'05	19°48'23
	-10143 Apr 18 j 05:45	0°♒	
asc. node	-10143 Apr 19 j 19:37	3°♒03'08	
morning set	-10143 Apr 22 j 04:28	7°♒45'25	
superior conj	-10143 Apr 30 j 06:09	24°♒00'47	1°25'21
minimum elong	-10143 Apr 30 j 03:10	23°♒45'57	1°24'37
	-10143 May 03 j 07:31	0°♓	
max. Earth dist.	-10143 May 05 j 17:22	4°♓36'10	1.36996 AU
evening rise	-10143 May 09 j 18:18	12°♓03'35	
	-10143 May 20 j 06:53	0°♈	
desc. node	-10143 Jun 05 j 14:34	23°♈45'05	
	-10143 Jun 10 j 17:28	0°♉	
evening max el	-10143 Jun 14 j 15:35	4°♉12'12	25°33'53
retrograde	-10143 Jun 26 j 18:46	11°♉17'00	
evening set	-10143 Jul 02 j 20:36	8°♉38'26	
min. Earth dist.	-10143 Jul 07 j 03:49	3°♉47'18	0.66609 AU
inferior conj	-10143 Jul 08 j 05:36	2°♉23'24	-2°28'23
minimum elong	-10143 Jul 08 j 08:08	2°♉15'09	2°27'24
	-10143 Jul 10 j 02:53	30°℞♈	
morning rise	-10143 Jul 13 j 19:42	26°♈25'02	
asc. node	-10143 Jul 16 j 20:17	25°♈16'36	
direct	-10143 Jul 17 j 06:43	25°♈15'32	
morning max el	-10143 Jul 24 j 14:39	29°♈29'45	19°36'06
	-10143 Jul 25 j 02:10	0°♉	
	-10143 Aug 14 j 21:58	0°♊	
morning set	-10143 Aug 18 j 01:52	4°♊56'22	
max. Earth dist.	-10143 Aug 31 j 08:11	25°♊48'34	1.44271 AU
desc. node	-10143 Sep 01 j 12:09	27°♊39'44	
	-10143 Sep 02 j 23:19	0°♋	
superior conj	-10143 Sep 03 j 14:20	1°♋00'04	-0°12'40
minimum elong	-10143 Sep 03 j 12:55	0°♋54'22	0°11'55
behind sun begin	-10143 Sep 03 j 05:16	0°♋23'46	
behind sun end	-10143 Sep 03 j 20:34	1°♋24'58	
evening rise	-10143 Sep 18 j 00:37	24°♋36'18	
	-10143 Sep 21 j 06:05	0°♌	
evening max el	-10143 Oct 06 j 22:09	23°♌22'53	18°25'26
asc. node	-10143 Oct 12 j 19:50	26°♌59'08	
retrograde	-10143 Oct 13 j 13:19	27°♌02'01	
evening set	-10143 Oct 16 j 09:09	26°♌18'47	
inferior conj	-10143 Oct 22 j 12:52	20°♌45'59	2°49'56
minimum elong	-10143 Oct 22 j 09:22	20°♌55'58	2°49'19
min. Earth dist.	-10143 Oct 24 j 14:26	18°♌25'18	0.64119 AU
morning rise	-10143 Oct 28 j 08:55	14°♌43'14	
direct	-10143 Nov 04 j 05:48	11°♌57'14	
morning max el	-10143 Nov 17 j 16:04	19°♌31'30	27°20'17
	-10143 Nov 26 j 17:59	0°♍	
desc. node	-10143 Nov 28 j 12:42	2°♍21'55	
	-10143 Dec 16 j 00:57	0°♎	
morning set	-10143 Dec 22 j 14:37	12°♎21'26	
max. Earth dist.	-10143 Dec 27 j 14:06	22°♎25'33	1.33911 AU
superior conj	-10143 Dec 30 j 12:28	28°♎34'56	-1°18'01
minimum elong	-10143 Dec 30 j 14:45	28°♎47'02	1°17'58
	-10143 Dec 31 j 04:29	0°♏	
evening rise	-10142 Jan 06 j 17:55	13°♏56'26	
asc. node	-10142 Jan 08 j 17:46	18°♏03'29	
	-10142 Jan 14 j 23:31	0°♐	
evening max el	-10142 Jan 28 j 13:02	18°♐34'17	22°26'27
retrograde	-10142 Feb 10 j 07:06	24°♐41'32	
evening set	-10142 Feb 13 j 11:29	24°♐19'19	
min. Earth dist.	-10142 Feb 21 j 22:48	20°♐33'07	0.55499 AU
inferior conj	-10142 Feb 22 j 15:32	20°♐09'07	0°30'12
minimum elong	-10142 Feb 22 j 16:50	20°♐07'15	0°29'12
desc. node	-10142 Feb 24 j 13:42	19°♐03'45	
morning rise	-10142 Mar 03 j 23:16	16°♐06'14	
direct	-10142 Mar 06 j 08:36	15°♐52'58	
morning max el	-10142 Mar 17 j 23:41	21°♐25'12	21°02'30
	-10142 Mar 25 j 01:49	0°♑	
morning set	-10142 Apr 06 j 11:24	22°♑26'34	
asc. node	-10142 Apr 06 j 16:35	22°♑53'12	
	-10142 Apr 10 j 02:56	0°♒	
superior conj	-10142 Apr 14 j 01:13	8°♒08'36	1°05'35
minimum elong	-10142 Apr 13 j 22:35	7°♒55'06	1°04'41
max. Earth dist.	-10142 Apr 18 j 03:16	16°♒24'04	1.35474 AU
evening rise	-10142 Apr 22 j 15:09	25°♒06'11	
	-10142 Apr 25 j 06:29	0°♓	
	-10142 May 13 j 18:14	0°♈	
desc. node	-10142 May 23 j 11:58	12°♈38'40	
evening max el	-10142 May 28 j 02:04	17°♈34'34	26°35'54
retrograde	-10142 Jun 10 j 00:18	24°♈58'05	
evening set	-10142 Jun 16 j 14:27	22°♈10'58	
min. Earth dist.	-10142 Jun 20 j 13:48	17°♈58'51	0.65745 AU
inferior conj	-10142 Jun 22 j 04:57	15°♈59'14	-3°02'01
minimum elong	-10142 Jun 22 j 07:29	15°♈51'29	3°01'23

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10142 Jun 28 j 00:43	10°♈13'57		
direct	-10142 Jul 01 j 04:12	9°♈17'50		
asc. node	-10142 Jul 03 j 17:09	9°♈52'55		
morning max el	-10142 Jul 07 j 22:51	13°♈05'21	18°47'24	
	-10142 Jul 20 j 01:44	0°♉		
morning set	-10142 Jul 29 j 00:04	14°♉20'25		
	-10142 Aug 07 j 18:59	0°♊		
superior conj	-10142 Aug 13 j 15:23	9°♊16'14	0°34'08	
minimum elong	-10142 Aug 13 j 19:34	9°♊32'44	0°34'10	
max. Earth dist.	-10142 Aug 14 j 00:41	9°♊52'59	1.44619 AU	
desc. node	-10142 Aug 19 j 09:18	18°♊21'21		
	-10142 Aug 26 j 17:22	0°♋		
evening rise	-10142 Aug 29 j 18:49	4°♋52'59		
	-10142 Sep 14 j 21:44	0°♌		
evening max el	-10142 Sep 20 j 09:49	6°♌51'36	18°59'26	
retrograde	-10142 Sep 27 j 07:16	10°♌45'58		
asc. node	-10142 Sep 29 j 17:01	10°♌12'46		
evening set	-10142 Sep 30 j 09:55	9°♌50'36		
inferior conj	-10142 Oct 06 j 05:35	4°♌03'17	2°01'03	
minimum elong	-10142 Oct 06 j 02:53	4°♌11'37	2°00'37	
min. Earth dist.	-10142 Oct 07 j 18:09	2°♌10'35	0.65349 AU	
	-10142 Oct 09 j 15:01	30°℞♋		
morning rise	-10142 Oct 11 j 19:25	27°♋51'29		
direct	-10142 Oct 18 j 05:36	25°♋08'57		
	-10142 Oct 28 j 06:59	0°♌		
morning max el	-10142 Oct 31 j 02:04	2°♌34'59	26°35'01	
desc. node	-10142 Nov 15 j 09:24	21°♌37'31		
	-10142 Nov 20 j 23:09	0°♍		
morning set	-10142 Dec 05 j 22:28	25°♍48'03		
	-10142 Dec 08 j 03:05	0°♎		
max. Earth dist.	-10142 Dec 10 j 05:57	4°♎09'34	1.35089 AU	
superior conj	-10142 Dec 14 j 14:02	12°♎56'51	-1°31'54	
minimum elong	-10142 Dec 14 j 15:59	13°♎06'51	1°31'49	
evening rise	-10142 Dec 22 j 02:54	28°♎38'20		
	-10142 Dec 22 j 18:46	0°♏		
asc. node	-10142 Dec 26 j 15:03	7°♏40'35		
evening max el	-10141 Jan 10 j 14:00	29°♏46'36	20°59'11	
	-10141 Jan 10 j 19:47	0°♐		
retrograde	-10141 Jan 21 j 21:01	5°♐05'23		
evening set	-10141 Jan 24 j 13:52	4°♐48'18		
inferior conj	-10141 Feb 02 j 12:31	0°♐49'50	2°14'49	
minimum elong	-10141 Feb 02 j 17:42	0°♐42'21	2°12'52	
min. Earth dist.	-10141 Feb 03 j 12:56	0°♐14'38	0.55528 AU	
	-10141 Feb 03 j 23:10	30°℞♏		
desc. node	-10141 Feb 11 j 10:38	26°♏40'09		
morning rise	-10141 Feb 11 j 20:27	26°♏34'18		
direct	-10141 Feb 14 j 23:20	26°♏12'52		
	-10141 Feb 24 j 23:12	0°♐		
morning max el	-10141 Feb 27 j 23:37	2°♐33'56	22°32'19	
	-10141 Mar 18 j 06:51	0°♑		
morning set	-10141 Mar 21 j 22:01	7°♑22'33		
asc. node	-10141 Mar 24 j 13:37	12°♑56'56		
superior conj	-10141 Mar 29 j 03:49	22°♑41'57	0°43'16	
minimum elong	-10141 Mar 29 j 02:00	22°♑32'18	0°42'23	
max. Earth dist.	-10141 Mar 31 j 23:38	28°♑36'44	1.34291 AU	
	-10141 Apr 01 j 15:47	0°♒		
evening rise	-10141 Apr 06 j 02:10	8°♒54'04		
	-10141 Apr 17 j 18:22	0°♓		
	-10141 May 09 j 17:46	0°♈		
desc. node	-10141 May 10 j 09:20	0°♈38'47		
evening max el	-10141 May 10 j 13:08	0°♈48'04	27°15'31	
retrograde	-10141 May 24 j 00:24	8°♈19'09		
evening set	-10141 May 30 j 22:38	5°♈34'22		
min. Earth dist.	-10141 Jun 03 j 16:06	1°♈58'45	0.64492 AU	
	-10141 Jun 05 j 10:35	30°℞♓		
inferior conj	-10141 Jun 05 j 21:44	29°♓28'35	-3°26'26	
minimum elong	-10141 Jun 05 j 23:40	29°♓23'11	3°26'15	
morning rise	-10141 Jun 12 j 01:12	23°♓59'14		
direct	-10141 Jun 14 j 22:56	23°♓14'18		
asc. node	-10141 Jun 20 j 14:00	25°♓53'58		
morning max el	-10141 Jun 21 j 11:06	26°♓44'11	18°15'33	
	-10141 Jun 24 j 06:58	0°♈		
morning set	-10141 Jul 09 j 23:45	24°♈55'58		
	-10141 Jul 13 j 00:20	0°♉		
superior conj	-10141 Jul 23 j 20:04	17°♉44'50	1°14'30	
minimum elong	-10141 Jul 24 j 02:38	18°♉11'18	1°14'15	
max. Earth dist.	-10141 Jul 27 j 17:18	23°♉57'55	1.44257 AU	
	-10141 Jul 31 j 12:42	0°♊		
desc. node	-10141 Aug 06 j 06:31	9°♊00'45		
evening rise	-10141 Aug 09 j 10:51	13°♊58'20		
	-10141 Aug 19 j 20:09	0°♋		
greatest brilliancy	-10141 Aug 21 j 16:16	2°♋46'59	-0.7m	
evening max el	-10141 Sep 03 j 17:10	20°♋20'26	19°49'31	
retrograde	-10141 Sep 11 j 03:40	24°♋38'51		
evening set	-10141 Sep 14 j 15:26	23°♋28'04		
asc. node	-10141 Sep 16 j 14:08	21°♋49'07		
inferior conj	-10141 Sep 20 j 04:46	17°♋29'14	1°09'17	
minimum elong	-10141 Sep 20 j 03:11	17°♋34'25	1°09'14	
min. Earth dist.	-10141 Sep 21 j 05:22	16°♋08'43	0.66264 AU	
morning rise	-10141 Sep 25 j 14:40	11°♋11'45		
direct	-10141 Oct 01 j 11:03	8°♋41'34		
morning max el	-10141 Oct 13 j 11:45	15°♋47'41	25°27'50	
	-10141 Oct 25 j 07:14	0°♌		
desc. node	-10141 Nov 02 j 06:09	11°♌23'54		
	-10141 Nov 13 j 20:01	0°♍		
morning set	-10141 Nov 18 j 14:10	8°♍21'40		
max. Earth dist.	-10141 Nov 22 j 11:20	15°♍30'56	1.36690 AU	
superior conj	-10141 Nov 28 j 07:19	26°♍48'58	-1°40'24	
minimum elong	-10141 Nov 28 j 08:16	26°♍53'39	1°40'17	
	-10141 Nov 29 j 21:33	0°♎		
evening rise	-10141 Dec 06 j 08:01	13°♎03'11		
asc. node	-10141 Dec 13 j 12:20	26°♎52'21		
	-10141 Dec 15 j 07:56	0°♏		
evening max el	-10141 Dec 24 j 00:31	11°♏30'31	19°46'47	
retrograde	-10140 Jan 02 j 17:14	16°♏04'37		
evening set	-10140 Jan 05 j 06:17	15°♏47'12		
inferior conj	-10140 Jan 13 j 16:51	11°♏42'44	3°32'22	
minimum elong	-10140 Jan 13 j 21:59	11°♏34'37	3°31'05	
min. Earth dist.	-10140 Jan 16 j 02:19	10°♏12'20	0.56399 AU	
morning rise	-10140 Jan 22 j 11:39	7°♏03'42		
direct	-10140 Jan 26 j 20:15	6°♏21'16		
desc. node	-10140 Jan 29 j 07:30	6°♏35'14		
morning max el	-10140 Feb 09 j 15:52	13°♏16'43	24°09'38	
	-10140 Feb 22 j 12:19	0°♐		
morning set	-10140 Mar 05 j 10:20	22°♐26'25		
	-10140 Mar 08 j 23:33	0°♑		
asc. node	-10140 Mar 10 j 10:39	3°♑09'23		
superior conj	-10140 Mar 12 j 11:25	7°♑32'28	0°19'45	
minimum elong	-10140 Mar 12 j 10:36	7°♑28'01	0°19'00	
max. Earth dist.	-10140 Mar 14 j 05:06	11°♑15'54	1.33451 AU	
evening rise	-10140 Mar 19 j 23:08	23°♑13'46		
	-10140 Mar 23 j 09:46	0°♒		
	-10140 Apr 10 j 12:18	0°♓		
evening max el	-10140 Apr 21 j 22:39	13°♓39'39	27°26'12	
desc. node	-10140 Apr 26 j 06:40	17°♓22'59		
retrograde	-10140 May 05 j 18:17	21°♓11'29		
evening set	-10140 May 12 j 17:49	18°♓42'03		
min. Earth dist.	-10140 May 16 j 09:15	15°♓35'25	0.62865 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10140 May 19 j 05:03	12°♓45'20	-3°38'15
minimum elong	-10140 May 19 j 05:38	12°♓43'52	3°38'28
morning rise	-10140 May 25 j 18:33	7°♓34'24	
direct	-10140 May 28 j 11:49	6°♓59'04	
morning max el	-10140 Jun 04 j 01:06	10°♓21'21	18°01'39
asc. node	-10140 Jun 06 j 10:50	13°♓03'30	
	-10140 Jun 17 j 04:34	0°♈	
morning set	-10140 Jun 20 j 23:21	6°♈39'01	
superior conj	-10140 Jul 02 j 22:53	27°♈18'59	1°39'56
minimum elong	-10140 Jul 03 j 03:11	27°♈36'58	1°39'53
	-10140 Jul 04 j 13:30	0°♉	
max. Earth dist.	-10140 Jul 09 j 06:33	7°♉43'29	1.43238 AU
evening rise	-10140 Jul 18 j 11:53	22°♉21'58	
desc. node	-10140 Jul 23 j 03:48	29°♉34'11	
	-10140 Jul 23 j 10:33	0°♊	
	-10140 Aug 13 j 09:55	0°♋	
evening max el	-10140 Aug 16 j 18:09	3°♋45'37	20°53'50
retrograde	-10140 Aug 25 j 00:20	8°♋37'00	
evening set	-10140 Aug 28 j 23:23	7°♋07'49	
asc. node	-10140 Sep 02 j 11:11	2°♋11'25	
inferior conj	-10140 Sep 03 j 08:10	1°♋00'29	0°16'59
minimum elong	-10140 Sep 03 j 07:46	1°♋01'50	0°17'24
min. Earth dist.	-10140 Sep 03 j 21:50	0°♋14'02	0.66874 AU
	-10140 Sep 04 j 01:58	30°℞♊	
morning rise	-10140 Sep 08 j 16:01	24°♊40'49	
direct	-10140 Sep 13 j 21:40	22°♊27'52	
morning max el	-10140 Sep 24 j 21:25	29°♊02'32	24°07'31
	-10140 Sep 25 j 19:39	0°♋	
	-10140 Oct 18 j 03:09	0°♌	
desc. node	-10140 Oct 19 j 02:56	1°♌31'34	
morning set	-10140 Oct 30 j 08:15	19°♌47'39	
max. Earth dist.	-10140 Nov 03 j 10:11	26°♌55'30	1.38593 AU
	-10140 Nov 05 j 03:15	0°♍	
superior conj	-10140 Nov 10 j 12:34	10°♍00'15	-1°41'37
minimum elong	-10140 Nov 10 j 11:47	9°♍56'33	1°41'20
evening rise	-10140 Nov 19 j 07:02	27°♍04'38	
	-10140 Nov 20 j 18:56	0°♎	
asc. node	-10140 Nov 29 j 09:37	15°♎30'17	
evening max el	-10140 Dec 05 j 21:03	23°♎48'08	18°53'36
retrograde	-10140 Dec 14 j 05:21	27°♎49'00	
evening set	-10140 Dec 16 j 17:19	27°♎28'53	
inferior conj	-10140 Dec 24 j 14:10	23°♎07'40	4°10'31
minimum elong	-10140 Dec 24 j 16:06	23°♎04'10	4°10'13
min. Earth dist.	-10140 Dec 27 j 17:09	20°♎52'38	0.57896 AU
morning rise	-10139 Jan 01 j 12:48	18°♎03'37	
direct	-10139 Jan 07 j 04:43	16°♎46'46	
desc. node	-10139 Jan 15 j 04:18	19°♎14'16	
morning max el	-10139 Jan 21 j 07:02	24°♎01'31	25°40'46
	-10139 Jan 26 j 17:50	0°♏	
	-10139 Feb 14 j 06:12	0°♐	
morning set	-10139 Feb 17 j 22:37	7°♐31'46	
superior conj	-10139 Feb 24 j 22:02	22°♐33'29	-0°03'59
minimum elong	-10139 Feb 24 j 22:13	22°♐34'33	0°04'30
behind sun begin	-10139 Feb 24 j 17:23	22°♐08'11	
behind sun end	-10139 Feb 25 j 03:04	23°♐00'53	
asc. node	-10139 Feb 25 j 07:45	23°♐26'23	
max. Earth dist.	-10139 Feb 25 j 16:22	24°♐13'13	1.32942 AU
	-10139 Feb 28 j 08:35	0°♑	
evening rise	-10139 Mar 04 j 02:58	7°♑55'04	
	-10139 Mar 15 j 21:28	0°♒	
evening max el	-10139 Apr 04 j 04:16	25°♒58'45	27°04'28
	-10139 Apr 08 j 23:34	0°♓	
desc. node	-10139 Apr 13 j 03:55	2°♓21'42	
retrograde	-10139 Apr 18 j 05:19	3°♓27'17	
evening set	-10139 Apr 24 j 20:37	1°♓25'55	
	-10139 Apr 26 j 23:07	30°℞♒	
min. Earth dist.	-10139 Apr 28 j 17:17	28°♒35'21	0.60953 AU
inferior conj	-10139 May 01 j 23:35	25°♒42'41	-3°32'38
minimum elong	-10139 May 01 j 22:10	25°♒45'50	3°32'55
morning rise	-10139 May 09 j 01:45	20°♒51'47	
direct	-10139 May 11 j 15:08	20°♒24'45	
morning max el	-10139 May 18 j 14:16	23°♒51'10	18°06'23
	-10139 May 23 j 13:44	0°♓	
asc. node	-10139 May 24 j 07:41	1°♓07'09	
morning set	-10139 Jun 03 j 18:23	19°♓19'41	
	-10139 Jun 09 j 14:11	0°♈	
superior conj	-10139 Jun 14 j 05:06	8°♈15'20	1°49'32
minimum elong	-10139 Jun 14 j 05:50	8°♈18'34	1°49'34
max. Earth dist.	-10139 Jun 21 j 13:53	20°♈52'55	1.41709 AU
	-10139 Jun 27 j 03:26	0°♉	
evening rise	-10139 Jun 27 j 20:03	1°♉06'41	
desc. node	-10139 Jul 10 j 01:06	19°♉57'58	
	-10139 Jul 16 j 22:53	0°♊	
evening max el	-10139 Jul 30 j 12:15	17°♊07'14	22°09'15
retrograde	-10139 Aug 08 j 19:33	22°♊38'17	
evening set	-10139 Aug 13 j 07:45	20°♊48'37	
inferior conj	-10139 Aug 18 j 13:55	14°♊35'49	-0°33'59
minimum elong	-10139 Aug 18 j 14:38	14°♊33'20	0°33'10
min. Earth dist.	-10139 Aug 18 j 17:12	14°♊24'27	0.67196 AU
asc. node	-10139 Aug 20 j 08:13	12°♊11'57	
morning rise	-10139 Aug 23 j 21:24	8°♊17'31	
direct	-10139 Aug 28 j 12:58	6°♊23'30	
morning max el	-10139 Sep 07 j 08:57	12°♊18'09	22°42'58
	-10139 Sep 21 j 08:49	0°♋	
desc. node	-10139 Oct 05 j 23:45	21°♋54'03	
morning set	-10139 Oct 10 j 23:59	29°♋55'33	
	-10139 Oct 11 j 01:04	0°♌	
max. Earth dist.	-10139 Oct 16 j 09:03	8°♌52'30	1.40584 AU
superior conj	-10139 Oct 24 j 00:54	22°♌17'29	-1°33'03
minimum elong	-10139 Oct 23 j 21:54	22°♌03'58	1°32'27
	-10139 Oct 28 j 05:52	0°♍	
evening rise	-10139 Nov 02 j 21:07	10°♍35'20	
	-10139 Nov 13 j 20:46	0°♎	
asc. node	-10139 Nov 16 j 06:54	3°♎23'21	
evening max el	-10139 Nov 19 j 01:57	6°♎33'59	18°20'42
retrograde	-10139 Nov 26 j 11:07	10°♎14'33	
evening set	-10139 Nov 28 j 23:19	9°♎50'12	
inferior conj	-10139 Dec 06 j 07:01	5°♎08'03	4°13'42
minimum elong	-10139 Dec 06 j 05:38	5°♎10'58	4°13'37
min. Earth dist.	-10139 Dec 09 j 12:26	2°♎26'57	0.59724 AU
	-10139 Dec 12 j 22:54	30°℞♍	
morning rise	-10139 Dec 13 j 10:16	29°♍43'16	
direct	-10139 Dec 20 j 00:58	27°♍47'56	
	-10139 Dec 27 j 09:34	0°♎	
desc. node	-10138 Jan 02 j 01:03	4°♎13'01	
morning max el	-10138 Jan 03 j 02:35	5°♎12'41	26°50'51
	-10138 Jan 21 j 11:53	0°♏	
morning set	-10138 Feb 02 j 09:00	22°♏30'42	
	-10138 Feb 05 j 21:41	0°♐	
superior conj	-10138 Feb 09 j 09:50	7°♐37'31	-0°27'03
minimum elong	-10138 Feb 09 j 10:56	7°♐43'36	0°27'20
max. Earth dist.	-10138 Feb 09 j 05:51	7°♐15'45	1.32761 AU
asc. node	-10138 Feb 12 j 04:51	13°♐42'55	
evening rise	-10138 Feb 16 j 11:10	22°♐48'33	
	-10138 Feb 20 j 00:02	0°♑	
	-10138 Mar 10 j 08:24	0°♒	
evening max el	-10138 Mar 17 j 04:28	7°♒39'33	26°11'07
retrograde	-10138 Mar 31 j 07:41	14°♒59'20	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10138 Mar 31 j 01:08	14°♒59'09	
evening set	-10138 Apr 06 j 04:17	13°♒33'49	
min. Earth dist.	-10138 Apr 10 j 17:45	10°♒43'53	0.58953 AU
inferior conj	-10138 Apr 14 j 01:38	8°♒11'00	-3°02'59
minimum elong	-10138 Apr 13 j 22:13	8°♒17'38	3°02'54
morning rise	-10138 Apr 21 j 19:06	3°♒40'10	
direct	-10138 Apr 24 j 04:40	3°♒20'09	
morning max el	-10138 May 01 j 23:41	7°♒04'08	18°30'23
asc. node	-10138 May 11 j 04:31	19°♒51'41	
	-10138 May 16 j 17:15	0°♓	
morning set	-10138 May 18 j 04:04	2°♓46'05	
superior conj	-10138 May 27 j 11:00	20°♓23'35	1°46'37
minimum elong	-10138 May 27 j 09:14	20°♓15'23	1°46'24
	-10138 Jun 01 j 18:20	0°♈	
max. Earth dist.	-10138 Jun 03 j 15:42	3°♈19'05	1.39882 AU
evening rise	-10138 Jun 08 j 04:18	11°♈02'31	
	-10138 Jun 20 j 01:45	0°♉	
desc. node	-10138 Jun 26 j 22:29	10°♉07'08	
	-10138 Jul 12 j 13:56	0°♊	
evening max el	-10138 Jul 13 j 00:57	0°♊28'00	23°30'49
retrograde	-10138 Jul 23 j 12:01	6°♊40'03	
evening set	-10138 Jul 28 j 14:42	4°♊29'27	
	-10138 Aug 01 j 13:10	30°℞♉	
inferior conj	-10138 Aug 02 j 20:14	28°♉14'00	-1°22'04
minimum elong	-10138 Aug 02 j 21:53	28°♉08'19	1°20'59
min. Earth dist.	-10138 Aug 02 j 13:00	28°♉38'51	0.67223 AU
asc. node	-10138 Aug 07 j 05:10	22°♉52'25	
morning rise	-10138 Aug 08 j 04:59	22°♉00'44	
direct	-10138 Aug 12 j 08:00	20°♉25'15	
morning max el	-10138 Aug 21 j 01:04	25°♉37'17	21°22'10
	-10138 Aug 24 j 21:29	0°♊	
	-10138 Sep 14 j 21:16	0°♋	
morning set	-10138 Sep 20 j 14:27	8°♋52'28	
desc. node	-10138 Sep 22 j 20:39	12°♋26'44	
max. Earth dist.	-10138 Sep 28 j 13:21	21°♋38'05	1.42393 AU
	-10138 Oct 03 j 14:03	0°♌	
superior conj	-10138 Oct 05 j 14:39	3°♌26'32	-1°12'11
minimum elong	-10138 Oct 05 j 09:57	3°♌06'27	1°11'12
evening rise	-10138 Oct 16 j 22:37	23°♌27'08	
	-10138 Oct 20 j 13:54	0°♍	
evening max el	-10138 Nov 02 j 12:32	19°♍40'44	18°07'43
asc. node	-10138 Nov 03 j 04:11	20°♍18'13	
retrograde	-10138 Nov 09 j 08:06	23°♍12'46	
evening set	-10138 Nov 11 j 21:53	22°♍42'39	
inferior conj	-10138 Nov 18 j 17:34	17°♍39'04	3°52'16
minimum elong	-10138 Nov 18 j 14:19	17°♍46'52	3°51'56
min. Earth dist.	-10138 Nov 21 j 15:10	14°♍53'18	0.61590 AU
morning rise	-10138 Nov 25 j 05:36	11°♍57'29	
direct	-10138 Dec 02 j 06:48	9°♍31'43	
morning max el	-10138 Dec 16 j 04:24	17°♍02'10	27°29'33
desc. node	-10138 Dec 19 j 21:46	20°♍56'57	
	-10138 Dec 27 j 01:32	0°♎	
	-10137 Jan 14 j 00:20	0°♏	
morning set	-10137 Jan 17 j 15:32	7°♏15'58	
max. Earth dist.	-10137 Jan 23 j 17:58	20°♏10'43	1.32918 AU
superior conj	-10137 Jan 24 j 21:11	22°♏38'29	-0°48'43
minimum elong	-10137 Jan 24 j 23:01	22°♏48'27	0°48'50
	-10137 Jan 28 j 06:24	0°♐	
asc. node	-10137 Jan 30 j 02:02	3°♐55'00	
evening rise	-10137 Jan 31 j 21:50	7°♐47'11	
	-10137 Feb 12 j 15:49	0°♑	
evening max el	-10137 Feb 26 j 23:39	18°♑47'18	24°52'29
retrograde	-10137 Mar 12 j 22:45	25°♑49'04	
evening set	-10137 Mar 17 j 17:13	24°♑57'01	

desc. node	-10137 Mar 17 j 22:17	24°♑52'25	
min. Earth dist.	-10137 Mar 23 j 12:57	21°♑54'38	0.57160 AU
inferior conj	-10137 Mar 26 j 08:22	20°♑02'43	-2°02'46
minimum elong	-10137 Mar 26 j 04:26	20°♑09'17	2°02'18
morning rise	-10137 Apr 03 j 18:49	15°♑49'29	
direct	-10137 Apr 06 j 01:05	15°♑34'37	
morning max el	-10137 Apr 15 j 02:22	19°♑50'47	19°14'07
	-10137 Apr 22 j 21:33	0°♒	
asc. node	-10137 Apr 28 j 01:23	9°♒07'25	
morning set	-10137 May 02 j 00:25	16°♒48'17	
	-10137 May 08 j 16:14	0°♓	
superior conj	-10137 May 10 j 11:03	3°♓28'39	1°34'53
minimum elong	-10137 May 10 j 08:11	3°♓14'47	1°34'18
max. Earth dist.	-10137 May 16 j 16:15	15°♓12'06	1.38013 AU
evening rise	-10137 May 20 j 15:47	22°♓20'37	
	-10137 May 25 j 02:44	0°♈	
desc. node	-10137 Jun 13 j 19:56	29°♈54'49	
	-10137 Jun 13 j 21:28	0°♉	
evening max el	-10137 Jun 25 j 11:04	13°♉50'26	24°51'22
retrograde	-10137 Jul 07 j 00:37	20°♉38'09	
evening set	-10137 Jul 12 j 18:17	18°♉08'32	
min. Earth dist.	-10137 Jul 17 j 06:45	12°♉55'01	0.66935 AU
inferior conj	-10137 Jul 18 j 01:21	11°♉52'56	-2°05'48
minimum elong	-10137 Jul 18 j 03:40	11°♉45'10	2°04'42
morning rise	-10137 Jul 23 j 13:01	5°♉48'11	
asc. node	-10137 Jul 25 j 02:05	4°♉55'55	
direct	-10137 Jul 27 j 05:22	4°♉29'42	
morning max el	-10137 Aug 03 j 23:34	9°♉02'37	20°11'01
	-10137 Aug 19 j 10:03	0°♊	
morning set	-10137 Aug 30 j 16:29	17°♊17'10	
	-10137 Sep 07 j 19:02	0°♋	
desc. node	-10137 Sep 09 j 17:39	3°♋05'18	
max. Earth dist.	-10137 Sep 11 j 00:29	5°♋08'28	1.43764 AU
superior conj	-10137 Sep 16 j 01:00	13°♋15'27	-0°37'44
minimum elong	-10137 Sep 15 j 21:13	12°♋59'59	0°36'41
	-10137 Sep 26 j 01:57	0°♌	
evening rise	-10137 Sep 29 j 06:48	5°♌28'35	
	-10137 Oct 14 j 11:39	0°♍	
evening max el	-10137 Oct 17 j 01:45	2°♍59'57	18°13'43
asc. node	-10137 Oct 21 j 01:26	5°♍58'24	
retrograde	-10137 Oct 23 j 16:14	6°♍33'47	
evening set	-10137 Oct 26 j 09:21	5°♍55'54	
inferior conj	-10137 Nov 01 j 18:25	0°♍32'43	3°15'26
minimum elong	-10137 Nov 01 j 14:42	0°♍42'41	3°14'52
	-10137 Nov 02 j 06:33	30°℞♌	
min. Earth dist.	-10137 Nov 04 j 03:32	27°♌59'44	0.63279 AU
morning rise	-10137 Nov 07 j 19:19	24°♌37'02	
direct	-10137 Nov 14 j 20:03	21°♌54'40	
morning max el	-10137 Nov 28 j 11:24	29°♌28'09	27°33'19
	-10137 Nov 29 j 00:19	0°♍	
desc. node	-10137 Dec 06 j 18:27	8°♍55'40	
	-10137 Dec 20 j 21:51	0°♎	
morning set	-10136 Jan 01 j 15:49	21°♎38'41	
	-10136 Jan 05 j 17:40	0°♏	
max. Earth dist.	-10136 Jan 07 j 00:59	2°♏44'55	1.33437 AU
superior conj	-10136 Jan 09 j 06:21	7°♏29'28	-1°08'12
minimum elong	-10136 Jan 09 j 08:35	7°♏41'29	1°08'11
evening rise	-10136 Jan 16 j 09:10	22°♏43'56	
asc. node	-10136 Jan 16 j 23:18	23°♏57'48	
	-10136 Jan 19 j 22:22	0°♐	
evening max el	-10136 Feb 08 j 16:51	29°♐38'13	23°20'15
	-10136 Feb 09 j 02:12	0°♑	
retrograde	-10136 Feb 22 j 01:03	6°♑09'17	
evening set	-10136 Feb 25 j 17:29	5°♑39'34	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10136 Mar 03 j 19:20	2°♉27'33	
min. Earth dist.	-10136 Mar 04 j 04:55	2°♉13'32	0.55888 AU
inferior conj	-10136 Mar 05 j 19:56	1°♉15'43	-0°31'29
minimum elong	-10136 Mar 05 j 18:35	1°♉17'43	0°31'38
	-10136 Mar 07 j 23:58	30°℞♐	
morning rise	-10136 Mar 14 j 21:54	27°♐13'13	
direct	-10136 Mar 17 j 03:56	27°♐00'39	
	-10136 Mar 25 j 09:13	0°♉	
morning max el	-10136 Mar 27 j 19:38	2°♉02'20	20°17'40
asc. node	-10136 Apr 13 j 22:19	28°♉46'57	
	-10136 Apr 14 j 12:51	0°♒	
morning set	-10136 Apr 15 j 04:16	1°♒17'54	
superior conj	-10136 Apr 23 j 00:21	17°♒17'16	1°17'23
minimum elong	-10136 Apr 22 j 21:26	17°♒02'37	1°16'33
max. Earth dist.	-10136 Apr 27 j 21:35	26°♒55'53	1.36314 AU
	-10136 Apr 29 j 12:06	0°♓	
evening rise	-10136 May 02 j 02:09	4°♓49'51	
	-10136 May 16 j 23:57	0°♈	
desc. node	-10136 May 30 j 17:22	19°♈11'54	
evening max el	-10136 Jun 06 j 21:06	27°♈14'22	26°02'29
	-10136 Jun 09 j 21:33	0°♉	
retrograde	-10136 Jun 19 j 08:48	4°♉27'49	
evening set	-10136 Jun 25 j 16:23	1°♉44'26	
	-10136 Jun 27 j 10:48	30°℞♈	
min. Earth dist.	-10136 Jun 29 j 20:06	27°♈10'10	0.66294 AU
inferior conj	-10136 Jul 01 j 03:24	25°♈30'47	-2°43'38
minimum elong	-10136 Jul 01 j 06:00	25°♈22'32	2°42'46
morning rise	-10136 Jul 06 j 19:42	19°♈37'48	
direct	-10136 Jul 10 j 03:22	18°♈34'10	
asc. node	-10136 Jul 10 j 22:57	18°♈37'54	
morning max el	-10136 Jul 17 j 04:40	22°♈35'30	19°13'27
	-10136 Jul 23 j 03:33	0°♉	
morning set	-10136 Aug 09 j 02:48	26°♉07'59	
	-10136 Aug 11 j 13:35	0°♊	
max. Earth dist.	-10136 Aug 23 j 16:25	19°♊07'45	1.44512 AU
superior conj	-10136 Aug 25 j 10:13	21°♊53'22	0°07'13
minimum elong	-10136 Aug 25 j 11:10	21°♊57'11	0°07'40
behind sun begin	-10136 Aug 25 j 01:04	21°♊17'05	
behind sun end	-10136 Aug 25 j 21:17	22°♊37'18	
desc. node	-10136 Aug 26 j 14:47	23°♊46'48	
	-10136 Aug 30 j 12:22	0°♋	
evening rise	-10136 Sep 09 j 16:17	16°♋27'22	
	-10136 Sep 17 j 23:24	0°♌	
evening max el	-10136 Sep 29 j 14:44	16°♌26'17	18°37'45
retrograde	-10136 Oct 06 j 07:40	20°♌10'53	
asc. node	-10136 Oct 06 j 22:38	20°♌08'43	
evening set	-10136 Oct 09 j 06:10	19°♌22'46	
inferior conj	-10136 Oct 15 j 06:13	13°♌43'04	2°29'42
minimum elong	-10136 Oct 15 j 03:00	13°♌52'35	2°29'08
min. Earth dist.	-10136 Oct 17 j 02:01	11°♌33'51	0.64683 AU
morning rise	-10136 Oct 20 j 23:19	7°♌36'01	
direct	-10136 Oct 27 j 16:02	4°♌50'33	
morning max el	-10136 Nov 09 j 21:14	12°♌22'10	27°04'17
desc. node	-10136 Nov 22 j 15:08	27°♌47'43	
	-10136 Nov 24 j 04:31	0°♍	
	-10136 Dec 12 j 09:28	0°♎	
morning set	-10136 Dec 15 j 06:47	5°♎29'10	
max. Earth dist.	-10136 Dec 19 j 23:21	14°♎48'51	1.34361 AU
superior conj	-10136 Dec 23 j 11:22	22°♎03'54	-1°24'28
minimum elong	-10136 Dec 23 j 13:34	22°♎15'30	1°24'24
	-10136 Dec 27 j 05:29	0°♏	
evening rise	-10136 Dec 30 j 19:30	7°♏32'51	
asc. node	-10135 Jan 02 j 20:35	13°♏45'59	
	-10135 Jan 11 j 23:33	0°♐	
evening max el	-10135 Jan 20 j 13:21	10°♐35'59	21°47'50
retrograde	-10135 Feb 01 j 17:34	16°♐23'33	
evening set	-10135 Feb 04 j 15:51	16°♐04'21	
inferior conj	-10135 Feb 13 j 18:41	12°♐01'02	1°16'21
minimum elong	-10135 Feb 13 j 21:57	11°♐56'24	1°14'46
min. Earth dist.	-10135 Feb 13 j 19:25	12°♐00'00	0.55397 AU
desc. node	-10135 Feb 18 j 16:18	9°♐25'11	
morning rise	-10135 Feb 23 j 04:18	7°♐55'07	
direct	-10135 Feb 25 j 19:09	7°♐39'44	
morning max el	-10135 Mar 10 j 01:50	13°♐33'23	21°39'18
	-10135 Mar 22 j 04:20	0°♑	
morning set	-10135 Mar 30 j 13:02	16°♑06'22	
asc. node	-10135 Mar 31 j 19:18	18°♑43'26	
	-10135 Apr 06 j 04:19	0°♒	
superior conj	-10135 Apr 06 j 22:59	1°♒37'17	0°56'21
minimum elong	-10135 Apr 06 j 20:40	1°♒25'12	0°55'26
max. Earth dist.	-10135 Apr 10 j 11:55	8°♒53'17	1.34922 AU
evening rise	-10135 Apr 15 j 05:34	18°♒13'17	
	-10135 Apr 21 j 15:08	0°♓	
	-10135 May 11 j 03:42	0°♈	
desc. node	-10135 May 17 j 14:46	7°♈45'06	
evening max el	-10135 May 20 j 07:46	10°♈33'35	26°55'48
retrograde	-10135 Jun 02 j 12:05	18°♈01'45	
evening set	-10135 Jun 09 j 06:29	15°♈13'43	
min. Earth dist.	-10135 Jun 13 j 02:53	11°♈18'03	0.65265 AU
inferior conj	-10135 Jun 15 j 00:15	9°♈04'13	-3°13'40
minimum elong	-10135 Jun 15 j 02:37	8°♈57'15	3°13'13
morning rise	-10135 Jun 20 j 23:04	3°♈25'41	
direct	-10135 Jun 23 j 23:53	2°♈34'41	
asc. node	-10135 Jun 27 j 19:48	3°♈52'09	
morning max el	-10135 Jun 30 j 14:56	6°♈13'24	18°31'43
	-10135 Jul 16 j 19:23	0°♉	
morning set	-10135 Jul 20 j 11:32	6°♉01'28	
superior conj	-10135 Aug 04 j 09:53	0°♊06'26	0°52'45
minimum elong	-10135 Aug 04 j 15:44	0°♊29'38	0°52'33
	-10135 Aug 04 j 08:16	0°♊	
max. Earth dist.	-10135 Aug 06 j 09:17	3°♊14'18	1.44550 AU
desc. node	-10135 Aug 13 j 11:59	14°♊27'49	
evening rise	-10135 Aug 20 j 22:54	26°♊12'28	
	-10135 Aug 23 j 08:40	0°♋	
evening max el	-10135 Sep 13 j 00:44	29°♋54'59	19°18'51
	-10135 Sep 13 j 02:42	0°♌	
retrograde	-10135 Sep 20 j 03:05	3°♌59'00	
evening set	-10135 Sep 23 j 09:16	2°♌57'33	
asc. node	-10135 Sep 23 j 19:46	2°♌40'03	
	-10135 Sep 26 j 16:22	30°℞♋	
inferior conj	-10135 Sep 29 j 02:00	27°♋04'46	1°39'19
minimum elong	-10135 Sep 28 j 23:45	27°♋11'54	1°39'01
min. Earth dist.	-10135 Sep 30 j 09:19	25°♋25'22	0.65771 AU
morning rise	-10135 Oct 04 j 13:53	20°♋49'51	
direct	-10135 Oct 10 j 18:17	18°♋11'46	
morning max el	-10135 Oct 23 j 07:26	25°♋31'39	26°08'39
	-10135 Oct 27 j 10:57	0°♌	
desc. node	-10135 Nov 09 j 11:53	17°♌17'48	
	-10135 Nov 17 j 16:14	0°♍	
morning set	-10135 Nov 28 j 08:28	18°♍35'40	
max. Earth dist.	-10135 Dec 02 j 10:37	26°♍21'34	1.35716 AU
	-10135 Dec 04 j 07:11	0°♎	
superior conj	-10135 Dec 07 j 09:49	6°♎14'30	-1°36'17
minimum elong	-10135 Dec 07 j 11:25	6°♎22'39	1°36'11
evening rise	-10135 Dec 15 j 03:07	22°♎08'31	
	-10135 Dec 19 j 01:17	0°♏	
asc. node	-10135 Dec 20 j 17:52	3°♏13'31	
evening max el	-10134 Jan 02 j 18:08	22°♏01'13	20°26'15

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10134 Jan 13 j 09:05	27°♏00'25	
evening set	-10134 Jan 15 j 23:22	26°♏43'49	
inferior conj	-10134 Jan 24 j 17:21	22°♏44'35	2°52'14
minimum elong	-10134 Jan 24 j 23:03	22°♏36'04	2°50'24
min. Earth dist.	-10134 Jan 26 j 09:26	21°♏44'59	0.55794 AU
morning rise	-10134 Feb 02 j 21:02	18°♏19'28	
desc. node	-10134 Feb 05 j 13:11	17°♏52'58	
direct	-10134 Feb 06 j 11:14	17°♏51'04	
morning max el	-10134 Feb 19 j 22:04	24°♏29'34	23°13'34
	-10134 Feb 24 j 21:46	0°♐	
	-10134 Mar 14 j 11:47	0°♑	
morning set	-10134 Mar 15 j 00:36	1°♑06'43	
asc. node	-10134 Mar 18 j 16:20	8°♑51'41	
superior conj	-10134 Mar 22 j 04:01	16°♑19'24	0°33'23
minimum elong	-10134 Mar 22 j 02:36	16°♑11'51	0°32'33
max. Earth dist.	-10134 Mar 24 j 12:11	21°♑16'35	1.33886 AU
	-10134 Mar 28 j 17:56	0°♒	
evening rise	-10134 Mar 29 j 21:17	2°♒16'27	
	-10134 Apr 14 j 12:25	0°♓	
evening max el	-10134 May 02 j 18:17	23°♓38'53	27°23'49
desc. node	-10134 May 04 j 12:06	25°♓16'10	
	-10134 May 11 j 09:15	0°♈	
retrograde	-10134 May 16 j 09:55	1°♈11'51	
	-10134 May 21 j 02:41	30°℞♓	
evening set	-10134 May 23 j 09:36	28°♓31'46	
min. Earth dist.	-10134 May 27 j 01:28	25°♓09'42	0.63842 AU
inferior conj	-10134 May 29 j 13:23	22°♓29'04	-3°33'14
minimum elong	-10134 May 29 j 14:50	22°♓25'10	3°33'15
morning rise	-10134 Jun 04 j 20:50	17°♓07'22	
direct	-10134 Jun 07 j 16:25	16°♓26'53	
morning max el	-10134 Jun 14 j 04:15	19°♓52'30	18°07'19
asc. node	-10134 Jun 14 j 16:39	20°♓24'20	
	-10134 Jun 21 j 17:34	0°♈	
morning set	-10134 Jul 01 j 21:49	17°♈06'33	
	-10134 Jul 09 j 12:08	0°♉	
superior conj	-10134 Jul 14 j 22:30	8°♉58'55	1°27'19
minimum elong	-10134 Jul 15 j 04:31	9°♉23'28	1°27'08
max. Earth dist.	-10134 Jul 20 j 00:09	17°♉10'44	1.43897 AU
	-10134 Jul 28 j 02:49	0°♊	
evening rise	-10134 Jul 31 j 06:12	4°♊53'23	
desc. node	-10134 Jul 31 j 09:13	5°♊05'03	
	-10134 Aug 16 j 20:24	0°♋	
evening max el	-10134 Aug 27 j 05:30	13°♋22'20	20°15'22
retrograde	-10134 Sep 03 j 23:49	17°♋54'02	
evening set	-10134 Sep 07 j 16:02	16°♋35'59	
asc. node	-10134 Sep 10 j 16:51	13°♋40'06	
inferior conj	-10134 Sep 13 j 03:13	10°♋33'18	0°47'03
minimum elong	-10134 Sep 13 j 02:09	10°♋36'54	0°47'11
min. Earth dist.	-10134 Sep 13 j 23:09	9°♋26'47	0.66557 AU
morning rise	-10134 Sep 18 j 12:01	4°♋14'14	
direct	-10134 Sep 24 j 02:10	1°♋50'43	
morning max el	-10134 Oct 05 j 16:50	8°♋45'24	24°54'39
	-10134 Oct 22 j 11:47	0°♌	
desc. node	-10134 Oct 27 j 08:37	7°♌14'03	
	-10134 Nov 10 j 06:01	0°♍	
morning set	-10134 Nov 10 j 15:38	0°♍42'21	
max. Earth dist.	-10134 Nov 14 j 12:01	7°♍38'30	1.37466 AU
superior conj	-10134 Nov 20 j 22:27	19°♍50'41	-1°41'58
minimum elong	-10134 Nov 20 j 22:45	19°♍52'09	1°41'48
	-10134 Nov 26 j 01:20	0°♎	
evening rise	-10134 Nov 29 j 05:54	6°♎23'53	
asc. node	-10134 Dec 07 j 15:09	22°♎12'05	
	-10134 Dec 12 j 19:31	0°♏	
evening max el	-10134 Dec 16 j 09:06	4°♏00'17	19°21'48
retrograde	-10134 Dec 25 j 10:56	8°♏18'14	
evening set	-10134 Dec 27 j 23:21	7°♏59'55	
inferior conj	-10133 Jan 05 j 04:10	3°♏49'40	3°53'22
minimum elong	-10133 Jan 05 j 08:08	3°♏43'02	3°52'33
min. Earth dist.	-10133 Jan 07 j 23:22	1°♏58'09	0.56974 AU
	-10133 Jan 11 j 08:00	30°℞♎	
morning rise	-10133 Jan 13 j 14:41	28°♎59'31	
direct	-10133 Jan 18 j 13:19	28°♎03'25	
desc. node	-10133 Jan 23 j 10:00	28°♎58'13	
	-10133 Jan 25 j 16:34	0°♏	
morning max el	-10133 Feb 01 j 12:55	5°♏09'13	24°49'58
	-10133 Feb 19 j 07:13	0°♐	
morning set	-10133 Feb 27 j 13:05	16°♐11'30	
asc. node	-10133 Mar 05 j 13:23	29°♐06'18	
	-10133 Mar 05 j 23:17	0°♑	
superior conj	-10133 Mar 06 j 13:07	1°♑14'58	0°09'41
minimum elong	-10133 Mar 06 j 12:44	1°♑12'50	0°09'02
behind sun begin	-10133 Mar 06 j 08:32	0°♑50'08	
behind sun end	-10133 Mar 06 j 16:55	1°♑35'32	
max. Earth dist.	-10133 Mar 07 j 20:23	4°♑03'55	1.33195 AU
evening rise	-10133 Mar 13 j 21:30	16°♑46'27	
	-10133 Mar 20 j 17:30	0°♒	
	-10133 Apr 09 j 07:56	0°♓	
evening max el	-10133 Apr 15 j 02:36	6°♓18'24	27°21'06
desc. node	-10133 Apr 21 j 09:23	11°♓19'35	
retrograde	-10133 Apr 29 j 01:10	13°♓49'14	
evening set	-10133 May 05 j 22:14	11°♓30'42	
min. Earth dist.	-10133 May 09 j 14:54	8°♓32'22	0.62074 AU
inferior conj	-10133 May 12 j 15:43	5°♓38'52	-3°38'25
minimum elong	-10133 May 12 j 15:30	5°♓39'22	3°38'43
morning rise	-10133 May 19 j 10:14	0°♓36'01	
direct	-10133 May 22 j 01:44	0°♓04'23	
morning max el	-10133 May 28 j 18:11	3°♓27'17	18°01'18
asc. node	-10133 Jun 01 j 13:29	7°♓58'37	
morning set	-10133 Jun 14 j 06:22	29°♓16'10	
	-10133 Jun 14 j 16:08	0°♈	
superior conj	-10133 Jun 25 j 13:05	19°♈08'21	1°45'47
minimum elong	-10133 Jun 25 j 15:49	19°♈20'05	1°45'49
	-10133 Jul 02 j 00:36	0°♉	
max. Earth dist.	-10133 Jul 02 j 11:03	0°♉42'53	1.42643 AU
evening rise	-10133 Jul 10 j 07:34	13°♉18'53	
desc. node	-10133 Jul 18 j 06:31	25°♉35'18	
	-10133 Jul 21 j 04:54	0°♊	
evening max el	-10133 Aug 10 j 03:41	26°♊47'02	21°24'52
	-10133 Aug 13 j 20:04	0°♋	
retrograde	-10133 Aug 18 j 19:57	1°♋54'14	
evening set	-10133 Aug 23 j 00:23	0°♋16'38	
	-10133 Aug 23 j 08:32	30°℞♊	
inferior conj	-10133 Aug 28 j 07:51	24°♊06'55	-0°04'53
minimum elong	-10133 Aug 28 j 07:57	24°♊06'36	0°04'17
transit middle	-10133 Aug 28 j 07:57	24°♊06'36	0°04'17
transit begin	-10133 Aug 28 j 05:20	24°♊15'35	
transit end	-10133 Aug 28 j 10:34	23°♊57'37	
min. Earth dist.	-10133 Aug 28 j 17:08	23°♊35'04	0.67051 AU
asc. node	-10133 Aug 28 j 13:54	23°♊46'11	
morning rise	-10133 Sep 02 j 15:21	17°♊47'29	
direct	-10133 Sep 07 j 15:01	15°♊42'17	
morning max el	-10133 Sep 18 j 02:48	22°♊00'10	23°31'30
	-10133 Sep 25 j 00:40	0°♋	
desc. node	-10133 Oct 14 j 05:25	27°♋28'59	
	-10133 Oct 15 j 19:53	0°♌	
morning set	-10133 Oct 22 j 22:50	11°♌35'36	
max. Earth dist.	-10133 Oct 27 j 09:57	19°♌13'33	1.39450 AU
	-10133 Nov 02 j 10:19	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10133	Nov	03	j 21:11	2°♍41'10	-1°39'20	superior conj	-10132	Oct	16	j 00:37	14°♌31'09	-1°25'50
minimum elong	-10133	Nov	03	j 19:30	2°♍33'18	1°38'57	minimum elong	-10132	Oct	15	j 20:44	14°♌14'01	1°25'04
evening rise	-10133	Nov	13	j 01:29	20°♍13'08			-10132	Oct	24	j 13:39	0°♍	
	-10133	Nov	18	j 05:15	0°♎		evening rise	-10132	Oct	26	j 10:42	3°♍28'35	
asc. node	-10133	Nov	24	j 12:25	10°♎32'21		asc. node	-10132	Nov	10	j 09:41	28°♍02'21	
evening max el	-10133	Nov	29	j 09:32	16°♎30'57	18°37'07	evening max el	-10132	Nov	11	j 17:08	29°♍26'11	18°12'43
retrograde	-10133	Dec	07	j 06:29	20°♎21'13			-10132	Nov	12	j 07:20	0°♎	
evening set	-10133	Dec	09	j 18:38	19°♎59'18		retrograde	-10132	Nov	18	j 19:24	3°♎02'00	
inferior conj	-10133	Dec	17	j 09:45	15°♎29'19	4°15'31	evening set	-10132	Nov	21	j 08:06	2°♎35'21	
minimum elong	-10133	Dec	17	j 10:08	15°♎28'34	4°15'24		-10132	Nov	25	j 18:05	30°℞♍	
min. Earth dist.	-10133	Dec	20	j 15:22	13°♎00'49	0.58661 AU	inferior conj	-10132	Nov	28	j 10:29	27°♍43'34	4°07'00
morning rise	-10133	Dec	24	j 23:48	10°♎16'17		minimum elong	-10132	Nov	28	j 08:06	27°♍48'51	4°06'50
direct	-10133	Dec	31	j 03:05	8°♎42'45		min. Earth dist.	-10132	Dec	01	j 13:16	24°♍58'17	0.60529 AU
desc. node	-10132	Jan	10	j 06:47	12°♎40'27		morning rise	-10132	Dec	05	j 06:42	22°♍11'14	
morning max el	-10132	Jan	14	j 05:11	16°♎01'36	26°13'52	direct	-10132	Dec	12	j 03:12	20°♍01'51	
	-10132	Jan	25	j 15:02	0°♏		morning max el	-10132	Dec	26	j 03:31	27°♍28'49	27°11'39
	-10132	Feb	11	j 10:28	0°♐		desc. node	-10132	Dec	27	j 03:31	28°♍28'05	
morning set	-10132	Feb	12	j 00:45	1°♐14'30			-10132	Dec	28	j 14:42	0°♎	
								-10131	Jan	18	j 02:39	0°♏	
superior conj	-10132	Feb	19	j 00:24	16°♐17'29	-0°13'53	morning set	-10131	Jan	26	j 09:48	16°♏09'02	
minimum elong	-10132	Feb	19	j 01:00	16°♐20'46	0°14'19		-10131	Feb	01	j 21:22	0°♐	
behind sun begin	-10132	Feb	18	j 22:55	16°♐09'20		max. Earth dist.	-10131	Feb	01	j 22:45	0°♐07'32	1.32786 AU
behind sun end	-10132	Feb	19	j 03:06	16°♐32'12								
max. Earth dist.	-10132	Feb	19	j 09:10	17°♐05'17	1.32832 AU	superior conj	-10131	Feb	02	j 12:14	1°♐21'07	-0°36'27
asc. node	-10132	Feb	20	j 10:28	19°♐23'15		minimum elong	-10131	Feb	02	j 13:41	1°♐29'02	0°36'40
	-10132	Feb	25	j 09:27	0°♑		asc. node	-10131	Feb	06	j 07:37	9°♐38'37	
evening rise	-10132	Feb	26	j 03:28	1°♑33'44		evening rise	-10131	Feb	09	j 12:58	16°♐30'33	
	-10132	Mar	12	j 19:11	0°♒			-10131	Feb	16	j 08:03	0°♑	
evening max el	-10132	Mar	27	j 06:13	18°♒21'38	26°45'27	evening max el	-10131	Mar	09	j 03:59	29°♑46'59	25°40'07
desc. node	-10132	Apr	07	j 06:38	25°♒22'17			-10131	Mar	09	j 09:28	0°♒	
retrograde	-10132	Apr	10	j 08:22	25°♒46'16		retrograde	-10131	Mar	23	j 06:07	7°♒00'34	
evening set	-10132	Apr	16	j 17:01	23°♒59'58		desc. node	-10131	Mar	25	j 03:49	6°♒51'45	
min. Earth dist.	-10132	Apr	20	j 19:24	21°♒11'30	0.60098 AU	evening set	-10131	Mar	28	j 16:27	5°♒49'54	
inferior conj	-10132	Apr	24	j 03:40	18°♒24'48	-3°23'29	min. Earth dist.	-10131	Apr	02	j 17:01	2°♒56'24	0.58146 AU
minimum elong	-10132	Apr	24	j 01:19	18°♒29'42	3°23'38	inferior conj	-10131	Apr	05	j 21:46	0°♒38'34	-2°41'28
morning rise	-10132	May	01	j 11:59	13°♒42'18		minimum elong	-10131	Apr	05	j 17:49	0°♒45'43	2°41'09
direct	-10132	May	03	j 23:54	13°♒18'16			-10131	Apr	06	j 19:17	30°℞♑	
morning max el	-10132	May	11	j 06:01	16°♒50'18	18°14'15	morning rise	-10131	Apr	13	j 22:23	26°♑16'04	
asc. node	-10132	May	18	j 10:19	26°♒20'41		direct	-10131	Apr	16	j 06:34	25°♑58'27	
	-10132	May	20	j 14:33	0°♓		morning max el	-10131	Apr	24	j 13:01	29°♑53'50	18°46'39
morning set	-10132	May	27	j 08:12	12°♓17'46			-10131	Apr	24	j 15:36	0°♒	
	-10132	Jun	05	j 21:50	0°♈		asc. node	-10131	May	05	j 07:11	15°♒19'50	
							morning set	-10131	May	10	j 22:53	26°♒00'56	
superior conj	-10132	Jun	06	j 06:00	0°♈36'46	1°49'37		-10131	May	12	j 23:59	0°♓	
minimum elong	-10132	Jun	06	j 05:30	0°♈34'29	1°49'34							
max. Earth dist.	-10132	Jun	13	j 16:24	13°♈36'17	1.40955 AU	superior conj	-10131	May	19	j 20:22	13°♓11'45	1°42'32
evening rise	-10132	Jun	19	j 00:46	22°♈30'10		minimum elong	-10131	May	19	j 17:59	13°♓00'28	1°42'09
	-10132	Jun	23	j 17:01	0°♉		max. Earth dist.	-10131	May	26	j 17:12	25°♓47'13	1.39074 AU
desc. node	-10132	Jul	04	j 03:53	15°♉53'51			-10131	May	29	j 02:44	0°♈	
	-10132	Jul	14	j 06:05	0°♊		evening rise	-10131	May	30	j 20:50	3°♈01'23	
evening max el	-10132	Jul	22	j 19:18	10°♊08'23	22°43'32		-10131	Jun	16	j 21:56	0°♉	
retrograde	-10132	Aug	01	j 14:02	15°♊56'29		desc. node	-10131	Jun	21	j 01:18	5°♉55'08	
evening set	-10132	Aug	06	j 08:23	13°♊57'41		evening max el	-10131	Jul	05	j 06:25	23°♉29'11	24°05'33
inferior conj	-10132	Aug	11	j 14:03	7°♊43'35	-0°54'50	retrograde	-10131	Jul	16	j 05:02	29°♉57'41	
minimum elong	-10132	Aug	11	j 15:11	7°♊39'38	0°53'52	evening set	-10131	Jul	21	j 14:11	27°♉38'16	
min. Earth dist.	-10132	Aug	11	j 12:53	7°♊47'37	0.67251 AU	inferior conj	-10131	Jul	26	j 20:05	21°♉22'19	-1°41'15
asc. node	-10132	Aug	14	j 10:54	3°♊56'45		minimum elong	-10131	Jul	26	j 22:03	21°♉15'35	1°40'08
morning rise	-10132	Aug	16	j 21:55	1°♊27'16		min. Earth dist.	-10131	Jul	26	j 08:03	22°♉03'16	0.67143 AU
	-10132	Aug	19	j 10:46	30°℞♉		morning rise	-10131	Aug	01	j 05:54	15°♉12'28	
direct	-10132	Aug	21	j 07:58	29°♉41'20		asc. node	-10131	Aug	01	j 07:51	15°♉08'49	
	-10132	Aug	23	j 07:13	0°♊		direct	-10131	Aug	05	j 04:03	13°♉44'41	
morning max el	-10132	Aug	30	j 16:00	5°♊17'05	22°07'46	morning max el	-10131	Aug	13	j 10:53	18°♉39'25	20°50'28
	-10132	Sep	18	j 08:43	0°♋			-10131	Aug	22	j 12:23	0°♊	
desc. node	-10132	Sep	30	j 02:17	17°♋56'29		morning set	-10131	Sep	11	j 10:03	29°♊47'52	
morning set	-10132	Oct	02	j 03:04	21°♋10'36			-10131	Sep	11	j 13:10	0°♋	
	-10132	Oct	07	j 12:59	0°♌		desc. node	-10131	Sep	16	j 23:15	8°♋32'21	
max. Earth dist.	-10132	Oct	08	j 11:16	1°♌32'45	1.41401 AU	max. Earth dist.	-10131	Sep	20	j 18:44	14°♋39'40	1.43043 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10131 Sep 27 j 03:03	25°♋06'39	-0°59'11	
minimum elong	-10131 Sep 26 j 22:17	24°♋46'40	0°58'06	
	-10131 Sep 30 j 00:34	0°♌		
evening rise	-10131 Oct 09 j 05:32	16°♌00'57		
	-10131 Oct 17 j 06:03	0°♍		
evening max el	-10131 Oct 26 j 05:08	12°♍38'54	18°07'56	
asc. node	-10131 Oct 28 j 06:59	14°♍27'40		
retrograde	-10131 Nov 01 j 21:45	16°♍10'56		
evening set	-10131 Nov 04 j 12:36	15°♍37'56		
inferior conj	-10131 Nov 11 j 03:35	10°♍25'40	3°38'05	
minimum elong	-10131 Nov 10 j 23:59	10°♍34'45	3°37'38	
min. Earth dist.	-10131 Nov 13 j 20:10	7°♍43'22	0.62333 AU	
morning rise	-10131 Nov 17 j 10:22	4°♍37'24		
direct	-10131 Nov 24 j 12:19	2°♍02'49		
morning max el	-10131 Dec 08 j 08:04	9°♍35'48	27°35'28	
desc. node	-10131 Dec 14 j 00:13	15°♍47'14		
	-10131 Dec 24 j 08:18	0°♎		
	-10130 Jan 10 j 04:52	0°♏		
morning set	-10130 Jan 10 j 14:01	0°♏46'19		
max. Earth dist.	-10130 Jan 16 j 09:09	12°♏55'26	1.33086 AU	
superior conj	-10130 Jan 17 j 22:52	16°♏18'51	-0°57'19	
minimum elong	-10130 Jan 18 j 00:55	16°♏29'56	0°57'22	
asc. node	-10130 Jan 24 j 04:50	29°♏47'31		
	-10130 Jan 24 j 07:11	0°♐		
evening rise	-10130 Jan 25 j 00:05	1°♐29'08		
	-10130 Feb 09 j 21:35	0°♑		
evening max el	-10130 Feb 18 j 21:34	10°♑44'28	24°14'07	
retrograde	-10130 Mar 04 j 16:15	17°♑35'53		
evening set	-10130 Mar 08 j 22:59	16°♑54'52		
desc. node	-10130 Mar 12 j 00:55	15°♑39'14		
min. Earth dist.	-10130 Mar 15 j 10:40	13°♑43'44	0.56531 AU	
inferior conj	-10130 Mar 17 j 20:01	12°♑13'27	-1°27'24	
minimum elong	-10130 Mar 17 j 16:46	12°♑18'35	1°27'02	
morning rise	-10130 Mar 26 j 13:36	8°♑06'19		
direct	-10130 Mar 28 j 18:51	7°♑53'02		
morning max el	-10130 Apr 07 j 12:06	12°♑27'13	19°38'49	
	-10130 Apr 19 j 15:42	0°♒		
asc. node	-10130 Apr 22 j 04:05	4°♒46'29		
morning set	-10130 Apr 24 j 22:44	10°♒15'34		
superior conj	-10130 May 03 j 02:36	26°♒37'04	1°28'01	
minimum elong	-10130 May 02 j 23:37	26°♒22'21	1°27'19	
	-10130 May 04 j 20:03	0°♓		
max. Earth dist.	-10130 May 08 j 18:31	7°♓30'49	1.37254 AU	
evening rise	-10130 May 12 j 18:44	14°♓51'39		
	-10130 May 21 j 15:14	0°♈		
desc. node	-10130 Jun 07 j 22:45	25°♈31'15		
	-10130 Jun 11 j 11:58	0°♉		
evening max el	-10130 Jun 17 j 16:06	6°♉52'03	25°23'17	
retrograde	-10130 Jun 29 j 16:02	13°♉53'00		
evening set	-10130 Jul 05 j 15:45	11°♉16'37		
min. Earth dist.	-10130 Jul 10 j 00:18	6°♉19'31	0.66701 AU	
inferior conj	-10130 Jul 11 j 00:09	5°♉01'18	-2°22'41	
minimum elong	-10130 Jul 11 j 02:39	4°♉53'07	2°21'40	
	-10130 Jul 15 j 07:49	30°℞♈		
morning rise	-10130 Jul 16 j 13:33	29°♈01'06		
asc. node	-10130 Jul 19 j 04:46	27°♈53'46		
direct	-10130 Jul 20 j 01:52	27°♈49'21		
	-10130 Jul 25 j 04:21	0°♉		
morning max el	-10130 Jul 27 j 12:19	2°♉08'20	19°44'41	
	-10130 Aug 16 j 05:16	0°♊		
morning set	-10130 Aug 21 j 13:09	8°♊17'19		
max. Earth dist.	-10130 Sep 03 j 07:42	28°♊22'53	1.44158 AU	
desc. node	-10130 Sep 03 j 20:19	29°♊13'03		
	-10130 Sep 04 j 08:05	0°♋		

superior conj	-10130 Sep 07 j 01:51	4°♋23'13	-0°19'33	
minimum elong	-10130 Sep 06 j 23:41	4°♋14'30	0°18'40	
evening rise	-10130 Sep 21 j 04:47	27°♋38'01		
	-10130 Sep 22 j 14:32	0°♌		
evening max el	-10130 Oct 09 j 18:40	26°♌02'44	18°21'49	
asc. node	-10130 Oct 15 j 04:13	29°♌32'11		
retrograde	-10130 Oct 16 j 09:25	29°♌40'08		
evening set	-10130 Oct 19 j 04:28	28°♌58'23		
inferior conj	-10130 Oct 25 j 09:32	23°♌28'06	2°56'53	
minimum elong	-10130 Oct 25 j 05:57	23°♌38'09	2°56'16	
min. Earth dist.	-10130 Oct 27 j 13:06	21°♌03'51	0.63914 AU	
morning rise	-10130 Oct 31 j 06:45	17°♌27'08		
direct	-10130 Nov 07 j 04:54	14°♌41'32		
morning max el	-10130 Nov 20 j 16:33	22°♌15'49	27°24'35	
	-10130 Nov 27 j 14:50	0°♍		
desc. node	-10130 Nov 30 j 20:54	4°♍11'37		
	-10130 Dec 17 j 10:59	0°♎		
morning set	-10130 Dec 25 j 10:46	14°♎57'18		
max. Earth dist.	-10130 Dec 30 j 12:40	25°♎17'00	1.33776 AU	
	-10129 Jan 01 j 18:26	0°♏		
superior conj	-10129 Jan 02 j 06:33	1°♏04'21	-1°15'34	
minimum elong	-10129 Jan 02 j 08:50	1°♏16'31	1°15'31	
evening rise	-10129 Jan 09 j 11:12	16°♏23'36		
asc. node	-10129 Jan 11 j 02:05	19°♏45'02		
	-10129 Jan 16 j 08:00	0°♐		
evening max el	-10129 Jan 31 j 15:35	21°♐36'03	22°40'15	
retrograde	-10129 Feb 13 j 13:45	27°♐49'40		
evening set	-10129 Feb 16 j 20:53	27°♐25'55		
min. Earth dist.	-10129 Feb 25 j 02:15	23°♐45'29	0.55574 AU	
inferior conj	-10129 Feb 26 j 00:56	23°♐12'44	0°13'43	
minimum elong	-10129 Feb 26 j 01:30	23°♐11'54	0°12'58	
transit middle	-10129 Feb 26 j 01:30	23°♐11'54	0°12'58	
transit begin	-10129 Feb 25 j 23:10	23°♐15'16		
transit end	-10129 Feb 26 j 03:50	23°♐08'32		
desc. node	-10129 Feb 26 j 21:55	22°♐42'32		
morning rise	-10129 Mar 07 j 07:29	19°♐10'20		
direct	-10129 Mar 09 j 15:37	18°♐57'26		
morning max el	-10129 Mar 21 j 00:44	24°♐21'48	20°50'18	
	-10129 Mar 25 j 23:43	0°♑		
morning set	-10129 Apr 09 j 04:55	24°♑53'44		
asc. node	-10129 Apr 09 j 01:00	24°♑33'44		
	-10129 Apr 11 j 16:21	0°♒		
superior conj	-10129 Apr 16 j 20:14	10°♒39'57	1°08'46	
minimum elong	-10129 Apr 16 j 17:31	10°♒26'03	1°07'54	
max. Earth dist.	-10129 Apr 21 j 03:06	19°♒16'49	1.35683 AU	
evening rise	-10129 Apr 25 j 13:01	27°♒46'00		
	-10129 Apr 26 j 17:49	0°♓		
	-10129 May 14 j 21:55	0°♈		
desc. node	-10129 May 25 j 20:10	14°♈31'28		
evening max el	-10129 May 31 j 02:31	20°♈15'17	26°27'58	
retrograde	-10129 Jun 12 j 22:13	27°♈36'20		
evening set	-10129 Jun 19 j 10:45	24°♈49'59		
min. Earth dist.	-10129 Jun 23 j 11:13	20°♈32'07	0.65899 AU	
inferior conj	-10129 Jun 25 j 00:16	18°♈37'44	-2°57'30	
minimum elong	-10129 Jun 25 j 02:50	18°♈29'47	2°56'48	
morning rise	-10129 Jun 30 j 19:04	12°♈50'16		
direct	-10129 Jul 03 j 23:35	11°♈52'13		
asc. node	-10129 Jul 06 j 01:37	12°♈16'05		
morning max el	-10129 Jul 10 j 19:42	15°♈43'00	18°53'35	
	-10129 Jul 21 j 07:29	0°♉		
morning set	-10129 Aug 01 j 07:54	17°♉31'39		
	-10129 Aug 09 j 03:35	0°♊		
superior conj	-10129 Aug 17 j 04:17	12°♊42'51	0°27'12	
minimum elong	-10129 Aug 17 j 07:41	12°♊56'17	0°27'19	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10129 Aug 17 j 00:10	12°♊26'36	1.44613 AU
desc. node	-10129 Aug 21 j 17:27	19°♊54'46	
	-10129 Aug 28 j 01:44	0°♋	
evening rise	-10129 Sep 02 j 02:59	8°♋05'34	
	-10129 Sep 15 j 23:19	0°♌	
evening max el	-10129 Sep 23 j 06:45	9°♌31'01	18°53'18
retrograde	-10129 Sep 30 j 02:44	13°♌22'28	
asc. node	-10129 Oct 02 j 01:24	13°♌00'53	
evening set	-10129 Oct 03 j 04:17	12°♌29'00	
inferior conj	-10129 Oct 09 j 01:02	6°♌43'36	2°08'43
minimum elong	-10129 Oct 08 j 22:11	6°♌52'17	2°08'14
min. Earth dist.	-10129 Oct 10 j 15:26	4°♌46'33	0.65189 AU
morning rise	-10129 Oct 14 j 15:39	0°♌33'02	
	-10129 Oct 15 j 08:03	30°℞♋	
direct	-10129 Oct 21 j 03:40	27°♋49'26	
	-10129 Oct 27 j 15:47	0°♌	
morning max el	-10129 Nov 03 j 02:29	5°♌16'58	26°43'21
desc. node	-10129 Nov 17 j 17:35	23°♌21'32	
	-10129 Nov 22 j 05:12	0°♍	
morning set	-10129 Dec 08 j 20:35	28°♍30'27	
	-10129 Dec 09 j 15:20	0°♎	
max. Earth dist.	-10129 Dec 13 j 06:16	7°♎06'13	1.34891 AU
superior conj	-10129 Dec 17 j 09:06	15°♎29'51	-1°30'08
minimum elong	-10129 Dec 17 j 11:08	15°♎40'23	1°30'02
	-10129 Dec 24 j 07:33	0°♏	
evening rise	-10129 Dec 24 j 20:35	1°♏07'36	
asc. node	-10129 Dec 28 j 23:22	9°♏25'17	
	-10128 Jan 11 j 00:05	0°♐	
evening max el	-10128 Jan 13 j 15:15	2°♐44'05	21°11'17
retrograde	-10128 Jan 25 j 03:50	8°♐10'10	
evening set	-10128 Jan 27 j 21:52	7°♐52'43	
inferior conj	-10128 Feb 05 j 21:51	3°♐53'36	2°00'12
minimum elong	-10128 Feb 06 j 02:39	3°♐46'44	1°58'18
min. Earth dist.	-10128 Feb 06 j 16:18	3°♐27'12	0.55467 AU
desc. node	-10128 Feb 13 j 18:49	0°♐04'51	
	-10128 Feb 14 j 01:12	30°℞♏	
morning rise	-10128 Feb 15 j 06:42	29°♏41'09	
direct	-10128 Feb 18 j 06:06	29°♏21'37	
	-10128 Feb 22 j 08:08	0°♐	
morning max el	-10128 Mar 02 j 02:08	5°♐35'50	22°18'18
	-10128 Mar 18 j 17:49	0°♑	
morning set	-10128 Mar 23 j 15:07	9°♑48'19	
asc. node	-10128 Mar 25 j 21:59	14°♑35'53	
superior conj	-10128 Mar 30 j 21:53	25°♑10'19	0°46'45
minimum elong	-10128 Mar 30 j 19:55	24°♑59'59	0°45'52
	-10128 Apr 02 j 05:22	0°♒	
max. Earth dist.	-10128 Apr 02 j 22:05	1°♒26'17	1.34442 AU
evening rise	-10128 Apr 07 j 22:12	11°♒28'16	
	-10128 Apr 18 j 02:43	0°♓	
	-10128 May 09 j 04:56	0°♈	
desc. node	-10128 May 11 j 17:31	2°♈41'11	
evening max el	-10128 May 12 j 13:34	3°♈31'02	27°11'17
retrograde	-10128 May 25 j 23:02	11°♈01'19	
evening set	-10128 Jun 01 j 20:33	8°♈15'16	
min. Earth dist.	-10128 Jun 05 j 14:41	4°♈34'42	0.64707 AU
inferior conj	-10128 Jun 07 j 18:10	2°♈08'33	-3°23'28
minimum elong	-10128 Jun 07 j 20:14	2°♈02'41	3°23'14
	-10128 Jun 09 j 16:46	30°℞♓	
morning rise	-10128 Jun 13 j 20:22	26°♓36'46	
direct	-10128 Jun 16 j 18:53	25°♓50'16	
asc. node	-10128 Jun 21 j 22:27	28°♓05'40	
morning max el	-10128 Jun 23 j 07:30	29°♓21'58	18°19'11
	-10128 Jun 23 j 22:06	0°♈	
morning set	-10128 Jul 12 j 03:44	27°♈56'34	
	-10128 Jul 13 j 09:20	0°♉	
superior conj	-10128 Jul 26 j 06:55	21°♉05'16	1°09'15
minimum elong	-10128 Jul 26 j 13:29	21°♉31'35	1°09'00
max. Earth dist.	-10128 Jul 29 j 17:09	26°♉33'21	1.44358 AU
	-10128 Jul 31 j 21:17	0°♊	
desc. node	-10128 Aug 07 j 14:40	10°♊34'46	
evening rise	-10128 Aug 11 j 22:32	17°♊20'35	
	-10128 Aug 20 j 02:15	0°♋	
greatest brilliancy	-10128 Aug 23 j 11:08	5°♋09'24	-0.7m
evening max el	-10128 Sep 05 j 14:49	22°♋59'39	19°41'05
retrograde	-10128 Sep 12 j 22:58	27°♋14'03	
evening set	-10128 Sep 16 j 09:14	26°♋05'44	
asc. node	-10128 Sep 17 j 22:32	24°♋50'53	
inferior conj	-10128 Sep 21 j 23:22	20°♋08'15	1°17'12
minimum elong	-10128 Sep 21 j 21:37	20°♋13'58	1°17'05
min. Earth dist.	-10128 Sep 23 j 01:38	18°♋42'54	0.66146 AU
morning rise	-10128 Sep 27 j 09:44	13°♋51'21	
direct	-10128 Oct 03 j 08:12	11°♋19'03	
morning max el	-10128 Oct 15 j 12:20	18°♋29'02	25°38'54
	-10128 Oct 25 j 07:46	0°♌	
desc. node	-10128 Nov 03 j 14:19	13°♌03'49	
	-10128 Nov 14 j 05:31	0°♍	
morning set	-10128 Nov 20 j 15:02	11°♍12'57	
max. Earth dist.	-10128 Nov 24 j 13:11	18°♍30'14	1.36427 AU
superior conj	-10128 Nov 30 j 03:48	29°♍26'57	-1°39'34
minimum elong	-10128 Nov 30 j 04:56	29°♍32'40	1°39'27
	-10128 Nov 30 j 10:24	0°♎	
evening rise	-10128 Dec 08 j 02:25	15°♎35'32	
asc. node	-10128 Dec 14 j 20:39	28°♎41'39	
	-10128 Dec 15 j 14:14	0°♏	
evening max el	-10128 Dec 26 j 00:13	14°♏23'00	19°56'23
retrograde	-10127 Jan 04 j 22:36	19°♏03'27	
evening set	-10127 Jan 07 j 11:49	18°♏46'20	
inferior conj	-10127 Jan 16 j 00:22	14°♏43'30	3°23'10
minimum elong	-10127 Jan 16 j 05:47	14°♏35'05	3°21'42
min. Earth dist.	-10127 Jan 18 j 05:45	13°♏20'52	0.56218 AU
morning rise	-10127 Jan 24 j 21:47	10°♏08'12	
direct	-10127 Jan 29 j 01:20	9°♏29'59	
desc. node	-10127 Jan 30 j 15:41	9°♏35'48	
morning max el	-10127 Feb 11 j 19:15	16°♏21'31	23°55'14
	-10127 Feb 22 j 15:57	0°♐	
morning set	-10127 Mar 08 j 03:17	24°♐51'40	
	-10127 Mar 10 j 13:30	0°♑	
asc. node	-10127 Mar 12 j 18:59	4°♑47'23	
superior conj	-10127 Mar 15 j 04:53	9°♑59'04	0°23'22
minimum elong	-10127 Mar 15 j 03:54	9°♑53'46	0°22'35
max. Earth dist.	-10127 Mar 17 j 02:15	14°♑01'36	1.33550 AU
evening rise	-10127 Mar 22 j 17:54	25°♑44'02	
	-10127 Mar 24 j 21:41	0°♒	
	-10127 Apr 11 j 13:40	0°♓	
evening max el	-10127 Apr 24 j 23:18	16°♓26'23	27°26'35
desc. node	-10127 Apr 28 j 14:50	19°♓38'43	
retrograde	-10127 May 08 j 17:58	23°♓58'50	
evening set	-10127 May 15 j 17:54	21°♓26'04	
min. Earth dist.	-10127 May 19 j 09:11	18°♓15'56	0.63130 AU
inferior conj	-10127 May 22 j 03:04	15°♓27'42	-3°37'31
minimum elong	-10127 May 22 j 03:54	15°♓25'34	3°37'41
morning rise	-10127 May 28 j 14:57	10°♓14'02	
direct	-10127 May 31 j 08:46	9°♓37'26	
morning max el	-10127 Jun 06 j 21:25	13°♓00'11	18°02'34
asc. node	-10127 Jun 08 j 19:17	15°♓06'06	
	-10127 Jun 18 j 13:01	0°♈	
morning set	-10127 Jun 24 j 00:01	9°♈30'17	
	-10127 Jul 05 j 23:03	0°♉	
superior conj	-10127 Jul 06 j 05:50	0°♉28'17	1°37'08

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10127 Jul 06 j 10:39	0°♉48'16	1°37'05
max. Earth dist.	-10127 Jul 12 j 06:52	10°♉22'17	1.43428 AU
evening rise	-10127 Jul 22 j 00:30	25°♉46'57	
	-10127 Jul 24 j 17:54	0°♊	
desc. node	-10127 Jul 25 j 11:57	1°♊09'29	
	-10127 Aug 14 j 06:08	0°♋	
evening max el	-10127 Aug 19 j 16:46	6°♋25'25	20°43'30
retrograde	-10127 Aug 27 j 19:45	11°♋11'40	
evening set	-10127 Aug 31 j 16:57	9°♋45'26	
asc. node	-10127 Sep 04 j 19:37	5°♋21'49	
inferior conj	-10127 Sep 06 j 02:18	3°♋39'09	0°24'51
minimum elong	-10127 Sep 06 j 01:43	3°♋41'05	0°25'12
min. Earth dist.	-10127 Sep 06 j 17:33	2°♋47'27	0.66798 AU
	-10127 Sep 08 j 21:11	30°℞♊	
morning rise	-10127 Sep 11 j 10:19	27°♊19'26	
direct	-10127 Sep 16 j 18:06	25°♊03'43	
	-10127 Sep 26 j 02:46	0°♋	
morning max el	-10127 Sep 27 j 21:57	1°♋44'07	24°19'57
	-10127 Oct 19 j 09:37	0°♌	
desc. node	-10127 Oct 21 j 11:07	3°♌09'01	
morning set	-10127 Nov 02 j 12:43	22°♌50'28	
max. Earth dist.	-10127 Nov 06 j 12:31	29°♌52'13	1.38290 AU
	-10127 Nov 06 j 14:14	0°♍	
superior conj	-10127 Nov 13 j 11:07	12°♍45'26	-1°42'01
minimum elong	-10127 Nov 13 j 10:39	12°♍43'10	1°41'47
evening rise	-10127 Nov 22 j 02:31	29°♍41'13	
	-10127 Nov 22 j 06:19	0°♎	
asc. node	-10127 Dec 01 j 17:57	17°♎25'53	
evening max el	-10127 Dec 08 j 19:24	26°♎36'35	19°00'20
	-10127 Dec 13 j 19:17	0°♏	
retrograde	-10127 Dec 17 j 08:03	0°♏41'34	
evening set	-10127 Dec 19 j 20:03	0°♏22'00	
	-10127 Dec 21 j 00:24	30°℞♎	
inferior conj	-10127 Dec 27 j 18:57	26°♎03'53	4°07'12
minimum elong	-10127 Dec 27 j 21:26	25°♎59'29	4°06'47
min. Earth dist.	-10127 Dec 30 j 20:26	23°♎54'20	0.57641 AU
morning rise	-10126 Jan 04 j 20:40	21°♎03'11	
direct	-10126 Jan 10 j 08:15	19°♎51'57	
desc. node	-10126 Jan 17 j 12:29	21°♎51'20	
morning max el	-10126 Jan 24 j 10:16	27°♎05'00	25°28'06
	-10126 Jan 27 j 06:05	0°♏	
	-10126 Feb 15 j 17:40	0°♐	
morning set	-10126 Feb 20 j 15:42	9°♐57'23	
superior conj	-10126 Feb 27 j 15:11	24°♐59'15	-0°00'22
minimum elong	-10126 Feb 27 j 15:13	24°♐59'27	0°00'57
behind sun begin	-10126 Feb 27 j 10:12	24°♐32'07	
behind sun end	-10126 Feb 27 j 20:15	25°♐26'46	
asc. node	-10126 Feb 27 j 16:05	25°♐04'08	
max. Earth dist.	-10126 Feb 28 j 12:48	26°♐56'42	1.32999 AU
	-10126 Mar 01 j 22:42	0°♑	
evening rise	-10126 Mar 06 j 20:54	10°♑22'57	
	-10126 Mar 17 j 05:20	0°♒	
evening max el	-10126 Apr 07 j 05:39	28°♒50'48	27°09'45
	-10126 Apr 08 j 11:19	0°♓	
desc. node	-10126 Apr 15 j 12:06	4°♓55'22	
retrograde	-10126 Apr 21 j 06:16	6°♓20'18	
evening set	-10126 Apr 27 j 23:21	4°♓14'09	
min. Earth dist.	-10126 May 01 j 18:36	1°♓22'01	0.61249 AU
	-10126 May 03 j 07:31	30°℞♒	
inferior conj	-10126 May 04 j 23:43	28°♒28'22	-3°34'57
minimum elong	-10126 May 04 j 22:38	28°♒30'50	3°35'14
morning rise	-10126 May 11 j 23:50	23°♒34'24	
direct	-10126 May 14 j 13:43	23°♒06'16	
morning max el	-10126 May 21 j 10:53	26°♒31'29	18°04'27
	-10126 May 24 j 11:56	0°♓	
asc. node	-10126 May 26 j 16:06	3°♓02'20	
morning set	-10126 Jun 06 j 16:28	22°♓03'03	
	-10126 Jun 11 j 01:02	0°♈	
superior conj	-10126 Jun 17 j 08:05	11°♈12'37	1°49'00
minimum elong	-10126 Jun 17 j 09:18	11°♈17'59	1°49'01
max. Earth dist.	-10126 Jun 24 j 14:56	23°♈37'08	1.41961 AU
	-10126 Jun 28 j 12:19	0°♉	
evening rise	-10126 Jul 01 j 06:14	4°♉24'40	
desc. node	-10126 Jul 12 j 09:18	21°♉35'15	
	-10126 Jul 18 j 02:44	0°♊	
evening max el	-10126 Aug 02 j 11:54	19°♊47'53	21°57'33
retrograde	-10126 Aug 11 j 15:18	25°♊12'46	
evening set	-10126 Aug 16 j 01:22	23°♊26'22	
inferior conj	-10126 Aug 21 j 07:49	17°♊14'16	-0°26'27
minimum elong	-10126 Aug 21 j 08:23	17°♊12'20	0°25'40
min. Earth dist.	-10126 Aug 21 j 12:41	16°♊57'29	0.67165 AU
asc. node	-10126 Aug 22 j 16:39	15°♊21'55	
morning rise	-10126 Aug 26 j 15:15	10°♊55'29	
direct	-10126 Aug 31 j 08:53	8°♊58'30	
morning max el	-10126 Sep 10 j 08:58	14°♊59'30	22°55'27
	-10126 Sep 22 j 11:38	0°♋	
desc. node	-10126 Oct 08 j 07:57	23°♋29'46	
	-10126 Oct 12 j 09:51	0°♌	
morning set	-10126 Oct 14 j 08:30	3°♌10'07	
max. Earth dist.	-10126 Oct 19 j 10:45	11°♌42'04	1.40290 AU
superior conj	-10126 Oct 27 j 02:20	25°♌11'45	-1°35'06
minimum elong	-10126 Oct 26 j 23:40	24°♌59'40	1°34'34
	-10126 Oct 29 j 17:06	0°♍	
evening rise	-10126 Nov 05 j 18:07	13°♍16'52	
	-10126 Nov 14 j 23:37	0°♎	
asc. node	-10126 Nov 18 j 15:17	5°♎26'40	
evening max el	-10126 Nov 21 j 23:15	9°♎18'52	18°24'23
retrograde	-10126 Nov 29 j 11:08	13°♎01'26	
evening set	-10126 Dec 01 j 23:19	12°♎37'45	
inferior conj	-10126 Dec 09 j 08:55	7°♎58'55	4°14'59
minimum elong	-10126 Dec 09 j 07:57	8°♎00'54	4°14'56
min. Earth dist.	-10126 Dec 12 j 14:48	5°♎20'21	0.59444 AU
morning rise	-10126 Dec 16 j 14:51	2°♎37'06	
direct	-10126 Dec 23 j 03:03	0°♎47'07	
desc. node	-10125 Jan 04 j 09:14	6°♎30'58	
morning max el	-10125 Jan 06 j 04:49	8°♎10'36	26°42'10
	-10125 Jan 22 j 18:15	0°♏	
morning set	-10125 Feb 05 j 02:30	24°♏57'38	
	-10125 Feb 07 j 11:43	0°♐	
superior conj	-10125 Feb 12 j 02:55	10°♐03'14	-0°23'36
minimum elong	-10125 Feb 12 j 03:54	10°♐08'37	0°23'56
max. Earth dist.	-10125 Feb 12 j 02:12	9°♐59'16	1.32771 AU
asc. node	-10125 Feb 14 j 13:13	15°♐21'05	
evening rise	-10125 Feb 19 j 04:37	25°♐15'15	
	-10125 Feb 21 j 12:12	0°♑	
	-10125 Mar 11 j 04:30	0°♒	
evening max el	-10125 Mar 20 j 06:50	10°♒37'49	26°20'53
desc. node	-10125 Apr 02 j 09:18	17°♒56'19	
retrograde	-10125 Apr 03 j 10:00	17°♒58'58	
evening set	-10125 Apr 09 j 09:57	16°♒28'10	
min. Earth dist.	-10125 Apr 13 j 20:11	13°♒38'56	0.59247 AU
inferior conj	-10125 Apr 17 j 04:30	11°♒01'52	-3°09'23
minimum elong	-10125 Apr 17 j 01:19	11°♒08'08	3°09'22
morning rise	-10125 Apr 24 j 19:30	6°♒27'55	
direct	-10125 Apr 27 j 05:39	6°♒06'55	
morning max el	-10125 May 04 j 21:02	9°♒47'28	18°25'33
asc. node	-10125 May 13 j 12:56	21°♒41'28	
	-10125 May 18 j 03:47	0°♓	
morning set	-10125 May 21 j 00:17	5°♓23'39	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10125 May 30 j 10:49	23°♓11'12	1°47'44
minimum elong	-10125 May 30 j 09:20	23°♓04'22	1°47'33
	-10125 Jun 03 j 05:11	0°♈	
max. Earth dist.	-10125 Jun 06 j 17:36	6°♈10'32	1.40164 AU
evening rise	-10125 Jun 11 j 10:28	14°♈08'51	
	-10125 Jun 21 j 08:37	0°♉	
desc. node	-10125 Jun 29 j 06:42	11°♉47'19	
	-10125 Jul 13 j 02:59	0°♊	
evening max el	-10125 Jul 16 j 01:21	3°♊09'13	23°18'32
retrograde	-10125 Jul 26 j 08:10	9°♊15'02	
evening set	-10125 Jul 31 j 08:40	7°♊07'32	
inferior conj	-10125 Aug 05 j 14:10	0°♊52'27	-1°15'02
minimum elong	-10125 Aug 05 j 15:42	0°♊47'11	1°13'58
min. Earth dist.	-10125 Aug 05 j 08:34	1°♊11'46	0.67241 AU
	-10125 Aug 06 j 05:27	30°℞♉	
asc. node	-10125 Aug 09 j 13:36	25°♉53'22	
morning rise	-10125 Aug 10 j 22:39	24°♉38'16	
direct	-10125 Aug 15 j 03:28	23°♉00'02	
morning max el	-10125 Aug 24 j 00:13	28°♉18'00	21°33'42
	-10125 Aug 25 j 14:09	0°♊	
	-10125 Sep 16 j 04:11	0°♋	
morning set	-10125 Sep 24 j 02:14	12°♋15'51	
desc. node	-10125 Sep 25 j 04:54	14°♋01'28	
max. Earth dist.	-10125 Oct 01 j 14:13	24°♋20'57	1.42152 AU
	-10125 Oct 04 j 23:44	0°♌	
superior conj	-10125 Oct 08 j 19:50	6°♌32'01	-1°16'14
minimum elong	-10125 Oct 08 j 15:17	6°♌12'24	1°15'18
evening rise	-10125 Oct 19 j 21:46	26°♌15'02	
	-10125 Oct 21 j 23:19	0°♍	
evening max el	-10125 Nov 05 j 09:09	22°♍22'38	18°08'22
asc. node	-10125 Nov 05 j 12:34	22°♍31'03	
retrograde	-10125 Nov 12 j 06:05	25°♍55'11	
evening set	-10125 Nov 14 j 19:36	25°♍25'57	
inferior conj	-10125 Nov 21 j 16:58	20°♍25'20	3°56'39
minimum elong	-10125 Nov 21 j 13:53	20°♍32'34	3°56'22
min. Earth dist.	-10125 Nov 24 j 16:05	17°♍39'09	0.61323 AU
morning rise	-10125 Nov 28 j 06:59	14°♍46'10	
direct	-10125 Dec 05 j 07:24	12°♍24'14	
morning max el	-10125 Dec 19 j 05:38	19°♍53'31	27°26'03
desc. node	-10125 Dec 22 j 05:58	23°♍00'43	
	-10125 Dec 27 j 24:00	0°♎	
	-10124 Jan 15 j 11:54	0°♏	
morning set	-10124 Jan 20 j 09:45	9°♏45'13	
max. Earth dist.	-10124 Jan 26 j 14:49	22°♏56'18	1.32873 AU
superior conj	-10124 Jan 27 j 14:27	25°♏04'48	-0°45'34
minimum elong	-10124 Jan 27 j 16:11	25°♏14'17	0°45'42
	-10124 Jan 29 j 20:38	0°♐	
asc. node	-10124 Feb 01 j 10:25	5°♐34'09	
evening rise	-10124 Feb 03 j 15:01	10°♐13'27	
	-10124 Feb 13 j 22:07	0°♑	
evening max el	-10124 Mar 01 j 02:40	21°♑49'48	25°05'23
retrograde	-10124 Mar 15 j 02:44	28°♑54'47	
desc. node	-10124 Mar 19 j 06:26	28°♑14'41	
evening set	-10124 Mar 20 j 01:27	27°♑58'16	
min. Earth dist.	-10124 Mar 25 j 15:52	24°♑58'37	0.57402 AU
inferior conj	-10124 Mar 28 j 14:14	22°♑59'32	-2°14'01
minimum elong	-10124 Mar 28 j 10:12	23°♑06'25	2°13'34
morning rise	-10124 Apr 05 j 22:07	18°♑44'03	
direct	-10124 Apr 08 j 04:54	18°♑28'30	
morning max el	-10124 Apr 17 j 00:54	22°♑38'44	19°06'21
	-10124 Apr 23 j 00:22	0°♒	
asc. node	-10124 Apr 29 j 09:48	10°♒53'11	
morning set	-10124 May 03 j 19:17	19°♒21'23	
	-10124 May 09 j 04:39	0°♓	

superior conj	-10124 May 12 j 08:30	6°♓08'55	1°37'06
minimum elong	-10124 May 12 j 05:44	5°♓55'33	1°36'35
max. Earth dist.	-10124 May 18 j 18:13	18°♓08'19	1.38284 AU
evening rise	-10124 May 22 j 18:03	25°♓15'01	
	-10124 May 25 j 12:16	0°♈	
	-10124 Jun 13 j 23:20	0°♉	
desc. node	-10124 Jun 15 j 04:07	1°♉38'49	
evening max el	-10124 Jun 27 j 11:40	16°♉31'17	24°39'42
retrograde	-10124 Jul 08 j 21:22	23°♉14'05	
evening set	-10124 Jul 14 j 12:52	20°♉46'57	
min. Earth dist.	-10124 Jul 19 j 02:42	15°♉27'53	0.67003 AU
inferior conj	-10124 Jul 19 j 19:34	14°♉31'14	-1°59'30
minimum elong	-10124 Jul 19 j 21:49	14°♉23'43	1°58'25
morning rise	-10124 Jul 25 j 06:43	8°♉25'12	
asc. node	-10124 Jul 26 j 10:31	7°♉42'41	
direct	-10124 Jul 29 j 00:32	7°♉04'21	
morning max el	-10124 Aug 05 j 21:46	11°♉42'31	20°20'50
	-10124 Aug 19 j 15:10	0°♊	
morning set	-10124 Sep 02 j 04:52	20°♊42'01	
	-10124 Sep 08 j 03:25	0°♋	
desc. node	-10124 Sep 11 j 01:55	4°♋39'36	
max. Earth dist.	-10124 Sep 13 j 00:41	7°♋46'39	1.43600 AU
superior conj	-10124 Sep 18 j 10:22	16°♋33'00	-0°43'46
minimum elong	-10124 Sep 18 j 06:11	16°♋15'49	0°42'41
	-10124 Sep 26 j 11:18	0°♌	
evening rise	-10124 Oct 01 j 08:53	8°♌25'02	
	-10124 Oct 14 j 09:07	0°♍	
evening max el	-10124 Oct 18 j 22:08	5°♍40'21	18°11'35
asc. node	-10124 Oct 22 j 09:48	8°♍23'37	
retrograde	-10124 Oct 25 j 12:54	9°♍13'27	
evening set	-10124 Oct 28 j 05:22	8°♍36'54	
inferior conj	-10124 Nov 03 j 15:54	3°♍16'19	3°21'45
minimum elong	-10124 Nov 03 j 12:12	3°♍26'08	3°21'10
min. Earth dist.	-10124 Nov 06 j 02:58	0°♍40'34	0.63043 AU
	-10124 Nov 06 j 19:02	30°℞♌	
morning rise	-10124 Nov 09 j 18:13	27°♌22'26	
direct	-10124 Nov 16 j 19:29	24°♌41'45	
	-10124 Nov 28 j 00:57	0°♍	
morning max el	-10124 Nov 30 j 12:09	2°♍15'10	27°35'02
desc. node	-10124 Dec 08 j 02:41	10°♍49'59	
	-10124 Dec 21 j 05:21	0°♎	
morning set	-10123 Jan 03 j 11:09	24°♎12'16	
	-10123 Jan 06 j 07:13	0°♏	
max. Earth dist.	-10123 Jan 08 j 22:56	5°♏35'05	1.33330 AU
superior conj	-10123 Jan 11 j 00:03	9°♏57'53	-1°05'27
minimum elong	-10123 Jan 11 j 02:15	10°♏09'43	1°05'26
evening rise	-10123 Jan 18 j 02:21	25°♏11'07	
asc. node	-10123 Jan 18 j 07:39	25°♏38'52	
	-10123 Jan 20 j 10:14	0°♐	
	-10123 Feb 08 j 04:35	0°♑	
evening max el	-10123 Feb 10 j 19:46	2°♑41'48	23°34'20
retrograde	-10123 Feb 24 j 07:05	9°♑18'46	
evening set	-10123 Feb 28 j 03:04	8°♑46'28	
desc. node	-10123 Mar 06 j 03:29	6°♑06'31	
min. Earth dist.	-10123 Mar 07 j 08:07	5°♑24'48	0.56029 AU
inferior conj	-10123 Mar 09 j 04:26	4°♑18'14	-0°46'58
minimum elong	-10123 Mar 09 j 02:29	4°♑21'09	0°46'56
morning rise	-10123 Mar 18 j 04:26	0°♑15'06	
direct	-10123 Mar 20 j 10:02	0°♑02'30	
morning max el	-10123 Mar 30 j 19:47	4°♑56'34	20°07'00
asc. node	-10123 Apr 16 j 06:43	0°♒29'49	
	-10123 Apr 16 j 00:43	0°♒	
morning set	-10123 Apr 17 j 22:12	3°♒47'43	
superior conj	-10123 Apr 25 j 20:08	19°♒52'18	1°20'18

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10123 Apr 25 j 17:11	19°♒37'31	1°19'31
max. Earth dist.	-10123 Apr 30 j 22:23	29°♒51'43	1.36548 AU
	-10123 May 01 j 00:07	0°♓	
evening rise	-10123 May 05 j 01:22	7°♓34'52	
	-10123 May 18 j 06:34	0°♈	
desc. node	-10123 Jun 02 j 01:30	21°♈01'11	
	-10123 Jun 09 j 23:35	0°♉	
evening max el	-10123 Jun 09 j 21:29	29°♈54'49	25°52'46
retrograde	-10123 Jun 22 j 06:16	7°♉05'29	
evening set	-10123 Jun 28 j 11:57	4°♉23'31	
	-10123 Jul 02 j 11:36	30°℞♈	
min. Earth dist.	-10123 Jul 02 j 16:50	29°♈43'24	0.66416 AU
inferior conj	-10123 Jul 03 j 22:12	28°♈09'21	-2°38'22
minimum elong	-10123 Jul 04 j 00:47	28°♈01'03	2°37'28
morning rise	-10123 Jul 09 j 13:42	22°♈14'29	
direct	-10123 Jul 12 j 22:29	21°♈08'54	
asc. node	-10123 Jul 13 j 07:23	21°♈09'40	
morning max el	-10123 Jul 20 j 01:58	25°♈14'29	19°21'00
	-10123 Jul 24 j 02:26	0°♉	
morning set	-10123 Aug 12 j 12:40	29°♉25'28	
	-10123 Aug 12 j 21:27	0°♊	
max. Earth dist.	-10123 Aug 26 j 15:52	21°♊42'01	1.44442 AU
superior conj	-10123 Aug 28 j 22:36	25°♊19'16	0°00'06
minimum elong	-10123 Aug 28 j 22:41	25°♊19'38	0°00'39
behind sun begin	-10123 Aug 28 j 11:28	24°♊34'59	
behind sun end	-10123 Aug 29 j 09:55	26°♊04'20	
desc. node	-10123 Aug 28 j 23:00	25°♊20'54	
	-10123 Aug 31 j 20:59	0°♋	
evening rise	-10123 Sep 12 j 22:02	19°♋33'59	
	-10123 Sep 19 j 06:03	0°♌	
evening max el	-10123 Oct 02 j 11:17	19°♌06'00	18°33'05
retrograde	-10123 Oct 09 j 03:30	22°♌48'38	
asc. node	-10123 Oct 09 j 07:01	22°♌48'31	
evening set	-10123 Oct 12 j 00:59	22°♌02'18	
inferior conj	-10123 Oct 18 j 02:17	16°♌24'55	2°37'03
minimum elong	-10123 Oct 17 j 22:57	16°♌34'39	2°36'27
min. Earth dist.	-10123 Oct 20 j 00:04	14°♌11'33	0.64491 AU
morning rise	-10123 Oct 23 j 20:20	10°♌19'15	
direct	-10123 Oct 30 j 14:35	7°♌33'21	
morning max el	-10123 Nov 12 j 21:46	15°♌06'17	27°10'29
desc. node	-10123 Nov 24 j 23:23	29°♌35'29	
	-10123 Nov 25 j 06:28	0°♍	
	-10123 Dec 13 j 20:26	0°♎	
morning set	-10123 Dec 18 j 03:42	8°♎08'31	
max. Earth dist.	-10123 Dec 22 j 22:42	17°♎43'44	1.34193 AU
superior conj	-10123 Dec 26 j 05:48	24°♎35'22	-1°22'17
minimum elong	-10123 Dec 26 j 08:03	24°♎47'12	1°22'13
	-10123 Dec 28 j 19:07	0°♏	
evening rise	-10122 Jan 02 j 12:56	10°♏01'35	
asc. node	-10122 Jan 05 j 04:54	15°♏29'40	
	-10122 Jan 13 j 02:32	0°♐	
evening max el	-10122 Jan 23 j 15:22	13°♐36'59	22°01'10
retrograde	-10122 Feb 05 j 00:46	19°♐31'49	
evening set	-10122 Feb 08 j 00:54	19°♐11'45	
inferior conj	-10122 Feb 17 j 04:23	15°♐06'19	1°00'02
minimum elong	-10122 Feb 17 j 06:58	15°♐02'38	0°58'39
min. Earth dist.	-10122 Feb 16 j 22:55	15°♐14'05	0.55411 AU
desc. node	-10122 Feb 21 j 00:26	13°♐01'00	
morning rise	-10122 Feb 26 j 13:36	11°♐01'50	
direct	-10122 Mar 01 j 02:07	10°♐47'26	
morning max el	-10122 Mar 13 j 03:40	16°♐33'44	21°26'09
	-10122 Mar 23 j 10:17	0°♑	
morning set	-10122 Apr 02 j 06:20	18°♑33'36	
asc. node	-10122 Apr 03 j 03:40	20°♑23'55	
	-10122 Apr 07 j 17:53	0°♒	
superior conj	-10122 Apr 09 j 17:34	4°♒08'12	0°59'42
minimum elong	-10122 Apr 09 j 15:08	3°♒55'34	0°58'48
max. Earth dist.	-10122 Apr 13 j 11:00	11°♒44'50	1.35106 AU
evening rise	-10122 Apr 18 j 02:35	20°♒51'14	
	-10122 Apr 23 j 01:20	0°♓	
	-10122 May 12 j 03:07	0°♈	
desc. node	-10122 May 19 j 22:52	9°♈41'59	
evening max el	-10122 May 23 j 08:03	13°♈15'18	26°49'20
retrograde	-10122 Jun 05 j 10:26	20°♈42'16	
evening set	-10122 Jun 12 j 03:26	17°♈54'15	
min. Earth dist.	-10122 Jun 16 j 00:47	13°♈52'54	0.65441 AU
inferior conj	-10122 Jun 17 j 19:59	11°♈43'50	-3°09'47
minimum elong	-10122 Jun 17 j 22:25	11°♈36'33	3°09'16
morning rise	-10122 Jun 23 j 17:41	6°♈02'55	
direct	-10122 Jun 26 j 19:22	5°♈10'13	
asc. node	-10122 Jun 30 j 04:14	6°♈10'51	
morning max el	-10122 Jul 03 j 11:34	8°♈51'54	18°36'49
	-10122 Jul 18 j 02:56	0°♉	
morning set	-10122 Jul 23 j 17:39	9°♉08'39	
	-10122 Aug 05 j 16:46	0°♊	
superior conj	-10122 Aug 07 j 22:18	3°♊32'23	0°46'21
minimum elong	-10122 Aug 08 j 03:39	3°♊53'35	0°46'13
max. Earth dist.	-10122 Aug 09 j 08:33	5°♊47'57	1.44588 AU
desc. node	-10122 Aug 15 j 20:09	16°♊02'12	
evening rise	-10122 Aug 24 j 08:42	29°♊30'14	
	-10122 Aug 24 j 16:13	0°♋	
	-10122 Sep 13 j 15:02	0°♌	
evening max el	-10122 Sep 15 j 21:55	2°♌34'55	19°11'44
retrograde	-10122 Sep 22 j 22:27	6°♌35'27	
evening set	-10122 Sep 26 j 03:19	5°♌36'15	
asc. node	-10122 Sep 26 j 04:10	5°♌34'56	
inferior conj	-10122 Oct 01 j 21:02	29°♋45'21	1°47'07
minimum elong	-10122 Oct 01 j 18:38	29°♋52'56	1°46'46
	-10122 Oct 01 j 16:23	30°℞♋	
min. Earth dist.	-10122 Oct 03 j 06:12	28°♋01'09	0.65630 AU
morning rise	-10122 Oct 07 j 09:33	23°♋31'25	
direct	-10122 Oct 13 j 16:01	20°♋51'32	
morning max el	-10122 Oct 26 j 07:53	28°♋14'00	26°18'15
	-10122 Oct 28 j 01:03	0°♌	
desc. node	-10122 Nov 11 j 20:06	19°♌00'46	
	-10122 Nov 18 j 23:55	0°♍	
morning set	-10122 Dec 01 j 07:37	21°♍22'19	
max. Earth dist.	-10122 Dec 05 j 11:30	29°♍19'54	1.35490 AU
	-10122 Dec 05 j 19:41	0°♎	
superior conj	-10122 Dec 10 j 05:22	8°♎50'01	-1°34'52
minimum elong	-10122 Dec 10 j 07:07	8°♎58'55	1°34'47
evening rise	-10122 Dec 17 j 21:02	24°♎39'24	
	-10122 Dec 20 j 12:21	0°♏	
asc. node	-10122 Dec 23 j 02:11	5°♏00'37	
evening max el	-10121 Jan 05 j 18:45	24°♏57'15	20°37'23
	-10121 Jan 15 j 12:48	0°♐	
retrograde	-10121 Jan 16 j 15:20	0°♐03'04	
	-10121 Jan 17 j 18:09	30°℞♏	
evening set	-10121 Jan 19 j 06:21	29°♏46'26	
inferior conj	-10121 Jan 28 j 02:05	25°♏47'52	2°39'41
minimum elong	-10121 Jan 28 j 07:42	25°♏39'36	2°37'45
min. Earth dist.	-10121 Jan 29 j 12:59	24°♏56'37	0.55685 AU
morning rise	-10121 Feb 06 j 07:31	21°♏26'11	
desc. node	-10121 Feb 07 j 21:21	21°♏08'03	
direct	-10121 Feb 09 j 17:33	21°♏00'28	
morning max el	-10121 Feb 23 j 01:03	27°♏33'25	22°59'04
	-10121 Feb 25 j 10:07	0°♐	
	-10121 Mar 16 j 00:31	0°♑	
morning set	-10121 Mar 17 j 17:34	3°♑31'59	
asc. node	-10121 Mar 21 j 00:40	10°♑30'09	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10121 Mar 24 j 21:46	18°♓46'57	0°36'57
minimum elong	-10121 Mar 24 j 20:12	18°♓38'38	0°36'05
max. Earth dist.	-10121 Mar 27 j 09:51	24°♓03'39	1.34019 AU
	-10121 Mar 30 j 06:59	0°♒	
evening rise	-10121 Apr 01 j 16:42	4°♒48'56	
	-10121 Apr 15 j 18:39	0°♓	
evening max el	-10121 May 05 j 18:49	26°♓23'36	27°21'36
desc. node	-10121 May 06 j 20:12	27°♓23'47	
	-10121 May 09 j 22:16	0°♈	
retrograde	-10121 May 19 j 09:04	3°♈56'05	
evening set	-10121 May 26 j 08:22	1°♈14'07	
	-10121 May 27 j 19:23	30°℞♓	
min. Earth dist.	-10121 May 30 j 00:43	27°♓47'26	0.64074 AU
inferior conj	-10121 Jun 01 j 10:25	25°♓10'15	-3°31'12
minimum elong	-10121 Jun 01 j 12:03	25°♓05'46	3°31'09
morning rise	-10121 Jun 07 j 16:25	19°♓45'45	
direct	-10121 Jun 10 j 12:43	19°♓03'46	
morning max el	-10121 Jun 17 j 00:33	22°♓30'46	18°09'51
asc. node	-10121 Jun 17 j 01:04	22°♓32'05	
	-10121 Jun 22 j 20:54	0°♈	
morning set	-10121 Jul 05 j 00:20	20°♈03'35	
	-10121 Jul 10 j 21:28	0°♉	
superior conj	-10121 Jul 18 j 07:50	12°♉15'33	1°23'05
minimum elong	-10121 Jul 18 j 14:08	12°♉41'09	1°22'54
max. Earth dist.	-10121 Jul 23 j 00:05	19°♉47'37	1.44036 AU
	-10121 Jul 29 j 10:52	0°♊	
desc. node	-10121 Aug 02 j 17:22	6°♊40'13	
evening rise	-10121 Aug 03 j 18:45	8°♊18'47	
	-10121 Aug 18 j 00:01	0°♋	
evening max el	-10121 Aug 30 j 03:38	16°♋02'49	20°06'03
retrograde	-10121 Sep 06 j 19:04	20°♋29'37	
evening set	-10121 Sep 10 j 09:41	19°♋14'11	
asc. node	-10121 Sep 13 j 01:17	16°♋47'02	
inferior conj	-10121 Sep 15 j 21:36	13°♋12'52	0°54'57
minimum elong	-10121 Sep 15 j 20:20	13°♋17'02	0°55'03
min. Earth dist.	-10121 Sep 16 j 19:09	12°♋01'24	0.66463 AU
morning rise	-10121 Sep 21 j 06:44	6°♋54'19	
direct	-10121 Sep 26 j 23:07	4°♋28'19	
morning max el	-10121 Oct 08 j 17:20	11°♋27'10	25°06'26
	-10121 Oct 23 j 15:23	0°♌	
desc. node	-10121 Oct 29 j 16:51	8°♌53'34	
	-10121 Nov 11 j 16:13	0°♍	
morning set	-10121 Nov 13 j 17:53	3°♍38'33	
max. Earth dist.	-10121 Nov 17 j 14:06	10°♍37'15	1.37190 AU
superior conj	-10121 Nov 23 j 19:43	22°♍31'59	-1°41'36
minimum elong	-10121 Nov 23 j 20:16	22°♍34'39	1°41'27
	-10121 Nov 27 j 13:49	0°♎	
evening rise	-10121 Dec 02 j 00:41	8°♎58'04	
asc. node	-10121 Dec 09 j 23:29	24°♎04'04	
	-10121 Dec 13 j 16:31	0°♏	
evening max el	-10121 Dec 19 j 08:13	6°♏51'12	19°30'07
retrograde	-10121 Dec 28 j 15:01	11°♏14'22	
evening set	-10121 Dec 31 j 03:39	10°♏56'23	
inferior conj	-10120 Jan 08 j 10:30	6°♏48'23	3°46'45
minimum elong	-10120 Jan 08 j 14:56	6°♏41'07	3°45'45
min. Earth dist.	-10120 Jan 11 j 02:40	5°♏03'58	0.56763 AU
morning rise	-10120 Jan 17 j 00:01	2°♏02'09	
direct	-10120 Jan 21 j 17:52	1°♏11'02	
desc. node	-10120 Jan 25 j 18:12	1°♏48'18	
morning max el	-10120 Feb 04 j 16:11	8°♏13'27	24°36'05
	-10120 Feb 20 j 15:16	0°♐	
morning set	-10120 Mar 01 j 06:03	18°♐36'41	
asc. node	-10120 Mar 06 j 21:44	0°♑44'05	
	-10120 Mar 06 j 13:35	0°♑	

superior conj	-10120 Mar 08 j 06:24	3°♑40'57	0°13'18
minimum elong	-10120 Mar 08 j 05:51	3°♑37'59	0°12'36
behind sun begin	-10120 Mar 08 j 02:46	3°♑21'19	
behind sun end	-10120 Mar 08 j 08:56	3°♑54'39	
max. Earth dist.	-10120 Mar 09 j 17:13	6°♑48'39	1.33278 AU
evening rise	-10120 Mar 15 j 15:53	19°♑15'43	
	-10120 Mar 21 j 04:05	0°♒	
	-10120 Apr 09 j 02:41	0°♓	
evening max el	-10120 Apr 17 j 03:41	9°♓07'53	27°23'37
desc. node	-10120 Apr 22 j 17:31	13°♓42'36	
retrograde	-10120 May 01 j 01:14	16°♓38'58	
evening set	-10120 May 07 j 23:23	14°♓16'26	
min. Earth dist.	-10120 May 11 j 15:29	11°♓15'27	0.62354 AU
inferior conj	-10120 May 14 j 14:36	8°♓22'52	-3°38'52
minimum elong	-10120 May 14 j 14:41	8°♓22'39	3°39'08
morning rise	-10120 May 21 j 07:18	3°♓17'05	
direct	-10120 May 23 j 23:26	2°♓44'08	
morning max el	-10120 May 30 j 14:33	6°♓06'34	18°01'05
asc. node	-10120 Jun 02 j 21:53	9°♓57'50	
	-10120 Jun 15 j 02:00	0°♈	
morning set	-10120 Jun 16 j 05:55	2°♈04'30	
superior conj	-10120 Jun 27 j 18:18	22°♈12'44	1°44'01
minimum elong	-10120 Jun 27 j 21:37	22°♈26'44	1°44'01
	-10120 Jul 02 j 09:58	0°♉	
max. Earth dist.	-10120 Jul 04 j 11:58	3°♉25'17	1.42862 AU
evening rise	-10120 Jul 12 j 19:35	16°♉42'39	
desc. node	-10120 Jul 19 j 14:41	27°♉11'50	
	-10120 Jul 21 j 11:05	0°♊	
evening max el	-10120 Aug 12 j 02:51	29°♊27'57	21°13'47
	-10120 Aug 12 j 15:40	0°♋	
retrograde	-10120 Aug 20 j 15:25	4°♋29'21	
evening set	-10120 Aug 24 j 17:58	2°♋54'41	
	-10120 Aug 27 j 14:51	30°℞♊	
asc. node	-10120 Aug 29 j 22:20	26°♊57'51	
inferior conj	-10120 Aug 30 j 01:52	26°♊45'46	0°02'52
minimum elong	-10120 Aug 30 j 01:48	26°♊46'02	0°03'25
transit middle	-10120 Aug 30 j 01:48	26°♊46'02	0°03'25
transit begin	-10120 Aug 29 j 23:08	26°♊55'07	
transit end	-10120 Aug 30 j 04:27	26°♊36'57	
min. Earth dist.	-10120 Aug 30 j 12:40	26°♊08'50	0.66999 AU
morning rise	-10120 Sep 04 j 09:28	20°♊26'14	
direct	-10120 Sep 09 j 11:13	18°♊18'19	
morning max el	-10120 Sep 20 j 03:09	24°♊41'58	23°44'07
	-10120 Sep 24 j 21:04	0°♋	
desc. node	-10120 Oct 15 j 13:40	29°♋06'02	
	-10120 Oct 16 j 03:31	0°♌	
morning set	-10120 Oct 25 j 04:59	14°♌43'20	
max. Earth dist.	-10120 Oct 29 j 12:18	22°♌08'19	1.39152 AU
	-10120 Nov 02 j 21:34	0°♍	
superior conj	-10120 Nov 05 j 20:51	5°♍29'58	-1°40'23
minimum elong	-10120 Nov 05 j 19:30	5°♍23'36	1°40'03
evening rise	-10120 Nov 14 j 21:32	22°♍51'44	
	-10120 Nov 18 j 14:45	0°♎	
asc. node	-10120 Nov 25 j 20:49	12°♎30'56	
evening max el	-10120 Dec 01 j 07:20	19°♎17'22	18°42'28
retrograde	-10120 Dec 09 j 08:02	23°♎11'08	
evening set	-10120 Dec 11 j 20:07	22°♎49'50	
inferior conj	-10120 Dec 19 j 13:12	18°♎22'54	4°14'22
minimum elong	-10120 Dec 19 j 14:08	18°♎21'09	4°14'14
min. Earth dist.	-10120 Dec 22 j 18:10	15°♎58'45	0.58388 AU
morning rise	-10120 Dec 27 j 06:13	13°♎12'57	
direct	-10119 Jan 02 j 05:42	11°♎45'21	
desc. node	-10119 Jan 11 j 15:00	15°♎08'46	
morning max el	-10119 Jan 16 j 08:01	19°♎02'45	26°02'48
	-10119 Jan 25 j 14:35	0°♏	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10119 Feb 11 j 23:20	0°♐	
morning set	-10119 Feb 13 j 17:59	3°♐40'40	
superior conj	-10119 Feb 20 j 17:29	18°♐43'01	-0°10'21
minimum elong	-10119 Feb 20 j 17:56	18°♐45'30	0°10'49
behind sun begin	-10119 Feb 20 j 14:17	18°♐25'30	
behind sun end	-10119 Feb 20 j 21:36	19°♐05'30	
max. Earth dist.	-10119 Feb 21 j 05:37	19°♐49'10	1.32865 AU
asc. node	-10119 Feb 21 j 18:50	21°♐01'08	
	-10119 Feb 25 j 23:02	0°♑	
evening rise	-10119 Feb 27 j 21:09	4°♑01'01	
	-10119 Mar 13 j 23:44	0°♒	
evening max el	-10119 Mar 30 j 08:01	21°♒16'32	26°52'44
desc. node	-10119 Apr 09 j 14:48	28°♒05'53	
retrograde	-10119 Apr 13 j 09:46	28°♒42'33	
evening set	-10119 Apr 19 j 21:02	26°♒50'48	
min. Earth dist.	-10119 Apr 23 j 21:07	24°♒02'00	0.60399 AU
inferior conj	-10119 Apr 27 j 04:56	21°♒12'44	-3°27'21
minimum elong	-10119 Apr 27 j 02:55	21°♒17'04	3°27'34
morning rise	-10119 May 04 j 11:03	16°♒27'21	
direct	-10119 May 06 j 23:31	16°♒02'16	
morning max el	-10119 May 14 j 02:56	19°♒31'57	18°11'07
asc. node	-10119 May 20 j 18:43	28°♒13'15	
	-10119 May 21 j 21:04	0°♓	
morning set	-10119 May 30 j 05:27	14°♓58'42	
	-10119 Jun 07 j 08:50	0°♈	
superior conj	-10119 Jun 09 j 07:34	3°♈29'55	1°49'51
minimum elong	-10119 Jun 09 j 07:28	3°♈29'29	1°49'49
max. Earth dist.	-10119 Jun 16 j 18:05	16°♈24'33	1.41222 AU
evening rise	-10119 Jun 22 j 09:19	25°♈43'23	
	-10119 Jun 25 j 01:16	0°♉	
desc. node	-10119 Jul 06 j 12:04	17°♉32'19	
	-10119 Jul 15 j 06:39	0°♊	
evening max el	-10119 Jul 25 j 19:19	12°♊49'14	22°31'27
retrograde	-10119 Aug 04 j 09:59	18°♊31'23	
evening set	-10119 Aug 09 j 02:10	16°♊35'43	
inferior conj	-10119 Aug 14 j 07:58	10°♊21'57	-0°47'27
minimum elong	-10119 Aug 14 j 08:57	10°♊18'31	0°46'32
min. Earth dist.	-10119 Aug 14 j 08:20	10°♊20'41	0.67236 AU
asc. node	-10119 Aug 16 j 19:20	7°♊03'41	
morning rise	-10119 Aug 19 j 15:40	4°♊04'56	
direct	-10119 Aug 24 j 03:35	2°♊16'15	
morning max el	-10119 Sep 02 j 15:48	7°♊58'38	22°20'00
	-10119 Sep 19 j 13:48	0°♋	
desc. node	-10119 Oct 02 j 10:34	19°♋32'08	
morning set	-10119 Oct 05 j 13:18	24°♋30'10	
	-10119 Oct 08 j 22:16	0°♌	
max. Earth dist.	-10119 Oct 11 j 12:52	4°♌20'27	1.41118 AU
superior conj	-10119 Oct 19 j 03:36	17°♌30'15	-1°28'43
minimum elong	-10119 Oct 19 j 00:01	17°♌14'17	1°28'00
	-10119 Oct 26 j 00:26	0°♍	
evening rise	-10119 Oct 29 j 08:36	6°♍13'13	
asc. node	-10119 Nov 12 j 18:07	0°♎09'45	
	-10119 Nov 12 j 14:52	0°♎	
evening max el	-10119 Nov 14 j 14:05	2°♎09'51	18°15'06
retrograde	-10119 Nov 21 j 18:37	5°♎47'10	
evening set	-10119 Nov 24 j 07:06	5°♎21'23	
inferior conj	-10119 Dec 01 j 11:18	0°♎32'58	4°09'49
minimum elong	-10119 Dec 01 j 09:14	0°♎37'27	4°09'42
	-10119 Dec 02 j 02:21	30°℞♍	
min. Earth dist.	-10119 Dec 04 j 15:10	27°♍48'40	0.60246 AU
morning rise	-10119 Dec 08 j 09:54	25°♍03'06	
direct	-10119 Dec 15 j 04:34	22°♍58'29	
	-10119 Dec 28 j 19:01	0°♎	
morning max el	-10119 Dec 29 j 05:29	0°♎24'53	27°05'03
desc. node	-10119 Dec 29 j 11:45	0°♎40'04	
	-10118 Jan 19 j 11:44	0°♏	
morning set	-10118 Jan 29 j 03:35	18°♏37'14	
	-10118 Feb 03 j 11:41	0°♐	
superior conj	-10118 Feb 05 j 05:22	3°♐47'09	-0°33'08
minimum elong	-10118 Feb 05 j 06:42	3°♐54'26	0°33'22
max. Earth dist.	-10118 Feb 04 j 19:17	2°♐52'10	1.32772 AU
asc. node	-10118 Feb 08 j 16:01	11°♐17'20	
evening rise	-10118 Feb 12 j 06:15	18°♐56'59	
	-10118 Feb 17 j 18:27	0°♑	
	-10118 Mar 09 j 13:24	0°♒	
evening max el	-10118 Mar 12 j 06:34	2°♒46'55	25°51'22
retrograde	-10118 Mar 26 j 09:13	10°♒02'59	
desc. node	-10118 Mar 27 j 11:57	9°♒59'56	
evening set	-10118 Mar 31 j 23:18	8°♒47'09	
min. Earth dist.	-10118 Apr 05 j 19:40	5°♒55'10	0.58426 AU
inferior conj	-10118 Apr 09 j 01:52	3°♒31'34	-2°49'51
minimum elong	-10118 Apr 08 j 22:04	3°♒38'37	2°49'37
	-10118 Apr 14 j 13:56	30°℞♑	
morning rise	-10118 Apr 16 j 23:58	29°♑06'17	
direct	-10118 Apr 19 j 08:36	28°♑47'53	
	-10118 Apr 23 j 21:18	0°♒	
morning max el	-10118 Apr 27 j 10:50	2°♒38'54	18°40'31
asc. node	-10118 May 07 j 15:34	17°♒07'09	
morning set	-10118 May 13 j 18:24	28°♒35'44	
	-10118 May 14 j 11:49	0°♓	
superior conj	-10118 May 22 j 19:03	15°♓55'30	1°44'09
minimum elong	-10118 May 22 j 16:51	15°♓45'12	1°43'50
max. Earth dist.	-10118 May 29 j 18:58	28°♓39'36	1.39355 AU
	-10118 May 30 j 13:16	0°♈	
evening rise	-10118 Jun 03 j 01:11	6°♈01'39	
	-10118 Jun 18 j 03:24	0°♉	
desc. node	-10118 Jun 23 j 09:28	7°♉36'16	
evening max el	-10118 Jul 08 j 06:50	26°♉09'23	23°53'30
	-10118 Jul 12 j 16:23	0°♊	
retrograde	-10118 Jul 19 j 01:32	2°♊32'32	
evening set	-10118 Jul 24 j 08:24	0°♊16'08	
	-10118 Jul 24 j 15:34	30°℞♉	
min. Earth dist.	-10118 Jul 29 j 03:46	24°♉35'34	0.67173 AU
inferior conj	-10118 Jul 29 j 14:07	24°♉00'14	-1°34'30
minimum elong	-10118 Jul 29 j 15:59	23°♉53'50	1°33'24
morning rise	-10118 Aug 03 j 23:31	17°♉49'05	
asc. node	-10118 Aug 03 j 16:15	18°♉03'23	
direct	-10118 Aug 07 j 23:18	16°♉18'41	
morning max el	-10118 Aug 16 j 09:40	21°♉19'33	21°01'21
	-10118 Aug 23 j 13:13	0°♊	
	-10118 Sep 12 j 20:55	0°♋	
morning set	-10118 Sep 14 j 22:33	3°♋13'07	
desc. node	-10118 Sep 19 j 07:31	10°♋06'54	
max. Earth dist.	-10118 Sep 23 j 19:04	17°♋19'20	1.42821 AU
superior conj	-10118 Sep 30 j 10:05	28°♋17'32	-1°04'08
minimum elong	-10118 Sep 30 j 05:16	27°♋57'13	1°03'04
	-10118 Oct 01 j 10:19	0°♌	
evening rise	-10118 Oct 12 j 05:53	18°♌52'31	
	-10118 Oct 18 j 13:01	0°♍	
evening max el	-10118 Oct 29 j 01:39	15°♍20'29	18°07'27
asc. node	-10118 Oct 30 j 15:23	16°♍45'47	
retrograde	-10118 Nov 04 j 19:09	18°♍52'19	
evening set	-10118 Nov 07 j 09:33	18°♍20'24	
inferior conj	-10118 Nov 14 j 02:09	13°♍11'12	3°43'26
minimum elong	-10118 Nov 13 j 22:39	13°♍19'53	3°43'00
min. Earth dist.	-10118 Nov 16 j 20:36	10°♍27'15	0.62077 AU
morning rise	-10118 Nov 20 j 10:41	7°♍25'11	
direct	-10118 Nov 27 j 12:36	4°♍53'16	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10118 Dec 11 j 09:05	12°♍25'37	27°34'07
desc. node	-10118 Dec 16 j 08:27	17°♍47'07	
	-10118 Dec 25 j 11:49	0°♎	
	-10117 Jan 11 j 17:29	0°♏	
morning set	-10117 Jan 13 j 08:39	3°♏17'25	
max. Earth dist.	-10117 Jan 19 j 06:18	15°♏42'17	1.33019 AU
superior conj	-10117 Jan 20 j 16:18	18°♏46'05	-0°54'19
minimum elong	-10117 Jan 20 j 18:16	18°♏56'48	0°54'22
	-10117 Jan 25 j 20:50	0°♐	
asc. node	-10117 Jan 26 j 13:13	1°♐27'27	
evening rise	-10117 Jan 27 j 17:14	3°♐55'34	
	-10117 Feb 10 j 22:16	0°♑	
evening max el	-10117 Feb 22 j 00:36	13°♑47'31	24°27'43
retrograde	-10117 Mar 07 j 21:11	20°♑42'56	
evening set	-10117 Mar 12 j 07:54	19°♑58'23	
desc. node	-10117 Mar 14 j 09:01	19°♑10'04	
min. Earth dist.	-10117 Mar 18 j 13:52	16°♑50'29	0.56740 AU
inferior conj	-10117 Mar 21 j 03:03	15°♑12'23	-1°40'43
minimum elong	-10117 Mar 20 j 23:29	15°♑18'08	1°40'16
morning rise	-10117 Mar 29 j 18:11	11°♑03'16	
direct	-10117 Mar 31 j 23:41	10°♑49'31	
morning max el	-10117 Apr 10 j 11:15	15°♑17'14	19°29'44
	-10117 Apr 21 j 00:20	0°♒	
asc. node	-10117 Apr 24 j 12:28	6°♒30'14	
morning set	-10117 Apr 27 j 17:06	12°♒46'16	
superior conj	-10117 May 05 j 23:13	29°♒14'06	1°30'34
minimum elong	-10117 May 05 j 20:15	28°♒59'35	1°29'56
	-10117 May 06 j 08:36	0°♓	
max. Earth dist.	-10117 May 11 j 19:48	10°♓25'39	1.37515 AU
evening rise	-10117 May 15 j 19:34	17°♓41'10	
	-10117 May 22 j 23:56	0°♈	
desc. node	-10117 Jun 10 j 06:50	27°♈16'31	
	-10117 Jun 12 j 09:14	0°♉	
evening max el	-10117 Jun 20 j 16:38	9°♉32'09	25°12'23
retrograde	-10117 Jul 02 j 13:06	16°♉28'45	
evening set	-10117 Jul 08 j 10:41	13°♉54'42	
min. Earth dist.	-10117 Jul 12 j 20:37	8°♉51'45	0.66789 AU
inferior conj	-10117 Jul 13 j 18:34	7°♉39'12	-2°16'49
minimum elong	-10117 Jul 13 j 21:01	7°♉31'09	2°15'46
morning rise	-10117 Jul 19 j 07:19	1°♉37'17	
asc. node	-10117 Jul 21 j 13:08	0°♉33'19	
direct	-10117 Jul 22 j 21:00	0°♉23'13	
morning max el	-10117 Jul 30 j 10:02	4°♉46'58	19°53'35
	-10117 Aug 17 j 12:05	0°♊	
morning set	-10117 Aug 25 j 00:45	11°♊39'12	
	-10117 Sep 05 j 16:48	0°♋	
desc. node	-10117 Sep 06 j 04:33	0°♋46'48	
max. Earth dist.	-10117 Sep 06 j 07:19	0°♋57'48	1.44032 AU
superior conj	-10117 Sep 10 j 12:47	7°♋44'49	-0°26'12
minimum elong	-10117 Sep 10 j 09:57	7°♋33'23	0°25'16
	-10117 Sep 23 j 23:21	0°♌	
evening rise	-10117 Sep 24 j 08:19	0°♌37'57	
evening max el	-10117 Oct 12 j 15:06	28°♌42'40	18°18'37
	-10117 Oct 14 j 00:11	0°♍	
asc. node	-10117 Oct 17 j 12:36	2°♍03'04	
retrograde	-10117 Oct 19 j 05:34	2°♍18'31	
evening set	-10117 Oct 21 j 23:56	1°♍38'09	
	-10117 Oct 24 j 10:51	30°℞♌	
inferior conj	-10117 Oct 28 j 06:22	26°♌10'21	3°03'40
minimum elong	-10117 Oct 28 j 02:43	26°♌20'26	3°03'03
min. Earth dist.	-10117 Oct 30 j 11:54	23°♌42'48	0.63699 AU
morning rise	-10117 Nov 03 j 04:48	20°♌11'14	
direct	-10117 Nov 10 j 04:03	17°♌26'24	
morning max el	-10117 Nov 23 j 17:00	25°♌00'27	27°28'18
	-10117 Nov 28 j 08:33	0°♍	
desc. node	-10117 Dec 03 j 05:10	6°♍02'42	
	-10117 Dec 18 j 20:26	0°♎	
morning set	-10117 Dec 28 j 06:41	17°♎32'26	
max. Earth dist.	-10116 Jan 02 j 11:04	28°♎08'06	1.33649 AU
	-10116 Jan 03 j 08:19	0°♏	
superior conj	-10116 Jan 05 j 00:31	3°♏33'28	-1°13'02
minimum elong	-10116 Jan 05 j 02:48	3°♏45'38	1°12'59
evening rise	-10116 Jan 12 j 04:27	18°♏50'44	
asc. node	-10116 Jan 13 j 10:28	21°♏26'47	
	-10116 Jan 17 j 17:41	0°♐	
evening max el	-10116 Feb 03 j 18:15	24°♐38'22	22°54'10
	-10116 Feb 11 j 18:36	0°♑	
retrograde	-10116 Feb 16 j 20:11	0°♑58'10	
evening set	-10116 Feb 20 j 06:21	0°♑32'37	
	-10116 Feb 22 j 01:36	30°℞♐	
min. Earth dist.	-10116 Feb 28 j 05:32	26°♐57'36	0.55666 AU
inferior conj	-10116 Feb 29 j 10:06	26°♐16'04	-0°02'39
minimum elong	-10116 Feb 29 j 09:58	26°♐16'16	0°03'10
transit middle	-10116 Feb 29 j 09:58	26°♐16'16	0°03'10
transit begin	-10116 Feb 29 j 05:59	26°♐22'05	
transit end	-10116 Feb 29 j 13:57	26°♐10'28	
desc. node	-10116 Feb 29 j 06:03	26°♐21'59	
morning rise	-10116 Mar 09 j 15:14	22°♐13'55	
direct	-10116 Mar 11 j 22:27	22°♐01'13	
morning max el	-10116 Mar 23 j 01:29	27°♐17'37	20°38'30
	-10116 Mar 25 j 15:27	0°♑	
asc. node	-10116 Apr 10 j 09:23	26°♑14'53	
morning set	-10116 Apr 10 j 22:31	27°♑21'36	
	-10116 Apr 12 j 05:27	0°♒	
superior conj	-10116 Apr 18 j 15:24	13°♒12'09	1°11'55
minimum elong	-10116 Apr 18 j 12:36	12°♒57'55	1°11'03
max. Earth dist.	-10116 Apr 23 j 03:16	22°♒10'53	1.35898 AU
evening rise	-10116 Apr 27 j 11:11	0°♓27'05	
	-10116 Apr 27 j 05:22	0°♓	
	-10116 May 15 j 02:34	0°♈	
desc. node	-10116 May 27 j 04:12	16°♈22'51	
evening max el	-10116 Jun 02 j 02:56	22°♈55'53	26°19'28
	-10116 Jun 12 j 19:20	0°♉	
retrograde	-10116 Jun 14 j 19:55	0°♉14'15	
	-10116 Jun 16 j 18:34	30°℞♈	
evening set	-10116 Jun 21 j 06:48	27°♈28'47	
min. Earth dist.	-10116 Jun 25 j 08:24	23°♈05'11	0.66048 AU
inferior conj	-10116 Jun 26 j 19:23	21°♈16'04	-2°52'47
minimum elong	-10116 Jun 26 j 21:59	21°♈07'58	2°52'01
morning rise	-10116 Jul 02 j 13:16	15°♈26'35	
direct	-10116 Jul 05 j 18:53	14°♈26'35	
asc. node	-10116 Jul 07 j 10:00	14°♈41'18	
morning max el	-10116 Jul 12 j 16:37	18°♈20'49	19°00'09
	-10116 Jul 21 j 12:06	0°♉	
morning set	-10116 Aug 03 j 16:14	20°♉44'17	
	-10116 Aug 09 j 12:05	0°♊	
max. Earth dist.	-10116 Aug 18 j 23:42	15°♊00'19	1.44594 AU
superior conj	-10116 Aug 19 j 17:05	16°♊09'06	0°20'10
minimum elong	-10116 Aug 19 j 19:39	16°♊19'14	0°20'24
desc. node	-10116 Aug 23 j 01:38	21°♊28'08	
	-10116 Aug 28 j 10:14	0°♋	
evening rise	-10116 Sep 04 j 10:26	11°♋16'06	
	-10116 Sep 16 j 03:00	0°♌	
evening max el	-10116 Sep 25 j 03:33	12°♌10'05	18°47'34
retrograde	-10116 Oct 01 j 22:18	15°♌58'55	
asc. node	-10116 Oct 03 j 09:46	15°♌46'31	
evening set	-10116 Oct 04 j 22:45	15°♌07'20	
inferior conj	-10116 Oct 10 j 20:36	9°♌23'48	2°16'17

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10116 Oct 10 j 17:37	9°♌32'49	2°15'46	
min. Earth dist.	-10116 Oct 12 j 12:51	7°♌22'30	0.65017 AU	
morning rise	-10116 Oct 16 j 12:02	3°♌14'30		
direct	-10116 Oct 23 j 01:48	0°♌30'05		
morning max el	-10116 Nov 05 j 02:55	7°♌59'07	26°51'15	
desc. node	-10116 Nov 19 j 01:54	25°♌06'38		
	-10116 Nov 22 j 10:23	0°♍		
	-10116 Dec 10 j 03:17	0°♎		
morning set	-10116 Dec 10 j 18:24	1°♎12'02		
max. Earth dist.	-10116 Dec 15 j 06:25	10°♎02'50	1.34694 AU	
superior conj	-10116 Dec 19 j 03:59	18°♎02'28	-1°28'13	
minimum elong	-10116 Dec 19 j 06:06	18°♎13'27	1°28'09	
	-10116 Dec 24 j 20:38	0°♏		
evening rise	-10116 Dec 26 j 14:13	3°♏36'54		
asc. node	-10116 Dec 30 j 07:44	11°♏10'10		
	-10115 Jan 10 j 14:57	0°♐		
evening max el	-10115 Jan 15 j 16:47	5°♐42'57	21°23'51	
retrograde	-10115 Jan 27 j 10:55	11°♐16'34		
evening set	-10115 Jan 30 j 06:18	10°♐58'37		
inferior conj	-10115 Feb 08 j 07:28	6°♐58'22	1°45'00	
minimum elong	-10115 Feb 08 j 11:47	6°♐52'12	1°43'09	
min. Earth dist.	-10115 Feb 08 j 19:44	6°♐40'54	0.55424 AU	
desc. node	-10115 Feb 15 j 03:01	3°♐33'22		
morning rise	-10115 Feb 17 j 16:53	2°♐48'36		
direct	-10115 Feb 20 j 13:01	2°♐30'46		
morning max el	-10115 Mar 05 j 04:33	8°♐37'47	22°04'24	
	-10115 Mar 20 j 03:46	0°♑		
morning set	-10115 Mar 26 j 08:17	12°♑14'37		
asc. node	-10115 Mar 28 j 06:22	16°♑15'20		
superior conj	-10115 Apr 02 j 16:05	27°♑39'26	0°50'14	
minimum elong	-10115 Apr 02 j 14:00	27°♑28'26	0°49'19	
	-10115 Apr 03 j 19:00	0°♒		
max. Earth dist.	-10115 Apr 05 j 20:44	4°♒16'37	1.34605 AU	
evening rise	-10115 Apr 10 j 18:30	14°♒03'24		
	-10115 Apr 19 j 11:42	0°♓		
	-10115 May 09 j 21:11	0°♈		
desc. node	-10115 May 14 j 01:34	4°♈41'28		
evening max el	-10115 May 15 j 13:53	6°♈13'13	27°06'20	
retrograde	-10115 May 28 j 21:34	13°♈42'46		
evening set	-10115 Jun 04 j 18:10	10°♈55'43		
min. Earth dist.	-10115 Jun 08 j 13:02	7°♈10'02	0.64917 AU	
inferior conj	-10115 Jun 10 j 14:23	4°♈48'01	-3°20'18	
minimum elong	-10115 Jun 10 j 16:34	4°♈41'43	3°19'58	
	-10115 Jun 15 j 10:09	30°♓		
morning rise	-10115 Jun 16 j 15:22	29°♓13'52		
direct	-10115 Jun 19 j 14:41	28°♓25'51		
	-10115 Jun 23 j 20:43	0°♈		
asc. node	-10115 Jun 24 j 06:51	0°♈18'47		
morning max el	-10115 Jun 26 j 03:57	1°♈59'39	18°23'10	
	-10115 Jul 14 j 18:08	0°♉		
morning set	-10115 Jul 15 j 08:12	0°♉58'18		
superior conj	-10115 Jul 29 j 18:12	24°♉26'47	1°03'41	
minimum elong	-10115 Jul 30 j 00:38	24°♉52'26	1°03'27	
max. Earth dist.	-10115 Aug 01 j 16:47	29°♉07'34	1.44443 AU	
	-10115 Aug 02 j 06:00	0°♊		
desc. node	-10115 Aug 09 j 22:48	12°♊08'13		
evening rise	-10115 Aug 15 j 09:45	20°♊41'13		
	-10115 Aug 21 j 08:57	0°♋		
greatest brilliancy	-10115 Aug 26 j 03:36	7°♋22'35	-0.7m	
evening max el	-10115 Sep 08 j 12:18	25°♋38'25	19°33'02	
retrograde	-10115 Sep 15 j 18:18	29°♋49'07		
evening set	-10115 Sep 19 j 03:06	28°♋43'13		
asc. node	-10115 Sep 20 j 06:55	27°♋50'39		
inferior conj	-10115 Sep 24 j 18:06	22°♋47'15	1°25'05	
minimum elong	-10115 Sep 24 j 16:10	22°♋53'29	1°24'55	
min. Earth dist.	-10115 Sep 25 j 22:05	21°♋17'00	0.66019 AU	
morning rise	-10115 Sep 30 j 04:56	16°♋30'58		
direct	-10115 Oct 06 j 05:28	13°♋56'35		
morning max el	-10115 Oct 18 j 12:56	21°♋10'21	25°49'41	
	-10115 Oct 26 j 06:31	0°♌		
desc. node	-10115 Nov 05 j 22:37	14°♌44'31		
	-10115 Nov 15 j 14:38	0°♍		
morning set	-10115 Nov 23 j 15:28	14°♍02'56		
max. Earth dist.	-10115 Nov 27 j 14:53	21°♍29'32	1.36166 AU	
	-10115 Dec 01 j 23:16	0°♎		
superior conj	-10115 Dec 03 j 00:03	2°♎04'08	-1°38'33	
minimum elong	-10115 Dec 03 j 01:22	2°♎10'48	1°38'28	
evening rise	-10115 Dec 10 j 20:42	18°♎07'28		
	-10115 Dec 16 j 22:22	0°♏		
asc. node	-10115 Dec 17 j 05:02	0°♏30'36		
evening max el	-10115 Dec 29 j 00:13	17°♏16'40	20°06'31	
retrograde	-10114 Jan 08 j 04:25	22°♏03'41		
evening set	-10114 Jan 10 j 17:53	21°♏46'49		
inferior conj	-10114 Jan 19 j 08:23	17°♏45'27	3°12'58	
minimum elong	-10114 Jan 19 j 13:59	17°♏36'52	3°11'20	
min. Earth dist.	-10114 Jan 21 j 09:21	16°♏30'47	0.56052 AU	
morning rise	-10114 Jan 28 j 08:12	13°♏13'46		
direct	-10114 Feb 01 j 06:51	12°♏39'23		
desc. node	-10114 Feb 01 j 23:56	12°♏40'32		
morning max el	-10114 Feb 14 j 22:42	19°♏26'44	23°40'40	
	-10114 Feb 23 j 16:59	0°♐		
morning set	-10114 Mar 10 j 20:18	27°♐17'00		
	-10114 Mar 12 j 03:15	0°♑		
asc. node	-10114 Mar 15 j 03:24	6°♑25'41		
superior conj	-10114 Mar 17 j 22:29	12°♑26'01	0°26'59	
minimum elong	-10114 Mar 17 j 21:20	12°♑19'54	0°26'10	
max. Earth dist.	-10114 Mar 19 j 23:35	16°♑47'35	1.33662 AU	
evening rise	-10114 Mar 25 j 12:53	28°♑14'53		
	-10114 Mar 26 j 10:04	0°♒		
	-10114 Apr 12 j 16:48	0°♓		
evening max el	-10114 Apr 27 j 23:57	19°♓12'09	27°26'12	
desc. node	-10114 Apr 30 j 22:56	21°♓51'36		
retrograde	-10114 May 11 j 17:37	26°♓45'01		
evening set	-10114 May 18 j 17:39	24°♓09'18		
min. Earth dist.	-10114 May 22 j 08:59	20°♓55'17	0.63387 AU	
inferior conj	-10114 May 25 j 00:51	18°♓09'20	-3°36'25	
minimum elong	-10114 May 25 j 01:55	18°♓06'32	3°36'31	
morning rise	-10114 May 31 j 11:08	12°♓52'54		
direct	-10114 Jun 03 j 05:32	12°♓14'59		
morning max el	-10114 Jun 09 j 17:47	15°♓38'33	18°03'52	
asc. node	-10114 Jun 11 j 03:41	17°♓09'34		
	-10114 Jun 19 j 20:40	0°♈		
morning set	-10114 Jun 27 j 01:10	12°♈22'35		
	-10114 Jul 07 j 08:40	0°♉		
superior conj	-10114 Jul 09 j 13:28	3°♉39'15	1°34'00	
minimum elong	-10114 Jul 09 j 18:45	4°♉01'05	1°33'53	
max. Earth dist.	-10114 Jul 15 j 07:02	12°♉59'57	1.43604 AU	
evening rise	-10114 Jul 25 j 13:17	29°♉12'07		
	-10114 Jul 26 j 01:37	0°♊		
desc. node	-10114 Jul 27 j 20:03	2°♊44'03		
	-10114 Aug 15 j 05:26	0°♋		
evening max el	-10114 Aug 22 j 15:17	9°♋05'04	20°33'22	
retrograde	-10114 Aug 30 j 15:10	13°♋46'11		
evening set	-10114 Sep 03 j 10:32	12°♋22'55		
asc. node	-10114 Sep 07 j 04:00	8°♋31'30		
inferior conj	-10114 Sep 08 j 20:30	6°♋17'47	0°32'45	
minimum elong	-10114 Sep 08 j 19:45	6°♋20'19	0°33'02	
min. Earth dist.	-10114 Sep 09 j 13:23	5°♋20'51	0.66719 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10114 Sep 14 j 04:45	29°♊58'09	
	-10114 Sep 14 j 03:54	30°℞♊	
direct	-10114 Sep 19 j 14:45	27°♊39'38	
	-10114 Sep 25 j 19:30	0°♋	
morning max el	-10114 Sep 30 j 22:32	4°♋25'27	24°32'13
	-10114 Oct 20 j 15:36	0°♌	
desc. node	-10114 Oct 23 j 19:23	4°♌46'36	
morning set	-10114 Nov 05 j 16:37	25°♌50'57	
	-10114 Nov 08 j 01:10	0°♍	
max. Earth dist.	-10114 Nov 09 j 14:44	2°♍48'41	1.37997 AU
superior conj	-10114 Nov 16 j 09:20	15°♍28'54	-1°42'13
minimum elong	-10114 Nov 16 j 09:09	15°♍28'01	1°42'00
	-10114 Nov 23 j 18:18	0°♎	
evening rise	-10114 Nov 24 j 21:49	2°♎16'28	
asc. node	-10114 Dec 04 j 02:21	19°♎20'01	
evening max el	-10114 Dec 11 j 17:57	29°♎24'58	19°07'27
	-10114 Dec 12 j 09:12	0°♏	
retrograde	-10114 Dec 20 j 11:04	3°♏34'13	
evening set	-10114 Dec 22 j 23:09	3°♏15'08	
	-10114 Dec 29 j 13:02	30°℞♎	
inferior conj	-10114 Dec 31 j 00:08	29°♎00'00	4°03'02
minimum elong	-10114 Dec 31 j 03:10	28°♎54'44	4°02'30
min. Earth dist.	-10113 Jan 02 j 23:47	26°♎56'20	0.57397 AU
morning rise	-10113 Jan 08 j 04:56	24°♎02'48	
direct	-10113 Jan 13 j 12:07	22°♎57'01	
desc. node	-10113 Jan 19 j 20:47	24°♎30'57	
	-10113 Jan 27 j 10:09	0°♏	
morning max el	-10113 Jan 27 j 13:31	0°♏08'01	25°15'06
	-10113 Feb 17 j 04:33	0°♐	
morning set	-10113 Feb 23 j 08:46	12°♐22'15	
superior conj	-10113 Mar 02 j 08:23	27°♐24'29	0°03'15
minimum elong	-10113 Mar 02 j 08:17	27°♐23'52	0°02'38
behind sun begin	-10113 Mar 02 j 03:17	26°♐56'46	
behind sun end	-10113 Mar 02 j 13:16	27°♐50'58	
asc. node	-10113 Mar 02 j 00:29	26°♐41'33	
max. Earth dist.	-10113 Mar 03 j 09:19	29°♐39'40	1.33060 AU
	-10113 Mar 03 j 13:05	0°♑	
evening rise	-10113 Mar 09 j 14:58	12°♑50'37	
	-10113 Mar 18 j 14:15	0°♒	
	-10113 Apr 08 j 14:24	0°♓	
evening max el	-10113 Apr 10 j 07:00	1°♓41'49	27°14'24
desc. node	-10113 Apr 17 j 20:15	7°♓25'33	
retrograde	-10113 Apr 24 j 07:02	9°♓12'01	
evening set	-10113 May 01 j 01:42	7°♓01'19	
min. Earth dist.	-10113 May 04 j 19:51	4°♓07'15	0.61540 AU
inferior conj	-10113 May 07 j 23:34	1°♓13'13	-3°36'42
minimum elong	-10113 May 07 j 22:48	1°♓14'59	3°37'01
	-10113 May 09 j 07:48	30°℞♒	
morning rise	-10113 May 14 j 21:40	26°♒16'06	
direct	-10113 May 17 j 12:04	25°♒46'48	
morning max el	-10113 May 24 j 07:27	29°♒11'03	18°02'58
	-10113 May 25 j 02:40	0°♓	
asc. node	-10113 May 29 j 00:31	4°♓58'02	
morning set	-10113 Jun 09 j 14:57	24°♓47'18	
	-10113 Jun 12 j 11:51	0°♈	
superior conj	-10113 Jun 20 j 11:39	14°♈11'17	1°48'09
minimum elong	-10113 Jun 20 j 13:24	14°♈18'53	1°48'11
max. Earth dist.	-10113 Jun 27 j 15:58	26°♈20'27	1.42206 AU
	-10113 Jun 29 j 21:28	0°♉	
evening rise	-10113 Jul 04 j 17:00	7°♉44'07	
desc. node	-10113 Jul 14 j 17:24	23°♉11'31	
	-10113 Jul 19 j 07:32	0°♊	
evening max el	-10113 Aug 05 j 11:29	22°♊28'19	21°45'57
retrograde	-10113 Aug 14 j 10:56	27°♊46'58	
evening set	-10113 Aug 18 j 18:59	26°♊03'45	
inferior conj	-10113 Aug 24 j 01:45	19°♊52'29	-0°18'47
minimum elong	-10113 Aug 24 j 02:09	19°♊51'07	0°18'04
min. Earth dist.	-10113 Aug 24 j 08:11	19°♊30'19	0.67133 AU
asc. node	-10113 Aug 25 j 01:01	18°♊32'34	
morning rise	-10113 Aug 29 j 09:11	13°♊33'20	
direct	-10113 Sep 03 j 04:54	11°♊33'24	
morning max el	-10113 Sep 13 j 09:04	17°♊40'25	23°07'59
	-10113 Sep 23 j 13:20	0°♋	
desc. node	-10113 Oct 10 j 16:12	25°♋05'15	
	-10113 Oct 13 j 18:32	0°♌	
morning set	-10113 Oct 17 j 16:24	6°♌22'14	
max. Earth dist.	-10113 Oct 22 j 12:34	14°♌32'07	1.40001 AU
superior conj	-10113 Oct 30 j 03:17	28°♌03'52	-1°36'54
minimum elong	-10113 Oct 30 j 00:58	27°♌53'15	1°36'24
	-10113 Oct 31 j 04:31	0°♍	
evening rise	-10113 Nov 08 j 14:51	15°♍56'46	
	-10113 Nov 16 j 05:23	0°♎	
asc. node	-10113 Nov 20 j 23:39	7°♎27'45	
evening max el	-10113 Nov 24 j 20:39	12°♎03'09	18°28'25
retrograde	-10113 Dec 02 j 11:27	15°♎48'00	
evening set	-10113 Dec 04 j 23:38	15°♎24'57	
inferior conj	-10113 Dec 12 j 11:07	10°♎49'18	4°15'44
minimum elong	-10113 Dec 12 j 10:37	10°♎50'19	4°15'41
min. Earth dist.	-10113 Dec 15 j 17:14	8°♎13'44	0.59168 AU
morning rise	-10113 Dec 19 j 19:50	5°♎30'32	
direct	-10113 Dec 26 j 05:14	3°♎46'08	
desc. node	-10112 Jan 06 j 17:32	8°♎50'35	
morning max el	-10112 Jan 09 j 07:07	11°♎08'06	26°32'55
	-10112 Jan 23 j 23:25	0°♏	
morning set	-10112 Feb 07 j 19:55	27°♏23'31	
	-10112 Feb 09 j 01:40	0°♐	
superior conj	-10112 Feb 14 j 20:00	12°♐28'07	-0°20'09
minimum elong	-10112 Feb 14 j 20:51	12°♐32'46	0°20'31
max. Earth dist.	-10112 Feb 14 j 22:32	12°♐42'00	1.32782 AU
asc. node	-10112 Feb 16 j 21:38	16°♐58'48	
evening rise	-10112 Feb 21 j 22:06	27°♐41'23	
	-10112 Feb 23 j 00:58	0°♑	
	-10112 Mar 11 j 03:53	0°♒	
evening max el	-10112 Mar 22 j 09:08	13°♒35'05	26°30'09
desc. node	-10112 Apr 03 j 17:29	20°♒49'32	
retrograde	-10112 Apr 05 j 12:05	20°♒57'29	
evening set	-10112 Apr 11 j 15:14	19°♒21'17	
min. Earth dist.	-10112 Apr 15 j 22:28	16°♒32'37	0.59543 AU
inferior conj	-10112 Apr 19 j 07:00	13°♒51'43	-3°15'05
minimum elong	-10112 Apr 19 j 04:06	13°♒57'34	3°15'09
morning rise	-10112 Apr 26 j 19:35	9°♒14'43	
direct	-10112 Apr 29 j 06:23	8°♒52'39	
morning max el	-10112 May 06 j 18:16	12°♒29'58	18°21'08
asc. node	-10112 May 14 j 21:21	23°♒31'33	
	-10112 May 18 j 13:38	0°♓	
morning set	-10112 May 22 j 20:46	8°♓01'45	
superior conj	-10112 Jun 01 j 11:03	25°♓59'42	1°48'36
minimum elong	-10112 Jun 01 j 09:53	25°♓54'22	1°48'29
	-10112 Jun 03 j 16:13	0°♈	
max. Earth dist.	-10112 Jun 08 j 19:34	9°♈01'08	1.40446 AU
evening rise	-10112 Jun 13 j 17:14	17°♈16'31	
	-10112 Jun 21 j 16:02	0°♉	
desc. node	-10112 Jun 30 j 14:47	13°♉26'05	
	-10112 Jul 12 j 21:06	0°♊	
evening max el	-10112 Jul 18 j 01:42	5°♊49'50	23°06'15
retrograde	-10112 Jul 28 j 04:13	11°♊49'19	
evening set	-10112 Aug 02 j 02:33	9°♊44'51	
inferior conj	-10112 Aug 07 j 08:05	3°♊30'08	-1°07'53

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10112 Aug 07 j 09:29	3°♊25'19	1°06'52
min. Earth dist.	-10112 Aug 07 j 04:03	3°♊44'03	0.67254 AU
	-10112 Aug 09 j 23:38	30℞♉	
asc. node	-10112 Aug 10 j 21:58	28°♉55'32	
morning rise	-10112 Aug 12 j 16:19	27°♉15'10	
direct	-10112 Aug 16 j 22:57	25°♉34'13	
	-10112 Aug 25 j 00:07	0°♊	
morning max el	-10112 Aug 25 j 23:30	0°♊58'11	21°45'24
	-10112 Sep 16 j 10:50	0°♋	
morning set	-10112 Sep 26 j 13:36	15°♋37'33	
desc. node	-10112 Sep 26 j 13:05	15°♋35'31	
max. Earth dist.	-10112 Oct 03 j 15:20	27°♋04'36	1.41901 AU
	-10112 Oct 05 j 09:30	0°♌	
superior conj	-10112 Oct 11 j 00:22	9°♌34'55	-1°19'58
minimum elong	-10112 Oct 10 j 20:01	9°♌16'00	1°19'05
evening rise	-10112 Oct 21 j 20:31	29°♌01'11	
	-10112 Oct 22 j 09:23	0°♍	
asc. node	-10112 Nov 06 j 20:55	24°♍41'30	
evening max el	-10112 Nov 07 j 05:47	25°♍04'03	18°09'27
retrograde	-10112 Nov 14 j 04:20	28°♍37'29	
evening set	-10112 Nov 16 j 17:35	28°♍09'08	
inferior conj	-10112 Nov 23 j 16:39	23°♍11'31	4°00'41
minimum elong	-10112 Nov 23 j 13:47	23°♍18'06	4°00'26
min. Earth dist.	-10112 Nov 26 j 17:11	20°♍25'17	0.61050 AU
morning rise	-10112 Nov 30 j 08:46	17°♍34'42	
direct	-10112 Dec 07 j 08:03	15°♍16'58	
morning max el	-10112 Dec 21 j 07:02	22°♍45'18	27°21'47
desc. node	-10112 Dec 23 j 14:15	25°♍05'57	
	-10112 Dec 27 j 19:43	0°♎	
	-10111 Jan 15 j 23:00	0°♏	
morning set	-10111 Jan 22 j 03:48	12°♏13'30	
max. Earth dist.	-10111 Jan 28 j 11:35	25°♏41'11	1.32833 AU
superior conj	-10111 Jan 29 j 07:37	27°♏30'17	-0°42'22
minimum elong	-10111 Jan 29 j 09:16	27°♏39'14	0°42'31
	-10111 Jan 30 j 11:05	0°♐	
asc. node	-10111 Feb 02 j 18:49	7°♐12'47	
evening rise	-10111 Feb 05 j 08:11	12°♐39'08	
	-10111 Feb 14 j 05:56	0°♑	
evening max el	-10111 Mar 04 j 05:35	24°♑51'21	25°17'58
	-10111 Mar 11 j 01:25	0°♒	
retrograde	-10111 Mar 18 j 06:28	1°♒59'30	
desc. node	-10111 Mar 21 j 14:37	1°♒33'08	
evening set	-10111 Mar 23 j 09:23	0°♒58'10	
	-10111 Mar 25 j 11:56	30℞♑	
min. Earth dist.	-10111 Mar 28 j 18:40	28°♑01'03	0.57653 AU
inferior conj	-10111 Mar 31 j 19:39	25°♑55'03	-2°24'35
minimum elong	-10111 Mar 31 j 15:35	26°♑02'07	2°24'10
morning rise	-10111 Apr 09 j 00:59	21°♑37'14	
direct	-10111 Apr 11 j 08:16	21°♑20'58	
morning max el	-10111 Apr 19 j 23:15	25°♑25'34	18°59'02
	-10111 Apr 23 j 23:11	0°♒	
asc. node	-10111 May 01 j 18:13	12°♒39'01	
morning set	-10111 May 06 j 14:18	21°♒54'37	
	-10111 May 10 j 17:03	0°♓	
superior conj	-10111 May 15 j 06:17	8°♓49'47	1°39'11
minimum elong	-10111 May 15 j 03:37	8°♓37'04	1°38'43
max. Earth dist.	-10111 May 21 j 20:16	21°♓03'49	1.38560 AU
evening rise	-10111 May 25 j 20:51	28°♓10'33	
	-10111 May 26 j 22:15	0°♈	
	-10111 Jun 15 j 02:32	0°♉	
desc. node	-10111 Jun 17 j 12:11	3°♉21'12	
evening max el	-10111 Jun 30 j 12:12	19°♉11'20	24°27'51
retrograde	-10111 Jul 11 j 18:01	25°♉49'11	
evening set	-10111 Jul 17 j 07:21	23°♉24'35	

min. Earth dist.	-10111 Jul 21 j 22:33	17°♉59'57	0.67062 AU
inferior conj	-10111 Jul 22 j 13:43	17°♉08'46	-1°53'07
minimum elong	-10111 Jul 22 j 15:53	17°♉01'29	1°52'01
morning rise	-10111 Jul 28 j 00:22	11°♉01'24	
asc. node	-10111 Jul 28 j 18:53	10°♉30'54	
direct	-10111 Jul 31 j 19:40	9°♉38'12	
morning max el	-10111 Aug 08 j 20:07	14°♉21'56	20°30'56
	-10111 Aug 20 j 19:39	0°♊	
morning set	-10111 Sep 05 j 17:21	24°♊06'37	
	-10111 Sep 09 j 11:47	0°♋	
desc. node	-10111 Sep 13 j 10:05	6°♋13'02	
max. Earth dist.	-10111 Sep 16 j 00:54	10°♋24'36	1.43415 AU
superior conj	-10111 Sep 21 j 19:07	19°♋48'15	-0°49'31
minimum elong	-10111 Sep 21 j 14:37	19°♋29'42	0°48'27
	-10111 Sep 27 j 20:55	0°♌	
evening rise	-10111 Oct 04 j 10:28	11°♌19'41	
	-10111 Oct 15 j 10:50	0°♍	
evening max el	-10111 Oct 21 j 18:29	8°♍20'34	18°09'55
asc. node	-10111 Oct 24 j 18:08	10°♍46'25	
retrograde	-10111 Oct 28 j 09:46	11°♍53'11	
evening set	-10111 Oct 31 j 01:36	11°♍17'55	
inferior conj	-10111 Nov 06 j 13:39	6°♍00'08	3°27'48
minimum elong	-10111 Nov 06 j 09:58	6°♍09'45	3°27'15
min. Earth dist.	-10111 Nov 09 j 02:39	3°♍21'51	0.62799 AU
morning rise	-10111 Nov 12 j 17:26	0°♍08'06	
	-10111 Nov 12 j 21:50	30℞♌	
direct	-10111 Nov 19 j 19:06	27°♌29'20	
	-10111 Nov 27 j 07:18	0°♍	
morning max el	-10111 Dec 03 j 12:58	5°♍02'42	27°35'55
desc. node	-10111 Dec 10 j 10:57	12°♍45'28	
	-10111 Dec 22 j 12:03	0°♎	
morning set	-10110 Jan 06 j 06:14	26°♎44'39	
	-10110 Jan 07 j 20:36	0°♏	
max. Earth dist.	-10110 Jan 11 j 20:38	8°♏23'53	1.33239 AU
superior conj	-10110 Jan 13 j 17:38	12°♏25'22	-1°02'37
minimum elong	-10110 Jan 13 j 19:47	12°♏36'59	1°02'37
evening rise	-10110 Jan 20 j 19:30	27°♏37'29	
asc. node	-10110 Jan 20 j 16:02	27°♏19'13	
	-10110 Jan 21 j 22:50	0°♐	
	-10110 Feb 08 j 17:07	0°♑	
evening max el	-10110 Feb 13 j 22:39	5°♑44'24	23°48'17
retrograde	-10110 Feb 27 j 12:49	12°♑26'53	
evening set	-10110 Mar 03 j 12:27	11°♑51'46	
desc. node	-10110 Mar 08 j 11:40	9°♑42'56	
min. Earth dist.	-10110 Mar 10 j 11:17	8°♑34'02	0.56191 AU
inferior conj	-10110 Mar 12 j 12:30	7°♑18'58	-1°01'55
minimum elong	-10110 Mar 12 j 10:02	7°♑22'45	1°01'44
morning rise	-10110 Mar 21 j 10:23	3°♑14'47	
direct	-10110 Mar 23 j 15:43	3°♑02'02	
morning max el	-10110 Apr 02 j 19:37	7°♑48'50	19°56'47
	-10110 Apr 17 j 12:07	0°♒	
asc. node	-10110 Apr 18 j 15:09	2°♒12'16	
morning set	-10110 Apr 20 j 16:11	6°♒16'51	
superior conj	-10110 Apr 28 j 16:06	22°♒27'04	1°23'09
minimum elong	-10110 Apr 28 j 13:07	22°♒12'13	1°22'24
	-10110 May 02 j 12:28	0°♓	
max. Earth dist.	-10110 May 03 j 23:12	2°♓46'06	1.36789 AU
evening rise	-10110 May 08 j 00:58	10°♓20'11	
	-10110 May 19 j 14:02	0°♈	
desc. node	-10110 Jun 04 j 09:34	22°♈48'40	
	-10110 Jun 10 j 10:38	0°♉	
evening max el	-10110 Jun 12 j 21:51	2°♉34'24	25°42'44
retrograde	-10110 Jun 25 j 03:41	9°♉42'05	
evening set	-10110 Jul 01 j 07:20	7°♉01'49	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10110 Jul 05 j 13:27	2°♉15'48	0.66524 AU
inferior conj	-10110 Jul 06 j 16:53	0°♉47'09	-2°32'59
minimum elong	-10110 Jul 06 j 19:27	0°♉38'51	2°32'02
	-10110 Jul 07 j 07:32	30°℞♈	
morning rise	-10110 Jul 12 j 07:38	24°♈50'24	
direct	-10110 Jul 15 j 17:34	23°♈42'47	
asc. node	-10110 Jul 15 j 15:47	23°♈42'48	
morning max el	-10110 Jul 22 j 23:23	27°♈52'55	19°28'57
	-10110 Jul 24 j 21:15	0°♉	
	-10110 Aug 14 j 05:15	0°♊	
morning set	-10110 Aug 15 j 23:05	2°♊43'55	
max. Earth dist.	-10110 Aug 29 j 15:15	24°♊15'36	1.44354 AU
desc. node	-10110 Aug 31 j 07:07	26°♊54'01	
superior conj	-10110 Sep 01 j 10:45	28°♊44'07	-0°07'00
minimum elong	-10110 Sep 01 j 09:59	28°♊41'03	0°06'19
behind sun begin	-10110 Aug 31 j 23:37	27°♊59'41	
behind sun end	-10110 Sep 01 j 20:22	29°♊22'28	
	-10110 Sep 02 j 05:46	0°♋	
evening rise	-10110 Sep 16 j 03:13	22°♋38'29	
	-10110 Sep 20 j 13:34	0°♌	
evening max el	-10110 Oct 05 j 07:48	21°♌45'26	18°28'49
retrograde	-10110 Oct 11 j 23:25	25°♌26'12	
asc. node	-10110 Oct 11 j 15:21	25°♌25'35	
evening set	-10110 Oct 14 j 19:59	24°♌41'34	
inferior conj	-10110 Oct 20 j 22:33	19°♌06'38	2°44'14
minimum elong	-10110 Oct 20 j 19:07	19°♌16'31	2°43'38
min. Earth dist.	-10110 Oct 22 j 22:22	16°♌49'14	0.64293 AU
morning rise	-10110 Oct 26 j 17:38	13°♌02'29	
direct	-10110 Nov 02 j 13:19	10°♌16'22	
morning max el	-10110 Nov 15 j 22:16	17°♌50'12	27°16'02
	-10110 Nov 26 j 06:52	0°♍	
desc. node	-10110 Nov 27 j 07:38	1°♍23'46	
	-10110 Dec 15 j 07:07	0°♎	
morning set	-10110 Dec 21 j 00:20	10°♎46'21	
max. Earth dist.	-10110 Dec 25 j 21:46	20°♎37'10	1.34038 AU
superior conj	-10110 Dec 29 j 00:05	27°♎05'46	-1°19'59
minimum elong	-10110 Dec 29 j 02:22	27°♎17'48	1°19'56
	-10110 Dec 30 j 08:57	0°♏	
evening rise	-10109 Jan 05 j 06:17	12°♏29'23	
asc. node	-10109 Jan 07 j 13:16	17°♏12'25	
	-10109 Jan 14 j 08:08	0°♐	
evening max el	-10109 Jan 26 j 17:33	16°♐37'46	22°14'37
retrograde	-10109 Feb 08 j 07:47	22°♐39'26	
evening set	-10109 Feb 11 j 10:01	22°♐18'20	
min. Earth dist.	-10109 Feb 20 j 02:24	18°♐26'58	0.55450 AU
inferior conj	-10109 Feb 20 j 13:57	18°♐10'28	0°43'37
minimum elong	-10109 Feb 20 j 15:50	18°♐07'46	0°42'27
desc. node	-10109 Feb 23 j 08:40	16°♐37'31	
morning rise	-10109 Mar 01 j 22:29	14°♐07'01	
direct	-10109 Mar 04 j 09:08	13°♐53'18	
morning max el	-10109 Mar 16 j 05:11	19°♐32'08	21°13'20
	-10109 Mar 24 j 14:03	0°♑	
morning set	-10109 Apr 04 j 23:42	21°♑00'08	
asc. node	-10109 Apr 05 j 12:07	22°♑04'06	
	-10109 Apr 09 j 07:33	0°♒	
superior conj	-10109 Apr 12 j 12:17	6°♒38'41	1°03'00
minimum elong	-10109 Apr 12 j 09:44	6°♒25'33	1°02'06
max. Earth dist.	-10109 Apr 16 j 10:16	14°♒35'56	1.35298 AU
evening rise	-10109 Apr 20 j 23:52	23°♒29'18	
	-10109 Apr 24 j 12:07	0°♓	
	-10109 May 13 j 04:31	0°♈	
desc. node	-10109 May 22 j 06:57	11°♈37'01	
evening max el	-10109 May 26 j 08:24	15°♈56'23	26°42'22
retrograde	-10109 Jun 08 j 08:40	23°♈21'39	
evening set	-10109 Jun 15 j 00:08	20°♈34'01	
min. Earth dist.	-10109 Jun 18 j 22:32	16°♈26'55	0.65607 AU
inferior conj	-10109 Jun 20 j 15:33	14°♈22'51	-3°05'42
minimum elong	-10109 Jun 20 j 18:03	14°♈15'17	3°05'05
morning rise	-10109 Jun 26 j 12:12	8°♈39'34	
direct	-10109 Jun 29 j 14:49	7°♈45'03	
asc. node	-10109 Jul 02 j 12:40	8°♈30'46	
morning max el	-10109 Jul 06 j 08:18	11°♈29'52	18°42'20
	-10109 Jul 19 j 10:01	0°♉	
morning set	-10109 Jul 27 j 00:26	12°♉17'08	
	-10109 Aug 07 j 01:24	0°♊	
superior conj	-10109 Aug 11 j 11:00	6°♊58'36	0°39'42
minimum elong	-10109 Aug 11 j 15:44	7°♊17'22	0°39'39
max. Earth dist.	-10109 Aug 12 j 07:54	8°♊21'14	1.44613 AU
desc. node	-10109 Aug 18 j 04:16	17°♊35'43	
	-10109 Aug 26 j 00:13	0°♋	
evening rise	-10109 Aug 27 j 17:57	2°♋45'53	
	-10109 Sep 14 j 10:46	0°♌	
evening max el	-10109 Sep 18 j 19:01	5°♌14'21	19°04'59
retrograde	-10109 Sep 25 j 17:50	9°♌11'28	
evening set	-10109 Sep 28 j 21:29	8°♌14'23	
asc. node	-10109 Sep 28 j 12:31	8°♌27'04	
inferior conj	-10109 Oct 04 j 16:15	2°♌25'25	1°54'52
minimum elong	-10109 Oct 04 j 13:41	2°♌33'25	1°54'28
min. Earth dist.	-10109 Oct 06 j 03:14	0°♌36'34	0.65484 AU
	-10109 Oct 06 j 15:14	30°℞♋	
morning rise	-10109 Oct 10 j 05:27	26°♋12'35	
direct	-10109 Oct 16 j 13:58	23°♋31'08	
	-10109 Oct 28 j 09:23	0°♌	
morning max el	-10109 Oct 29 j 08:20	0°♌55'41	26°27'25
desc. node	-10109 Nov 14 j 04:21	20°♌43'48	
	-10109 Nov 20 j 07:10	0°♍	
morning set	-10109 Dec 04 j 06:24	24°♍07'04	
	-10109 Dec 07 j 08:10	0°♎	
max. Earth dist.	-10109 Dec 08 j 12:09	2°♎17'04	1.35271 AU
superior conj	-10109 Dec 13 j 00:46	11°♎24'20	-1°33'18
minimum elong	-10109 Dec 13 j 02:37	11°♎33'53	1°33'14
evening rise	-10109 Dec 20 j 14:53	27°♎09'20	
	-10109 Dec 22 j 00:15	0°♏	
asc. node	-10109 Dec 25 j 10:33	6°♏46'43	
evening max el	-10108 Jan 08 j 19:39	27°♏53'47	20°48'56
	-10108 Jan 11 j 08:14	0°♐	
retrograde	-10108 Jan 19 j 21:51	3°♐06'27	
evening set	-10108 Jan 22 j 13:45	2°♐49'38	
	-10108 Jan 29 j 11:08	30°℞♏	
inferior conj	-10108 Jan 31 j 11:07	28°♏51'20	2°26'16
minimum elong	-10108 Jan 31 j 16:33	28°♏43'27	2°24'19
min. Earth dist.	-10108 Feb 01 j 16:31	28°♏08'38	0.55592 AU
morning rise	-10108 Feb 09 j 18:02	24°♏33'01	
desc. node	-10108 Feb 10 j 05:37	24°♏26'42	
direct	-10108 Feb 13 j 00:07	24°♏09'44	
	-10108 Feb 25 j 12:12	0°♐	
morning max el	-10108 Feb 26 j 03:53	0°♐36'31	22°44'40
	-10108 Mar 16 j 12:43	0°♑	
morning set	-10108 Mar 19 j 10:36	5°♑57'17	
asc. node	-10108 Mar 22 j 09:06	12°♑08'56	
superior conj	-10108 Mar 26 j 15:38	21°♑14'37	0°40'29
minimum elong	-10108 Mar 26 j 13:56	21°♑05'33	0°39'36
max. Earth dist.	-10108 Mar 29 j 07:49	26°♑51'37	1.34160 AU
	-10108 Mar 30 j 20:19	0°♒	
evening rise	-10108 Apr 03 j 12:21	7°♒21'55	
	-10108 Apr 16 j 01:51	0°♓	
evening max el	-10108 May 07 j 19:22	29°♓07'42	27°18'39
desc. node	-10108 May 08 j 04:22	29°♓29'26	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10108 May 08 j 17:19	0°♈	
retrograde	-10108 May 21 j 08:03	6°♈39'29	
evening set	-10108 May 28 j 06:51	3°♈55'54	
min. Earth dist.	-10108 May 31 j 23:47	0°♈24'28	0.64301 AU
	-10108 Jun 01 j 08:48	30°℞♓	
inferior conj	-10108 Jun 03 j 07:17	27°♓51'00	-3°28'48
minimum elong	-10108 Jun 03 j 09:05	27°♓46'00	3°28'41
morning rise	-10108 Jun 09 j 11:53	22°♓23'50	
direct	-10108 Jun 12 j 08:56	21°♓40'18	
asc. node	-10108 Jun 18 j 09:30	24°♓41'02	
morning max el	-10108 Jun 18 j 20:54	25°♓08'47	18°12'45
	-10108 Jun 22 j 21:24	0°♈	
morning set	-10108 Jul 07 j 03:23	23°♈01'53	
	-10108 Jul 11 j 06:45	0°♉	
superior conj	-10108 Jul 20 j 17:45	15°♉33'35	1°18'31
minimum elong	-10108 Jul 21 j 00:15	15°♉59'50	1°18'17
max. Earth dist.	-10108 Jul 25 j 00:02	22°♉23'59	1.44164 AU
	-10108 Jul 29 j 19:11	0°♊	
desc. node	-10108 Aug 04 j 01:30	8°♊14'40	
evening rise	-10108 Aug 06 j 07:07	11°♊43'19	
	-10108 Aug 18 j 04:48	0°♋	
greatest brilliancy	-10108 Aug 18 j 23:52	1°♋11'36	-0.7m
evening max el	-10108 Sep 01 j 01:38	18°♋42'51	19°57'02
retrograde	-10108 Sep 08 j 14:21	23°♋05'01	
evening set	-10108 Sep 12 j 03:26	21°♋52'05	
asc. node	-10108 Sep 14 j 09:39	19°♋52'19	
inferior conj	-10108 Sep 17 j 16:05	15°♋52'05	1°02'55
minimum elong	-10108 Sep 17 j 14:39	15°♋56'49	1°02'55
min. Earth dist.	-10108 Sep 18 j 15:16	14°♋35'46	0.66362 AU
morning rise	-10108 Sep 23 j 01:37	9°♋34'08	
direct	-10108 Sep 28 j 20:11	7°♋05'47	
morning max el	-10108 Oct 10 j 17:53	14°♋08'32	25°18'00
	-10108 Oct 23 j 18:05	0°♌	
desc. node	-10108 Oct 31 j 01:06	10°♌33'07	
	-10108 Nov 12 j 02:14	0°♍	
morning set	-10108 Nov 15 j 19:40	6°♍32'55	
max. Earth dist.	-10108 Nov 19 j 16:09	13°♍36'10	1.36915 AU
superior conj	-10108 Nov 25 j 16:45	25°♍12'04	-1°41'04
minimum elong	-10108 Nov 25 j 17:31	25°♍15'54	1°40'56
	-10108 Nov 28 j 02:30	0°♎	
evening rise	-10108 Dec 03 j 19:21	11°♎31'38	
asc. node	-10108 Dec 11 j 07:51	25°♎55'05	
	-10108 Dec 13 j 18:15	0°♏	
evening max el	-10108 Dec 21 j 07:35	9°♏42'54	19°38'58
retrograde	-10108 Dec 30 j 19:39	14°♏11'50	
evening set	-10107 Jan 02 j 08:29	13°♏54'10	
inferior conj	-10107 Jan 10 j 17:21	9°♏48'11	3°39'11
minimum elong	-10107 Jan 10 j 22:11	9°♏40'24	3°38'01
min. Earth dist.	-10107 Jan 13 j 06:04	8°♏11'13	0.56557 AU
morning rise	-10107 Jan 19 j 09:47	5°♏05'53	
direct	-10107 Jan 23 j 22:38	4°♏19'36	
desc. node	-10107 Jan 27 j 02:30	4°♏42'36	
morning max el	-10107 Feb 06 j 19:35	11°♏18'22	24°21'57
	-10107 Feb 20 j 21:51	0°♐	
morning set	-10107 Mar 03 j 23:02	21°♐02'11	
	-10107 Mar 08 j 03:48	0°♑	
asc. node	-10107 Mar 09 j 06:09	2°♑22'27	
superior conj	-10107 Mar 10 j 23:46	6°♑07'21	0°16'54
minimum elong	-10107 Mar 10 j 23:04	6°♑03'33	0°16'11
max. Earth dist.	-10107 Mar 12 j 14:15	9°♑34'17	1.33369 AU
evening rise	-10107 Mar 18 j 10:25	21°♑45'33	
	-10107 Mar 22 j 15:13	0°♒	
	-10107 Apr 10 j 00:32	0°♓	
evening max el	-10107 Apr 20 j 04:38	11°♓56'24	27°25'17
desc. node	-10107 Apr 25 j 01:42	16°♓02'57	
retrograde	-10107 May 04 j 01:09	19°♓27'47	
evening set	-10107 May 11 j 00:10	17°♓01'25	
min. Earth dist.	-10107 May 14 j 15:49	13°♓57'31	0.62635 AU
inferior conj	-10107 May 17 j 13:11	11°♓06'09	-3°38'49
minimum elong	-10107 May 17 j 13:33	11°♓05'14	3°39'04
morning rise	-10107 May 24 j 04:08	5°♓57'34	
direct	-10107 May 26 j 20:54	5°♓23'19	
morning max el	-10107 Jun 02 j 10:55	8°♓45'33	18°01'12
asc. node	-10107 Jun 05 j 06:20	11°♓58'07	
	-10107 Jun 16 j 11:29	0°♈	
morning set	-10107 Jun 19 j 05:49	4°♈53'31	
superior conj	-10107 Jul 01 j 00:06	25°♈18'29	1°41'54
minimum elong	-10107 Jul 01 j 03:58	25°♈34'42	1°41'54
	-10107 Jul 03 j 19:28	0°♉	
max. Earth dist.	-10107 Jul 07 j 12:44	6°♉06'22	1.43072 AU
evening rise	-10107 Jul 16 j 07:52	20°♉06'44	
desc. node	-10107 Jul 21 j 22:48	28°♉47'31	
	-10107 Jul 22 j 17:49	0°♊	
	-10107 Aug 13 j 02:30	0°♋	
evening max el	-10107 Aug 15 j 01:50	2°♋08'17	21°02'56
retrograde	-10107 Aug 23 j 10:54	7°♋04'11	
evening set	-10107 Aug 27 j 11:33	5°♋32'28	
asc. node	-10107 Sep 01 j 06:43	0°♋09'17	
	-10107 Sep 01 j 09:27	30°℞♊	
inferior conj	-10107 Sep 01 j 19:55	29°♊24'21	0°10'42
minimum elong	-10107 Sep 01 j 19:40	29°♊25'13	0°11'10
transit middle	-10107 Sep 01 j 19:40	29°♊25'13	0°11'10
transit begin	-10107 Sep 01 j 17:41	29°♊32'01	
transit end	-10107 Sep 01 j 21:39	29°♊18'26	
min. Earth dist.	-10107 Sep 02 j 08:14	28°♊42'20	0.66936 AU
morning rise	-10107 Sep 07 j 03:38	23°♊04'45	
direct	-10107 Sep 12 j 07:29	20°♊54'09	
morning max el	-10107 Sep 23 j 03:37	27°♊23'41	23°56'43
	-10107 Sep 25 j 14:07	0°♋	
	-10107 Oct 17 j 10:44	0°♌	
desc. node	-10107 Oct 17 j 21:52	0°♌43'07	
morning set	-10107 Oct 28 j 10:36	17°♌49'28	
max. Earth dist.	-10107 Nov 01 j 14:46	25°♌04'11	1.38849 AU
	-10107 Nov 04 j 08:45	0°♍	
superior conj	-10107 Nov 08 j 20:09	8°♍17'34	-1°41'13
minimum elong	-10107 Nov 08 j 19:07	8°♍12'41	1°40'54
evening rise	-10107 Nov 17 j 17:25	25°♍29'46	
	-10107 Nov 20 j 01:07	0°♎	
asc. node	-10107 Nov 28 j 05:09	14°♎28'19	
evening max el	-10107 Dec 04 j 05:19	22°♎04'29	18°48'16
retrograde	-10107 Dec 12 j 10:01	26°♎02'01	
evening set	-10107 Dec 14 j 22:02	25°♎41'21	
inferior conj	-10107 Dec 22 j 17:07	21°♎17'31	4°12'33
minimum elong	-10107 Dec 22 j 18:36	21°♎14'48	4°12'19
min. Earth dist.	-10107 Dec 25 j 21:09	18°♎58'05	0.58117 AU
morning rise	-10107 Dec 30 j 13:09	16°♎10'42	
direct	-10106 Jan 05 j 08:36	14°♎48'59	
desc. node	-10106 Jan 13 j 23:16	17°♎40'23	
morning max el	-10106 Jan 19 j 11:02	22°♎05'04	25°51'12
	-10106 Jan 26 j 10:55	0°♏	
	-10106 Feb 13 j 11:42	0°♐	
morning set	-10106 Feb 16 j 11:11	6°♐06'57	
superior conj	-10106 Feb 23 j 10:36	21°♐08'50	-0°06'48
minimum elong	-10106 Feb 23 j 10:55	21°♐10'32	0°07'18
behind sun begin	-10106 Feb 23 j 06:26	20°♐46'08	
behind sun end	-10106 Feb 23 j 15:23	21°♐34'55	
max. Earth dist.	-10106 Feb 24 j 02:06	22°♐33'16	1.32904 AU
asc. node	-10106 Feb 24 j 03:14	22°♐39'28	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10106 Feb 27 j 12:52	0°♉	
evening rise	-10106 Mar 02 j 14:55	6°♉28'40	
	-10106 Mar 15 j 05:41	0°♒	
evening max el	-10106 Apr 02 j 09:38	24°♒10'28	26°59'18
	-10106 Apr 10 j 05:03	0°♓	
desc. node	-10106 Apr 11 j 22:58	0°♓45'59	
retrograde	-10106 Apr 16 j 10:59	1°♓37'49	
	-10106 Apr 22 j 10:52	30°℞♒	
evening set	-10106 Apr 23 j 00:34	29°♒40'45	
min. Earth dist.	-10106 Apr 26 j 22:41	26°♒51'11	0.60701 AU
inferior conj	-10106 Apr 30 j 05:47	23°♒59'53	-3°30'39
minimum elong	-10106 Apr 30 j 04:06	24°♒03'34	3°30'54
morning rise	-10106 May 07 j 09:45	19°♒11'33	
direct	-10106 May 09 j 22:43	18°♒45'25	
morning max el	-10106 May 16 j 23:43	22°♒13'10	18°08'23
asc. node	-10106 May 23 j 03:10	0°♓06'58	
	-10106 May 23 j 01:22	0°♓	
morning set	-10106 Jun 02 j 02:55	17°♓40'18	
	-10106 Jun 08 j 19:47	0°♈	
superior conj	-10106 Jun 12 j 09:34	6°♈24'25	1°49'48
minimum elong	-10106 Jun 12 j 09:55	6°♈25'57	1°49'48
max. Earth dist.	-10106 Jun 19 j 19:29	19°♈11'13	1.41484 AU
evening rise	-10106 Jun 25 j 18:24	28°♈58'15	
	-10106 Jun 26 j 09:46	0°♉	
desc. node	-10106 Jul 08 j 20:10	19°♉10'08	
	-10106 Jul 16 j 08:39	0°♊	
evening max el	-10106 Jul 28 j 19:09	15°♊29'58	22°19'29
retrograde	-10106 Aug 07 j 05:52	21°♊06'15	
evening set	-10106 Aug 11 j 19:52	19°♊13'49	
inferior conj	-10106 Aug 17 j 01:50	13°♊00'32	-0°40'00
minimum elong	-10106 Aug 17 j 02:41	12°♊57'36	0°39'08
min. Earth dist.	-10106 Aug 17 j 03:46	12°♊53'53	0.67214 AU
asc. node	-10106 Aug 19 j 03:42	10°♊12'07	
morning rise	-10106 Aug 22 j 09:24	6°♊42'48	
direct	-10106 Aug 26 j 23:16	4°♊51'17	
morning max el	-10106 Sep 05 j 15:41	10°♊40'22	22°32'22
	-10106 Sep 20 j 18:07	0°♋	
desc. node	-10106 Oct 04 j 18:43	21°♋07'39	
morning set	-10106 Oct 08 j 22:57	27°♋48'13	
	-10106 Oct 10 j 07:18	0°♌	
max. Earth dist.	-10106 Oct 14 j 14:27	7°♌08'45	1.40833 AU
superior conj	-10106 Oct 22 j 06:00	20°♌27'38	-1°31'17
minimum elong	-10106 Oct 22 j 02:44	20°♌12'59	1°30'38
	-10106 Oct 27 j 11:25	0°♍	
evening rise	-10106 Nov 01 j 06:10	8°♍56'48	
	-10106 Nov 13 j 09:43	0°♎	
asc. node	-10106 Nov 15 j 02:26	2°♎15'23	
evening max el	-10106 Nov 17 j 11:06	4°♎53'42	18°17'52
retrograde	-10106 Nov 24 j 18:02	8°♎32'37	
evening set	-10106 Nov 27 j 06:21	8°♎07'38	
inferior conj	-10106 Dec 04 j 12:25	3°♎22'36	4°12'08
minimum elong	-10106 Dec 04 j 10:42	3°♎26'14	4°12'02
min. Earth dist.	-10106 Dec 07 j 17:13	0°♎39'46	0.59968 AU
	-10106 Dec 08 j 13:09	30°℞♍	
morning rise	-10106 Dec 11 j 13:29	27°♍55'22	
direct	-10106 Dec 18 j 06:07	25°♍55'39	
	-10106 Dec 28 j 09:47	0°♎	
desc. node	-10106 Dec 31 j 20:00	2°♎54'01	
morning max el	-10105 Jan 01 j 07:29	3°♎21'16	26°57'42
	-10105 Jan 20 j 19:56	0°♏	
morning set	-10105 Jan 31 j 21:12	21°♏04'43	
	-10105 Feb 05 j 01:56	0°♐	
superior conj	-10105 Feb 07 j 22:26	6°♐12'50	-0°29'46
minimum elong	-10105 Feb 07 j 23:39	6°♐19'28	0°30'02
max. Earth dist.	-10105 Feb 07 j 15:38	5°♐35'41	1.32763 AU
asc. node	-10105 Feb 11 j 00:23	12°♐55'48	
evening rise	-10105 Feb 14 j 23:32	21°♐23'10	
	-10105 Feb 19 j 05:39	0°♑	
	-10105 Mar 10 j 01:33	0°♒	
evening max el	-10105 Mar 15 j 09:00	5°♒46'09	26°02'12
retrograde	-10105 Mar 29 j 12:03	13°♒04'25	
desc. node	-10105 Mar 29 j 20:09	13°♒04'08	
evening set	-10105 Apr 04 j 05:43	11°♒43'24	
min. Earth dist.	-10105 Apr 08 j 22:13	8°♒52'38	0.58707 AU
inferior conj	-10105 Apr 12 j 05:29	6°♒23'49	-2°57'34
minimum elong	-10105 Apr 12 j 01:52	6°♒30'40	2°57'23
morning rise	-10105 Apr 20 j 01:04	1°♒55'38	
direct	-10105 Apr 22 j 10:12	1°♒36'23	
morning max el	-10105 Apr 30 j 08:28	5°♒23'28	18°34'51
asc. node	-10105 May 10 j 00:00	18°♒55'49	
	-10105 May 15 j 23:13	0°♓	
morning set	-10105 May 16 j 14:07	1°♓11'36	
superior conj	-10105 May 25 j 18:04	18°♓40'42	1°45'36
minimum elong	-10105 May 25 j 16:05	18°♓31'30	1°45'20
	-10105 May 31 j 23:51	0°♈	
max. Earth dist.	-10105 Jun 01 j 20:42	1°♈31'40	1.39636 AU
evening rise	-10105 Jun 06 j 06:05	9°♈04'10	
	-10105 Jun 19 j 09:23	0°♉	
desc. node	-10105 Jun 25 j 17:33	9°♉17'02	
evening max el	-10105 Jul 11 j 07:13	28°♉50'08	23°41'22
	-10105 Jul 12 j 11:57	0°♊	
retrograde	-10105 Jul 21 j 21:53	5°♊07'31	
evening set	-10105 Jul 27 j 02:28	2°♊54'14	
	-10105 Jul 29 j 19:31	30°℞♉	
inferior conj	-10105 Aug 01 j 08:04	26°♉38'32	-1°27'41
minimum elong	-10105 Aug 01 j 09:49	26°♉32'31	1°26'35
min. Earth dist.	-10105 Jul 31 j 23:25	27°♉08'13	0.67200 AU
asc. node	-10105 Aug 06 j 00:39	21°♉00'28	
morning rise	-10105 Aug 06 j 17:06	20°♉26'12	
direct	-10105 Aug 10 j 18:35	18°♉53'06	
morning max el	-10105 Aug 19 j 08:32	24°♉00'00	21°12'27
	-10105 Aug 24 j 11:42	0°♊	
	-10105 Sep 14 j 04:21	0°♋	
morning set	-10105 Sep 18 j 10:46	6°♋37'51	
desc. node	-10105 Sep 21 j 15:38	11°♋41'14	
max. Earth dist.	-10105 Sep 26 j 19:27	19°♋59'54	1.42596 AU
	-10105 Oct 02 j 19:59	0°♌	
superior conj	-10105 Oct 03 j 16:23	1°♌26'28	-1°08'44
minimum elong	-10105 Oct 03 j 11:36	1°♌06'08	1°07'44
evening rise	-10105 Oct 15 j 05:43	21°♌42'40	
	-10105 Oct 19 j 21:04	0°♍	
evening max el	-10105 Oct 31 j 22:08	18°♍02'11	18°07'23
asc. node	-10105 Nov 01 j 23:42	19°♍01'54	
retrograde	-10105 Nov 07 j 16:39	21°♍34'00	
evening set	-10105 Nov 10 j 06:43	21°♍03'03	
inferior conj	-10105 Nov 17 j 00:58	15°♍56'53	3°48'24
minimum elong	-10105 Nov 16 j 21:35	16°♍05'06	3°48'02
min. Earth dist.	-10105 Nov 19 j 21:11	13°♍11'44	0.61821 AU
morning rise	-10105 Nov 23 j 11:20	10°♍13'14	
direct	-10105 Nov 30 j 12:59	7°♍44'24	
morning max el	-10105 Dec 14 j 10:05	15°♍15'47	27°31'58
desc. node	-10105 Dec 18 j 16:42	19°♍48'25	
	-10105 Dec 26 j 13:41	0°♎	
	-10104 Jan 13 j 05:43	0°♏	
morning set	-10104 Jan 16 j 03:05	5°♏47'41	
max. Earth dist.	-10104 Jan 22 j 03:14	18°♏28'22	1.32960 AU
superior conj	-10104 Jan 23 j 09:37	21°♏12'56	-0°51'14
minimum elong	-10104 Jan 23 j 11:31	21°♏23'15	0°51'19

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10104 Jan 27 j 10:43	0°♐	
asc. node	-10104 Jan 28 j 21:35	3°♐07'05	
evening rise	-10104 Jan 30 j 10:22	6°♐21'52	
	-10104 Feb 12 j 01:29	0°♑	
evening max el	-10104 Feb 25 j 03:40	16°♑50'45	24°41'11
retrograde	-10104 Mar 10 j 01:49	23°♑49'48	
evening set	-10104 Mar 14 j 16:37	23°♑01'23	
desc. node	-10104 Mar 15 j 17:15	22°♑38'11	
min. Earth dist.	-10104 Mar 20 j 16:58	19°♑56'36	0.56957 AU
inferior conj	-10104 Mar 23 j 09:41	18°♑10'55	-1°53'18
minimum elong	-10104 Mar 23 j 05:52	18°♑17'11	1°52'49
morning rise	-10104 Mar 31 j 22:17	13°♑59'40	
direct	-10104 Apr 03 j 04:10	13°♑45'20	
morning max el	-10104 Apr 12 j 10:09	18°♑06'48	19°21'09
	-10104 Apr 21 j 07:09	0°♒	
asc. node	-10104 Apr 25 j 20:54	8°♒15'20	
morning set	-10104 Apr 29 j 11:38	15°♒18'15	
	-10104 May 06 j 21:03	0°♓	
superior conj	-10104 May 07 j 20:07	1°♓52'40	1°33'01
minimum elong	-10104 May 07 j 17:12	1°♓38'28	1°32'25
max. Earth dist.	-10104 May 13 j 21:25	13°♓21'52	1.37781 AU
evening rise	-10104 May 17 j 20:53	20°♓32'52	
	-10104 May 23 j 08:53	0°♈	
desc. node	-10104 Jun 11 j 14:57	29°♈01'41	
	-10104 Jun 12 j 08:30	0°♉	
evening max el	-10104 Jun 22 j 17:12	12°♉12'59	25°01'10
retrograde	-10104 Jul 04 j 09:59	19°♉04'49	
evening set	-10104 Jul 10 j 05:28	16°♉33'08	
min. Earth dist.	-10104 Jul 14 j 16:46	11°♉24'27	0.66873 AU
inferior conj	-10104 Jul 15 j 12:54	10°♉17'34	-2°10'50
minimum elong	-10104 Jul 15 j 15:17	10°♉09'39	2°09'45
morning rise	-10104 Jul 21 j 01:03	4°♉14'04	
asc. node	-10104 Jul 22 j 21:34	3°♉15'42	
direct	-10104 Jul 24 j 16:09	2°♉57'37	
morning max el	-10104 Aug 01 j 07:53	7°♉26'13	20°02'46
	-10104 Aug 17 j 18:16	0°♊	
morning set	-10104 Aug 27 j 12:35	15°♊02'13	
	-10104 Sep 06 j 01:21	0°♋	
desc. node	-10104 Sep 07 j 12:39	2°♋20'23	
max. Earth dist.	-10104 Sep 08 j 07:06	3°♋33'59	1.43895 AU
superior conj	-10104 Sep 12 j 23:07	11°♋05'02	-0°32'40
minimum elong	-10104 Sep 12 j 19:43	10°♋51'13	0°31'40
	-10104 Sep 24 j 08:21	0°♌	
evening rise	-10104 Sep 26 j 11:15	3°♌36'34	
	-10104 Oct 13 j 05:06	0°♍	
evening max el	-10104 Oct 14 j 11:30	1°♍22'55	18°15'51
asc. node	-10104 Oct 18 j 20:56	4°♍32'06	
retrograde	-10104 Oct 21 j 01:53	4°♍57'32	
evening set	-10104 Oct 23 j 19:35	4°♍18'31	
	-10104 Oct 29 j 02:34	30°℞♌	
inferior conj	-10104 Oct 30 j 03:24	28°♌53'12	3°10'15
minimum elong	-10104 Oct 29 j 23:43	29°♌03'14	3°09'39
min. Earth dist.	-10104 Nov 01 j 10:52	26°♌22'37	0.63476 AU
morning rise	-10104 Nov 05 j 03:07	22°♌55'55	
direct	-10104 Nov 12 j 03:16	20°♌12'17	
morning max el	-10104 Nov 25 j 17:31	27°♌46'04	27°31'19
	-10104 Nov 27 j 21:52	0°♍	
desc. node	-10104 Dec 04 j 13:23	7°♍55'01	
	-10104 Dec 19 j 05:06	0°♎	
morning set	-10104 Dec 30 j 02:21	20°♎07'14	
	-10103 Jan 03 j 22:02	0°♏	
max. Earth dist.	-10103 Jan 04 j 09:18	0°♏59'14	1.33531 AU
superior conj	-10103 Jan 06 j 18:23	6°♏02'40	-1°10'23
minimum elong	-10103 Jan 06 j 20:39	6°♏14'46	1°10'22
evening rise	-10103 Jan 13 j 21:41	21°♏18'19	
asc. node	-10103 Jan 14 j 18:49	23°♏08'32	
	-10103 Jan 18 j 04:17	0°♐	
evening max el	-10103 Feb 05 j 21:03	27°♐41'40	23°08'10
	-10103 Feb 08 j 13:41	0°♑	
retrograde	-10103 Feb 19 j 02:28	4°♑07'35	
evening set	-10103 Feb 22 j 15:54	3°♑39'55	
min. Earth dist.	-10103 Mar 02 j 08:48	0°♑09'54	0.55777 AU
desc. node	-10103 Mar 02 j 14:18	0°♑01'53	
	-10103 Mar 02 j 15:35	30°℞♐	
inferior conj	-10103 Mar 03 j 19:05	29°♐19'35	-0°18'44
minimum elong	-10103 Mar 03 j 18:16	29°♐20'48	0°19'03
morning rise	-10103 Mar 12 j 22:35	25°♐17'24	
direct	-10103 Mar 15 j 05:05	25°♐04'48	
	-10103 Mar 25 j 20:22	0°♑	
morning max el	-10103 Mar 26 j 02:01	0°♑13'11	20°27'09
asc. node	-10103 Apr 12 j 17:50	27°♑57'12	
morning set	-10103 Apr 13 j 16:16	29°♑50'43	
	-10103 Apr 13 j 18:05	0°♒	
superior conj	-10103 Apr 21 j 10:49	15°♒45'50	1°14'59
minimum elong	-10103 Apr 21 j 07:57	15°♒31'20	1°14'09
max. Earth dist.	-10103 Apr 26 j 03:46	25°♒06'23	1.36120 AU
	-10103 Apr 28 j 17:06	0°♓	
evening rise	-10103 Apr 30 j 09:46	3°♓10'05	
	-10103 May 16 j 07:58	0°♈	
desc. node	-10103 May 29 j 12:22	18°♈14'09	
evening max el	-10103 Jun 05 j 03:23	25°♈36'58	26°10'29
	-10103 Jun 10 j 06:31	0°♉	
retrograde	-10103 Jun 17 j 17:31	2°♉52'40	
evening set	-10103 Jun 24 j 02:41	0°♉08'13	
	-10103 Jun 24 j 06:25	30°℞♈	
min. Earth dist.	-10103 Jun 28 j 05:26	25°♈38'53	0.66188 AU
inferior conj	-10103 Jun 29 j 14:25	23°♈55'02	-2°47'52
minimum elong	-10103 Jun 29 j 17:01	23°♈46'49	2°47'02
morning rise	-10103 Jul 05 j 07:26	18°♈03'37	
direct	-10103 Jul 08 j 14:08	17°♈01'41	
asc. node	-10103 Jul 09 j 18:27	17°♈09'27	
morning max el	-10103 Jul 15 j 13:42	20°♈59'34	19°07'06
	-10103 Jul 22 j 15:00	0°♉	
morning set	-10103 Aug 07 j 01:12	23°♉59'21	
	-10103 Aug 10 j 20:16	0°♊	
max. Earth dist.	-10103 Aug 21 j 23:16	17°♊34'52	1.44555 AU
superior conj	-10103 Aug 23 j 05:53	19°♊36'05	0°13'03
minimum elong	-10103 Aug 23 j 07:34	19°♊42'46	0°13'24
behind sun begin	-10103 Aug 23 j 00:58	19°♊16'38	
behind sun end	-10103 Aug 23 j 14:10	20°♊08'55	
desc. node	-10103 Aug 25 j 09:46	23°♊01'52	
	-10103 Aug 29 j 18:43	0°♋	
evening rise	-10103 Sep 07 j 17:21	14°♋25'54	
	-10103 Sep 17 j 08:00	0°♌	
evening max el	-10103 Sep 28 j 00:16	14°♌49'57	18°42'12
retrograde	-10103 Oct 04 j 17:59	18°♌36'30	
asc. node	-10103 Oct 05 j 18:08	18°♌30'48	
evening set	-10103 Oct 07 j 17:22	17°♌46'46	
inferior conj	-10103 Oct 13 j 16:23	12°♌05'15	2°23'48
minimum elong	-10103 Oct 13 j 13:16	12°♌14'34	2°23'15
min. Earth dist.	-10103 Oct 15 j 10:31	9°♌59'42	0.64835 AU
morning rise	-10103 Oct 19 j 08:40	5°♌57'12	
direct	-10103 Oct 26 j 00:04	3°♌12'08	
morning max el	-10103 Nov 08 j 03:26	10°♌42'40	26°58'37
desc. node	-10103 Nov 21 j 10:06	26°♌52'49	
	-10103 Nov 23 j 14:21	0°♍	
	-10103 Dec 11 j 14:48	0°♎	
morning set	-10103 Dec 13 j 15:55	3°♎53'22	
max. Earth dist.	-10103 Dec 18 j 06:25	12°♎59'52	1.34510 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10103 Dec 21 j 22:44	20°♎35'10	-1°26'12
minimum elong	-10103 Dec 22 j 00:55	20°♎46'32	1°26'08
	-10103 Dec 26 j 09:56	0°♏	
evening rise	-10103 Dec 29 j 07:49	6°♏06'36	
asc. node	-10102 Jan 01 j 16:05	12°♏54'58	
	-10102 Jan 11 j 11:54	0°♐	
evening max el	-10102 Jan 18 j 18:29	8°♐42'49	21°36'37
retrograde	-10102 Jan 30 j 18:06	14°♐24'01	
evening set	-10102 Feb 02 j 14:57	14°♐05'26	
inferior conj	-10102 Feb 11 j 17:08	10°♐03'38	1°29'16
minimum elong	-10102 Feb 11 j 20:54	9°♐58'17	1°27'34
min. Earth dist.	-10102 Feb 11 j 23:10	9°♐55'03	0.55405 AU
desc. node	-10102 Feb 17 j 11:16	7°♐04'51	
morning rise	-10102 Feb 21 j 02:48	5°♐56'07	
direct	-10102 Feb 23 j 19:57	5°♐39'42	
morning max el	-10102 Mar 08 j 06:48	11°♐39'27	21°50'44
	-10102 Mar 21 j 12:27	0°♑	
morning set	-10102 Mar 29 j 01:31	14°♑41'18	
asc. node	-10102 Mar 30 j 14:49	17°♑55'27	
superior conj	-10102 Apr 05 j 10:27	0°♒09'16	0°53'39
minimum elong	-10102 Apr 05 j 08:13	29°♑57'39	0°52'45
	-10102 Apr 05 j 08:40	0°♒	
max. Earth dist.	-10102 Apr 08 j 19:30	7°♒07'09	1.34775 AU
evening rise	-10102 Apr 13 j 15:02	16°♒39'29	
	-10102 Apr 20 j 21:14	0°♓	
	-10102 May 10 j 16:48	0°♈	
desc. node	-10102 May 16 j 09:47	6°♈40'55	
evening max el	-10102 May 18 j 14:12	8°♈55'18	27°00'53
retrograde	-10102 May 31 j 20:05	16°♈24'08	
evening set	-10102 Jun 07 j 15:34	13°♈36'24	
min. Earth dist.	-10102 Jun 11 j 11:13	9°♈45'27	0.65108 AU
inferior conj	-10102 Jun 13 j 10:26	7°♈27'44	-3°16'49
minimum elong	-10102 Jun 13 j 12:44	7°♈21'02	3°16'26
morning rise	-10102 Jun 19 j 10:15	1°♈51'15	
direct	-10102 Jun 22 j 10:21	1°♈01'39	
asc. node	-10102 Jun 26 j 15:19	2°♈34'15	
morning max el	-10102 Jun 29 j 00:30	4°♈37'59	18°27'36
	-10102 Jul 16 j 02:30	0°♉	
morning set	-10102 Jul 18 j 13:18	4°♉02'28	
superior conj	-10102 Aug 02 j 06:01	27°♉50'43	0°57'48
minimum elong	-10102 Aug 02 j 12:11	28°♉15'13	0°57'35
	-10102 Aug 03 j 14:34	0°♊	
max. Earth dist.	-10102 Aug 04 j 16:22	1°♊42'21	1.44506 AU
desc. node	-10102 Aug 12 j 06:58	13°♊42'29	
evening rise	-10102 Aug 18 j 20:35	24°♊01'42	
	-10102 Aug 22 j 15:56	0°♋	
greatest brilliancy	-10102 Aug 28 j 17:28	9°♋26'48	-0.8m
evening max el	-10102 Sep 11 j 09:42	28°♋18'14	19°25'17
	-10102 Sep 13 j 05:07	0°♌	
retrograde	-10102 Sep 18 j 13:41	2°♌25'18	
evening set	-10102 Sep 21 j 21:03	1°♌21'50	
asc. node	-10102 Sep 22 j 15:18	0°♌49'34	
	-10102 Sep 23 j 14:28	30°℞♋	
inferior conj	-10102 Sep 27 j 12:58	25°♋27'32	1°33'00
minimum elong	-10102 Sep 27 j 10:51	25°♋34'16	1°32'45
min. Earth dist.	-10102 Sep 28 j 18:44	23°♋52'20	0.65886 AU
morning rise	-10102 Oct 03 j 00:20	19°♋11'55	
direct	-10102 Oct 09 j 02:56	16°♋35'30	
morning max el	-10102 Oct 21 j 13:34	23°♋52'46	26°00'05
	-10102 Oct 27 j 02:35	0°♌	
desc. node	-10102 Nov 08 j 06:48	16°♌26'03	
	-10102 Nov 16 j 23:10	0°♍	
morning set	-10102 Nov 26 j 15:28	16°♍52'16	
max. Earth dist.	-10102 Nov 30 j 16:20	24°♍29'08	1.35919 AU
	-10102 Dec 03 j 11:57	0°♎	

superior conj	-10102 Dec 05 j 20:04	4°♎41'08	-1°37'24
minimum elong	-10102 Dec 05 j 21:33	4°♎48'41	1°37'18
evening rise	-10102 Dec 13 j 14:53	20°♎39'23	
	-10102 Dec 18 j 07:48	0°♏	
asc. node	-10102 Dec 19 j 13:23	2°♏19'05	
evening max el	-10101 Jan 01 j 00:26	20°♏11'28	20°16'59
retrograde	-10101 Jan 11 j 10:26	25°♏05'00	
evening set	-10101 Jan 14 j 00:16	24°♏48'20	
inferior conj	-10101 Jan 22 j 16:41	20°♏48'13	3°01'52
minimum elong	-10101 Jan 22 j 22:23	20°♏39'37	3°00'06
min. Earth dist.	-10101 Jan 24 j 12:58	19°♏41'38	0.55907 AU
morning rise	-10101 Jan 31 j 18:43	16°♏20'06	
desc. node	-10101 Feb 04 j 08:10	15°♏49'11	
direct	-10101 Feb 04 j 12:43	15°♏49'06	
morning max el	-10101 Feb 18 j 02:02	22°♏31'53	23°26'03
	-10101 Feb 24 j 14:27	0°♐	
morning set	-10101 Mar 13 j 13:17	29°♐42'26	
	-10101 Mar 13 j 16:39	0°♑	
asc. node	-10101 Mar 17 j 11:49	8°♑04'25	
superior conj	-10101 Mar 20 j 16:07	14°♑53'20	0°30'33
minimum elong	-10101 Mar 20 j 14:49	14°♑46'25	0°29'44
max. Earth dist.	-10101 Mar 22 j 20:57	19°♑33'52	1.33780 AU
	-10101 Mar 27 j 22:42	0°♒	
evening rise	-10101 Mar 28 j 08:00	0°♒46'24	
	-10101 Apr 13 j 21:14	0°♓	
evening max el	-10101 May 01 j 00:31	21°♓57'43	27°25'14
desc. node	-10101 May 03 j 07:08	24°♓02'55	
retrograde	-10101 May 14 j 17:09	29°♓30'47	
evening set	-10101 May 21 j 17:04	26°♓52'31	
min. Earth dist.	-10101 May 25 j 08:37	23°♓34'18	0.63633 AU
inferior conj	-10101 May 27 j 22:23	20°♓51'04	-3°34'56
minimum elong	-10101 May 27 j 23:40	20°♓47'38	3°35'00
morning rise	-10101 Jun 03 j 07:07	15°♓31'48	
direct	-10101 Jun 06 j 02:08	14°♓52'33	
morning max el	-10101 Jun 12 j 14:07	18°♓17'11	18°05'34
asc. node	-10101 Jun 13 j 12:09	19°♓14'57	
	-10101 Jun 21 j 02:58	0°♈	
morning set	-10101 Jun 30 j 02:46	15°♈16'45	
	-10101 Jul 08 j 18:09	0°♉	
superior conj	-10101 Jul 12 j 21:40	6°♉52'30	1°30'28
minimum elong	-10101 Jul 13 j 03:23	7°♉15'57	1°30'20
max. Earth dist.	-10101 Jul 18 j 07:01	15°♉37'19	1.43766 AU
	-10101 Jul 27 j 09:25	0°♊	
evening rise	-10101 Jul 29 j 02:02	2°♊37'52	
desc. node	-10101 Jul 30 j 04:15	4°♊19'23	
	-10101 Aug 16 j 06:41	0°♋	
evening max el	-10101 Aug 25 j 13:40	11°♋45'22	20°23'32
retrograde	-10101 Sep 02 j 10:31	16°♋21'24	
evening set	-10101 Sep 06 j 04:09	15°♋00'59	
asc. node	-10101 Sep 09 j 12:23	11°♋40'51	
inferior conj	-10101 Sep 11 j 14:46	8°♋57'07	0°40'42
minimum elong	-10101 Sep 11 j 13:50	9°♋00'15	0°40'54
min. Earth dist.	-10101 Sep 12 j 09:16	7°♋55'01	0.66637 AU
morning rise	-10101 Sep 16 j 23:17	2°♋37'44	
direct	-10101 Sep 22 j 11:32	0°♋16'27	
morning max el	-10101 Oct 03 j 23:03	7°♋07'11	24°44'19
	-10101 Oct 21 j 20:43	0°♌	
desc. node	-10101 Oct 26 j 03:34	6°♌24'50	
morning set	-10101 Nov 08 j 19:53	28°♌50'06	
	-10101 Nov 09 j 11:46	0°♍	
max. Earth dist.	-10101 Nov 12 j 16:48	5°♍45'45	1.37709 AU
superior conj	-10101 Nov 19 j 07:10	18°♍11'45	-1°42'12
minimum elong	-10101 Nov 19 j 07:16	18°♍12'12	1°42'01
	-10101 Nov 25 j 06:30	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening rise	-10101 Nov 27 j 16:53	4°♎51'26	
asc. node	-10101 Dec 06 j 10:40	21°♎13'17	
	-10101 Dec 12 j 13:48	0°♏	
evening max el	-10101 Dec 14 j 16:40	2°♏14'24	19°15'00
retrograde	-10101 Dec 23 j 14:24	6°♏28'10	
evening set	-10101 Dec 26 j 02:37	6°♏09'32	
inferior conj	-10100 Jan 03 j 05:40	1°♏57'08	3°58'04
minimum elong	-10100 Jan 03 j 09:14	1°♏51'05	3°57'22
min. Earth dist.	-10100 Jan 06 j 03:07	29°♎59'49	0.57163 AU
	-10100 Jan 06 j 03:00	30°℞♎	
morning rise	-10100 Jan 11 j 13:35	27°♎03'41	
direct	-10100 Jan 16 j 16:11	26°♎03'11	
desc. node	-10100 Jan 22 j 04:58	27°♎14'14	
	-10100 Jan 26 j 22:34	0°♏	
morning max el	-10100 Jan 30 j 16:44	3°♏11'37	25°01'45
	-10100 Feb 18 j 14:26	0°♐	
morning set	-10100 Feb 26 j 01:46	14°♐47'25	
asc. node	-10100 Mar 03 j 08:52	28°♐19'33	
superior conj	-10100 Mar 04 j 01:35	29°♐50'18	0°06'50
minimum elong	-10100 Mar 04 j 01:19	29°♐48'49	0°06'12
behind sun begin	-10100 Mar 03 j 20:38	29°♐23'25	
behind sun end	-10100 Mar 04 j 06:00	0°♑14'14	
	-10100 Mar 04 j 03:23	0°♑	
max. Earth dist.	-10100 Mar 05 j 05:53	2°♑23'26	1.33129 AU
evening rise	-10100 Mar 11 j 09:06	15°♑19'09	
	-10100 Mar 18 j 23:48	0°♒	
	-10100 Apr 08 j 01:23	0°♓	
evening max el	-10100 Apr 12 j 08:15	4°♓32'45	27°18'20
desc. node	-10100 Apr 19 j 04:26	9°♓53'29	
retrograde	-10100 Apr 26 j 07:34	12°♓03'21	
evening set	-10100 May 03 j 03:38	9°♓48'20	
min. Earth dist.	-10100 May 06 j 20:53	6°♓52'06	0.61830 AU
inferior conj	-10100 May 09 j 23:05	3°♓58'09	-3°38'00
minimum elong	-10100 May 09 j 22:38	3°♓59'13	3°38'19
	-10100 May 14 j 18:32	30°℞♒	
morning rise	-10100 May 16 j 19:14	28°♒57'55	
direct	-10100 May 19 j 10:13	28°♒27'23	
	-10100 May 23 j 22:26	0°♓	
morning max el	-10100 May 26 j 03:56	1°♓50'48	18°01'51
asc. node	-10100 May 30 j 08:58	6°♓55'31	
morning set	-10100 Jun 11 j 13:45	27°♓33'07	
	-10100 Jun 12 j 22:17	0°♈	
superior conj	-10100 Jun 22 j 15:43	17°♈11'58	1°46'59
minimum elong	-10100 Jun 22 j 18:01	17°♈21'50	1°47'01
max. Earth dist.	-10100 Jun 29 j 16:53	29°♈03'26	1.42446 AU
	-10100 Jun 30 j 06:39	0°♉	
evening rise	-10100 Jul 07 j 04:13	11°♉05'20	
desc. node	-10100 Jul 16 j 01:35	24°♉48'18	
	-10100 Jul 19 j 12:55	0°♊	
evening max el	-10100 Aug 07 j 10:55	25°♊09'09	21°34'31
	-10100 Aug 14 j 04:16	0°♋	
retrograde	-10100 Aug 16 j 06:28	0°♋21'34	
	-10100 Aug 18 j 06:25	30°℞♊	
evening set	-10100 Aug 20 j 12:33	28°♊41'25	
inferior conj	-10100 Aug 25 j 19:41	22°♊30'59	-0°11'06
minimum elong	-10100 Aug 25 j 19:55	22°♊30'12	0°10'26
transit middle	-10100 Aug 25 j 19:55	22°♊30'12	0°10'26
transit begin	-10100 Aug 25 j 17:50	22°♊37'23	
transit end	-10100 Aug 25 j 22:00	22°♊23'01	
min. Earth dist.	-10100 Aug 26 j 03:39	22°♊03'35	0.67094 AU
asc. node	-10100 Aug 26 j 09:24	21°♊43'50	
morning rise	-10100 Aug 31 j 03:08	16°♊11'38	
direct	-10100 Sep 05 j 00:58	14°♊08'50	
morning max el	-10100 Sep 15 j 09:12	20°♊21'38	23°20'35
	-10100 Sep 23 j 13:21	0°♋	
desc. node	-10100 Oct 12 j 00:24	26°♋41'25	
	-10100 Oct 14 j 02:47	0°♌	
morning set	-10100 Oct 19 j 23:41	9°♌33'06	
max. Earth dist.	-10100 Oct 24 j 14:35	17°♌24'07	1.39704 AU
	-10100 Oct 31 j 15:47	0°♍	
superior conj	-10100 Nov 01 j 03:45	0°♍55'09	-1°38'23
minimum elong	-10100 Nov 01 j 01:47	0°♍46'03	1°37'59
evening rise	-10100 Nov 10 j 11:19	18°♍36'29	
	-10100 Nov 16 j 12:52	0°♎	
asc. node	-10100 Nov 22 j 07:56	9°♎27'59	
evening max el	-10100 Nov 26 j 18:10	14°♎48'35	18°32'55
retrograde	-10100 Dec 04 j 12:08	18°♎36'12	
evening set	-10100 Dec 07 j 00:19	18°♎13'44	
inferior conj	-10100 Dec 14 j 13:44	13°♎41'12	4°15'52
minimum elong	-10100 Dec 14 j 13:43	13°♎41'15	4°15'48
min. Earth dist.	-10100 Dec 17 j 19:45	11°♎09'11	0.58889 AU
morning rise	-10100 Dec 22 j 01:17	8°♎25'31	
direct	-10100 Dec 28 j 07:31	6°♎46'57	
desc. node	-10099 Jan 08 j 01:43	11°♎13'28	
morning max el	-10099 Jan 11 j 09:34	14°♎07'20	26°23'02
	-10099 Jan 24 j 02:38	0°♏	
morning set	-10099 Feb 09 j 13:14	29°♏49'55	
	-10099 Feb 09 j 15:09	0°♐	
superior conj	-10099 Feb 16 j 13:03	14°♐53'38	-0°16'39
minimum elong	-10099 Feb 16 j 13:46	14°♐57'31	0°17'04
max. Earth dist.	-10099 Feb 16 j 18:57	15°♐25'50	1.32803 AU
asc. node	-10099 Feb 18 j 05:58	18°♐36'49	
evening rise	-10099 Feb 23 j 15:38	0°♑08'25	
	-10099 Feb 23 j 14:00	0°♑	
	-10099 Mar 12 j 05:31	0°♒	
evening max el	-10099 Mar 25 j 11:15	16°♒31'55	26°38'41
desc. node	-10099 Apr 06 j 01:38	23°♒39'32	
retrograde	-10099 Apr 08 j 13:48	23°♒55'27	
evening set	-10099 Apr 14 j 20:02	22°♒13'46	
min. Earth dist.	-10099 Apr 19 j 00:29	19°♒25'23	0.59846 AU
inferior conj	-10099 Apr 22 j 09:00	16°♒41'07	-3°20'10
minimum elong	-10099 Apr 22 j 06:24	16°♒46'28	3°20'17
morning rise	-10099 Apr 29 j 19:16	12°♒01'06	
direct	-10099 May 02 j 06:41	11°♒37'58	
morning max el	-10099 May 09 j 15:20	15°♒12'16	18°17'10
asc. node	-10099 May 17 j 05:48	25°♒23'00	
	-10099 May 19 j 22:27	0°♓	
morning set	-10099 May 25 j 17:28	10°♓40'57	
superior conj	-10099 Jun 04 j 11:42	28°♓49'50	1°49'16
minimum elong	-10099 Jun 04 j 10:53	28°♓46'08	1°49'11
	-10099 Jun 05 j 03:15	0°♈	
max. Earth dist.	-10099 Jun 11 j 21:29	11°♈51'16	1.40727 AU
evening rise	-10099 Jun 17 j 00:37	20°♈26'08	
	-10099 Jun 22 j 23:46	0°♉	
desc. node	-10099 Jul 02 j 22:56	15°♉04'52	
	-10099 Jul 13 j 18:22	0°♊	
evening max el	-10099 Jul 21 j 01:53	8°♊30'23	22°54'00
retrograde	-10099 Jul 31 j 00:10	14°♊23'38	
evening set	-10099 Aug 04 j 20:22	12°♊22'12	
inferior conj	-10099 Aug 10 j 01:57	6°♊07'48	-1°00'42
minimum elong	-10099 Aug 10 j 03:13	6°♊03'27	0°59'43
min. Earth dist.	-10099 Aug 09 j 23:27	6°♊16'25	0.67257 AU
asc. node	-10099 Aug 13 j 06:24	1°♊59'05	
morning rise	-10099 Aug 15 j 09:58	29°♉52'08	
	-10099 Aug 15 j 06:07	30°℞♉	
direct	-10099 Aug 19 j 18:27	28°♉08'31	
	-10099 Aug 24 j 18:29	0°♊	
morning max el	-10099 Aug 28 j 22:57	3°♊38'43	21°57'20
	-10099 Sep 17 j 16:57	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10099 Sep 28 j 21:17	17°♋10'09		
morning set	-10099 Sep 30 j 00:37	18°♋58'42		
max. Earth dist.	-10099 Oct 06 j 16:40	29°♋49'56	1.41633 AU	
	-10099 Oct 06 j 19:05	0°♌		
superior conj	-10099 Oct 14 j 04:20	12°♌36'34	-1°23'22	
minimum elong	-10099 Oct 14 j 00:13	12°♌18'33	1°22'34	
	-10099 Oct 23 j 19:43	0°♍		
evening rise	-10099 Oct 24 j 18:57	1°♍47'00		
asc. node	-10099 Nov 09 j 05:13	26°♍50'56		
evening max el	-10099 Nov 10 j 02:31	27°♍46'34	18°11'01	
	-10099 Nov 12 j 20:07	0°♎		
retrograde	-10099 Nov 17 j 02:58	1°♎21'09		
evening set	-10099 Nov 19 j 15:55	0°♎53'43		
	-10099 Nov 21 j 13:37	30°℞♍		
inferior conj	-10099 Nov 26 j 16:44	25°♍59'11	4°04'19	
minimum elong	-10099 Nov 26 j 14:07	26°♍05'05	4°04'08	
min. Earth dist.	-10099 Nov 29 j 18:32	23°♍13'17	0.60769 AU	
morning rise	-10099 Dec 03 j 11:01	20°♍24'45		
direct	-10099 Dec 10 j 08:55	18°♍11'27		
morning max el	-10099 Dec 24 j 08:38	25°♍39'02	27°16'44	
desc. node	-10099 Dec 25 j 22:26	27°♍13'41		
	-10099 Dec 28 j 11:14	0°♎		
	-10098 Jan 17 j 09:18	0°♏		
morning set	-10098 Jan 24 j 21:45	14°♏42'07		
max. Earth dist.	-10098 Jan 31 j 08:19	28°♏26'29	1.32804 AU	
superior conj	-10098 Feb 01 j 00:47	29°♏56'16	-0°39'06	
minimum elong	-10098 Feb 01 j 02:19	0°♐04'40	0°39'17	
	-10098 Feb 01 j 01:28	0°♐		
asc. node	-10098 Feb 05 j 03:08	8°♐51'18		
evening rise	-10098 Feb 08 j 01:24	15°♐05'23		
	-10098 Feb 15 j 14:49	0°♑		
evening max el	-10098 Mar 07 j 08:21	27°♑52'28	25°30'04	
	-10098 Mar 09 j 17:46	0°♒		
retrograde	-10098 Mar 21 j 09:55	5°♒03'37		
desc. node	-10098 Mar 23 j 22:46	4°♒48'11		
evening set	-10098 Mar 26 j 16:56	3°♒57'17		
min. Earth dist.	-10098 Mar 31 j 21:22	1°♒02'17	0.57917 AU	
	-10098 Apr 02 j 09:08	30°℞♑		
inferior conj	-10098 Apr 04 j 00:34	28°♑49'44	-2°34'22	
minimum elong	-10098 Apr 03 j 20:32	28°♑56'54	2°33'59	
morning rise	-10098 Apr 12 j 03:21	24°♑29'27		
direct	-10098 Apr 14 j 11:08	24°♑12'28		
morning max el	-10098 Apr 22 j 21:23	28°♑11'51	18°52'10	
	-10098 Apr 24 j 15:09	0°♒		
asc. node	-10098 May 04 j 02:40	14°♒25'42		
morning set	-10098 May 09 j 09:30	24°♒28'30		
	-10098 May 12 j 05:16	0°♓		
superior conj	-10098 May 18 j 04:22	11°♓31'50	1°41'06	
minimum elong	-10098 May 18 j 01:51	11°♓19'52	1°40'42	
max. Earth dist.	-10098 May 24 j 22:12	23°♓58'14	1.38838 AU	
	-10098 May 28 j 08:27	0°♈		
evening rise	-10098 May 29 j 00:10	1°♈07'49		
	-10098 Jun 16 j 06:39	0°♉		
desc. node	-10098 Jun 19 j 20:19	5°♉03'24		
evening max el	-10098 Jul 03 j 12:40	21°♉51'29	24°15'55	
retrograde	-10098 Jul 14 j 14:37	28°♉24'25		
evening set	-10098 Jul 20 j 01:44	26°♉02'33		
inferior conj	-10098 Jul 25 j 07:50	19°♉46'38	-1°46'38	
minimum elong	-10098 Jul 25 j 09:54	19°♉39'39	1°45'30	
min. Earth dist.	-10098 Jul 24 j 18:21	20°♉32'20	0.67108 AU	
morning rise	-10098 Jul 30 j 18:02	13°♉37'56		
asc. node	-10098 Jul 31 j 03:22	13°♉21'28		
direct	-10098 Aug 03 j 14:49	12°♉12'20		
morning max el	-10098 Aug 11 j 18:40	17°♉01'54	20°41'19	
	-10098 Aug 21 j 22:59	0°♊		
morning set	-10098 Sep 09 j 05:55	27°♊31'43		
	-10098 Sep 10 j 19:56	0°♋		
desc. node	-10098 Sep 15 j 18:15	7°♋46'49		
max. Earth dist.	-10098 Sep 19 j 01:08	13°♋03'08	1.43219 AU	
superior conj	-10098 Sep 25 j 03:14	23°♋01'53	-0°55'01	
minimum elong	-10098 Sep 24 j 22:33	22°♋42'22	0°53'55	
	-10098 Sep 29 j 06:37	0°♌		
evening rise	-10098 Oct 07 j 11:35	14°♌13'09		
	-10098 Oct 16 j 15:10	0°♍		
evening max el	-10098 Oct 24 j 14:53	11°♍01'06	18°08'40	
asc. node	-10098 Oct 27 j 02:30	13°♍07'21		
retrograde	-10098 Oct 31 j 06:50	14°♍33'21		
evening set	-10098 Nov 02 j 22:07	13°♍59'20		
inferior conj	-10098 Nov 09 j 11:42	8°♍44'28	3°33'36	
minimum elong	-10098 Nov 09 j 08:04	8°♍53'49	3°33'06	
min. Earth dist.	-10098 Nov 12 j 02:39	6°♍03'53	0.62552 AU	
morning rise	-10098 Nov 15 j 17:04	2°♍54'24		
direct	-10098 Nov 22 j 18:57	0°♍17'43		
morning max el	-10098 Dec 06 j 13:53	7°♍50'56	27°36'00	
desc. node	-10098 Dec 12 j 19:09	14°♍42'09		
	-10098 Dec 23 j 17:45	0°♎		
morning set	-10097 Jan 09 j 01:10	29°♎16'21		
	-10097 Jan 09 j 09:46	0°♏		
max. Earth dist.	-10097 Jan 14 j 18:07	11°♏11'41	1.33155 AU	
superior conj	-10097 Jan 16 j 11:08	14°♏52'29	-0°59'42	
minimum elong	-10097 Jan 16 j 13:15	15°♏03'50	0°59'44	
asc. node	-10097 Jan 23 j 00:20	28°♏58'44		
	-10097 Jan 23 j 11:58	0°♐		
evening rise	-10097 Jan 23 j 12:38	0°♐03'33		
	-10097 Feb 09 j 11:43	0°♑		
evening max el	-10097 Feb 17 j 01:35	8°♑46'59	24°02'11	
retrograde	-10097 Mar 02 j 18:19	15°♑34'31		
evening set	-10097 Mar 06 j 21:43	14°♑56'22		
desc. node	-10097 Mar 10 j 19:52	13°♑17'33		
min. Earth dist.	-10097 Mar 13 j 14:29	11°♑42'16	0.56366 AU	
inferior conj	-10097 Mar 15 j 20:14	10°♑18'55	-1°16'16	
minimum elong	-10097 Mar 15 j 17:18	10°♑23'29	1°15'59	
morning rise	-10097 Mar 24 j 15:50	6°♑13'19		
direct	-10097 Mar 26 j 21:06	6°♑00'19		
morning max el	-10097 Apr 05 j 19:14	10°♑40'13	19°46'59	
	-10097 Apr 18 j 22:42	0°♒		
asc. node	-10097 Apr 20 j 23:33	3°♒54'57		
morning set	-10097 Apr 23 j 10:19	8°♒46'27		
superior conj	-10097 May 01 j 12:18	25°♒02'36	1°25'54	
minimum elong	-10097 May 01 j 09:19	24°♒47'48	1°25'11	
	-10097 May 04 j 00:57	0°♓		
max. Earth dist.	-10097 May 07 j 00:10	5°♓40'34	1.37034 AU	
evening rise	-10097 May 11 j 00:59	13°♓06'58		
	-10097 May 20 j 22:03	0°♈		
desc. node	-10097 Jun 06 j 17:44	24°♈35'45		
	-10097 Jun 11 j 02:44	0°♉		
evening max el	-10097 Jun 15 j 22:18	5°♉14'23	25°32'25	
retrograde	-10097 Jun 28 j 01:04	12°♉18'38		
evening set	-10097 Jul 04 j 02:36	9°♉40'23		
min. Earth dist.	-10097 Jul 08 j 10:00	4°♉48'25	0.66623 AU	
inferior conj	-10097 Jul 09 j 11:30	3°♉25'18	-2°27'24	
minimum elong	-10097 Jul 09 j 14:02	3°♉17'03	2°26'24	
	-10097 Jul 12 j 06:00	30°℞♈		
morning rise	-10097 Jul 15 j 01:32	27°♈26'41		
asc. node	-10097 Jul 18 j 00:16	26°♈18'25		
direct	-10097 Jul 18 j 12:42	26°♈16'54		
	-10097 Jul 25 j 08:20	0°♉		
morning max el	-10097 Jul 25 j 20:58	0°♉31'44	19°37'14	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10097 Aug 15 j 12:44	0°♊	
morning set	-10097 Aug 19 j 10:00	6°♊03'53	
max. Earth dist.	-10097 Sep 01 j 14:43	26°♊49'42	1.44257 AU
desc. node	-10097 Sep 02 j 15:18	28°♊27'26	
	-10097 Sep 03 j 14:32	0°♋	
superior conj	-10097 Sep 04 j 22:35	2°♋08'09	-0°13'58
minimum elong	-10097 Sep 04 j 21:01	2°♋01'52	0°13'10
behind sun begin	-10097 Sep 04 j 14:25	1°♋35'26	
behind sun end	-10097 Sep 05 j 03:38	2°♋28'20	
evening rise	-10097 Sep 19 j 07:51	25°♋41'23	
	-10097 Sep 21 j 21:41	0°♌	
evening max el	-10097 Oct 08 j 04:19	24°♌24'57	18°24'54
asc. node	-10097 Oct 13 j 23:46	28°♌00'12	
retrograde	-10097 Oct 14 j 19:25	28°♌03'50	
evening set	-10097 Oct 17 j 15:09	27°♌20'47	
inferior conj	-10097 Oct 23 j 19:03	21°♌48'21	2°51'18
minimum elong	-10097 Oct 23 j 15:31	21°♌58'21	2°50'40
min. Earth dist.	-10097 Oct 25 j 20:53	19°♌27'08	0.64094 AU
morning rise	-10097 Oct 29 j 15:14	15°♌45'52	
direct	-10097 Nov 05 j 12:18	12°♌59'51	
morning max el	-10097 Nov 18 j 22:46	20°♌34'07	27°20'53
	-10097 Nov 27 j 05:18	0°♍	
desc. node	-10097 Nov 29 j 15:51	3°♍12'34	
	-10097 Dec 16 j 17:27	0°♎	
morning set	-10097 Dec 23 j 20:43	13°♎22'54	
max. Earth dist.	-10097 Dec 28 j 20:32	23°♎29'05	1.33892 AU
superior conj	-10097 Dec 31 j 18:17	29°♎35'27	-1°17'36
minimum elong	-10097 Dec 31 j 20:34	29°♎47'36	1°17'33
	-10097 Dec 31 j 22:55	0°♏	
evening rise	-10096 Jan 07 j 23:37	14°♏56'38	
asc. node	-10096 Jan 09 j 21:36	18°♏54'14	
	-10096 Jan 15 j 15:41	0°♐	
evening max el	-10096 Jan 29 j 20:00	19°♐39'13	22°28'21
retrograde	-10096 Feb 11 j 14:42	25°♐47'26	
evening set	-10096 Feb 14 j 19:22	25°♐25'04	
min. Earth dist.	-10096 Feb 23 j 05:54	21°♐39'44	0.55504 AU
inferior conj	-10096 Feb 23 j 23:29	21°♐14'29	0°27'05
minimum elong	-10096 Feb 24 j 00:39	21°♐12'49	0°26'08
desc. node	-10096 Feb 25 j 16:53	20°♐15'42	
morning rise	-10096 Mar 04 j 07:02	17°♐11'45	
direct	-10096 Mar 06 j 16:13	16°♐58'32	
morning max el	-10096 Mar 18 j 06:28	22°♐29'42	21°00'51
	-10096 Mar 24 j 14:35	0°♑	
morning set	-10096 Apr 06 j 17:09	23°♑27'10	
asc. node	-10096 Apr 06 j 20:29	23°♑44'13	
	-10096 Apr 09 j 21:05	0°♒	
superior conj	-10096 Apr 14 j 07:11	9°♒09'49	1°06'15
minimum elong	-10096 Apr 14 j 04:32	8°♒56'13	1°05'21
max. Earth dist.	-10096 Apr 18 j 09:55	17°♒28'24	1.35498 AU
evening rise	-10096 Apr 22 j 21:29	26°♒08'32	
	-10096 Apr 24 j 23:14	0°♓	
	-10096 May 13 j 07:24	0°♈	
desc. node	-10096 May 23 j 15:10	13°♈31'04	
evening max el	-10096 May 28 j 08:50	18°♈37'23	26°34'49
retrograde	-10096 Jun 10 j 06:43	26°♈00'31	
evening set	-10096 Jun 16 j 20:38	23°♈13'29	
min. Earth dist.	-10096 Jun 20 j 20:08	19°♈00'33	0.65769 AU
inferior conj	-10096 Jun 22 j 10:59	17°♈01'42	-3°01'18
minimum elong	-10096 Jun 22 j 13:32	16°♈53'54	3°00'39
morning rise	-10096 Jun 28 j 06:38	11°♈16'05	
direct	-10096 Jul 01 j 10:14	10°♈19'42	
asc. node	-10096 Jul 03 j 21:07	10°♈52'31	
morning max el	-10096 Jul 08 j 05:05	14°♈07'42	18°48'13
	-10096 Jul 19 j 16:21	0°♉	
morning set	-10096 Jul 29 j 07:48	15°♉27'07	
	-10096 Aug 07 j 10:04	0°♊	
superior conj	-10096 Aug 13 j 23:52	10°♊25'08	0°32'53
minimum elong	-10096 Aug 14 j 03:55	10°♊41'06	0°32'55
max. Earth dist.	-10096 Aug 14 j 07:18	10°♊54'29	1.44625 AU
desc. node	-10096 Aug 19 j 12:28	19°♊09'17	
	-10096 Aug 26 j 08:28	0°♋	
evening rise	-10096 Aug 30 j 02:39	5°♋59'50	
	-10096 Sep 14 j 10:39	0°♌	
evening max el	-10096 Sep 20 j 16:02	7°♌53'33	18°58'31
retrograde	-10096 Sep 27 j 13:16	11°♌47'28	
asc. node	-10096 Sep 29 j 20:57	11°♌16'38	
evening set	-10096 Sep 30 j 15:46	10°♌52'22	
inferior conj	-10096 Oct 06 j 11:35	5°♌05'18	2°02'34
minimum elong	-10096 Oct 06 j 08:51	5°♌13'42	2°02'07
min. Earth dist.	-10096 Oct 08 j 00:24	3°♌12'00	0.65333 AU
	-10096 Oct 10 j 20:51	30°℞♋	
morning rise	-10096 Oct 12 j 01:31	28°♋53'41	
direct	-10096 Oct 18 j 11:59	26°♋10'57	
	-10096 Oct 27 j 07:12	0°♌	
morning max el	-10096 Oct 31 j 08:46	3°♌37'11	26°36'10
desc. node	-10096 Nov 15 j 12:33	22°♌27'01	
	-10096 Nov 20 j 13:47	0°♍	
morning set	-10096 Dec 06 j 04:52	26°♍50'24	
	-10096 Dec 07 j 20:33	0°♎	
max. Earth dist.	-10096 Dec 10 j 12:36	5°♎13'42	1.35060 AU
superior conj	-10096 Dec 14 j 20:00	13°♎57'51	-1°31'38
minimum elong	-10096 Dec 14 j 21:58	14°♎08'00	1°31'33
evening rise	-10096 Dec 22 j 08:40	29°♎38'50	
	-10096 Dec 22 j 12:46	0°♏	
asc. node	-10096 Dec 26 j 18:54	8°♏31'58	
	-10095 Jan 09 j 23:49	0°♐	
evening max el	-10095 Jan 10 j 20:47	0°♐50'58	21°00'51
retrograde	-10095 Jan 22 j 04:36	6°♐10'47	
evening set	-10095 Jan 24 j 21:33	5°♐53'41	
inferior conj	-10095 Feb 02 j 20:25	1°♐55'10	2°12'10
minimum elong	-10095 Feb 03 j 01:32	1°♐47'47	2°10'12
min. Earth dist.	-10095 Feb 03 j 20:01	1°♐21'12	0.55514 AU
	-10095 Feb 06 j 06:31	30°℞♏	
desc. node	-10095 Feb 11 j 13:48	27°♏49'04	
morning rise	-10095 Feb 12 j 04:30	27°♏40'07	
direct	-10095 Feb 15 j 06:52	27°♏18'58	
	-10095 Feb 23 j 16:21	0°♐	
morning max el	-10095 Feb 28 j 06:35	3°♐39'06	22°30'25
	-10095 Mar 18 j 00:13	0°♑	
morning set	-10095 Mar 22 j 03:41	8°♑22'51	
asc. node	-10095 Mar 24 j 17:27	13°♑47'25	
superior conj	-10095 Mar 29 j 09:38	23°♑42'37	0°44'00
minimum elong	-10095 Mar 29 j 07:46	23°♑32'50	0°43'06
	-10095 Apr 01 j 09:51	0°♒	
max. Earth dist.	-10095 Apr 01 j 06:04	29°♑40'26	1.34308 AU
evening rise	-10095 Apr 06 j 08:14	9°♒55'30	
	-10095 Apr 17 j 09:50	0°♓	
	-10095 May 09 j 00:06	0°♈	
desc. node	-10095 May 10 j 12:33	1°♈33'04	
evening max el	-10095 May 10 j 19:51	1°♈50'59	27°14'58
retrograde	-10095 May 24 j 06:51	9°♈21'56	
evening set	-10095 May 31 j 05:01	6°♈36'55	
min. Earth dist.	-10095 Jun 03 j 22:35	3°♈00'37	0.64524 AU
inferior conj	-10095 Jun 06 j 03:54	0°♈31'02	-3°26'04
minimum elong	-10095 Jun 06 j 05:51	0°♈25'32	3°25'53
	-10095 Jun 06 j 14:58	30°℞♓	
morning rise	-10095 Jun 12 j 07:11	25°♓01'20	
direct	-10095 Jun 15 j 05:02	24°♓16'12	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10095 Jun 20 j 17:55	26°♓51'06		
morning max el	-10095 Jun 21 j 17:15	27°♓46'18	18°16'02	
	-10095 Jun 23 j 17:15	0°♈		
morning set	-10095 Jul 10 j 06:56	26°♈01'07		
	-10095 Jul 12 j 15:58	0°♉		
superior conj	-10095 Jul 24 j 04:12	18°♉52'42	1°13'34	
minimum elong	-10095 Jul 24 j 10:47	19°♉19'11	1°13'19	
max. Earth dist.	-10095 Jul 27 j 23:54	24°♉59'28	1.44276 AU	
	-10095 Jul 31 j 03:44	0°♊		
desc. node	-10095 Aug 06 j 09:43	9°♊48'55		
evening rise	-10095 Aug 09 j 19:10	15°♊06'32		
	-10095 Aug 19 j 10:28	0°♋		
greatest brilliancy	-10095 Aug 21 j 22:07	3°♋46'24	-0.7m	
evening max el	-10095 Sep 03 j 23:28	21°♋22'25	19°48'19	
retrograde	-10095 Sep 11 j 09:38	25°♋40'18		
evening set	-10095 Sep 14 j 21:12	24°♋29'52		
asc. node	-10095 Sep 16 j 18:03	22°♋55'42		
inferior conj	-10095 Sep 20 j 10:39	18°♋31'12	1°10'52	
minimum elong	-10095 Sep 20 j 09:02	18°♋36'29	1°10'48	
min. Earth dist.	-10095 Sep 21 j 11:28	17°♋10'02	0.66249 AU	
morning rise	-10095 Sep 25 j 20:36	12°♋13'50		
direct	-10095 Oct 01 j 17:17	9°♋43'19		
morning max el	-10095 Oct 13 j 18:29	16°♋49'58	25°29'25	
	-10095 Oct 24 j 19:31	0°♌		
desc. node	-10095 Nov 02 j 09:19	12°♌12'52		
	-10095 Nov 13 j 11:57	0°♍		
morning set	-10095 Nov 18 j 21:01	9°♍25'48		
max. Earth dist.	-10095 Nov 22 j 18:16	16°♍36'00	1.36648 AU	
superior conj	-10095 Nov 28 j 13:30	27°♍51'09	-1°40'21	
minimum elong	-10095 Nov 28 j 14:30	27°♍56'04	1°40'13	
	-10095 Nov 29 j 15:18	0°♎		
evening rise	-10095 Dec 06 j 13:54	14°♎04'37		
asc. node	-10095 Dec 13 j 16:12	27°♎45'07		
	-10095 Dec 14 j 23:09	0°♏		
evening max el	-10095 Dec 24 j 07:09	12°♏34'51	19°48'10	
retrograde	-10094 Jan 03 j 00:41	17°♏09'55		
evening set	-10094 Jan 05 j 13:43	16°♏52'34		
inferior conj	-10094 Jan 14 j 00:35	12°♏48'23	3°30'42	
minimum elong	-10094 Jan 14 j 05:47	12°♏40'11	3°29'21	
min. Earth dist.	-10094 Jan 16 j 09:29	11°♏19'05	0.56368 AU	
morning rise	-10094 Jan 22 j 19:48	8°♏09'53		
direct	-10094 Jan 27 j 03:36	7°♏28'08		
desc. node	-10094 Jan 29 j 10:38	7°♏40'11		
morning max el	-10094 Feb 09 j 23:02	14°♏23'04	24°07'34	
	-10094 Feb 22 j 02:50	0°♐		
morning set	-10094 Mar 06 j 16:00	23°♐27'00		
	-10094 Mar 09 j 17:57	0°♑		
asc. node	-10094 Mar 11 j 14:30	3°♑59'58		
superior conj	-10094 Mar 13 j 17:10	8°♑33'14	0°20'31	
minimum elong	-10094 Mar 13 j 16:18	8°♑28'36	0°19'45	
max. Earth dist.	-10094 Mar 15 j 11:21	12°♑19'22	1.33466 AU	
evening rise	-10094 Mar 21 j 05:03	24°♑14'56		
	-10094 Mar 24 j 03:00	0°♒		
	-10094 Apr 11 j 00:54	0°♓		
evening max el	-10094 Apr 23 j 05:24	14°♓43'07	27°26'15	
desc. node	-10094 Apr 27 j 09:51	18°♓19'51		
retrograde	-10094 May 07 j 00:53	22°♓14'58		
evening set	-10094 May 14 j 00:31	19°♓44'58		
min. Earth dist.	-10094 May 17 j 15:54	16°♓37'53	0.62906 AU	
inferior conj	-10094 May 20 j 11:25	13°♓48'04	-3°38'24	
minimum elong	-10094 May 20 j 12:04	13°♓46'27	3°38'36	
morning rise	-10094 May 27 j 00:42	8°♓36'44		
direct	-10094 May 29 j 18:02	8°♓01'13		
morning max el	-10094 Jun 05 j 07:13	11°♓23'34	18°01'44	
asc. node	-10094 Jun 07 j 14:43	13°♓58'46		
	-10094 Jun 17 j 20:31	0°♈		
morning set	-10094 Jun 22 j 06:03	7°♈42'51		
superior conj	-10094 Jul 04 j 06:26	28°♈25'17	1°39'27	
minimum elong	-10094 Jul 04 j 10:50	28°♈43'38	1°39'24	
	-10094 Jul 05 j 05:09	0°♉		
max. Earth dist.	-10094 Jul 10 j 13:15	8°♉45'44	1.43266 AU	
evening rise	-10094 Jul 19 j 20:17	23°♉30'40		
desc. node	-10094 Jul 24 j 07:00	0°♊22'49		
	-10094 Jul 24 j 01:03	0°♊		
	-10094 Aug 13 j 20:10	0°♋		
evening max el	-10094 Aug 18 j 00:36	4°♋47'58	20°52'23	
retrograde	-10094 Aug 26 j 06:20	9°♋38'39		
evening set	-10094 Aug 30 j 05:06	8°♋09'54		
asc. node	-10094 Sep 03 j 15:06	3°♋19'55		
inferior conj	-10094 Sep 04 j 13:59	2°♋02'42	0°18'32	
minimum elong	-10094 Sep 04 j 13:33	2°♋04'10	0°18'57	
min. Earth dist.	-10094 Sep 05 j 03:51	1°♋15'32	0.66862 AU	
	-10094 Sep 06 j 02:22	30°℞♊		
morning rise	-10094 Sep 09 j 21:51	25°♊43'02		
direct	-10094 Sep 15 j 03:48	23°♊29'41		
morning max el	-10094 Sep 26 j 04:08	0°♋05'11	24°09'18	
	-10094 Sep 26 j 02:05	0°♋		
	-10094 Oct 18 j 17:32	0°♌		
desc. node	-10094 Oct 20 j 06:05	2°♌20'16		
morning set	-10094 Oct 31 j 15:36	20°♌53'36		
max. Earth dist.	-10094 Nov 04 j 17:12	28°♌00'30	1.38549 AU	
	-10094 Nov 05 j 19:51	0°♍		
superior conj	-10094 Nov 11 j 19:02	11°♍03'34	-1°41'48	
minimum elong	-10094 Nov 11 j 18:19	11°♍00'09	1°41'32	
evening rise	-10094 Nov 20 j 13:04	28°♍06'44		
	-10094 Nov 21 j 12:12	0°♎		
asc. node	-10094 Nov 30 j 13:31	16°♎24'23		
evening max el	-10094 Dec 07 j 03:28	24°♎51'47	18°54'31	
retrograde	-10094 Dec 15 j 12:22	28°♎53'11		
evening set	-10094 Dec 18 j 00:20	28°♎33'09		
inferior conj	-10094 Dec 25 j 21:29	24°♎12'25	4°09'52	
minimum elong	-10094 Dec 25 j 23:30	24°♎08'45	4°09'33	
min. Earth dist.	-10094 Dec 29 j 00:16	21°♎58'07	0.57860 AU	
morning rise	-10093 Jan 02 j 20:35	19°♎08'48		
direct	-10093 Jan 08 j 11:51	17°♎52'49		
desc. node	-10093 Jan 16 j 07:25	20°♎14'16		
morning max el	-10093 Jan 22 j 14:10	25°♎07'24	25°38'58	
	-10093 Jan 27 j 03:07	0°♏		
	-10093 Feb 14 j 23:40	0°♐		
morning set	-10093 Feb 19 j 04:17	8°♐32'05		
superior conj	-10093 Feb 26 j 03:43	23°♐33'50	-0°03'14	
minimum elong	-10093 Feb 26 j 03:52	23°♐34'42	0°03'47	
behind sun begin	-10093 Feb 25 j 22:58	23°♐08'01		
behind sun end	-10093 Feb 26 j 08:46	24°♐01'23		
asc. node	-10093 Feb 26 j 11:36	24°♐16'45		
max. Earth dist.	-10093 Feb 26 j 22:30	25°♐16'01	1.32952 AU	
	-10093 Mar 01 j 03:01	0°♑		
evening rise	-10093 Mar 05 j 08:44	8°♑55'36		
	-10093 Mar 16 j 13:01	0°♒		
evening max el	-10093 Apr 05 j 11:05	27°♒02'40	27°05'14	
	-10093 Apr 08 j 20:01	0°♓		
desc. node	-10093 Apr 14 j 07:04	3°♓21'49		
retrograde	-10093 Apr 19 j 12:05	4°♓31'19		
evening set	-10093 Apr 26 j 03:41	2°♓29'13		
	-10093 Apr 29 j 13:51	30°℞♒		
min. Earth dist.	-10093 Apr 30 j 00:07	29°♒38'28	0.60996 AU	
inferior conj	-10093 May 03 j 06:15	26°♒45'39	-3°33'26	
minimum elong	-10093 May 03 j 04:53	26°♒48'41	3°33'42	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10093 May 10 j 08:07	21°♒54'21	
direct	-10093 May 12 j 21:34	21°♒27'10	
morning max el	-10093 May 19 j 20:25	24°♒53'24	18°06'05
	-10093 May 24 j 02:33	0°♓	
asc. node	-10093 May 25 j 11:34	2°♓00'53	
morning set	-10093 Jun 05 j 00:42	20°♓22'19	
	-10093 Jun 10 j 06:48	0°♈	
superior conj	-10093 Jun 15 j 12:04	9°♈19'51	1°49'30
minimum elong	-10093 Jun 15 j 12:53	9°♈23'28	1°49'30
max. Earth dist.	-10093 Jun 22 j 20:39	21°♈55'53	1.41741 AU
	-10093 Jun 27 j 18:39	0°♉	
evening rise	-10093 Jun 29 j 04:03	2°♉14'16	
desc. node	-10093 Jul 11 j 04:20	20°♉47'14	
	-10093 Jul 17 j 11:59	0°♊	
evening max el	-10093 Jul 31 j 18:51	18°♊09'58	22°07'38
retrograde	-10093 Aug 10 j 01:38	23°♊40'15	
evening set	-10093 Aug 14 j 13:30	21°♊51'03	
inferior conj	-10093 Aug 19 j 19:42	15°♊38'21	-0°32'30
minimum elong	-10093 Aug 19 j 20:24	15°♊35'59	0°31'41
min. Earth dist.	-10093 Aug 19 j 23:12	15°♊26'15	0.67188 AU
asc. node	-10093 Aug 21 j 12:06	13°♊20'46	
morning rise	-10093 Aug 25 j 03:10	9°♊20'01	
direct	-10093 Aug 29 j 19:02	7°♊25'33	
morning max el	-10093 Sep 08 j 15:36	13°♊21'08	22°44'46
	-10093 Sep 21 j 21:43	0°♋	
desc. node	-10093 Oct 07 j 02:57	22°♋42'55	
	-10093 Oct 11 j 16:19	0°♌	
morning set	-10093 Oct 12 j 07:56	1°♌03'32	
max. Earth dist.	-10093 Oct 17 j 15:58	9°♌56'42	1.40544 AU
superior conj	-10093 Oct 25 j 07:49	23°♌22'27	-1°33'33
minimum elong	-10093 Oct 25 j 04:52	23°♌09'11	1°32'59
	-10093 Oct 28 j 22:40	0°♍	
evening rise	-10093 Nov 04 j 03:23	11°♍38'26	
	-10093 Nov 14 j 10:25	0°♎	
asc. node	-10093 Nov 17 j 10:48	4°♎19'05	
evening max el	-10093 Nov 20 j 08:13	7°♎37'17	18°21'09
retrograde	-10093 Nov 27 j 17:44	11°♎18'02	
evening set	-10093 Nov 30 j 05:57	10°♎53'46	
inferior conj	-10093 Dec 07 j 13:54	6°♎12'05	4°13'53
minimum elong	-10093 Dec 07 j 12:35	6°♎14'49	4°13'50
min. Earth dist.	-10093 Dec 10 j 19:25	3°♎31'15	0.59689 AU
morning rise	-10093 Dec 14 j 17:33	0°♎47'40	
	-10093 Dec 16 j 07:16	30°℞♍	
direct	-10093 Dec 21 j 07:54	28°♍53'04	
	-10093 Dec 26 j 12:09	0°♎	
desc. node	-10092 Jan 03 j 04:11	5°♎09'19	
morning max el	-10092 Jan 04 j 09:33	6°♎17'40	26°49'39
	-10092 Jan 22 j 03:14	0°♏	
morning set	-10092 Feb 03 j 14:45	23°♏31'15	
	-10092 Feb 06 j 16:10	0°♐	
superior conj	-10092 Feb 10 j 15:31	8°♐37'56	-0°26'22
minimum elong	-10092 Feb 10 j 16:36	8°♐43'53	0°26'39
max. Earth dist.	-10092 Feb 10 j 11:57	8°♐18'26	1.32763 AU
asc. node	-10092 Feb 13 j 08:45	14°♐33'32	
evening rise	-10092 Feb 17 j 16:54	23°♐49'02	
	-10092 Feb 20 j 17:36	0°♑	
	-10092 Mar 09 j 19:14	0°♒	
evening max el	-10092 Mar 17 j 11:25	8°♒44'30	26°12'30
desc. node	-10092 Mar 31 j 04:15	16°♒04'02	
retrograde	-10092 Mar 31 j 14:40	16°♒04'30	
evening set	-10092 Apr 06 j 11:46	14°♒38'15	
min. Earth dist.	-10092 Apr 11 j 00:44	11°♒48'29	0.58994 AU
inferior conj	-10092 Apr 14 j 08:43	9°♒14'57	-3°04'32
minimum elong	-10092 Apr 14 j 05:19	9°♒21'32	3°04'26
morning rise	-10092 Apr 22 j 01:48	4°♒43'43	
direct	-10092 Apr 24 j 11:29	4°♒23'33	
morning max el	-10092 May 02 j 05:58	8°♒07'02	18°29'39
asc. node	-10092 May 11 j 08:25	20°♒44'36	
	-10092 May 16 j 10:14	0°♓	
morning set	-10092 May 18 j 10:09	3°♓48'04	
superior conj	-10092 May 27 j 17:33	21°♓26'50	1°46'52
minimum elong	-10092 May 27 j 15:50	21°♓18'54	1°46'39
	-10092 Jun 01 j 10:44	0°♈	
max. Earth dist.	-10092 Jun 03 j 22:34	4°♈23'04	1.39921 AU
evening rise	-10092 Jun 08 j 11:43	12°♈08'23	
	-10092 Jun 19 j 16:06	0°♉	
desc. node	-10092 Jun 27 j 01:42	10°♉56'52	
	-10092 Jul 11 j 20:51	0°♊	
evening max el	-10092 Jul 13 j 07:38	1°♊30'32	23°29'07
retrograde	-10092 Jul 23 j 18:07	7°♊41'44	
evening set	-10092 Jul 28 j 20:29	5°♊31'37	
	-10092 Aug 02 j 13:16	30°℞♉	
inferior conj	-10092 Aug 03 j 02:01	29°♉16'12	-1°20'43
minimum elong	-10092 Aug 03 j 03:39	29°♉10'35	1°19'39
min. Earth dist.	-10092 Aug 02 j 19:01	29°♉40'18	0.67225 AU
asc. node	-10092 Aug 07 j 09:05	23°♉58'59	
morning rise	-10092 Aug 08 j 10:44	23°♉02'49	
direct	-10092 Aug 12 j 14:00	21°♉26'58	
morning max el	-10092 Aug 21 j 07:32	26°♉39'46	21°23'44
	-10092 Aug 24 j 07:20	0°♊	
	-10092 Sep 14 j 11:41	0°♋	
morning set	-10092 Sep 20 j 22:44	10°♋01'02	
desc. node	-10092 Sep 22 j 23:54	13°♋15'22	
max. Earth dist.	-10092 Sep 28 j 20:03	22°♋40'47	1.42359 AU
	-10092 Oct 03 j 05:48	0°♌	
superior conj	-10092 Oct 05 j 22:03	4°♌32'44	-1°13'03
minimum elong	-10092 Oct 05 j 17:21	4°♌12'39	1°12'04
evening rise	-10092 Oct 17 j 05:09	24°♌30'47	
	-10092 Oct 20 j 06:09	0°♍	
evening max el	-10092 Nov 02 j 18:42	20°♍43'34	18°07'47
asc. node	-10092 Nov 03 j 08:04	21°♍15'47	
retrograde	-10092 Nov 09 j 14:25	24°♍15'38	
evening set	-10092 Nov 12 j 04:12	23°♍45'37	
inferior conj	-10092 Nov 19 j 00:05	18°♍42'29	3°53'08
minimum elong	-10092 Nov 18 j 20:52	18°♍50'11	3°52'47
min. Earth dist.	-10092 Nov 21 j 21:56	15°♍56'34	0.61552 AU
morning rise	-10092 Nov 25 j 12:23	13°♍01'14	
direct	-10092 Dec 02 j 13:30	10°♍35'58	
morning max el	-10092 Dec 16 j 11:13	18°♍06'19	27°29'10
desc. node	-10092 Dec 20 j 00:56	21°♍50'51	
	-10092 Dec 26 j 13:40	0°♎	
	-10091 Jan 13 j 17:35	0°♏	
morning set	-10091 Jan 17 j 21:26	8°♏17'24	
max. Earth dist.	-10091 Jan 24 j 00:13	21°♏14'26	1.32909 AU
superior conj	-10091 Jan 25 j 02:56	23°♏39'32	-0°48'07
minimum elong	-10091 Jan 25 j 04:45	23°♏49'25	0°48'13
	-10091 Jan 28 j 00:53	0°♐	
asc. node	-10091 Jan 30 j 05:57	4°♐46'16	
evening rise	-10091 Feb 01 j 03:34	8°♐48'13	
	-10091 Feb 12 j 06:49	0°♑	
evening max el	-10091 Feb 27 j 06:47	19°♑53'39	24°54'21
retrograde	-10091 Mar 13 j 06:04	26°♑55'57	
evening set	-10091 Mar 18 j 01:07	26°♑03'18	
desc. node	-10091 Mar 18 j 01:23	26°♑03'04	
min. Earth dist.	-10091 Mar 23 j 20:02	23°♑01'24	0.57193 AU
inferior conj	-10091 Mar 26 j 15:57	21°♑08'23	-2°05'11
minimum elong	-10091 Mar 26 j 11:59	21°♑15'03	2°04'43
morning rise	-10091 Apr 04 j 02:00	16°♑54'53	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-10091 Apr 06 j 08:22	16°♉39'55	
morning max el	-10091 Apr 15 j 08:53	20°♉55'11	19°12'59
	-10091 Apr 22 j 11:51	0°♒	
asc. node	-10091 Apr 28 j 05:19	10°♒00'16	
morning set	-10091 May 02 j 06:23	17°♒50'30	
	-10091 May 08 j 09:39	0°♓	
superior conj	-10091 May 10 j 17:22	4°♓31'46	1°35'20
minimum elong	-10091 May 10 j 14:31	4°♓17'59	1°34'47
max. Earth dist.	-10091 May 16 j 23:17	16°♓17'48	1.38054 AU
evening rise	-10091 May 20 j 22:46	23°♓25'38	
	-10091 May 24 j 18:22	0°♈	
	-10091 Jun 13 j 09:41	0°♉	
desc. node	-10091 Jun 13 j 23:05	0°♉45'25	
evening max el	-10091 Jun 25 j 17:49	14°♉53'15	24°49'41
retrograde	-10091 Jul 07 j 06:48	21°♉40'11	
evening set	-10091 Jul 13 j 00:10	19°♉10'55	
min. Earth dist.	-10091 Jul 17 j 12:51	13°♉56'37	0.66949 AU
inferior conj	-10091 Jul 18 j 07:12	12°♉55'17	-2°04'39
minimum elong	-10091 Jul 18 j 09:30	12°♉47'34	2°03'33
morning rise	-10091 Jul 23 j 18:48	6°♉50'22	
asc. node	-10091 Jul 25 j 06:02	5°♉59'54	
direct	-10091 Jul 27 j 11:21	5°♉31'34	
morning max el	-10091 Aug 04 j 05:56	10°♉05'10	20°12'18
	-10091 Aug 19 j 00:02	0°♊	
morning set	-10091 Aug 31 j 00:46	18°♊25'41	
	-10091 Sep 07 j 09:59	0°♋	
desc. node	-10091 Sep 09 j 20:53	3°♋53'53	
max. Earth dist.	-10091 Sep 11 j 07:05	6°♋10'28	1.43740 AU
superior conj	-10091 Sep 16 j 08:58	14°♋23'16	-0°38'54
minimum elong	-10091 Sep 16 j 05:05	14°♋07'25	0°37'51
	-10091 Sep 25 j 17:42	0°♌	
evening rise	-10091 Sep 29 j 13:43	6°♌33'26	
	-10091 Oct 13 j 22:45	0°♍	
evening max el	-10091 Oct 17 j 07:54	4°♍02'50	18°13'27
asc. node	-10091 Oct 21 j 05:20	6°♍58'40	
retrograde	-10091 Oct 23 j 22:25	7°♍36'35	
evening set	-10091 Oct 26 j 15:27	6°♍58'52	
inferior conj	-10091 Nov 02 j 00:42	1°♍36'04	3°16'44
minimum elong	-10091 Nov 01 j 20:59	1°♍46'00	3°16'08
	-10091 Nov 03 j 12:23	30°℞♌	
min. Earth dist.	-10091 Nov 04 j 10:05	29°♌02'39	0.63241 AU
morning rise	-10091 Nov 08 j 01:46	25°♌40'39	
direct	-10091 Nov 15 j 02:36	22°♌58'29	
	-10091 Nov 28 j 04:50	0°♍	
morning max el	-10091 Nov 28 j 18:10	0°♍32'04	27°33'42
desc. node	-10091 Dec 06 j 21:39	9°♍48'13	
	-10091 Dec 20 j 13:09	0°♎	
morning set	-10090 Jan 01 j 21:52	22°♎41'10	
	-10090 Jan 05 j 11:42	0°♏	
max. Earth dist.	-10090 Jan 07 j 07:26	3°♏49'52	1.33420 AU
superior conj	-10090 Jan 09 j 12:10	8°♏31'12	-1°07'41
minimum elong	-10090 Jan 09 j 14:24	8°♏43'12	1°07'40
evening rise	-10090 Jan 16 j 14:54	23°♏45'30	
asc. node	-10090 Jan 17 j 03:11	24°♏49'41	
	-10090 Jan 19 j 15:46	0°♐	
	-10090 Feb 08 j 05:24	0°♑	
evening max el	-10090 Feb 08 j 23:57	0°♑44'53	23°22'13
retrograde	-10090 Feb 22 j 08:37	7°♑16'50	
evening set	-10090 Feb 26 j 01:32	6°♑46'47	
desc. node	-10090 Mar 04 j 22:28	3°♑41'15	
min. Earth dist.	-10090 Mar 05 j 12:03	3°♑21'24	0.55910 AU
inferior conj	-10090 Mar 07 j 03:52	2°♑22'17	-0°34'34
minimum elong	-10090 Mar 07 j 02:24	2°♑24'28	0°34'40
	-10090 Mar 11 j 10:15	30°℞♐	
morning rise	-10090 Mar 16 j 05:33	28°♐19'44	
direct	-10090 Mar 18 j 11:32	28°♐07'10	
	-10090 Mar 25 j 00:03	0°♑	
morning max el	-10090 Mar 29 j 02:22	3°♑07'38	20°16'06
asc. node	-10090 Apr 15 j 02:14	29°♑39'07	
	-10090 Apr 15 j 06:24	0°♒	
morning set	-10090 Apr 16 j 10:06	2°♒19'36	
superior conj	-10090 Apr 24 j 06:26	18°♒19'38	1°17'59
minimum elong	-10090 Apr 24 j 03:31	18°♒04'56	1°17'10
max. Earth dist.	-10090 Apr 29 j 04:22	28°♒01'10	1.36350 AU
	-10090 Apr 30 j 05:11	0°♓	
evening rise	-10090 May 03 j 08:41	5°♓53'31	
	-10090 May 17 j 14:18	0°♈	
desc. node	-10090 May 31 j 20:29	20°♈03'39	
evening max el	-10090 Jun 08 j 03:49	28°♈17'15	26°01'07
	-10090 Jun 09 j 23:16	0°♉	
retrograde	-10090 Jun 20 j 15:06	5°♉30'18	
evening set	-10090 Jun 26 j 22:26	2°♉47'07	
	-10090 Jun 29 j 14:58	30°℞♈	
min. Earth dist.	-10090 Jul 01 j 02:19	28°♈12'01	0.66314 AU
inferior conj	-10090 Jul 02 j 09:21	26°♈33'24	-2°42'45
minimum elong	-10090 Jul 02 j 11:57	26°♈25'08	2°41'52
morning rise	-10090 Jul 08 j 01:32	20°♈40'10	
direct	-10090 Jul 11 j 09:20	19°♈36'18	
asc. node	-10090 Jul 12 j 02:54	19°♈39'19	
morning max el	-10090 Jul 18 j 10:56	23°♈38'12	19°14'26
	-10090 Jul 23 j 15:49	0°♉	
morning set	-10090 Aug 10 j 10:44	27°♉15'43	
	-10090 Aug 12 j 04:22	0°♊	
max. Earth dist.	-10090 Aug 24 j 22:54	20°♊09'26	1.44501 AU
superior conj	-10090 Aug 26 j 18:35	23°♊02'34	0°05'55
minimum elong	-10090 Aug 26 j 19:22	23°♊05'44	0°06'23
behind sun begin	-10090 Aug 26 j 08:51	22°♊24'00	
behind sun end	-10090 Aug 27 j 05:53	23°♊47'29	
desc. node	-10090 Aug 27 j 17:58	24°♊35'28	
	-10090 Aug 31 j 03:23	0°♋	
evening rise	-10090 Sep 10 j 23:43	17°♋33'54	
	-10090 Sep 18 j 14:11	0°♌	
evening max el	-10090 Sep 30 j 20:54	17°♌29'18	18°37'08
retrograde	-10090 Oct 07 j 13:45	21°♌13'42	
asc. node	-10090 Oct 08 j 02:33	21°♌12'06	
evening set	-10090 Oct 10 j 12:06	20°♌25'49	
inferior conj	-10090 Oct 16 j 12:19	14°♌46'28	2°31'11
minimum elong	-10090 Oct 16 j 09:04	14°♌56'01	2°30'37
min. Earth dist.	-10090 Oct 18 j 08:24	12°♌36'39	0.64652 AU
morning rise	-10090 Oct 22 j 05:31	8°♌39'39	
direct	-10090 Oct 28 j 22:28	5°♌54'03	
morning max el	-10090 Nov 11 j 03:59	13°♌25'58	27°05'17
desc. node	-10090 Nov 23 j 18:21	28°♌39'21	
	-10090 Nov 24 j 17:19	0°♍	
	-10090 Dec 13 j 02:07	0°♎	
morning set	-10090 Dec 16 j 13:03	6°♎32'43	
max. Earth dist.	-10090 Dec 21 j 06:01	15°♎54'52	1.34335 AU
superior conj	-10090 Dec 24 j 17:16	23°♎06'15	-1°24'06
minimum elong	-10090 Dec 24 j 19:29	23°♎17'56	1°24'02
	-10090 Dec 27 j 23:35	0°♏	
evening rise	-10089 Jan 01 j 01:16	8°♏34'51	
asc. node	-10089 Jan 04 j 00:26	14°♏38'31	
	-10089 Jan 12 j 13:09	0°♐	
evening max el	-10089 Jan 21 j 20:18	11°♐42'22	21°49'42
retrograde	-10089 Feb 03 j 01:16	17°♐31'00	
evening set	-10089 Feb 05 j 23:47	17°♐11'43	
inferior conj	-10089 Feb 15 j 02:46	13°♐08'03	1°13'16
minimum elong	-10089 Feb 15 j 05:55	13°♐03'36	1°11'43

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10089 Feb 15 j 02:35	13°♐08'20	0.55402 AU	
desc. node	-10089 Feb 19 j 19:27	10°♐37'53		
morning rise	-10089 Feb 24 j 12:20	9°♐02'22		
direct	-10089 Feb 27 j 02:52	8°♐47'07		
morning max el	-10089 Mar 11 j 08:47	14°♐39'38	21°37'22	
	-10089 Mar 22 j 19:42	0°♑		
morning set	-10089 Mar 31 j 18:44	17°♑07'35		
asc. node	-10089 Apr 01 j 23:10	19°♑34'59		
	-10089 Apr 06 j 22:23	0°♒		
superior conj	-10089 Apr 08 j 04:53	2°♒39'01	0°57'03	
minimum elong	-10089 Apr 08 j 02:32	2°♒26'49	0°56'08	
max. Earth dist.	-10089 Apr 11 j 18:24	9°♒57'39	1.34951 AU	
evening rise	-10089 Apr 16 j 11:47	19°♒15'53		
	-10089 Apr 22 j 07:19	0°♓		
	-10089 May 11 j 15:05	0°♈		
desc. node	-10089 May 18 j 17:54	8°♈38'26		
evening max el	-10089 May 21 j 14:28	11°♈36'42	26°54'55	
retrograde	-10089 Jun 03 j 18:31	19°♈04'41		
evening set	-10089 Jun 10 j 12:43	16°♈16'37		
min. Earth dist.	-10089 Jun 14 j 09:15	12°♈20'10	0.65290 AU	
inferior conj	-10089 Jun 16 j 06:18	10°♈07'01	-3°13'08	
minimum elong	-10089 Jun 16 j 08:41	9°♈59'58	3°12'40	
morning rise	-10089 Jun 22 j 04:59	4°♈28'10		
direct	-10089 Jun 25 j 05:53	3°♈36'57		
asc. node	-10089 Jun 28 j 23:43	4°♈51'05		
morning max el	-10089 Jul 01 j 21:06	7°♈16'07	18°32'24	
	-10089 Jul 17 j 10:29	0°♉		
morning set	-10089 Jul 21 j 18:58	7°♉07'59		
	-10089 Aug 04 j 23:10	0°♊		
superior conj	-10089 Aug 05 j 18:13	1°♊15'40	0°51'36	
minimum elong	-10089 Aug 05 j 24:00	1°♊38'33	0°51'26	
max. Earth dist.	-10089 Aug 07 j 15:50	4°♊16'25	1.44557 AU	
desc. node	-10089 Aug 14 j 15:09	15°♊16'36		
evening rise	-10089 Aug 22 j 06:55	27°♊20'39		
	-10089 Aug 23 j 23:21	0°♋		
	-10089 Sep 13 j 09:23	0°♌		
evening max el	-10089 Sep 14 j 06:58	0°♌57'45	19°17'49	
retrograde	-10089 Sep 21 j 09:03	5°♌01'16		
evening set	-10089 Sep 24 j 15:02	4°♌00'09		
asc. node	-10089 Sep 24 j 23:42	3°♌45'55		
	-10089 Sep 28 j 19:46	30°℞♋		
inferior conj	-10089 Sep 30 j 07:55	28°♋07'38	1°40'50	
minimum elong	-10089 Sep 30 j 05:38	28°♋14'51	1°40'32	
min. Earth dist.	-10089 Oct 01 j 15:29	26°♋27'34	0.65754 AU	
morning rise	-10089 Oct 05 j 19:52	21°♋52'51		
direct	-10089 Oct 12 j 00:34	19°♋14'28		
morning max el	-10089 Oct 24 j 14:07	26°♋34'46	26°10'00	
	-10089 Oct 27 j 19:29	0°♌		
desc. node	-10089 Nov 10 j 15:04	18°♌08'06		
	-10089 Nov 18 j 07:18	0°♍		
morning set	-10089 Nov 29 j 14:59	19°♍39'32		
max. Earth dist.	-10089 Dec 03 j 17:21	27°♍26'57	1.35682 AU	
	-10089 Dec 05 j 00:38	0°♎		
superior conj	-10089 Dec 08 j 15:48	7°♎16'43	-1°36'05	
minimum elong	-10089 Dec 08 j 17:27	7°♎25'03	1°36'00	
evening rise	-10089 Dec 16 j 08:53	23°♎10'06		
	-10089 Dec 19 j 18:25	0°♏		
asc. node	-10089 Dec 21 j 21:44	4°♏06'26		
evening max el	-10088 Jan 04 j 00:49	23°♏06'20	20°27'49	
retrograde	-10088 Jan 14 j 16:35	28°♏06'28		
evening set	-10088 Jan 17 j 06:55	27°♏49'54		
inferior conj	-10088 Jan 26 j 01:10	23°♏50'48	2°49'59	
minimum elong	-10088 Jan 26 j 06:52	23°♏42'20	2°48'07	
min. Earth dist.	-10088 Jan 27 j 16:32	22°♏52'24	0.55775 AU	
morning rise	-10088 Feb 04 j 05:09	19°♏26'13		
desc. node	-10088 Feb 06 j 16:20	19°♏00'56		
direct	-10088 Feb 07 j 18:44	18°♏58'13		
morning max el	-10088 Feb 21 j 05:07	25°♏36'01	23°11'33	
	-10088 Feb 25 j 07:06	0°♐		
	-10088 Mar 14 j 05:38	0°♑		
morning set	-10088 Mar 15 j 06:15	2°♑07'46		
asc. node	-10088 Mar 18 j 20:10	9°♑42'54		
superior conj	-10088 Mar 22 j 09:47	17°♑20'48	0°34'09	
minimum elong	-10088 Mar 22 j 08:20	17°♑13'05	0°33'17	
max. Earth dist.	-10088 Mar 24 j 18:29	22°♑20'43	1.33903 AU	
	-10088 Mar 28 j 11:35	0°♒		
evening rise	-10088 Mar 30 j 03:15	3°♒18'29		
	-10088 Apr 14 j 02:49	0°♓		
evening max el	-10088 May 03 j 01:02	24°♓42'50	27°23'34	
desc. node	-10088 May 04 j 15:14	26°♓12'05		
	-10088 May 09 j 15:42	0°♈		
retrograde	-10088 May 16 j 16:28	2°♈15'44		
	-10088 May 23 j 02:44	30°℞♓		
evening set	-10088 May 23 j 16:07	29°♓35'20		
min. Earth dist.	-10088 May 27 j 08:03	26°♓12'37	0.63875 AU	
inferior conj	-10088 May 29 j 19:38	23°♓32'30	-3°33'08	
minimum elong	-10088 May 29 j 21:07	23°♓28'29	3°33'07	
morning rise	-10088 Jun 05 j 02:53	18°♓10'24		
direct	-10088 Jun 07 j 22:33	17°♓29'44		
morning max el	-10088 Jun 14 j 10:24	20°♓55'34	18°07'40	
asc. node	-10088 Jun 14 j 20:31	21°♓21'26		
	-10088 Jun 21 j 07:38	0°♈		
morning set	-10088 Jul 02 j 04:49	18°♈12'13		
	-10088 Jul 09 j 03:37	0°♉		
superior conj	-10088 Jul 15 j 06:28	10°♉07'20	1°26'34	
minimum elong	-10088 Jul 15 j 12:32	10°♉32'05	1°26'23	
max. Earth dist.	-10088 Jul 20 j 06:50	18°♉13'43	1.43919 AU	
	-10088 Jul 27 j 17:26	0°♊		
evening rise	-10088 Jul 31 j 14:41	6°♊03'13		
desc. node	-10088 Jul 31 j 12:24	5°♊54'20		
	-10088 Aug 16 j 09:33	0°♋		
evening max el	-10088 Aug 27 j 11:54	14°♋25'31	20°13'59	
retrograde	-10088 Sep 04 j 05:47	18°♋56'31		
evening set	-10088 Sep 07 j 21:46	17°♋38'50		
asc. node	-10088 Sep 10 j 20:46	14°♋48'38		
inferior conj	-10088 Sep 13 j 09:04	11°♋36'20	0°48'37	
minimum elong	-10088 Sep 13 j 07:57	11°♋40'03	0°48'45	
min. Earth dist.	-10088 Sep 14 j 05:13	10°♋29'09	0.66549 AU	
morning rise	-10088 Sep 18 j 17:54	5°♋17'22		
direct	-10088 Sep 24 j 08:23	2°♋53'27		
morning max el	-10088 Oct 05 j 23:32	9°♋48'38	24°56'15	
	-10088 Oct 22 j 00:59	0°♌		
desc. node	-10088 Oct 27 j 11:50	8°♌03'50		
	-10088 Nov 09 j 22:08	0°♍		
morning set	-10088 Nov 10 j 22:37	1°♍47'36		
max. Earth dist.	-10088 Nov 14 j 18:52	8°♍43'34	1.37426 AU	
superior conj	-10088 Nov 21 j 04:42	20°♍53'44	-1°42'00	
minimum elong	-10088 Nov 21 j 05:03	20°♍55'27	1°41'50	
	-10088 Nov 25 j 18:54	0°♎		
evening rise	-10088 Nov 29 j 11:48	7°♎25'56		
asc. node	-10088 Dec 07 j 19:02	23°♎05'58		
	-10088 Dec 12 j 06:32	0°♏		
evening max el	-10088 Dec 16 j 15:35	5°♏04'38	19°22'57	
retrograde	-10088 Dec 25 j 18:06	9°♏23'18		
evening set	-10088 Dec 28 j 06:32	9°♏05'02		
inferior conj	-10087 Jan 05 j 11:37	4°♏55'10	3°52'10	
minimum elong	-10087 Jan 05 j 15:41	4°♏48'24	3°51'19	
min. Earth dist.	-10087 Jan 08 j 06:27	3°♏04'35	0.56938 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10087 Jan 13 j 22:36	0°♏05'35	
	-10087 Jan 14 j 04:49	30°℞♎	
direct	-10087 Jan 18 j 20:31	29°♎10'14	
	-10087 Jan 23 j 11:42	0°♏	
desc. node	-10087 Jan 23 j 13:10	0°♏01'18	
morning max el	-10087 Feb 01 j 19:59	6°♏15'40	24°48'07
	-10087 Feb 18 j 23:12	0°♐	
morning set	-10087 Feb 27 j 18:44	17°♐12'44	
asc. node	-10087 Mar 05 j 17:13	29°♐57'38	
	-10087 Mar 05 j 17:39	0°♑	
superior conj	-10087 Mar 06 j 18:49	2°♑16'21	0°10'27
minimum elong	-10087 Mar 06 j 18:23	2°♑14'03	0°09'46
behind sun begin	-10087 Mar 06 j 14:23	1°♑52'18	
behind sun end	-10087 Mar 06 j 22:24	2°♑35'47	
max. Earth dist.	-10087 Mar 08 j 02:35	5°♑07'58	1.33203 AU
evening rise	-10087 Mar 14 j 03:20	17°♑48'14	
	-10087 Mar 20 j 09:58	0°♒	
	-10087 Apr 08 j 17:34	0°♓	
evening max el	-10087 Apr 15 j 09:25	7°♓23'12	27°21'30
desc. node	-10087 Apr 21 j 12:31	12°♓18'45	
retrograde	-10087 Apr 29 j 07:50	14°♓54'00	
evening set	-10087 May 06 j 05:07	12°♓34'50	
min. Earth dist.	-10087 May 09 j 21:39	9°♓36'11	0.62118 AU
inferior conj	-10087 May 12 j 22:14	6°♓42'47	-3°38'49
minimum elong	-10087 May 12 j 22:05	6°♓43'08	3°39'06
morning rise	-10087 May 19 j 16:30	1°♓39'29	
direct	-10087 May 22 j 08:06	1°♓07'40	
morning max el	-10087 May 29 j 00:20	4°♓30'28	18°01'11
asc. node	-10087 Jun 01 j 17:21	8°♓53'59	
	-10087 Jun 14 j 08:23	0°♈	
morning set	-10087 Jun 14 j 12:55	0°♈20'21	
superior conj	-10087 Jun 25 j 20:23	20°♈14'36	1°45'30
minimum elong	-10087 Jun 25 j 23:14	20°♈26'45	1°45'31
	-10087 Jul 01 j 15:57	0°♉	
max. Earth dist.	-10087 Jul 02 j 17:47	1°♉46'07	1.42678 AU
evening rise	-10087 Jul 10 j 15:52	14°♉27'55	
desc. node	-10087 Jul 18 j 09:42	26°♉24'42	
	-10087 Jul 20 j 18:49	0°♊	
evening max el	-10087 Aug 10 j 10:13	27°♊50'05	21°23'20
	-10087 Aug 12 j 17:58	0°♋	
retrograde	-10087 Aug 19 j 01:58	2°♋56'29	
evening set	-10087 Aug 23 j 06:08	1°♋19'19	
	-10087 Aug 24 j 16:56	30°℞♊	
inferior conj	-10087 Aug 28 j 13:40	25°♊09'42	-0°03'21
minimum elong	-10087 Aug 28 j 13:43	25°♊09'30	0°02'46
transit middle	-10087 Aug 28 j 13:43	25°♊09'30	0°02'46
transit begin	-10087 Aug 28 j 11:03	25°♊18'40	
transit end	-10087 Aug 28 j 16:24	25°♊00'20	
asc. node	-10087 Aug 28 j 17:48	24°♊55'29	
min. Earth dist.	-10087 Aug 28 j 23:09	24°♊37'10	0.67044 AU
morning rise	-10087 Sep 02 j 21:10	18°♊50'17	
direct	-10087 Sep 07 j 21:07	16°♊44'42	
morning max el	-10087 Sep 18 j 09:28	23°♊03'22	23°33'16
	-10087 Sep 24 j 11:17	0°♋	
desc. node	-10087 Oct 14 j 08:40	28°♋18'33	
	-10087 Oct 15 j 10:35	0°♌	
morning set	-10087 Oct 23 j 06:26	12°♌42'55	
max. Earth dist.	-10087 Oct 27 j 16:56	20°♌18'43	1.39404 AU
	-10087 Nov 02 j 02:57	0°♍	
superior conj	-10087 Nov 04 j 03:50	3°♍45'45	-1°39'39
minimum elong	-10087 Nov 04 j 02:12	3°♍38'09	1°39'17
evening rise	-10087 Nov 13 j 07:36	21°♍16'16	
	-10087 Nov 17 j 21:37	0°♎	
asc. node	-10087 Nov 24 j 16:20	11°♎27'55	
evening max el	-10087 Nov 29 j 15:53	17°♎35'13	18°37'52
retrograde	-10087 Dec 07 j 13:20	21°♎25'58	
evening set	-10087 Dec 10 j 01:30	21°♎04'07	
inferior conj	-10087 Dec 17 j 16:52	16°♎34'38	4°15'18
minimum elong	-10087 Dec 17 j 17:21	16°♎33'41	4°15'12
min. Earth dist.	-10087 Dec 20 j 22:26	14°♎06'40	0.58617 AU
morning rise	-10087 Dec 25 j 07:21	11°♎22'00	
direct	-10087 Dec 31 j 10:04	9°♎49'23	
desc. node	-10086 Jan 10 j 09:57	13°♎39'51	
morning max el	-10086 Jan 14 j 12:16	17°♎08'10	26°12'24
	-10086 Jan 25 j 03:41	0°♏	
	-10086 Feb 11 j 04:15	0°♐	
morning set	-10086 Feb 12 j 06:30	2°♐16'18	
superior conj	-10086 Feb 19 j 06:07	17°♐19'11	-0°13'09
minimum elong	-10086 Feb 19 j 06:41	17°♐22'19	0°13'35
behind sun begin	-10086 Feb 19 j 04:09	17°♐08'25	
behind sun end	-10086 Feb 19 j 09:14	17°♐36'12	
max. Earth dist.	-10086 Feb 19 j 15:23	18°♐09'45	1.32835 AU
asc. node	-10086 Feb 20 j 14:22	20°♐15'02	
	-10086 Feb 25 j 03:24	0°♑	
evening rise	-10086 Feb 26 j 09:14	2°♑35'39	
	-10086 Mar 13 j 09:05	0°♒	
evening max el	-10086 Mar 28 j 13:10	19°♒27'32	26°46'30
desc. node	-10086 Apr 08 j 09:44	26°♒25'47	
retrograde	-10086 Apr 11 j 15:15	26°♒52'18	
evening set	-10086 Apr 18 j 00:20	25°♒05'07	
min. Earth dist.	-10086 Apr 22 j 02:20	22°♒16'41	0.60147 AU
inferior conj	-10086 Apr 25 j 10:34	19°♒29'34	-3°24'32
minimum elong	-10086 Apr 25 j 08:17	19°♒34'22	3°24'43
morning rise	-10086 May 02 j 18:33	14°♒46'38	
direct	-10086 May 05 j 06:34	14°♒22'26	
morning max el	-10086 May 12 j 12:16	17°♒54'02	18°13'42
asc. node	-10086 May 19 j 14:12	27°♒14'58	
	-10086 May 21 j 05:57	0°♓	
morning set	-10086 May 28 j 14:26	13°♓21'04	
	-10086 Jun 06 j 14:16	0°♈	
superior conj	-10086 Jun 07 j 12:49	1°♈41'36	1°49'41
minimum elong	-10086 Jun 07 j 12:23	1°♈39'40	1°49'39
max. Earth dist.	-10086 Jun 14 j 23:17	14°♈40'37	1.40998 AU
evening rise	-10086 Jun 20 j 08:34	23°♈37'46	
	-10086 Jun 24 j 07:47	0°♉	
desc. node	-10086 Jul 05 j 07:02	16°♉43'33	
	-10086 Jul 14 j 17:46	0°♊	
evening max el	-10086 Jul 24 j 01:58	11°♊11'24	22°41'52
retrograde	-10086 Aug 02 j 20:08	16°♊58'41	
evening set	-10086 Aug 07 j 14:10	15°♊00'20	
inferior conj	-10086 Aug 12 j 19:51	8°♊46'15	-0°53'23
minimum elong	-10086 Aug 12 j 20:58	8°♊42'24	0°52'27
min. Earth dist.	-10086 Aug 12 j 18:53	8°♊49'36	0.67248 AU
asc. node	-10086 Aug 15 j 14:49	5°♊05'03	
morning rise	-10086 Aug 18 j 03:41	2°♊29'53	
direct	-10086 Aug 22 j 14:00	0°♊43'34	
morning max el	-10086 Aug 31 j 22:36	6°♊20'15	22°09'27
	-10086 Sep 18 j 22:21	0°♋	
desc. node	-10086 Oct 01 j 05:32	18°♋45'47	
morning set	-10086 Oct 03 j 11:13	22°♋19'29	
	-10086 Oct 08 j 04:23	0°♌	
max. Earth dist.	-10086 Oct 09 j 18:10	2°♌37'02	1.41358 AU
superior conj	-10086 Oct 17 j 07:45	15°♌37'14	-1°26'30
minimum elong	-10086 Oct 17 j 03:55	15°♌20'16	1°25'44
	-10086 Oct 25 j 06:15	0°♍	
evening rise	-10086 Oct 27 j 17:07	4°♍32'39	
asc. node	-10086 Nov 11 j 13:39	28°♍59'42	
	-10086 Nov 12 j 11:33	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10086 Nov 12 j 23:24	0°♎30'07	18°13'01
retrograde	-10086 Nov 20 j 01:58	4°♎06'05	
evening set	-10086 Nov 22 j 14:38	3°♎39'33	
	-10086 Nov 28 j 08:19	30°℞♍	
inferior conj	-10086 Nov 29 j 17:14	28°♍48'15	4°07'32
minimum elong	-10086 Nov 29 j 14:55	28°♍53'23	4°07'23
min. Earth dist.	-10086 Dec 02 j 20:12	26°♍03'03	0.60490 AU
morning rise	-10086 Dec 06 j 13:49	23°♍16'14	
direct	-10086 Dec 13 j 10:04	21°♍07'31	
morning max el	-10086 Dec 27 j 10:28	28°♍34'27	27°10'45
desc. node	-10086 Dec 28 j 06:43	29°♍24'14	
	-10086 Dec 28 j 20:47	0°♎	
	-10085 Jan 18 j 18:50	0°♏	
morning set	-10085 Jan 27 j 15:36	17°♏10'40	
	-10085 Feb 02 j 15:49	0°♐	
max. Earth dist.	-10085 Feb 03 j 04:55	1°♐11'25	1.32786 AU
superior conj	-10085 Feb 03 j 17:56	2°♐22'27	-0°35'48
minimum elong	-10085 Feb 03 j 19:22	2°♐30'14	0°36'01
asc. node	-10085 Feb 07 j 11:33	10°♐30'18	
evening rise	-10085 Feb 10 j 18:41	17°♐31'52	
	-10085 Feb 17 j 00:42	0°♑	
	-10085 Mar 09 j 13:21	0°♒	
evening max el	-10085 Mar 10 j 10:59	0°♒52'56	25°41'41
retrograde	-10085 Mar 24 j 13:13	8°♒06'56	
desc. node	-10085 Mar 26 j 06:55	7°♒59'35	
evening set	-10085 Mar 30 j 00:06	6°♒55'32	
min. Earth dist.	-10085 Apr 04 j 00:02	4°♒02'18	0.58186 AU
inferior conj	-10085 Apr 07 j 05:02	1°♒43'36	-2°43'22
minimum elong	-10085 Apr 07 j 01:05	1°♒50'45	2°43'04
	-10085 Apr 09 j 16:18	30°℞♑	
morning rise	-10085 Apr 15 j 05:16	27°♑20'45	
direct	-10085 Apr 17 j 13:32	27°♑03'01	
	-10085 Apr 24 j 17:17	0°♒	
morning max el	-10085 Apr 25 j 19:22	0°♒57'44	18°45'46
asc. node	-10085 May 06 j 11:05	16°♒13'00	
morning set	-10085 May 12 j 04:54	27°♒03'22	
	-10085 May 13 j 17:13	0°♓	
superior conj	-10085 May 21 j 02:48	14°♓15'20	1°42'52
minimum elong	-10085 May 21 j 00:27	14°♓04'14	1°42'31
max. Earth dist.	-10085 May 28 j 00:06	26°♓52'10	1.39113 AU
	-10085 May 29 j 18:46	0°♈	
evening rise	-10085 Jun 01 j 04:04	4°♈07'16	
	-10085 Jun 17 j 11:29	0°♉	
desc. node	-10085 Jun 22 j 04:25	6°♉45'26	
evening max el	-10085 Jul 06 j 13:07	24°♉32'18	24°03'52
	-10085 Jul 13 j 13:55	0°♊	
retrograde	-10085 Jul 17 j 11:12	1°♊00'05	
	-10085 Jul 21 j 00:44	30°℞♉	
evening set	-10085 Jul 22 j 20:02	28°♉41'07	
min. Earth dist.	-10085 Jul 27 j 14:07	23°♉05'19	0.67147 AU
inferior conj	-10085 Jul 28 j 01:54	22°♉25'09	-1°39'58
minimum elong	-10085 Jul 28 j 03:52	22°♉18'28	1°38'52
morning rise	-10085 Aug 02 j 11:40	16°♉15'06	
asc. node	-10085 Aug 02 j 11:45	16°♉14'57	
direct	-10085 Aug 06 j 10:02	14°♉46'59	
morning max el	-10085 Aug 14 j 17:21	19°♉42'33	20°51'58
	-10085 Aug 23 j 00:47	0°♊	
	-10085 Sep 12 j 03:45	0°♋	
morning set	-10085 Sep 12 j 18:27	0°♋57'18	
desc. node	-10085 Sep 18 j 02:29	9°♋21'26	
max. Earth dist.	-10085 Sep 22 j 01:25	15°♋42'34	1.43012 AU
superior conj	-10085 Sep 28 j 10:45	26°♋14'14	-1°00'11
minimum elong	-10085 Sep 28 j 05:57	25°♋54'07	0°59'07
	-10085 Sep 30 j 16:17	0°♌	

evening rise	-10085 Oct 10 j 12:16	17°♌05'46	
	-10085 Oct 17 j 21:14	0°♍	
evening max el	-10085 Oct 27 j 11:20	13°♍42'18	18°07'50
asc. node	-10085 Oct 29 j 10:54	15°♍26'51	
retrograde	-10085 Nov 03 j 04:03	17°♍14'16	
evening set	-10085 Nov 05 j 18:51	16°♍41'24	
inferior conj	-10085 Nov 12 j 10:02	11°♍29'35	3°39'09
minimum elong	-10085 Nov 12 j 06:27	11°♍38'35	3°38'40
min. Earth dist.	-10085 Nov 15 j 02:54	8°♍46'58	0.62300 AU
morning rise	-10085 Nov 18 j 17:03	5°♍41'37	
direct	-10085 Nov 25 j 19:00	3°♍07'20	
morning max el	-10085 Dec 09 j 14:52	10°♍40'15	27°35'18
desc. node	-10085 Dec 15 j 03:27	16°♍41'00	
	-10085 Dec 24 j 22:07	0°♎	
	-10084 Jan 10 j 22:32	0°♏	
morning set	-10084 Jan 11 j 19:57	1°♏48'07	
max. Earth dist.	-10084 Jan 17 j 15:25	13°♏59'21	1.33078 AU
superior conj	-10084 Jan 19 j 04:37	17°♏20'04	-0°56'45
minimum elong	-10084 Jan 19 j 06:40	17°♏31'06	0°56'48
asc. node	-10084 Jan 25 j 08:46	0°♐39'10	
	-10084 Jan 25 j 01:23	0°♐	
evening rise	-10084 Jan 26 j 05:48	2°♐30'13	
	-10084 Feb 10 j 10:17	0°♑	
evening max el	-10084 Feb 20 j 04:37	11°♑50'28	24°15'58
retrograde	-10084 Mar 04 j 23:37	18°♑42'29	
evening set	-10084 Mar 09 j 06:51	18°♑01'02	
desc. node	-10084 Mar 12 j 04:03	16°♑50'54	
min. Earth dist.	-10084 Mar 15 j 17:43	14°♑50'23	0.56558 AU
inferior conj	-10084 Mar 18 j 03:38	13°♑18'58	-1°30'07
minimum elong	-10084 Mar 18 j 00:19	13°♑24'14	1°29'43
morning rise	-10084 Mar 26 j 20:51	9°♑11'36	
direct	-10084 Mar 29 j 02:10	8°♑58'14	
morning max el	-10084 Apr 07 j 18:37	13°♑31'31	19°37'34
	-10084 Apr 19 j 08:03	0°♒	
asc. node	-10084 Apr 22 j 07:58	5°♒38'48	
morning set	-10084 Apr 25 j 04:36	11°♒17'15	
superior conj	-10084 May 03 j 08:45	27°♒39'36	1°28'33
minimum elong	-10084 May 03 j 05:46	27°♒24'55	1°27'52
	-10084 May 04 j 13:23	0°♓	
max. Earth dist.	-10084 May 09 j 01:21	8°♓35'59	1.37287 AU
evening rise	-10084 May 13 j 01:27	15°♓55'53	
	-10084 May 21 j 06:24	0°♈	
desc. node	-10084 Jun 08 j 01:50	26°♈22'20	
	-10084 Jun 10 j 22:09	0°♉	
evening max el	-10084 Jun 17 j 22:49	7°♉55'02	25°21'45
retrograde	-10084 Jun 29 j 22:16	14°♉55'21	
evening set	-10084 Jul 05 j 21:40	12°♉19'18	
min. Earth dist.	-10084 Jul 10 j 06:26	7°♉21'22	0.66716 AU
inferior conj	-10084 Jul 11 j 06:01	6°♉03'56	-2°21'39
minimum elong	-10084 Jul 11 j 08:30	5°♉55'46	2°20'37
morning rise	-10084 Jul 16 j 19:20	0°♉03'29	
	-10084 Jul 16 j 21:24	30°℞♈	
asc. node	-10084 Jul 19 j 08:38	28°♈56'46	
direct	-10084 Jul 20 j 07:50	28°♈51'25	
	-10084 Jul 23 j 22:51	0°♉	
morning max el	-10084 Jul 27 j 18:37	3°♉11'03	19°45'52
	-10084 Aug 15 j 19:43	0°♊	
morning set	-10084 Aug 21 j 21:19	9°♊25'32	
max. Earth dist.	-10084 Sep 03 j 14:13	29°♊24'36	1.44145 AU
desc. node	-10084 Sep 03 j 23:30	0°♋01'32	
	-10084 Sep 03 j 23:07	0°♋	
superior conj	-10084 Sep 07 j 09:59	5°♋31'33	-0°20'47
minimum elong	-10084 Sep 07 j 07:41	5°♋22'18	0°19'55
evening rise	-10084 Sep 21 j 11:52	28°♋43'11	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10084 Sep 22 j 06:07	0°♌	
evening max el	-10084 Oct 10 j 00:47	27°♌05'13	18°21'23
	-10084 Oct 13 j 19:29	0°♍	
asc. node	-10084 Oct 15 j 08:07	0°♍33'13	
retrograde	-10084 Oct 16 j 15:29	0°♍42'22	
evening set	-10084 Oct 19 j 10:28	0°♍00'48	
	-10084 Oct 19 j 11:06	30°℞♌	
inferior conj	-10084 Oct 25 j 15:42	24°♌30'52	2°58'12
minimum elong	-10084 Oct 25 j 12:06	24°♌40'56	2°57'35
min. Earth dist.	-10084 Oct 27 j 19:33	22°♌06'07	0.63883 AU
morning rise	-10084 Oct 31 j 13:03	18°♌30'11	
direct	-10084 Nov 07 j 11:24	15°♌44'38	
morning max el	-10084 Nov 20 j 23:15	23°♌18'59	27°25'13
	-10084 Nov 27 j 00:54	0°♍	
desc. node	-10084 Dec 01 j 00:10	5°♍03'28	
	-10084 Dec 17 j 03:05	0°♎	
morning set	-10084 Dec 25 j 16:53	15°♎59'40	
max. Earth dist.	-10084 Dec 30 j 19:07	26°♎21'34	1.33752 AU
	-10083 Jan 01 j 12:40	0°♏	
superior conj	-10083 Jan 02 j 12:23	2°♏05'51	-1°15'06
minimum elong	-10083 Jan 02 j 14:40	2°♏18'03	1°15'04
evening rise	-10083 Jan 09 j 16:55	17°♏24'50	
asc. node	-10083 Jan 11 j 06:00	20°♏37'04	
	-10083 Jan 16 j 00:28	0°♐	
evening max el	-10083 Jan 31 j 22:38	22°♐42'26	22°42'16
retrograde	-10083 Feb 13 j 21:24	28°♐57'01	
evening set	-10083 Feb 17 j 04:54	28°♐33'03	
min. Earth dist.	-10083 Feb 25 j 09:23	24°♐53'28	0.55583 AU
inferior conj	-10083 Feb 26 j 08:57	24°♐19'25	0°10'33
minimum elong	-10083 Feb 26 j 09:23	24°♐18'47	0°09'50
transit middle	-10083 Feb 26 j 09:23	24°♐18'47	0°09'50
transit begin	-10083 Feb 26 j 06:12	24°♐23'24	
transit end	-10083 Feb 26 j 12:35	24°♐14'11	
desc. node	-10083 Feb 27 j 01:05	23°♐56'09	
morning rise	-10083 Mar 07 j 15:17	20°♐17'07	
direct	-10083 Mar 09 j 23:17	20°♐04'14	
morning max el	-10083 Mar 21 j 07:31	25°♐27'25	20°48'37
	-10083 Mar 25 j 10:10	0°♑	
morning set	-10083 Apr 09 j 10:41	25°♑55'22	
asc. node	-10083 Apr 09 j 04:53	25°♑25'45	
	-10083 Apr 11 j 10:15	0°♒	
superior conj	-10083 Apr 17 j 02:13	11°♒42'09	1°09'27
minimum elong	-10083 Apr 16 j 23:29	11°♒28'11	1°08'33
max. Earth dist.	-10083 Apr 21 j 09:50	20°♒22'20	1.35713 AU
evening rise	-10083 Apr 25 j 19:24	28°♒49'25	
	-10083 Apr 26 j 10:32	0°♓	
	-10083 May 14 j 11:20	0°♈	
desc. node	-10083 May 25 j 23:14	15°♈23'55	
evening max el	-10083 May 31 j 09:15	21°♈18'33	26°26'44
retrograde	-10083 Jun 13 j 04:32	28°♈39'09	
evening set	-10083 Jun 19 j 16:51	25°♈52'54	
min. Earth dist.	-10083 Jun 23 j 17:30	21°♈34'11	0.65925 AU
inferior conj	-10083 Jun 25 j 06:14	19°♈40'36	-2°56'45
minimum elong	-10083 Jun 25 j 08:49	19°♈32'36	2°56'02
morning rise	-10083 Jul 01 j 00:55	13°♈52'49	
direct	-10083 Jul 04 j 05:35	12°♈54'31	
asc. node	-10083 Jul 06 j 05:29	13°♈16'26	
morning max el	-10083 Jul 11 j 01:54	16°♈45'45	18°54'27
	-10083 Jul 20 j 21:36	0°♉	
morning set	-10083 Aug 01 j 15:38	18°♉38'50	
	-10083 Aug 08 j 18:32	0°♊	
superior conj	-10083 Aug 17 j 12:42	13°♊52'01	0°25'55
minimum elong	-10083 Aug 17 j 15:57	14°♊04'52	0°26'04
max. Earth dist.	-10083 Aug 17 j 06:40	13°♊28'11	1.44616 AU
desc. node	-10083 Aug 21 j 20:36	20°♊43'07	
	-10083 Aug 27 j 16:44	0°♋	
evening rise	-10083 Sep 02 j 10:39	9°♋12'25	
	-10083 Sep 15 j 12:56	0°♌	
evening max el	-10083 Sep 23 j 12:55	10°♌33'23	18°52'29
retrograde	-10083 Sep 30 j 08:43	14°♌24'27	
asc. node	-10083 Oct 02 j 05:17	14°♌04'48	
evening set	-10083 Oct 03 j 10:07	13°♌31'14	
inferior conj	-10083 Oct 09 j 07:01	7°♌46'04	2°10'12
minimum elong	-10083 Oct 09 j 04:08	7°♌54'49	2°09'43
min. Earth dist.	-10083 Oct 10 j 21:40	5°♌48'25	0.65166 AU
morning rise	-10083 Oct 14 j 21:43	1°♌35'43	
	-10083 Oct 17 j 04:24	30°℞♋	
direct	-10083 Oct 21 j 10:01	28°♋51'56	
	-10083 Oct 26 j 00:25	0°♌	
morning max el	-10083 Nov 03 j 09:09	6°♌19'41	26°44'32
desc. node	-10083 Nov 17 j 20:50	24°♌12'08	
	-10083 Nov 21 j 19:19	0°♍	
morning set	-10083 Dec 09 j 02:57	29°♍33'36	
	-10083 Dec 09 j 08:30	0°♎	
max. Earth dist.	-10083 Dec 13 j 12:57	8°♎11'26	1.34857 AU
superior conj	-10083 Dec 17 j 15:02	16°♎31'42	-1°29'49
minimum elong	-10083 Dec 17 j 17:05	16°♎42'21	1°29'45
	-10083 Dec 24 j 01:30	0°♏	
evening rise	-10083 Dec 25 j 02:21	2°♏09'03	
asc. node	-10083 Dec 29 j 03:16	10°♏17'51	
	-10082 Jan 10 j 08:31	0°♐	
evening max el	-10082 Jan 13 j 22:08	3°♐49'51	21°13'07
retrograde	-10082 Jan 25 j 11:32	9°♐17'06	
evening set	-10082 Jan 28 j 05:43	8°♐59'36	
inferior conj	-10082 Feb 06 j 05:56	5°♐00'21	1°57'23
minimum elong	-10082 Feb 06 j 10:39	4°♐53'36	1°55'28
min. Earth dist.	-10082 Feb 06 j 23:28	4°♐35'17	0.55458 AU
desc. node	-10082 Feb 13 j 22:01	1°♐15'50	
morning rise	-10082 Feb 15 j 14:53	0°♐48'19	
direct	-10082 Feb 18 j 13:47	0°♐29'04	
morning max el	-10082 Mar 03 j 09:10	6°♐42'11	22°16'16
	-10082 Mar 19 j 10:40	0°♑	
morning set	-10082 Mar 24 j 20:48	10°♑49'21	
asc. node	-10082 Mar 27 j 01:52	15°♑27'17	
superior conj	-10082 Apr 01 j 03:43	26°♑11'43	0°47'30
minimum elong	-10082 Apr 01 j 01:43	26°♑01'14	0°46'35
	-10082 Apr 02 j 23:23	0°♒	
max. Earth dist.	-10082 Apr 04 j 04:32	2°♒30'38	1.34468 AU
evening rise	-10082 Apr 09 j 04:19	12°♒30'24	
	-10082 Apr 18 j 18:21	0°♓	
	-10082 May 09 j 13:21	0°♈	
desc. node	-10082 May 12 j 20:37	3°♈35'03	
evening max el	-10082 May 13 j 20:16	4°♈34'04	27°10'35
retrograde	-10082 May 27 j 05:28	12°♈04'11	
evening set	-10082 Jun 03 j 02:52	9°♈17'56	
min. Earth dist.	-10082 Jun 06 j 21:07	5°♈36'40	0.64739 AU
inferior conj	-10082 Jun 09 j 00:17	3°♈11'07	-3°23'07
minimum elong	-10082 Jun 09 j 02:23	3°♈05'09	3°22'50
	-10082 Jun 11 j 23:39	30°℞♓	
morning rise	-10082 Jun 15 j 02:18	27°♓39'00	
direct	-10082 Jun 18 j 00:56	26°♓52'19	
asc. node	-10082 Jun 23 j 02:18	29°♓03'14	
	-10082 Jun 24 j 03:45	0°♈	
morning max el	-10082 Jun 24 j 13:38	0°♈24'18	18°19'42
morning set	-10082 Jul 13 j 10:56	29°♈02'10	
	-10082 Jul 14 j 00:49	0°♉	
superior conj	-10082 Jul 27 j 15:06	22°♉13'43	1°08'16
minimum elong	-10082 Jul 27 j 21:39	22°♉39'56	1°08'01

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10082	Jul	30	j 23:44	27°♉35'14	1.44370 AU	evening rise	-10081	Jul	23	j 08:56	26°♉55'45	
	-10082	Aug	01	j 12:14	0°♊			-10081	Jul	25	j 08:30	0°♊	
desc. node	-10082	Aug	08	j 17:48	11°♊23'06		desc. node	-10081	Jul	26	j 15:04	1°♊57'49	
evening rise	-10082	Aug	13	j 06:47	18°♊29'08			-10081	Aug	14	j 17:38	0°♋	
	-10082	Aug	20	j 16:37	0°♋		evening max el	-10081	Aug	20	j 23:13	7°♋27'54	20°42'03
greatest brilliancy	-10082	Aug	24	j 17:03	6°♋09'39	-0.7m	retrograde	-10081	Aug	29	j 01:46	12°♋13'29	
evening max el	-10082	Sep	06	j 21:06	24°♋02'16	19°39'56	evening set	-10081	Sep	01	j 22:41	10°♋47'42	
retrograde	-10082	Sep	14	j 04:57	28°♋16'10		asc. node	-10081	Sep	05	j 23:28	6°♋30'34	
evening set	-10082	Sep	17	j 15:00	27°♋08'11		inferior conj	-10081	Sep	07	j 08:07	4°♋41'32	0°26'27
asc. node	-10082	Sep	19	j 02:23	25°♋57'57		minimum elong	-10081	Sep	07	j 07:31	4°♋43'36	0°26'46
inferior conj	-10082	Sep	23	j 05:16	21°♋10'54	1°18'47	min. Earth dist.	-10081	Sep	07	j 23:35	3°♋49'10	0.66787 AU
minimum elong	-10082	Sep	23	j 03:28	21°♋16'44	1°18'40		-10081	Sep	11	j 00:31	30°℞♊	
min. Earth dist.	-10082	Sep	24	j 07:45	19°♋44'53	0.66128 AU	morning rise	-10081	Sep	12	j 16:10	28°♊21'52	
morning rise	-10082	Sep	28	j 15:40	14°♋54'07		direct	-10081	Sep	18	j 00:16	26°♊05'43	
direct	-10082	Oct	04	j 14:27	12°♋21'30			-10081	Sep	26	j 04:55	0°♋	
morning max el	-10082	Oct	16	j 19:04	19°♋32'01	25°40'29	morning max el	-10081	Sep	29	j 04:40	2°♋46'53	24°21'41
	-10082	Oct	25	j 19:13	0°♌			-10081	Oct	19	j 23:46	0°♌	
desc. node	-10082	Nov	04	j 17:33	13°♌53'44		desc. node	-10081	Oct	22	j 14:19	3°♌57'59	
	-10082	Nov	14	j 21:09	0°♍		morning set	-10081	Nov	03	j 19:58	23°♌55'58	
morning set	-10082	Nov	21	j 21:48	12°♍17'26			-10081	Nov	07	j 06:46	0°♍	
max. Earth dist.	-10082	Nov	25	j 20:08	19°♍36'05	1.36389 AU	max. Earth dist.	-10081	Nov	07	j 19:28	0°♍56'54	1.38251 AU
superior conj	-10082	Dec	01	j 09:56	0°♎29'30	-1°39'27	superior conj	-10081	Nov	14	j 17:31	13°♍48'21	-1°42'10
minimum elong	-10082	Dec	01	j 11:07	0°♎35'25	1°39'21	minimum elong	-10081	Nov	14	j 17:06	13°♍46'21	1°41'56
	-10082	Dec	01	j 04:02	0°♎			-10081	Nov	22	j 23:48	0°♎	
evening rise	-10082	Dec	09	j 08:17	16°♎37'21		evening rise	-10081	Nov	23	j 08:30	0°♎42'58	
asc. node	-10082	Dec	16	j 00:33	29°♎34'51		asc. node	-10081	Dec	02	j 21:51	18°♎19'33	
	-10082	Dec	16	j 06:08	0°♏		evening max el	-10081	Dec	10	j 01:48	27°♎39'50	19°01'15
evening max el	-10082	Dec	27	j 06:52	15°♏27'47	19°57'48		-10081	Dec	13	j 00:23	0°♏	
retrograde	-10081	Jan	06	j 06:05	20°♏09'09		retrograde	-10081	Dec	18	j 15:03	1°♏45'20	
evening set	-10081	Jan	08	j 19:19	19°♏52'06		evening set	-10081	Dec	21	j 03:02	1°♏25'51	
inferior conj	-10081	Jan	17	j 08:10	15°♏49'30	3°21'16		-10081	Dec	24	j 15:34	30°℞♎	
minimum elong	-10081	Jan	17	j 13:37	15°♏41'02	3°19'46	inferior conj	-10081	Dec	29	j 02:14	27°♎08'10	4°06'26
min. Earth dist.	-10081	Jan	19	j 12:55	14°♏28'00	0.56193 AU	minimum elong	-10081	Dec	29	j 04:49	27°♎03'36	4°06'00
morning rise	-10081	Jan	26	j 05:58	11°♏14'42		min. Earth dist.	-10080	Jan	01	j 03:32	24°♎59'20	0.57606 AU
direct	-10081	Jan	30	j 08:47	10°♏37'05		morning rise	-10080	Jan	06	j 04:24	22°♎07'54	
desc. node	-10081	Jan	31	j 18:54	10°♏41'41		direct	-10080	Jan	11	j 15:22	20°♎57'27	
morning max el	-10081	Feb	13	j 02:25	17°♏28'03	23°53'09	desc. node	-10080	Jan	18	j 15:43	22°♎51'36	
	-10081	Feb	23	j 05:32	0°♐		morning max el	-10080	Jan	25	j 17:20	28°♎10'20	25°26'23
morning set	-10081	Mar	09	j 08:58	25°♐52'20			-10080	Jan	27	j 12:56	0°♏	
	-10081	Mar	11	j 07:49	0°♑			-10080	Feb	16	j 10:54	0°♐	
asc. node	-10081	Mar	13	j 22:55	5°♑38'27		morning set	-10080	Feb	21	j 21:23	10°♐57'39	
superior conj	-10081	Mar	16	j 10:38	10°♑59'56	0°24'07	superior conj	-10080	Feb	28	j 20:53	25°♐59'35	0°00'21
minimum elong	-10081	Mar	16	j 09:37	10°♑54'28	0°23'20	minimum elong	-10080	Feb	28	j 20:54	25°♐59'38	0°00'12
max. Earth dist.	-10081	Mar	18	j 08:32	15°♑05'08	1.33568 AU	behind sun begin	-10080	Feb	28	j 15:53	25°♐32'20	
evening rise	-10081	Mar	23	j 23:50	26°♑45'21		behind sun end	-10080	Feb	29	j 01:55	26°♐26'56	
	-10081	Mar	25	j 15:06	0°♒		asc. node	-10080	Feb	28	j 20:01	25°♐54'50	
	-10081	Apr	12	j 02:57	0°♓		max. Earth dist.	-10080	Feb	29	j 18:57	27°♐59'21	1.33003 AU
evening max el	-10081	Apr	26	j 06:03	17°♓29'41	27°26'32		-10080	Mar	01	j 17:14	0°♑	
desc. node	-10081	Apr	29	j 17:57	20°♓34'55		evening rise	-10080	Mar	07	j 02:42	11°♑23'33	
retrograde	-10081	May	10	j 00:33	25°♓02'08			-10080	Mar	16	j 21:16	0°♒	
evening set	-10081	May	17	j 00:33	22°♓28'51		evening max el	-10080	Apr	07	j 12:31	29°♒55'03	27°10'31
min. Earth dist.	-10081	May	20	j 15:49	19°♓18'12	0.63168 AU		-10080	Apr	07	j 14:34	0°♓	
inferior conj	-10081	May	23	j 09:25	16°♓30'18	-3°37'35	desc. node	-10080	Apr	15	j 15:14	5°♓55'17	
minimum elong	-10081	May	23	j 10:18	16°♓28'02	3°37'45	retrograde	-10080	Apr	21	j 13:04	7°♓24'42	
morning rise	-10081	May	29	j 21:04	11°♓16'14		evening set	-10080	Apr	28	j 06:26	5°♓17'50	
direct	-10081	Jun	01	j 14:57	10°♓39'28		min. Earth dist.	-10080	May	02	j 01:29	2°♓25'31	0.61290 AU
morning max el	-10081	Jun	08	j 03:33	14°♓02'20	18°02'42		-10080	May	04	j 18:03	30°℞♒	
asc. node	-10081	Jun	09	j 23:09	16°♓01'33		inferior conj	-10080	May	05	j 06:25	29°♒31'45	-3°35'37
	-10081	Jun	19	j 04:42	0°♈		minimum elong	-10080	May	05	j 05:24	29°♒34'05	3°35'55
morning set	-10081	Jun	25	j 06:46	10°♈34'15		morning rise	-10080	May	12	j 06:14	24°♒37'21	
	-10081	Jul	06	j 14:42	0°♉		direct	-10080	May	14	j 20:12	24°♒09'03	
							morning max el	-10080	May	21	j 17:06	27°♒34'07	18°04'12
superior conj	-10081	Jul	07	j 13:28	1°♉34'50	1°36'37		-10080	May	23	j 22:16	0°♓	
minimum elong	-10081	Jul	07	j 18:22	1°♉55'10	1°36'32	asc. node	-10080	May	26	j 20:01	3°♓56'36	
max. Earth dist.	-10081	Jul	13	j 13:32	11°♉24'30	1.43452 AU	morning set	-10080	Jun	06	j 22:54	23°♓06'14	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10080 Jun 10 j 17:38	0°♈		
superior conj	-10080 Jun 17 j 15:12	12°♈17'40	1°48'52	
minimum elong	-10080 Jun 17 j 16:31	12°♈23'27	1°48'54	
max. Earth dist.	-10080 Jun 24 j 21:45	24°♈40'15	1.41997 AU	
	-10080 Jun 28 j 03:38	0°♉		
evening rise	-10080 Jul 01 j 14:23	5°♉32'44		
desc. node	-10080 Jul 12 j 12:24	22°♉23'53		
	-10080 Jul 17 j 16:12	0°♊		
evening max el	-10080 Aug 02 j 18:31	20°♊50'25	21°55'54	
retrograde	-10080 Aug 11 j 21:21	26°♊14'27		
evening set	-10080 Aug 16 j 07:08	24°♊28'31		
inferior conj	-10080 Aug 21 j 13:38	18°♊16'32	-0°24'54	
minimum elong	-10080 Aug 21 j 14:10	18°♊14'42	0°24'09	
min. Earth dist.	-10080 Aug 21 j 18:43	17°♊58'59	0.67162 AU	
asc. node	-10080 Aug 22 j 20:31	16°♊30'43		
morning rise	-10080 Aug 26 j 21:03	11°♊57'41		
direct	-10080 Aug 31 j 14:58	10°♊00'17		
morning max el	-10080 Sep 10 j 15:37	16°♊02'03	22°57'10	
	-10080 Sep 22 j 00:13	0°♋		
desc. node	-10080 Oct 08 j 11:09	24°♋18'12		
	-10080 Oct 12 j 01:06	0°♌		
morning set	-10080 Oct 14 j 16:19	4°♌17'10		
max. Earth dist.	-10080 Oct 19 j 17:37	12°♌45'38	1.40251 AU	
superior conj	-10080 Oct 27 j 09:09	26°♌15'53	-1°35'34	
minimum elong	-10080 Oct 27 j 06:33	26°♌04'03	1°35'02	
	-10080 Oct 29 j 10:00	0°♍		
evening rise	-10080 Nov 06 j 00:19	14°♍19'13		
	-10080 Nov 14 j 14:34	0°♎		
asc. node	-10080 Nov 18 j 19:10	6°♎21'37		
evening max el	-10080 Nov 22 j 05:31	10°♎21'39	18°24'54	
retrograde	-10080 Nov 29 j 17:46	14°♎04'27		
evening set	-10080 Dec 02 j 05:58	13°♎40'51		
inferior conj	-10080 Dec 09 j 15:48	9°♎02'29	4°15'09	
minimum elong	-10080 Dec 09 j 14:55	9°♎04'17	4°15'05	
min. Earth dist.	-10080 Dec 12 j 21:47	6°♎24'12	0.59406 AU	
morning rise	-10080 Dec 16 j 22:08	3°♎41'02		
direct	-10080 Dec 23 j 09:58	1°♎51'50		
desc. node	-10079 Jan 04 j 12:29	7°♎27'34		
morning max el	-10079 Jan 06 j 11:46	9°♎15'10	26°40'58	
	-10079 Jan 22 j 09:10	0°♏		
morning set	-10079 Feb 05 j 08:14	25°♏58'00		
	-10079 Feb 07 j 06:08	0°♐		
superior conj	-10079 Feb 12 j 08:37	11°♐03'30	-0°22'55	
minimum elong	-10079 Feb 12 j 09:34	11°♐08'44	0°23'15	
max. Earth dist.	-10079 Feb 12 j 08:20	11°♐01'55	1.32769 AU	
asc. node	-10079 Feb 14 j 17:09	16°♐11'48		
evening rise	-10079 Feb 19 j 10:21	26°♐15'38		
	-10079 Feb 21 j 06:00	0°♑		
	-10079 Mar 10 j 16:35	0°♒		
evening max el	-10079 Mar 20 j 13:51	11°♒42'56	26°22'17	
desc. node	-10079 Apr 02 j 12:29	19°♒00'45		
retrograde	-10079 Apr 03 j 17:02	19°♒04'18		
evening set	-10079 Apr 09 j 17:27	17°♒32'42		
min. Earth dist.	-10079 Apr 14 j 03:11	14°♒43'39	0.59288 AU	
inferior conj	-10079 Apr 17 j 11:35	12°♒05'58	-3°10'49	
minimum elong	-10079 Apr 17 j 08:27	12°♒12'10	3°10'49	
morning rise	-10079 Apr 25 j 02:13	7°♒31'35		
direct	-10079 Apr 27 j 12:29	7°♒10'25		
morning max el	-10079 May 05 j 03:21	10°♒50'30	18°24'52	
asc. node	-10079 May 13 j 16:53	22°♒34'39		
	-10079 May 17 j 20:32	0°♓		
morning set	-10079 May 21 j 06:28	6°♓25'54		
superior conj	-10079 May 30 j 17:29	24°♓14'43	1°47'55	
minimum elong	-10079 May 30 j 16:03	24°♓08'10	1°47'45	
	-10079 Jun 02 j 21:42	0°♈		
max. Earth dist.	-10079 Jun 07 j 00:35	7°♈14'39	1.40208 AU	
evening rise	-10079 Jun 11 j 18:02	15°♈15'00		
	-10079 Jun 20 j 23:13	0°♉		
desc. node	-10079 Jun 29 j 09:48	12°♉36'12		
	-10079 Jul 12 j 12:10	0°♊		
evening max el	-10079 Jul 16 j 08:04	4°♊11'23	23°16'49	
retrograde	-10079 Jul 26 j 14:16	10°♊16'16		
evening set	-10079 Jul 31 j 14:27	8°♊09'12		
inferior conj	-10079 Aug 05 j 19:59	1°♊54'09	-1°13'40	
minimum elong	-10079 Aug 05 j 21:29	1°♊48'58	1°12'37	
min. Earth dist.	-10079 Aug 05 j 14:35	2°♊12'45	0.67245 AU	
	-10079 Aug 07 j 05:33	30°℞♉		
asc. node	-10079 Aug 09 j 17:30	26°♉59'55		
morning rise	-10079 Aug 11 j 04:25	25°♉39'53		
direct	-10079 Aug 15 j 09:29	24°♉01'17		
morning max el	-10079 Aug 24 j 06:44	29°♉20'03	21°35'16	
	-10079 Aug 24 j 21:59	0°♊		
	-10079 Sep 15 j 18:35	0°♋		
morning set	-10079 Sep 24 j 10:28	13°♋23'53		
desc. node	-10079 Sep 25 j 08:04	14°♋49'22		
max. Earth dist.	-10079 Oct 01 j 20:58	25°♋23'27	1.42113 AU	
	-10079 Oct 04 j 15:32	0°♌		
superior conj	-10079 Oct 09 j 03:09	7°♌37'37	-1°17'02	
minimum elong	-10079 Oct 08 j 22:37	7°♌18'04	1°16'07	
evening rise	-10079 Oct 20 j 04:15	27°♌18'16		
	-10079 Oct 21 j 15:49	0°♍		
evening max el	-10079 Nov 05 j 15:22	23°♍25'29	18°08'33	
asc. node	-10079 Nov 05 j 16:26	23°♍28'08		
retrograde	-10079 Nov 12 j 12:30	26°♍58'08		
evening set	-10079 Nov 15 j 02:00	26°♍29'01		
inferior conj	-10079 Nov 21 j 23:34	21°♍28'51	3°57'27	
minimum elong	-10079 Nov 21 j 20:32	21°♍35'57	3°57'10	
min. Earth dist.	-10079 Nov 24 j 22:54	18°♍42'37	0.61280 AU	
morning rise	-10079 Nov 28 j 13:53	15°♍50'01		
direct	-10079 Dec 05 j 14:08	13°♍28'41		
morning max el	-10079 Dec 19 j 12:31	20°♍57'55	27°25'33	
desc. node	-10079 Dec 22 j 09:12	23°♍55'08		
	-10079 Dec 27 j 11:08	0°♎		
	-10078 Jan 15 j 04:56	0°♏		
morning set	-10078 Jan 20 j 15:36	10°♏46'28		
max. Earth dist.	-10078 Jan 26 j 21:05	24°♏00'01	1.32868 AU	
superior conj	-10078 Jan 27 j 20:11	26°♏05'40	-0°44'56	
minimum elong	-10078 Jan 27 j 21:54	26°♏15'03	0°45'04	
	-10078 Jan 29 j 15:11	0°♐		
asc. node	-10078 Feb 01 j 14:20	6°♐25'18		
evening rise	-10078 Feb 03 j 20:45	11°♐14'19		
	-10078 Feb 13 j 13:46	0°♑		
evening max el	-10078 Mar 02 j 09:46	22°♑55'39	25°07'09	
	-10078 Mar 15 j 17:40	0°♒		
retrograde	-10078 Mar 16 j 09:56	0°♒01'05		
	-10078 Mar 17 j 02:11	30°℞♑		
desc. node	-10078 Mar 20 j 09:38	29°♑24'02		
evening set	-10078 Mar 21 j 09:17	29°♑03'51		
min. Earth dist.	-10078 Mar 26 j 22:57	26°♑04'36	0.57441 AU	
inferior conj	-10078 Mar 29 j 21:43	24°♑04'29	-2°16'20	
minimum elong	-10078 Mar 29 j 17:40	24°♑11'26	2°15'52	
morning rise	-10078 Apr 07 j 05:13	19°♑48'40		
direct	-10078 Apr 09 j 12:07	19°♑33'00		
morning max el	-10078 Apr 18 j 07:21	23°♑42'19	19°05'16	
	-10078 Apr 23 j 13:24	0°♒		
asc. node	-10078 Apr 30 j 13:45	11°♒45'31		
morning set	-10078 May 05 j 01:15	20°♒22'56		
	-10078 May 09 j 22:12	0°♓		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10078 May 13 j 14:51	7°♓11'26	1°37'32
minimum elong	-10078 May 13 j 12:06	6°♓58'12	1°37'01
max. Earth dist.	-10078 May 20 j 01:11	19°♓13'02	1.38326 AU
evening rise	-10078 May 24 j 01:06	26°♓19'32	
	-10078 May 26 j 04:13	0°♈	
	-10078 Jun 14 j 12:13	0°♉	
desc. node	-10078 Jun 16 j 07:13	2°♉28'28	
evening max el	-10078 Jun 28 j 18:24	17°♉33'26	24°38'02
retrograde	-10078 Jul 10 j 03:32	24°♉15'30	
evening set	-10078 Jul 15 j 18:45	21°♉48'43	
min. Earth dist.	-10078 Jul 20 j 08:47	16°♉28'51	0.67013 AU
inferior conj	-10078 Jul 21 j 01:25	15°♉33'00	-1°58'22
minimum elong	-10078 Jul 21 j 03:39	15°♉25'30	1°57'15
morning rise	-10078 Jul 26 j 12:29	9°♉26'45	
asc. node	-10078 Jul 27 j 14:25	8°♉46'32	
direct	-10078 Jul 30 j 06:30	8°♉05'36	
morning max el	-10078 Aug 07 j 04:10	12°♉44'29	20°22'11
	-10078 Aug 20 j 05:03	0°♊	
morning set	-10078 Sep 03 j 13:12	21°♊50'07	
	-10078 Sep 08 j 18:27	0°♋	
desc. node	-10078 Sep 12 j 05:02	5°♋27'09	
max. Earth dist.	-10078 Sep 14 j 07:17	8°♋48'07	1.43572 AU
superior conj	-10078 Sep 19 j 18:16	17°♋40'06	-0°44'54
minimum elong	-10078 Sep 19 j 14:00	17°♋22'35	0°43'49
	-10078 Sep 27 j 03:14	0°♌	
evening rise	-10078 Oct 02 j 15:44	9°♌29'14	
	-10078 Oct 14 j 22:14	0°♍	
evening max el	-10078 Oct 20 j 04:16	6°♍42'44	18°11'22
asc. node	-10078 Oct 23 j 13:41	9°♍22'56	
retrograde	-10078 Oct 26 j 19:08	10°♍15'48	
evening set	-10078 Oct 29 j 11:30	9°♍39'24	
inferior conj	-10078 Nov 04 j 22:13	4°♍19'14	3°22'54
minimum elong	-10078 Nov 04 j 18:31	4°♍29'01	3°22'21
min. Earth dist.	-10078 Nov 07 j 09:33	1°♍43'06	0.63006 AU
	-10078 Nov 09 j 03:49	30°℞♌	
morning rise	-10078 Nov 11 j 00:43	28°♌25'38	
direct	-10078 Nov 18 j 02:04	25°♌45'11	
	-10078 Nov 28 j 00:34	0°♍	
morning max el	-10078 Dec 01 j 18:54	3°♍18'38	27°35'15
desc. node	-10078 Dec 09 j 05:53	11°♍42'13	
	-10078 Dec 21 j 20:27	0°♎	
morning set	-10077 Jan 04 j 17:07	25°♎13'48	
	-10077 Jan 07 j 01:16	0°♏	
max. Earth dist.	-10077 Jan 10 j 05:19	6°♏39'06	1.33319 AU
superior conj	-10077 Jan 12 j 05:48	10°♏58'40	-1°04'54
minimum elong	-10077 Jan 12 j 08:00	11°♏10'30	1°04'54
evening rise	-10077 Jan 19 j 08:03	26°♏11'46	
asc. node	-10077 Jan 19 j 11:32	26°♏30'03	
	-10077 Jan 21 j 04:03	0°♐	
	-10077 Feb 08 j 12:25	0°♑	
evening max el	-10077 Feb 12 j 02:47	3°♑47'12	23°36'13
retrograde	-10077 Feb 25 j 14:31	10°♑24'59	
evening set	-10077 Mar 01 j 10:59	9°♑52'19	
desc. node	-10077 Mar 07 j 06:41	7°♑18'27	
min. Earth dist.	-10077 Mar 08 j 15:10	6°♑31'11	0.56055 AU
inferior conj	-10077 Mar 10 j 12:13	5°♑23'23	-0°49'54
minimum elong	-10077 Mar 10 j 10:10	5°♑26'29	0°49'50
morning rise	-10077 Mar 19 j 11:54	1°♑20'09	
direct	-10077 Mar 21 j 17:30	1°♑07'30	
morning max el	-10077 Apr 01 j 02:23	6°♑00'27	20°05'32
	-10077 Apr 16 j 18:13	0°♒	
asc. node	-10077 Apr 17 j 10:38	1°♒21'10	
morning set	-10077 Apr 19 j 03:59	4°♒48'16	
superior conj	-10077 Apr 27 j 02:11	20°♒53'37	1°20'54
minimum elong	-10077 Apr 26 j 23:14	20°♒38'49	1°20'07
	-10077 May 01 j 17:29	0°♓	
max. Earth dist.	-10077 May 02 j 05:05	0°♓55'36	1.36581 AU
evening rise	-10077 May 06 j 07:54	8°♓37'35	
	-10077 May 18 j 21:24	0°♈	
desc. node	-10077 Jun 03 j 04:37	21°♈52'01	
	-10077 Jun 10 j 05:37	0°♉	
evening max el	-10077 Jun 11 j 04:11	0°♉57'00	25°51'24
retrograde	-10077 Jun 23 j 12:34	8°♉07'16	
evening set	-10077 Jun 29 j 17:57	5°♉25'32	
min. Earth dist.	-10077 Jul 03 j 23:00	0°♉44'37	0.66429 AU
	-10077 Jul 04 j 12:57	30°℞♈	
inferior conj	-10077 Jul 05 j 04:06	29°♈11'18	-2°37'29
minimum elong	-10077 Jul 05 j 06:42	29°♈03'00	2°36'33
morning rise	-10077 Jul 10 j 19:31	23°♈16'11	
direct	-10077 Jul 14 j 04:26	22°♈10'21	
asc. node	-10077 Jul 14 j 11:16	22°♈10'48	
morning max el	-10077 Jul 21 j 08:15	26°♈16'36	19°22'07
	-10077 Jul 24 j 13:29	0°♉	
morning set	-10077 Aug 13 j 20:45	0°♊33'07	
	-10077 Aug 13 j 12:20	0°♊	
max. Earth dist.	-10077 Aug 27 j 22:27	22°♊43'30	1.44431 AU
superior conj	-10077 Aug 30 j 07:01	26°♊28'04	-0°01'15
minimum elong	-10077 Aug 30 j 06:56	26°♊27'44	0°00'39
behind sun begin	-10077 Aug 29 j 19:43	25°♊43'08	
behind sun end	-10077 Aug 30 j 18:09	27°♊12'24	
desc. node	-10077 Aug 30 j 02:07	26°♊08'33	
	-10077 Sep 01 j 12:10	0°♋	
evening rise	-10077 Sep 14 j 05:27	20°♋39'47	
	-10077 Sep 19 j 21:17	0°♌	
evening max el	-10077 Oct 03 j 17:26	20°♌08'10	18°32'26
retrograde	-10077 Oct 10 j 09:33	23°♌50'32	
asc. node	-10077 Oct 10 j 10:52	23°♌50'31	
evening set	-10077 Oct 13 j 06:56	23°♌04'25	
inferior conj	-10077 Oct 19 j 08:23	17°♌27'24	2°38'27
minimum elong	-10077 Oct 19 j 05:02	17°♌37'09	2°37'52
min. Earth dist.	-10077 Oct 21 j 06:28	15°♌13'25	0.64465 AU
morning rise	-10077 Oct 25 j 02:34	11°♌21'56	
direct	-10077 Oct 31 j 21:02	8°♌35'57	
morning max el	-10077 Nov 14 j 04:29	16°♌09'04	27°11'18
	-10077 Nov 25 j 18:58	0°♍	
desc. node	-10077 Nov 26 j 02:34	0°♍26'06	
	-10077 Dec 14 j 13:10	0°♎	
morning set	-10077 Dec 19 j 09:54	9°♎10'33	
max. Earth dist.	-10077 Dec 24 j 05:14	18°♎48'01	1.34170 AU
superior conj	-10077 Dec 27 j 11:38	25°♎36'17	-1°21'53
minimum elong	-10077 Dec 27 j 13:54	25°♎48'12	1°21'49
	-10077 Dec 29 j 13:28	0°♏	
evening rise	-10076 Jan 03 j 18:38	11°♏02'09	
asc. node	-10076 Jan 06 j 08:47	16°♏21'04	
	-10076 Jan 13 j 17:27	0°♐	
evening max el	-10076 Jan 24 j 22:17	14°♐42'03	22°03'01
retrograde	-10076 Feb 06 j 08:25	20°♐37'53	
evening set	-10076 Feb 09 j 08:45	20°♐17'44	
inferior conj	-10076 Feb 18 j 12:22	16°♐11'57	0°56'58
minimum elong	-10076 Feb 18 j 14:49	16°♐08'26	0°55'37
min. Earth dist.	-10076 Feb 18 j 06:00	16°♐21'00	0.55415 AU
desc. node	-10076 Feb 22 j 03:39	14°♐12'35	
morning rise	-10076 Feb 27 j 21:29	12°♐07'39	
direct	-10076 Mar 01 j 09:44	11°♐53'20	
morning max el	-10076 Mar 13 j 10:30	17°♐38'33	21°24'19
	-10076 Mar 23 j 01:03	0°♑	
morning set	-10076 Apr 02 j 12:01	19°♑33'47	
asc. node	-10076 Apr 03 j 07:35	21°♑14'53	
	-10076 Apr 07 j 12:06	0°♒	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10076 Apr 09 j 23:26	5°♒08'56	1°00'23
minimum elong	-10076 Apr 09 j 20:58	4°♒56'11	0°59'28
max. Earth dist.	-10076 Apr 13 j 17:29	12°♒48'25	1.35133 AU
evening rise	-10076 Apr 18 j 08:47	21°♒52'56	
	-10076 Apr 22 j 17:53	0°♓	
	-10076 May 11 j 15:27	0°♈	
desc. node	-10076 May 20 j 02:01	10°♈34'25	
evening max el	-10076 May 23 j 14:43	14°♈17'33	26°48'24
retrograde	-10076 Jun 05 j 16:49	21°♈44'16	
evening set	-10076 Jun 12 j 09:36	18°♈56'16	
min. Earth dist.	-10076 Jun 16 j 07:07	14°♈54'07	0.65465 AU
inferior conj	-10076 Jun 18 j 01:59	12°♈45'48	-3°09'11
minimum elong	-10076 Jun 18 j 04:27	12°♈38'25	3°08'39
morning rise	-10076 Jun 23 j 23:34	7°♈04'32	
direct	-10076 Jun 27 j 01:21	6°♈11'36	
asc. node	-10076 Jun 30 j 08:07	7°♈09'14	
morning max el	-10076 Jul 03 j 17:44	9°♈53'45	18°37'34
	-10076 Jul 17 j 18:04	0°♉	
morning set	-10076 Jul 24 j 01:10	10°♉14'33	
	-10076 Aug 05 j 07:53	0°♊	
superior conj	-10076 Aug 08 j 06:41	4°♊40'52	0°45'10
minimum elong	-10076 Aug 08 j 11:56	5°♊01'40	0°45'02
max. Earth dist.	-10076 Aug 09 j 15:05	6°♊49'07	1.44594 AU
desc. node	-10076 Aug 15 j 23:16	16°♊49'56	
	-10076 Aug 24 j 07:13	0°♋	
evening rise	-10076 Aug 24 j 16:38	0°♋37'17	
	-10076 Sep 13 j 01:25	0°♌	
evening max el	-10076 Sep 16 j 04:08	3°♌36'47	19°10'46
retrograde	-10076 Sep 23 j 04:26	7°♌36'50	
evening set	-10076 Sep 26 j 09:07	6°♌37'56	
asc. node	-10076 Sep 26 j 08:01	6°♌39'36	
inferior conj	-10076 Oct 02 j 02:59	0°♌47'17	1°48'40
minimum elong	-10076 Oct 02 j 00:33	0°♌54'57	1°48'18
	-10076 Oct 02 j 18:01	30°℞♋	
min. Earth dist.	-10076 Oct 03 j 12:24	29°♋02'26	0.65613 AU
morning rise	-10076 Oct 07 j 15:35	24°♋33'32	
direct	-10076 Oct 13 j 22:22	21°♋53'21	
morning max el	-10076 Oct 26 j 14:35	29°♋16'08	26°19'33
	-10076 Oct 27 j 07:58	0°♌	
desc. node	-10076 Nov 11 j 23:18	19°♌50'13	
	-10076 Nov 18 j 14:58	0°♍	
morning set	-10076 Dec 01 j 14:08	22°♍25'16	
	-10076 Dec 05 j 13:14	0°♎	
max. Earth dist.	-10076 Dec 05 j 18:11	0°♎24'13	1.35453 AU
superior conj	-10076 Dec 10 j 11:23	9°♎51'26	-1°34'39
minimum elong	-10076 Dec 10 j 13:09	10°♎00'29	1°34'34
evening rise	-10076 Dec 18 j 02:49	25°♎40'14	
	-10076 Dec 20 j 05:56	0°♏	
asc. node	-10076 Dec 23 j 06:04	5°♏52'41	
evening max el	-10075 Jan 06 j 01:31	26°♏02'03	20°39'05
	-10075 Jan 11 j 18:33	0°♐	
retrograde	-10075 Jan 16 j 22:57	1°♐08'56	
evening set	-10075 Jan 19 j 14:02	0°♐52'18	
	-10075 Jan 22 j 10:32	30°℞♏	
inferior conj	-10075 Jan 28 j 10:02	26°♏53'53	2°37'10
minimum elong	-10075 Jan 28 j 15:38	26°♏45'40	2°35'15
min. Earth dist.	-10075 Jan 29 j 20:10	26°♏03'52	0.55664 AU
morning rise	-10075 Feb 06 j 15:42	22°♏32'45	
desc. node	-10075 Feb 08 j 00:34	22°♏16'33	
direct	-10075 Feb 10 j 01:07	22°♏07'26	
morning max el	-10075 Feb 23 j 08:08	28°♏39'35	22°57'02
	-10075 Feb 24 j 16:27	0°♐	
	-10075 Mar 15 j 18:14	0°♑	
morning set	-10075 Mar 17 j 23:15	4°♑32'49	
asc. node	-10075 Mar 21 j 04:36	11°♑21'28	
superior conj	-10075 Mar 25 j 03:35	19°♑48'08	0°37'41
minimum elong	-10075 Mar 25 j 01:59	19°♑39'39	0°36'50
max. Earth dist.	-10075 Mar 27 j 16:15	25°♑07'50	1.34038 AU
	-10075 Mar 30 j 00:50	0°♒	
evening rise	-10075 Apr 01 j 22:44	5°♒50'48	
	-10075 Apr 15 j 09:32	0°♓	
evening max el	-10075 May 06 j 01:34	27°♓26'57	27°21'09
desc. node	-10075 May 06 j 23:22	28°♓18'49	
	-10075 May 08 j 21:13	0°♈	
retrograde	-10075 May 19 j 15:35	4°♈59'14	
evening set	-10075 May 26 j 14:51	2°♈17'00	
	-10075 May 29 j 04:02	30°℞♓	
min. Earth dist.	-10075 May 30 j 07:16	28°♓49'38	0.64113 AU
inferior conj	-10075 Jun 01 j 16:39	26°♓12'59	-3°30'58
minimum elong	-10075 Jun 01 j 18:20	26°♓08'24	3°30'54
morning rise	-10075 Jun 07 j 22:28	20°♓48'05	
direct	-10075 Jun 10 j 18:52	20°♓05'53	
asc. node	-10075 Jun 17 j 04:58	23°♓28'47	
morning max el	-10075 Jun 17 j 06:41	23°♓33'03	18°10'09
	-10075 Jun 22 j 10:10	0°♈	
morning set	-10075 Jul 05 j 07:20	21°♈08'18	
	-10075 Jul 10 j 13:09	0°♉	
superior conj	-10075 Jul 18 j 15:47	13°♉22'56	1°22'18
minimum elong	-10075 Jul 18 j 22:08	13°♉48'40	1°22'05
max. Earth dist.	-10075 Jul 23 j 06:38	20°♉49'07	1.44059 AU
	-10075 Jul 29 j 01:48	0°♊	
desc. node	-10075 Aug 02 j 20:30	7°♊28'15	
evening rise	-10075 Aug 04 j 03:07	9°♊27'12	
greatest brilliancy	-10075 Aug 17 j 01:45	29°♊14'56	-0.6m
	-10075 Aug 17 j 13:51	0°♋	
evening max el	-10075 Aug 30 j 10:00	17°♋04'59	20°04'48
retrograde	-10075 Sep 07 j 01:03	21°♋31'08	
evening set	-10075 Sep 10 j 15:27	20°♋16'03	
asc. node	-10075 Sep 13 j 05:09	17°♋54'29	
inferior conj	-10075 Sep 16 j 03:28	14°♋14'55	0°56'35
minimum elong	-10075 Sep 16 j 02:11	14°♋19'12	0°56'38
min. Earth dist.	-10075 Sep 17 j 01:15	13°♋02'47	0.66450 AU
morning rise	-10075 Sep 21 j 12:39	7°♋56'29	
direct	-10075 Sep 27 j 05:20	5°♋30'06	
morning max el	-10075 Oct 09 j 00:02	12°♋29'28	25°08'04
	-10075 Oct 23 j 04:26	0°♌	
desc. node	-10075 Oct 29 j 20:02	9°♌42'34	
	-10075 Nov 11 j 08:22	0°♍	
morning set	-10075 Nov 14 j 00:51	4°♍43'07	
max. Earth dist.	-10075 Nov 17 j 21:02	11°♍42'09	1.37148 AU
superior conj	-10075 Nov 24 j 01:59	23°♍34'28	-1°41'36
minimum elong	-10075 Nov 24 j 02:35	23°♍37'24	1°41'28
	-10075 Nov 27 j 07:33	0°♎	
evening rise	-10075 Dec 02 j 06:37	9°♎59'41	
asc. node	-10075 Dec 10 j 03:22	24°♎57'12	
	-10075 Dec 13 j 05:45	0°♏	
evening max el	-10075 Dec 19 j 14:48	7°♏55'24	19°31'22
retrograde	-10075 Dec 28 j 22:20	12°♏19'24	
evening set	-10075 Dec 31 j 10:58	12°♏01'28	
inferior conj	-10074 Jan 08 j 18:06	7°♏53'48	3°45'22
minimum elong	-10074 Jan 08 j 22:37	7°♏46'26	3°44'20
min. Earth dist.	-10074 Jan 11 j 09:49	6°♏10'26	0.56728 AU
morning rise	-10074 Jan 17 j 08:05	3°♏08'09	
direct	-10074 Jan 22 j 01:10	2°♏17'48	
desc. node	-10074 Jan 25 j 21:25	2°♏51'57	
morning max el	-10074 Feb 04 j 23:21	9°♏19'48	24°34'08
	-10074 Feb 20 j 06:51	0°♐	
morning set	-10074 Mar 02 j 11:45	19°♐37'33	
	-10074 Mar 07 j 08:04	0°♑	
asc. node	-10074 Mar 08 j 01:40	1°♑35'19	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10074 Mar 09 j 12:09	4°♉41'57	0°14'02	
minimum elong	-10074 Mar 09 j 11:34	4°♉38'49	0°13'21	
behind sun begin	-10074 Mar 09 j 08:51	4°♉24'05		
behind sun end	-10074 Mar 09 j 14:18	4°♉53'32		
max. Earth dist.	-10074 Mar 10 j 23:30	7°♉52'28	1.33291 AU	
evening rise	-10074 Mar 16 j 21:46	20°♉17'07		
	-10074 Mar 21 j 20:57	0°♒		
	-10074 Apr 09 j 13:49	0°♓		
evening max el	-10074 Apr 18 j 10:30	10°♓11'52	27°23'50	
desc. node	-10074 Apr 23 j 20:41	14°♓40'33		
retrograde	-10074 May 02 j 07:53	17°♓42'52		
evening set	-10074 May 09 j 06:12	15°♓19'43		
min. Earth dist.	-10074 May 12 j 22:13	12°♓18'22	0.62401 AU	
inferior conj	-10074 May 15 j 21:05	9°♓25'57	-3°39'09	
minimum elong	-10074 May 15 j 21:13	9°♓25'35	3°39'25	
morning rise	-10074 May 22 j 13:32	4°♓19'45		
direct	-10074 May 25 j 05:46	3°♓46'37		
morning max el	-10074 May 31 j 20:42	7°♓09'00	18°01'00	
asc. node	-10074 Jun 04 j 01:51	10°♓53'00		
	-10074 Jun 15 j 18:16	0°♈		
morning set	-10074 Jun 17 j 12:30	3°♈08'00		
superior conj	-10074 Jun 29 j 01:40	23°♈18'24	1°43'39	
minimum elong	-10074 Jun 29 j 05:05	23°♈32'49	1°43'41	
	-10074 Jul 03 j 01:33	0°♉		
max. Earth dist.	-10074 Jul 05 j 18:42	4°♉27'43	1.42895 AU	
evening rise	-10074 Jul 14 j 03:54	17°♉51'00		
desc. node	-10074 Jul 20 j 17:48	28°♉00'13		
	-10074 Jul 22 j 01:22	0°♊		
	-10074 Aug 12 j 21:39	0°♋		
evening max el	-10074 Aug 13 j 09:22	0°♋30'19	21°12'18	
retrograde	-10074 Aug 21 j 21:27	5°♋31'00		
evening set	-10074 Aug 25 j 23:43	3°♋56'45		
	-10074 Aug 29 j 16:22	30°℞♊		
inferior conj	-10074 Aug 31 j 07:41	27°♊47'55	0°04'26	
minimum elong	-10074 Aug 31 j 07:34	27°♊48'19	0°04'57	
transit middle	-10074 Aug 31 j 07:34	27°♊48'19	0°04'57	
transit begin	-10074 Aug 31 j 04:59	27°♊57'10		
transit end	-10074 Aug 31 j 10:10	27°♊39'28		
asc. node	-10074 Aug 31 j 02:13	28°♊06'37		
min. Earth dist.	-10074 Aug 31 j 18:40	27°♊10'20	0.66987 AU	
morning rise	-10074 Sep 05 j 15:17	21°♊28'27		
direct	-10074 Sep 10 j 17:20	19°♊20'08		
morning max el	-10074 Sep 21 j 09:52	25°♊44'40	23°45'55	
	-10074 Sep 25 j 06:43	0°♋		
desc. node	-10074 Oct 16 j 16:50	29°♋54'52		
	-10074 Oct 16 j 18:09	0°♌		
morning set	-10074 Oct 26 j 12:32	15°♌50'03		
max. Earth dist.	-10074 Oct 30 j 19:22	23°♌13'28	1.39106 AU	
	-10074 Nov 03 j 14:14	0°♍		
superior conj	-10074 Nov 07 j 03:29	6°♍34'00	-1°40'40	
minimum elong	-10074 Nov 07 j 02:11	6°♍27'55	1°40'20	
evening rise	-10074 Nov 16 j 03:40	23°♍54'26		
	-10074 Nov 19 j 07:35	0°♎		
asc. node	-10074 Nov 27 j 00:41	13°♎25'31		
evening max el	-10074 Dec 02 j 13:45	20°♎21'14	18°43'14	
retrograde	-10074 Dec 10 j 14:58	24°♎15'28		
evening set	-10074 Dec 13 j 03:03	23°♎54'16		
inferior conj	-10074 Dec 20 j 20:24	19°♎27'46	4°14'04	
minimum elong	-10074 Dec 20 j 21:26	19°♎25'50	4°13'53	
min. Earth dist.	-10074 Dec 24 j 01:15	17°♎04'14	0.58349 AU	
morning rise	-10074 Dec 28 j 13:52	14°♎18'13		
direct	-10073 Jan 03 j 12:46	12°♎51'30		
desc. node	-10073 Jan 12 j 18:14	16°♎08'11		
morning max el	-10073 Jan 17 j 15:08	20°♎08'46	26°01'13	
	-10073 Jan 26 j 02:23	0°♏		
	-10073 Feb 12 j 17:07	0°♐		
morning set	-10073 Feb 14 j 23:43	4°♐41'36		
superior conj	-10073 Feb 21 j 23:13	19°♐43'52	-0°09'37	
minimum elong	-10073 Feb 21 j 23:38	19°♐46'12	0°10'06	
behind sun begin	-10073 Feb 21 j 19:46	19°♐25'05		
behind sun end	-10073 Feb 22 j 03:30	20°♐07'19		
max. Earth dist.	-10073 Feb 22 j 11:48	20°♐52'31	1.32870 AU	
asc. node	-10073 Feb 22 j 22:46	21°♐52'13		
	-10073 Feb 26 j 17:18	0°♑		
evening rise	-10073 Mar 01 j 02:56	5°♑02'04		
	-10073 Mar 14 j 14:27	0°♒		
evening max el	-10073 Mar 31 j 14:54	22°♒21'16	26°53'40	
desc. node	-10073 Apr 10 j 17:58	29°♒07'49		
retrograde	-10073 Apr 14 j 16:35	29°♒47'28		
evening set	-10073 Apr 21 j 04:14	27°♒54'54		
min. Earth dist.	-10073 Apr 25 j 04:00	25°♒06'04	0.60443 AU	
inferior conj	-10073 Apr 28 j 11:44	22°♒16'29	-3°28'20	
minimum elong	-10073 Apr 28 j 09:46	22°♒20'41	3°28'33	
morning rise	-10073 May 05 j 17:32	17°♒30'42		
direct	-10073 May 08 j 06:05	17°♒05'28		
morning max el	-10073 May 15 j 09:08	20°♒34'49	18°10'41	
asc. node	-10073 May 21 j 22:41	29°♒07'24		
	-10073 May 22 j 11:51	0°♓		
morning set	-10073 May 31 j 11:43	16°♓01'30		
	-10073 Jun 08 j 01:24	0°♈		
superior conj	-10073 Jun 10 j 14:26	4°♈34'24	1°49'52	
minimum elong	-10073 Jun 10 j 14:25	4°♈34'20	1°49'51	
max. Earth dist.	-10073 Jun 18 j 00:56	17°♈28'11	1.41261 AU	
evening rise	-10073 Jun 23 j 17:11	26°♈50'45		
	-10073 Jun 25 j 16:16	0°♉		
desc. node	-10073 Jul 07 j 15:10	18°♉21'22		
	-10073 Jul 15 j 19:01	0°♊		
evening max el	-10073 Jul 27 j 01:55	13°♊51'46	22°29'46	
retrograde	-10073 Aug 05 j 16:02	19°♊33'09		
evening set	-10073 Aug 10 j 07:55	17°♊37'58		
inferior conj	-10073 Aug 15 j 13:44	11°♊24'15	-0°46'02	
minimum elong	-10073 Aug 15 j 14:42	11°♊20'54	0°45'07	
min. Earth dist.	-10073 Aug 15 j 14:19	11°♊22'15	0.67234 AU	
asc. node	-10073 Aug 17 j 23:14	8°♊11'47		
morning rise	-10073 Aug 20 j 21:25	5°♊07'08		
direct	-10073 Aug 25 j 09:36	3°♊18'05		
morning max el	-10073 Sep 03 j 22:23	9°♊01'21	22°21'41	
	-10073 Sep 20 j 03:19	0°♋		
desc. node	-10073 Oct 03 j 13:41	20°♋20'27		
morning set	-10073 Oct 06 j 21:18	25°♋37'58		
	-10073 Oct 09 j 13:42	0°♌		
max. Earth dist.	-10073 Oct 12 j 19:40	5°♌23'53	1.41079 AU	
superior conj	-10073 Oct 20 j 10:35	18°♌35'09	-1°29'18	
minimum elong	-10073 Oct 20 j 07:02	18°♌19'23	1°28'37	
	-10073 Oct 26 j 17:13	0°♍		
evening rise	-10073 Oct 30 j 14:54	7°♍16'11		
	-10073 Nov 13 j 00:58	0°♎		
asc. node	-10073 Nov 13 j 21:58	1°♎05'41		
evening max el	-10073 Nov 15 j 20:17	3°♎12'47	18°15'27	
retrograde	-10073 Nov 23 j 01:09	6°♎50'18		
evening set	-10073 Nov 25 j 13:36	6°♎24'36		
inferior conj	-10073 Dec 02 j 18:03	1°♎36'39	4°10'14	
minimum elong	-10073 Dec 02 j 16:03	1°♎40'59	4°10'07	
	-10073 Dec 04 j 14:19	30°℞♍		
min. Earth dist.	-10073 Dec 05 j 22:05	28°♍52'28	0.60209 AU	
morning rise	-10073 Dec 09 j 16:59	26°♍07'07		
direct	-10073 Dec 16 j 11:22	24°♍03'10		
	-10073 Dec 28 j 21:31	0°♎		
morning max el	-10073 Dec 30 j 12:23	1°♎29'31	27°04'06	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10073 Dec 30 j 14:58	1°♎35'44		
	-10072 Jan 20 j 03:44	0°♏		
morning set	-10072 Jan 30 j 09:20	19°♏38'01		
	-10072 Feb 04 j 06:14	0°♐		
superior conj	-10072 Feb 06 j 11:03	4°♐47'42	-0°32'27	
minimum elong	-10072 Feb 06 j 12:22	4°♐54'52	0°32'43	
max. Earth dist.	-10072 Feb 06 j 01:24	3°♐55'02	1.32768 AU	
asc. node	-10072 Feb 09 j 19:54	12°♐08'10		
evening rise	-10072 Feb 13 j 11:57	19°♐57'33		
	-10072 Feb 18 j 11:33	0°♑		
	-10072 Mar 08 j 20:54	0°♒		
evening max el	-10072 Mar 12 j 13:33	3°♒52'26	25°52'58	
retrograde	-10072 Mar 26 j 16:20	11°♒08'57		
desc. node	-10072 Mar 27 j 15:10	11°♒06'44		
evening set	-10072 Apr 01 j 06:56	9°♒52'23		
min. Earth dist.	-10072 Apr 06 j 02:40	7°♒00'40	0.58461 AU	
inferior conj	-10072 Apr 09 j 09:04	4°♒36'16	-2°51'40	
minimum elong	-10072 Apr 09 j 05:17	4°♒43'18	2°51'26	
morning rise	-10072 Apr 17 j 06:46	0°♒10'38		
	-10072 Apr 18 j 02:42	30°℞♑		
direct	-10072 Apr 19 j 15:30	29°♑52'06		
	-10072 Apr 21 j 03:43	0°♒		
morning max el	-10072 Apr 27 j 17:11	3°♒42'36	18°39'44	
asc. node	-10072 May 07 j 19:31	18°♒00'36		
morning set	-10072 May 14 j 00:28	29°♒38'19		
	-10072 May 14 j 04:58	0°♓		
superior conj	-10072 May 23 j 01:33	16°♓59'19	1°44'28	
minimum elong	-10072 May 22 j 23:24	16°♓49'14	1°44'10	
max. Earth dist.	-10072 May 30 j 01:57	29°♓44'47	1.39394 AU	
	-10072 May 30 j 05:24	0°♈		
evening rise	-10072 Jun 03 j 08:31	7°♈07'56		
	-10072 Jun 17 j 17:13	0°♉		
desc. node	-10072 Jun 23 j 12:35	8°♉26'29		
evening max el	-10072 Jul 08 j 13:33	27°♉12'29	23°51'44	
	-10072 Jul 11 j 14:31	0°♊		
retrograde	-10072 Jul 19 j 07:41	3°♊34'47		
evening set	-10072 Jul 24 j 14:12	1°♊18'51		
	-10072 Jul 25 j 22:25	30°℞♉		
inferior conj	-10072 Jul 29 j 19:55	25°♉02'57	-1°33'14	
minimum elong	-10072 Jul 29 j 21:46	24°♉56'38	1°32'07	
min. Earth dist.	-10072 Jul 29 j 09:48	25°♉37'31	0.67182 AU	
asc. node	-10072 Aug 03 j 20:10	19°♉09'45		
morning rise	-10072 Aug 04 j 05:16	18°♉51'38		
direct	-10072 Aug 08 j 05:17	17°♉20'52		
morning max el	-10072 Aug 16 j 16:08	22°♉22'30	21°02'49	
	-10072 Aug 23 j 00:54	0°♊		
	-10072 Sep 12 j 11:29	0°♋		
morning set	-10072 Sep 15 j 06:49	4°♋21'46		
desc. node	-10072 Sep 19 j 10:36	10°♋55'06		
max. Earth dist.	-10072 Sep 24 j 01:40	18°♋21'40	1.42795 AU	
superior conj	-10072 Sep 30 j 17:34	29°♋24'01	-1°05'04	
minimum elong	-10072 Sep 30 j 12:44	29°♋03'37	1°04'01	
	-10072 Oct 01 j 02:05	0°♌		
evening rise	-10072 Oct 12 j 12:27	19°♌56'16		
	-10072 Oct 18 j 04:45	0°♍		
evening max el	-10072 Oct 29 j 07:45	16°♍23'04	18°07'26	
asc. node	-10072 Oct 30 j 19:13	17°♍43'45		
retrograde	-10072 Nov 05 j 01:22	19°♍54'51		
evening set	-10072 Nov 07 j 15:46	19°♍23'03		
inferior conj	-10072 Nov 14 j 08:34	14°♍14'18	3°44'21	
minimum elong	-10072 Nov 14 j 05:05	14°♍22'54	3°43'57	
min. Earth dist.	-10072 Nov 17 j 03:17	11°♍30'06	0.62042 AU	
morning rise	-10072 Nov 20 j 17:20	8°♍28'36		
direct	-10072 Nov 27 j 19:14	5°♍57'05		
morning max el	-10072 Dec 11 j 15:49	13°♍29'24	27°33'54	
desc. node	-10072 Dec 16 j 11:38	18°♍40'27		
	-10072 Dec 25 j 01:10	0°♎		
	-10071 Jan 11 j 11:01	0°♏		
morning set	-10071 Jan 13 j 14:31	4°♏18'43		
max. Earth dist.	-10071 Jan 19 j 12:30	16°♏45'47	1.33007 AU	
superior conj	-10071 Jan 20 j 22:00	19°♏46'56	-0°53'43	
minimum elong	-10071 Jan 20 j 23:58	19°♏57'36	0°53'47	
	-10071 Jan 25 j 15:10	0°♐		
asc. node	-10071 Jan 26 j 17:05	2°♐18'34		
evening rise	-10071 Jan 27 j 22:55	4°♐56'20		
	-10071 Feb 10 j 12:01	0°♑		
evening max el	-10071 Feb 22 j 07:41	14°♑53'44	24°29'41	
retrograde	-10071 Mar 08 j 04:33	21°♑49'46		
evening set	-10071 Mar 12 j 15:49	21°♑04'41		
desc. node	-10071 Mar 14 j 12:16	20°♑21'22		
min. Earth dist.	-10071 Mar 18 j 20:57	17°♑57'17	0.56767 AU	
inferior conj	-10071 Mar 21 j 10:40	16°♑18'04	-1°43'17	
minimum elong	-10071 Mar 21 j 07:03	16°♑23'56	1°42'50	
morning rise	-10071 Mar 30 j 01:25	12°♑08'40		
direct	-10071 Apr 01 j 06:58	11°♑54'50		
morning max el	-10071 Apr 10 j 17:45	16°♑21'38	19°28'31	
	-10071 Apr 20 j 16:03	0°♒		
asc. node	-10071 Apr 24 j 16:22	7°♒22'51		
morning set	-10071 Apr 27 j 22:59	13°♒48'14		
superior conj	-10071 May 06 j 05:25	0°♓16'57	1°31'06	
minimum elong	-10071 May 06 j 02:28	0°♓02'30	1°30'27	
	-10071 May 06 j 01:57	0°♓		
max. Earth dist.	-10071 May 12 j 02:44	11°♓31'18	1.37552 AU	
evening rise	-10071 May 16 j 02:22	18°♓45'51		
	-10071 May 22 j 15:16	0°♈		
desc. node	-10071 Jun 10 j 10:01	28°♈07'50		
	-10071 Jun 11 j 20:18	0°♉		
evening max el	-10071 Jun 20 j 23:21	10°♉35'16	25°10'47	
retrograde	-10071 Jul 02 j 19:18	17°♉31'10		
evening set	-10071 Jul 08 j 16:35	14°♉57'27		
min. Earth dist.	-10071 Jul 13 j 02:43	9°♉53'40	0.66804 AU	
inferior conj	-10071 Jul 14 j 00:25	8°♉41'58	-2°15'45	
minimum elong	-10071 Jul 14 j 02:51	8°♉33'55	2°14'41	
morning rise	-10071 Jul 19 j 13:05	2°♉39'48		
asc. node	-10071 Jul 21 j 17:03	1°♉36'51		
direct	-10071 Jul 23 j 02:57	1°♉25'25		
morning max el	-10071 Jul 30 j 16:21	5°♉49'49	19°54'49	
	-10071 Aug 17 j 02:19	0°♊		
morning set	-10071 Aug 25 j 08:58	12°♊47'53		
	-10071 Sep 05 j 07:44	0°♋		
desc. node	-10071 Sep 06 j 07:39	1°♋35'10		
max. Earth dist.	-10071 Sep 06 j 13:50	1°♋59'47	1.44015 AU	
superior conj	-10071 Sep 10 j 20:53	8°♋53'22	-0°27'27	
minimum elong	-10071 Sep 10 j 17:56	8°♋41'26	0°26'29	
	-10071 Sep 23 j 14:57	0°♌		
evening rise	-10071 Sep 24 j 15:21	1°♌43'20		
evening max el	-10071 Oct 12 j 21:13	29°♌45'34	18°18'14	
	-10071 Oct 13 j 02:58	0°♍		
asc. node	-10071 Oct 17 j 16:26	3°♍04'04		
retrograde	-10071 Oct 19 j 11:40	3°♍21'13		
evening set	-10071 Oct 22 j 05:56	2°♍41'02		
	-10071 Oct 25 j 21:00	30°℞♌		
inferior conj	-10071 Oct 28 j 12:33	27°♌13'37	3°04'58	
minimum elong	-10071 Oct 28 j 08:54	27°♌23'40	3°04'21	
min. Earth dist.	-10071 Oct 30 j 18:22	24°♌45'36	0.63666 AU	
morning rise	-10071 Nov 03 j 11:08	21°♌14'47		
direct	-10071 Nov 10 j 10:33	18°♌30'04		
morning max el	-10071 Nov 23 j 23:42	26°♌04'09	27°28'50	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10071 Nov 27 j 17:02	0°♍		
desc. node	-10071 Dec 03 j 08:18	6°♍54'45		
	-10071 Dec 18 j 12:09	0°♎		
morning set	-10071 Dec 28 j 12:45	18°♎35'05		
max. Earth dist.	-10070 Jan 02 j 17:30	29°♎13'09	1.33629 AU	
	-10070 Jan 03 j 02:25	0°♏		
superior conj	-10070 Jan 05 j 06:19	4°♏35'19	-1°12'32	
minimum elong	-10070 Jan 05 j 08:36	4°♏47'30	1°12'30	
evening rise	-10070 Jan 12 j 10:10	19°♏52'23		
asc. node	-10070 Jan 13 j 14:19	22°♏18'50		
	-10070 Jan 17 j 10:30	0°♐		
evening max el	-10070 Feb 04 j 01:19	25°♐45'10	22°56'11	
	-10070 Feb 09 j 16:37	0°♑		
retrograde	-10070 Feb 17 j 03:46	2°♑05'55		
evening set	-10070 Feb 20 j 14:23	1°♑40'04		
	-10070 Feb 25 j 00:37	30°℞♐		
min. Earth dist.	-10070 Feb 28 j 12:41	28°♐05'49	0.55683 AU	
desc. node	-10070 Mar 01 j 09:16	27°♐35'53		
inferior conj	-10070 Mar 01 j 18:07	27°♐22'59	-0°05'47	
minimum elong	-10070 Mar 01 j 17:50	27°♐23'23	0°06'16	
transit middle	-10070 Mar 01 j 17:50	27°♐23'23	0°06'16	
transit begin	-10070 Mar 01 j 14:06	27°♐28'49		
transit end	-10070 Mar 01 j 21:34	27°♐17'56		
morning rise	-10070 Mar 10 j 22:59	23°♐20'51		
direct	-10070 Mar 13 j 06:08	23°♐08'09		
morning max el	-10070 Mar 24 j 08:14	28°♐23'17	20°36'50	
	-10070 Mar 25 j 22:35	0°♑		
asc. node	-10070 Apr 11 j 13:18	27°♑07'08		
morning set	-10070 Apr 12 j 04:18	28°♑23'19		
	-10070 Apr 12 j 23:13	0°♒		
superior conj	-10070 Apr 19 j 21:24	14°♒14'27	1°12'33	
minimum elong	-10070 Apr 19 j 18:36	14°♒00'09	1°11'42	
max. Earth dist.	-10070 Apr 24 j 09:59	23°♒16'12	1.35932 AU	
	-10070 Apr 27 j 22:14	0°♓		
evening rise	-10070 Apr 28 j 17:37	1°♓30'37		
	-10070 May 15 j 16:22	0°♈		
desc. node	-10070 May 28 j 07:25	17°♈15'29		
evening max el	-10070 Jun 03 j 09:40	23°♈59'07	26°18'12	
	-10070 Jun 11 j 05:40	0°♉		
retrograde	-10070 Jun 16 j 02:14	1°♉17'04		
	-10070 Jun 20 j 12:39	30°℞♈		
evening set	-10070 Jun 22 j 12:53	28°♈31'44		
min. Earth dist.	-10070 Jun 26 j 14:39	24°♈07'19	0.66068 AU	
inferior conj	-10070 Jun 28 j 01:20	22°♈18'59	-2°51'58	
minimum elong	-10070 Jun 28 j 03:57	22°♈10'50	2°51'12	
morning rise	-10070 Jul 03 j 19:07	16°♈29'13		
direct	-10070 Jul 07 j 00:52	15°♈28'58		
asc. node	-10070 Jul 08 j 13:55	15°♈42'11		
morning max el	-10070 Jul 13 j 22:50	19°♈23'42	19°01'06	
	-10070 Jul 22 j 01:38	0°♉		
morning set	-10070 Aug 05 j 00:06	21°♉52'10		
	-10070 Aug 10 j 02:54	0°♊		
max. Earth dist.	-10070 Aug 20 j 06:16	16°♊02'36	1.44589 AU	
superior conj	-10070 Aug 21 j 01:34	17°♊18'56	0°18'52	
minimum elong	-10070 Aug 21 j 03:58	17°♊28'27	0°19'06	
desc. node	-10070 Aug 24 j 04:47	22°♊16'53		
	-10070 Aug 29 j 01:09	0°♋		
evening rise	-10070 Sep 05 j 18:06	12°♋23'32		
	-10070 Sep 16 j 17:04	0°♌		
evening max el	-10070 Sep 26 j 09:44	13°♌13'14	18°46'46	
retrograde	-10070 Oct 03 j 04:19	17°♌01'45		
asc. node	-10070 Oct 04 j 13:38	16°♌50'50		
evening set	-10070 Oct 06 j 04:38	16°♌10'25		
inferior conj	-10070 Oct 12 j 02:38	10°♌27'11	2°17'48	
minimum elong	-10070 Oct 11 j 23:37	10°♌36'16	2°17'16	
min. Earth dist.	-10070 Oct 13 j 19:09	8°♌25'16	0.64993 AU	
morning rise	-10070 Oct 17 j 18:10	4°♌18'05		
direct	-10070 Oct 24 j 08:11	1°♌33'31		
morning max el	-10070 Nov 06 j 09:38	9°♌02'46	26°52'20	
desc. node	-10070 Nov 20 j 05:00	25°♌57'30		
	-10070 Nov 22 j 23:57	0°♍		
	-10070 Dec 10 j 20:13	0°♎		
morning set	-10070 Dec 12 j 00:43	2°♎15'28		
max. Earth dist.	-10070 Dec 16 j 13:07	11°♎08'36	1.34669 AU	
superior conj	-10070 Dec 20 j 09:53	19°♎04'35	-1°27'54	
minimum elong	-10070 Dec 20 j 12:01	19°♎15'41	1°27'49	
	-10070 Dec 25 j 14:39	0°♏		
evening rise	-10070 Dec 27 j 19:58	4°♏38'38		
asc. node	-10070 Dec 31 j 11:35	12°♏02'39		
	-10069 Jan 11 j 02:03	0°♐		
evening max el	-10069 Jan 16 j 23:37	6°♐48'39	21°25'35	
retrograde	-10069 Jan 28 j 18:33	12°♐23'23		
evening set	-10069 Jan 31 j 14:05	12°♐05'23		
inferior conj	-10069 Feb 09 j 15:27	8°♐04'55	1°42'03	
minimum elong	-10069 Feb 09 j 19:40	7°♐58'54	1°40'15	
min. Earth dist.	-10069 Feb 10 j 02:49	7°♐48'44	0.55421 AU	
desc. node	-10069 Feb 16 j 06:11	4°♐44'38		
morning rise	-10069 Feb 19 j 00:56	3°♐55'31		
direct	-10069 Feb 21 j 20:38	3°♐37'54		
morning max el	-10069 Mar 06 j 11:31	9°♐43'52	22°02'28	
	-10069 Mar 20 j 20:10	0°♑		
morning set	-10069 Mar 27 j 13:58	13°♑15'39		
asc. node	-10069 Mar 29 j 10:18	17°♑07'01		
superior conj	-10069 Apr 03 j 21:56	28°♑40'53	0°50'56	
minimum elong	-10069 Apr 03 j 19:48	28°♑29'46	0°50'02	
	-10069 Apr 04 j 13:04	0°♒		
max. Earth dist.	-10069 Apr 07 j 03:10	5°♒20'51	1.34628 AU	
evening rise	-10069 Apr 12 j 00:37	15°♒05'37		
	-10069 Apr 20 j 03:33	0°♓		
	-10069 May 10 j 06:57	0°♈		
desc. node	-10069 May 15 j 04:47	5°♈35'38		
evening max el	-10069 May 16 j 20:36	7°♈16'32	27°05'40	
retrograde	-10069 May 30 j 04:01	14°♈45'59		
evening set	-10069 Jun 06 j 00:30	11°♈58'46		
min. Earth dist.	-10069 Jun 09 j 19:28	8°♈12'23	0.64941 AU	
inferior conj	-10069 Jun 11 j 20:30	5°♈51'00	-3°19'50	
minimum elong	-10069 Jun 11 j 22:43	5°♈44'36	3°19'30	
morning rise	-10069 Jun 17 j 21:19	0°♈16'32		
	-10069 Jun 18 j 10:57	30°℞♓		
direct	-10069 Jun 20 j 20:43	29°♓28'18		
	-10069 Jun 23 j 07:06	0°♈		
asc. node	-10069 Jun 25 j 10:48	1°♈17'17		
morning max el	-10069 Jun 27 j 10:08	3°♈02'30	18°23'48	
	-10069 Jul 15 j 09:25	0°♉		
morning set	-10069 Jul 16 j 15:32	2°♉04'49		
superior conj	-10069 Jul 31 j 02:31	25°♉36'15	1°02'39	
minimum elong	-10069 Jul 31 j 08:55	26°♉01'44	1°02'24	
	-10069 Aug 02 j 20:49	0°♊		
max. Earth dist.	-10069 Aug 02 j 23:27	0°♊10'24	1.44449 AU	
desc. node	-10069 Aug 11 j 02:00	12°♊57'28		
evening rise	-10069 Aug 16 j 18:00	21°♊50'29		
	-10069 Aug 21 j 23:20	0°♋		
greatest brilliancy	-10069 Aug 27 j 09:17	8°♋22'42	-0.7m	
evening max el	-10069 Sep 09 j 18:37	26°♋41'56	19°31'54	
	-10069 Sep 13 j 21:20	0°♌		
retrograde	-10069 Sep 17 j 00:20	0°♌52'07		
evening set	-10069 Sep 20 j 08:55	29°♋46'35		
	-10069 Sep 20 j 00:12	30°℞♋		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10069 Sep 21 j 10:48	28°♋58'16	
inferior conj	-10069 Sep 26 j 00:02	23°♋50'50	1°26'43
minimum elong	-10069 Sep 25 j 22:04	23°♋57'10	1°26'31
min. Earth dist.	-10069 Sep 27 j 04:15	22°♋19'56	0.66002 AU
morning rise	-10069 Oct 01 j 10:56	17°♋34'40	
direct	-10069 Oct 07 j 11:47	14°♋59'57	
morning max el	-10069 Oct 19 j 19:43	22°♋14'13	25°51'10
	-10069 Oct 26 j 16:54	0°♌	
desc. node	-10069 Nov 07 j 01:46	15°♌34'49	
	-10069 Nov 16 j 05:57	0°♍	
morning set	-10069 Nov 24 j 22:10	15°♍07'42	
max. Earth dist.	-10069 Nov 28 j 21:46	22°♍35'40	1.36135 AU
	-10069 Dec 02 j 16:47	0°♎	
superior conj	-10069 Dec 04 j 06:09	3°♎07'00	-1°38'25
minimum elong	-10069 Dec 04 j 07:31	3°♎13'52	1°38'19
evening rise	-10069 Dec 12 j 02:34	19°♎09'35	
	-10069 Dec 17 j 14:47	0°♏	
asc. node	-10069 Dec 18 j 08:53	1°♏23'47	
evening max el	-10069 Dec 30 j 06:51	18°♏21'37	20°07'54
retrograde	-10068 Jan 09 j 11:52	23°♏09'28	
evening set	-10068 Jan 12 j 01:20	22°♏52'41	
inferior conj	-10068 Jan 20 j 16:08	18°♏51'30	3°10'57
minimum elong	-10068 Jan 20 j 21:45	18°♏42'54	3°09'18
min. Earth dist.	-10068 Jan 22 j 16:28	17°♏37'56	0.56031 AU
morning rise	-10068 Jan 29 j 16:18	14°♏20'19	
direct	-10068 Feb 02 j 14:16	13°♏46'26	
desc. node	-10068 Feb 03 j 03:05	13°♏47'05	
morning max el	-10068 Feb 16 j 05:48	20°♏33'11	23°38'39
	-10068 Feb 24 j 05:19	0°♐	
morning set	-10068 Mar 11 j 01:57	28°♐17'53	
	-10068 Mar 11 j 21:23	0°♑	
asc. node	-10068 Mar 15 j 07:19	7°♑17'07	
superior conj	-10068 Mar 18 j 04:13	13°♑27'10	0°27'42
minimum elong	-10068 Mar 18 j 03:03	13°♑20'53	0°26'54
max. Earth dist.	-10068 Mar 20 j 05:49	17°♑51'17	1.33676 AU
evening rise	-10068 Mar 25 j 18:49	29°♑16'31	
	-10068 Mar 26 j 03:32	0°♒	
	-10068 Apr 12 j 06:29	0°♓	
evening max el	-10068 Apr 28 j 06:40	20°♓15'59	27°26'09
desc. node	-10068 May 01 j 02:08	22°♓48'10	
retrograde	-10068 May 12 j 00:13	27°♓48'54	
evening set	-10068 May 19 j 00:17	25°♓12'45	
min. Earth dist.	-10068 May 22 j 15:36	21°♓58'11	0.63422 AU
inferior conj	-10068 May 25 j 07:11	19°♓12'36	-3°36'25
minimum elong	-10068 May 25 j 08:18	19°♓09'41	3°36'31
morning rise	-10068 May 31 j 17:16	13°♓55'46	
direct	-10068 Jun 03 j 11:44	13°♓17'42	
morning max el	-10068 Jun 09 j 23:55	16°♓41'24	18°04'03
asc. node	-10068 Jun 11 j 07:39	18°♓06'11	
	-10068 Jun 19 j 11:47	0°♈	
morning set	-10068 Jun 27 j 07:58	13°♈27'22	
	-10068 Jul 07 j 00:12	0°♉	
superior conj	-10068 Jul 09 j 21:10	4°♉46'36	1°33'23
minimum elong	-10068 Jul 10 j 02:32	5°♉08'44	1°33'17
max. Earth dist.	-10068 Jul 15 j 13:39	14°♉02'30	1.43627 AU
evening rise	-10068 Jul 25 j 21:41	0°♊21'23	
	-10068 Jul 25 j 16:10	0°♊	
desc. node	-10068 Jul 27 j 23:16	3°♊33'18	
	-10068 Aug 14 j 17:40	0°♋	
evening max el	-10068 Aug 22 j 21:43	10°♋08'06	20°32'00
retrograde	-10068 Aug 30 j 21:10	14°♋48'34	
evening set	-10068 Sep 03 j 16:18	13°♋25'42	
asc. node	-10068 Sep 07 j 07:55	9°♋40'30	
inferior conj	-10068 Sep 09 j 02:21	7°♋20'44	0°34'21
minimum elong	-10068 Sep 09 j 01:34	7°♋23'23	0°34'36
min. Earth dist.	-10068 Sep 09 j 19:27	6°♋23'07	0.66708 AU
morning rise	-10068 Sep 14 j 10:37	1°♋01'10	
	-10068 Sep 15 j 18:48	30°℞♊	
direct	-10068 Sep 19 j 20:56	28°♊42'13	
	-10068 Sep 24 j 09:10	0°♋	
morning max el	-10068 Oct 01 j 05:14	5°♋28'43	24°33'54
	-10068 Oct 20 j 05:19	0°♌	
desc. node	-10068 Oct 23 j 22:34	5°♌36'12	
morning set	-10068 Nov 05 j 23:47	26°♌57'02	
	-10068 Nov 07 j 17:25	0°♍	
max. Earth dist.	-10068 Nov 09 j 21:40	3°♍54'06	1.37953 AU
superior conj	-10068 Nov 16 j 15:42	16°♍32'34	-1°42'19
minimum elong	-10068 Nov 16 j 15:34	16°♍31'57	1°42'08
	-10068 Nov 23 j 11:44	0°♎	
evening rise	-10068 Nov 25 j 03:47	3°♎19'02	
asc. node	-10068 Dec 04 j 06:12	20°♎14'14	
	-10068 Dec 11 j 12:21	0°♏	
evening max el	-10068 Dec 12 j 00:25	0°♏29'29	19°08'29
retrograde	-10068 Dec 20 j 18:10	4°♏39'21	
evening set	-10068 Dec 23 j 06:15	4°♏20'20	
inferior conj	-10068 Dec 31 j 07:31	0°♏05'38	4°02'09
minimum elong	-10068 Dec 31 j 10:39	0°♏00'13	4°01'35
	-10068 Dec 31 j 10:47	30°℞♎	
min. Earth dist.	-10067 Jan 03 j 06:56	28°♎02'48	0.57360 AU
morning rise	-10067 Jan 08 j 12:48	25°♎08'57	
direct	-10067 Jan 13 j 19:17	24°♎03'58	
desc. node	-10067 Jan 19 j 23:55	25°♎33'01	
	-10067 Jan 26 j 12:10	0°♏	
morning max el	-10067 Jan 27 j 20:38	1°♏14'43	25°13'17
	-10067 Feb 16 j 21:12	0°♐	
morning set	-10067 Feb 23 j 14:27	13°♐23'39	
asc. node	-10067 Mar 02 j 04:23	27°♐33'09	
superior conj	-10067 Mar 02 j 14:07	28°♐26'03	0°04'00
minimum elong	-10067 Mar 02 j 13:58	28°♐25'14	0°03'23
behind sun begin	-10067 Mar 02 j 09:01	27°♐58'21	
behind sun end	-10067 Mar 02 j 18:55	28°♐52'07	
	-10067 Mar 03 j 07:26	0°♑	
max. Earth dist.	-10067 Mar 03 j 15:30	0°♑43'39	1.33068 AU
evening rise	-10067 Mar 09 j 20:48	13°♑52'28	
	-10067 Mar 18 j 06:17	0°♒	
	-10067 Apr 07 j 20:46	0°♓	
evening max el	-10067 Apr 10 j 13:52	2°♓47'02	27°15'00
desc. node	-10067 Apr 17 j 23:24	8°♓25'52	
retrograde	-10067 Apr 24 j 13:49	10°♓17'15	
evening set	-10067 May 01 j 08:43	8°♓05'51	
min. Earth dist.	-10067 May 05 j 02:41	5°♓11'34	0.61586 AU
inferior conj	-10067 May 08 j 06:13	2°♓17'29	-3°37'19
minimum elong	-10067 May 08 j 05:31	2°♓19'07	3°37'37
	-10067 May 10 j 20:22	30°℞♒	
morning rise	-10067 May 15 j 04:02	27°♒19'54	
direct	-10067 May 17 j 18:31	26°♒50'26	
	-10067 May 24 j 07:34	0°♓	
morning max el	-10067 May 24 j 13:39	0°♓14'33	18°02'43
asc. node	-10067 May 29 j 04:29	5°♓53'35	
morning set	-10067 Jun 09 j 21:25	25°♓51'22	
	-10067 Jun 12 j 04:14	0°♈	
superior conj	-10067 Jun 20 j 18:50	15°♈17'14	1°47'57
minimum elong	-10067 Jun 20 j 20:41	15°♈25'15	1°48'00
max. Earth dist.	-10067 Jun 27 j 22:44	27°♈24'01	1.42245 AU
	-10067 Jun 29 j 12:42	0°♉	
evening rise	-10067 Jul 05 j 01:13	8°♉52'57	
desc. node	-10067 Jul 14 j 20:35	24°♉00'58	
	-10067 Jul 18 j 21:08	0°♊	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10067 Aug 05 j 18:04	23°♊31'19	21°44'21
retrograde	-10067 Aug 14 j 16:58	28°♊49'03	
evening set	-10067 Aug 19 j 00:44	27°♊06'17	
inferior conj	-10067 Aug 24 j 07:34	20°♊55'06	-0°17'18
minimum elong	-10067 Aug 24 j 07:55	20°♊53'51	0°16'35
min. Earth dist.	-10067 Aug 24 j 14:12	20°♊32'14	0.67128 AU
asc. node	-10067 Aug 25 j 04:58	19°♊41'33	
morning rise	-10067 Aug 29 j 14:58	14°♊35'57	
direct	-10067 Sep 03 j 11:00	12°♊35'36	
morning max el	-10067 Sep 13 j 15:42	18°♊43'24	23°09'43
	-10067 Sep 23 j 01:13	0°♋	
desc. node	-10067 Oct 10 j 19:22	25°♋54'23	
	-10067 Oct 13 j 09:29	0°♌	
morning set	-10067 Oct 18 j 00:09	7°♌29'51	
max. Earth dist.	-10067 Oct 22 j 19:28	15°♌36'42	1.39953 AU
superior conj	-10067 Oct 30 j 10:02	29°♌08'44	-1°37'17
minimum elong	-10067 Oct 30 j 07:47	28°♌58'23	1°36'50
	-10067 Oct 30 j 21:11	0°♍	
evening rise	-10067 Nov 08 j 21:02	17°♍00'01	
	-10067 Nov 15 j 20:53	0°♎	
asc. node	-10067 Nov 21 j 03:30	8°♎23'31	
evening max el	-10067 Nov 25 j 02:59	13°♎07'22	18°29'05
retrograde	-10067 Dec 02 j 18:12	16°♎52'34	
evening set	-10067 Dec 05 j 06:24	16°♎29'35	
inferior conj	-10067 Dec 12 j 18:08	11°♎54'26	4°15'46
minimum elong	-10067 Dec 12 j 17:43	11°♎55'16	4°15'43
min. Earth dist.	-10067 Dec 16 j 00:15	9°♎19'20	0.59124 AU
morning rise	-10067 Dec 20 j 03:16	6°♎36'05	
direct	-10067 Dec 26 j 12:13	4°♎52'34	
desc. node	-10066 Jan 06 j 20:41	9°♎48'56	
morning max el	-10066 Jan 09 j 14:08	12°♎14'23	26°31'34
	-10066 Jan 23 j 13:21	0°♏	
morning set	-10066 Feb 08 j 01:38	28°♏25'09	
	-10066 Feb 08 j 19:43	0°♐	
superior conj	-10066 Feb 15 j 01:42	13°♐29'38	-0°19'25
minimum elong	-10066 Feb 15 j 02:31	13°♐34'08	0°19'49
max. Earth dist.	-10066 Feb 15 j 04:44	13°♐46'11	1.32787 AU
asc. node	-10066 Feb 17 j 01:29	17°♐50'13	
evening rise	-10066 Feb 22 j 03:51	28°♐43'04	
	-10066 Feb 22 j 18:43	0°♑	
	-10066 Mar 11 j 16:41	0°♒	
evening max el	-10066 Mar 23 j 16:05	14°♒40'47	26°31'19
desc. node	-10066 Apr 04 j 20:38	21°♒53'51	
retrograde	-10066 Apr 06 j 18:57	22°♒03'15	
evening set	-10066 Apr 12 j 22:36	20°♒26'14	
min. Earth dist.	-10066 Apr 17 j 05:24	17°♒37'37	0.59591 AU
inferior conj	-10066 Apr 20 j 13:56	14°♒56'15	-3°16'24
minimum elong	-10066 Apr 20 j 11:05	15°♒02'01	3°16'28
morning rise	-10066 Apr 28 j 02:11	10°♒18'48	
direct	-10066 Apr 30 j 13:06	9°♒56'35	
morning max el	-10066 May 08 j 00:30	13°♒33'24	18°20'32
asc. node	-10066 May 16 j 01:17	24°♒25'35	
	-10066 May 19 j 05:54	0°♓	
morning set	-10066 May 24 j 02:56	9°♓04'39	
superior conj	-10066 Jun 02 j 17:45	27°♓04'00	1°48'46
minimum elong	-10066 Jun 02 j 16:39	26°♓58'59	1°48'38
	-10066 Jun 04 j 08:38	0°♈	
max. Earth dist.	-10066 Jun 10 j 02:28	10°♈05'34	1.40488 AU
evening rise	-10066 Jun 15 j 00:53	18°♈23'33	
	-10066 Jun 22 j 06:36	0°♉	
desc. node	-10066 Jul 01 j 17:57	14°♉15'54	
	-10066 Jul 13 j 07:22	0°♊	
evening max el	-10066 Jul 19 j 08:22	6°♊52'46	23°04'33
retrograde	-10066 Jul 29 j 10:17	12°♊51'23	
evening set	-10066 Aug 03 j 08:19	10°♊47'22	
inferior conj	-10066 Aug 08 j 13:52	4°♊32'41	-1°06'32
minimum elong	-10066 Aug 08 j 15:15	4°♊27'57	1°05'30
min. Earth dist.	-10066 Aug 08 j 10:03	4°♊45'52	0.67254 AU
asc. node	-10066 Aug 12 j 01:56	0°♊03'02	
	-10066 Aug 12 j 03:02	30°℞♉	
morning rise	-10066 Aug 13 j 22:04	28°♉17'38	
direct	-10066 Aug 18 j 04:58	26°♉36'19	
	-10066 Aug 25 j 03:14	0°♊	
morning max el	-10066 Aug 27 j 06:03	2°♊01'08	21°47'04
	-10066 Sep 17 j 00:50	0°♋	
morning set	-10066 Sep 27 j 21:51	16°♋46'33	
desc. node	-10066 Sep 27 j 16:16	16°♋24'22	
max. Earth dist.	-10066 Oct 04 j 22:08	28°♋08'14	1.41859 AU
	-10066 Oct 06 j 01:02	0°♌	
superior conj	-10066 Oct 12 j 07:38	10°♌41'17	-1°20'43
minimum elong	-10066 Oct 12 j 03:18	10°♌22'28	1°19'51
evening rise	-10066 Oct 23 j 02:58	0°♍05'16	
	-10066 Oct 23 j 01:49	0°♍	
asc. node	-10066 Nov 08 j 00:47	25°♍39'09	
evening max el	-10066 Nov 08 j 12:01	26°♍07'53	18°09'42
retrograde	-10066 Nov 15 j 10:50	29°♍41'27	
evening set	-10066 Nov 18 j 00:03	29°♍13'14	
inferior conj	-10066 Nov 24 j 23:19	24°♍16'03	4°01'23
minimum elong	-10066 Nov 24 j 20:31	24°♍22'31	4°01'10
min. Earth dist.	-10066 Nov 28 j 00:03	21°♍29'50	0.61007 AU
morning rise	-10066 Dec 01 j 15:45	18°♍39'35	
direct	-10066 Dec 08 j 14:50	16°♍22'29	
morning max el	-10066 Dec 22 j 13:56	23°♍50'45	27°21'08
desc. node	-10066 Dec 24 j 17:24	26°♍01'22	
	-10066 Dec 28 j 05:16	0°♎	
	-10065 Jan 16 j 15:36	0°♏	
morning set	-10065 Jan 23 j 09:37	13°♏15'23	
max. Earth dist.	-10065 Jan 29 j 17:50	26°♏45'33	1.32832 AU
superior conj	-10065 Jan 30 j 13:20	28°♏31'47	-0°41'42
minimum elong	-10065 Jan 30 j 14:57	28°♏40'38	0°41'52
	-10065 Jan 31 j 05:31	0°♐	
asc. node	-10065 Feb 03 j 22:38	8°♐04'05	
evening rise	-10065 Feb 06 j 13:54	13°♐40'37	
	-10065 Feb 14 j 21:55	0°♑	
evening max el	-10065 Mar 05 j 12:36	25°♑57'26	25°19'36
	-10065 Mar 10 j 12:17	0°♒	
retrograde	-10065 Mar 19 j 13:34	3°♒05'59	
desc. node	-10065 Mar 22 j 17:47	2°♒42'06	
evening set	-10065 Mar 24 j 17:06	2°♒03'56	
	-10065 Mar 28 j 16:58	30°℞♑	
min. Earth dist.	-10065 Mar 30 j 01:40	29°♑07'07	0.57696 AU
inferior conj	-10065 Apr 02 j 03:00	27°♑00'08	-2°26'41
minimum elong	-10065 Apr 01 j 22:56	27°♑07'15	2°26'16
morning rise	-10065 Apr 10 j 07:57	22°♑41'59	
direct	-10065 Apr 12 j 15:22	22°♑25'36	
morning max el	-10065 Apr 21 j 05:37	26°♑29'22	18°58'00
	-10065 Apr 24 j 09:51	0°♒	
asc. node	-10065 May 02 j 22:06	13°♒31'47	
morning set	-10065 May 07 j 20:14	22°♒56'31	
	-10065 May 11 j 10:26	0°♓	
superior conj	-10065 May 16 j 12:36	9°♓52'43	1°39'35
minimum elong	-10065 May 16 j 09:58	9°♓40'09	1°39'08
max. Earth dist.	-10065 May 23 j 03:07	22°♓08'27	1.38600 AU
evening rise	-10065 May 27 j 03:53	29°♓15'34	
	-10065 May 27 j 14:10	0°♈	
	-10065 Jun 15 j 15:37	0°♉	
desc. node	-10065 Jun 18 j 15:21	4°♉11'40	
evening max el	-10065 Jul 01 j 18:53	20°♉14'06	24°26'13

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10065 Jul 13 j 00:10	26°♉51'18	
evening set	-10065 Jul 18 j 13:11	24°♉27'06	
min. Earth dist.	-10065 Jul 23 j 04:35	19°♉01'42	0.67067 AU
inferior conj	-10065 Jul 23 j 19:32	18°♉11'15	-1°51'56
minimum elong	-10065 Jul 23 j 21:40	18°♉04'01	1°50'49
morning rise	-10065 Jul 29 j 06:07	12°♉03'43	
asc. node	-10065 Jul 29 j 22:50	11°♉35'50	
direct	-10065 Aug 02 j 01:37	10°♉40'13	
morning max el	-10065 Aug 10 j 02:32	15°♉24'43	20°32'22
	-10065 Aug 21 j 08:57	0°♊	
morning set	-10065 Sep 07 j 01:43	25°♊15'34	
	-10065 Sep 10 j 02:34	0°♋	
desc. node	-10065 Sep 14 j 13:14	7°♋01'30	
max. Earth dist.	-10065 Sep 17 j 07:33	11°♋27'04	1.43390 AU
superior conj	-10065 Sep 23 j 02:54	20°♋55'43	-0°50'37
minimum elong	-10065 Sep 22 j 22:22	20°♋36'55	0°49'31
	-10065 Sep 28 j 12:43	0°♌	
evening rise	-10065 Oct 05 j 17:15	12°♌24'13	
	-10065 Oct 16 j 00:59	0°♍	
evening max el	-10065 Oct 23 j 00:37	9°♍23'16	18°09'43
asc. node	-10065 Oct 25 j 22:02	11°♍45'41	
retrograde	-10065 Oct 29 j 15:58	12°♍55'49	
evening set	-10065 Nov 01 j 07:45	12°♍20'42	
inferior conj	-10065 Nov 07 j 19:59	7°♍03'20	3°28'55
minimum elong	-10065 Nov 07 j 16:18	7°♍12'54	3°28'22
min. Earth dist.	-10065 Nov 10 j 09:17	4°♍24'38	0.62765 AU
morning rise	-10065 Nov 13 j 23:59	1°♍11'33	
	-10065 Nov 15 j 19:48	30°℞♌	
direct	-10065 Nov 21 j 01:41	28°♌33'01	
	-10065 Nov 26 j 16:29	0°♍	
morning max el	-10065 Dec 04 j 19:44	6°♍06'27	27°36'01
desc. node	-10065 Dec 11 j 14:05	13°♍37'57	
	-10065 Dec 23 j 02:43	0°♎	
morning set	-10064 Jan 07 j 12:11	27°♎46'19	
	-10064 Jan 08 j 14:30	0°♏	
max. Earth dist.	-10064 Jan 13 j 02:57	9°♏27'52	1.33223 AU
superior conj	-10064 Jan 14 j 23:22	13°♏26'21	-1°02'04
minimum elong	-10064 Jan 15 j 01:31	13°♏37'57	1°02'05
asc. node	-10064 Jan 21 j 19:52	28°♏10'24	
evening rise	-10064 Jan 22 j 01:11	28°♏38'21	
	-10064 Jan 22 j 16:47	0°♐	
	-10064 Feb 09 j 03:16	0°♑	
evening max el	-10064 Feb 15 j 05:42	6°♑50'34	23°50'18
retrograde	-10064 Feb 28 j 20:18	13°♑33'54	
evening set	-10064 Mar 03 j 20:26	12°♑58'23	
desc. node	-10064 Mar 08 j 14:49	10°♑55'36	
min. Earth dist.	-10064 Mar 10 j 18:22	9°♑41'15	0.56213 AU
inferior conj	-10064 Mar 12 j 20:18	8°♑24'54	-1°04'48
minimum elong	-10064 Mar 12 j 17:44	8°♑28'51	1°04'35
morning rise	-10064 Mar 21 j 17:50	4°♑20'35	
direct	-10064 Mar 23 j 23:10	4°♑07'48	
morning max el	-10064 Apr 03 j 02:14	8°♑53'34	19°55'21
	-10064 Apr 17 j 05:08	0°♒	
asc. node	-10064 Apr 18 j 19:00	3°♒04'15	
morning set	-10064 Apr 20 j 22:00	7°♒18'23	
superior conj	-10064 Apr 28 j 22:11	23°♒29'24	1°23'43
minimum elong	-10064 Apr 28 j 19:13	23°♒14'34	1°22'59
	-10064 May 02 j 05:44	0°♓	
max. Earth dist.	-10064 May 04 j 06:01	3°♓51'20	1.36823 AU
evening rise	-10064 May 08 j 07:35	11°♓24'03	
	-10064 May 19 j 04:55	0°♈	
desc. node	-10064 Jun 04 j 12:46	23°♈40'19	
	-10064 Jun 09 j 18:39	0°♉	
evening max el	-10064 Jun 13 j 04:34	3°♉37'21	25°41'16
retrograde	-10064 Jun 25 j 09:58	10°♉44'31	
evening set	-10064 Jul 01 j 13:19	8°♉04'32	
min. Earth dist.	-10064 Jul 05 j 19:37	3°♉17'40	0.66540 AU
inferior conj	-10064 Jul 06 j 22:46	1°♉49'49	-2°31'59
minimum elong	-10064 Jul 07 j 01:20	1°♉41'31	2°31'02
	-10064 Jul 08 j 09:19	30°℞♈	
morning rise	-10064 Jul 12 j 13:25	25°♈52'47	
direct	-10064 Jul 15 j 23:31	24°♈44'53	
asc. node	-10064 Jul 15 j 19:42	24°♈45'02	
morning max el	-10064 Jul 23 j 05:41	28°♈55'41	19°30'04
	-10064 Jul 24 j 05:41	0°♉	
	-10064 Aug 13 j 19:54	0°♊	
morning set	-10064 Aug 16 j 07:12	3°♊52'09	
max. Earth dist.	-10064 Aug 29 j 21:49	25°♊17'31	1.44346 AU
desc. node	-10064 Aug 31 j 10:19	27°♊42'32	
superior conj	-10064 Sep 01 j 19:06	29°♊53'08	-0°08'18
minimum elong	-10064 Sep 01 j 18:10	29°♊49'26	0°07'36
behind sun begin	-10064 Sep 01 j 08:13	29°♊09'45	
behind sun end	-10064 Sep 02 j 04:07	0°♋29'10	
	-10064 Sep 01 j 20:49	0°♋	
evening rise	-10064 Sep 16 j 10:32	23°♋44'23	
	-10064 Sep 20 j 04:54	0°♌	
evening max el	-10064 Oct 05 j 13:56	22°♌47'53	18°28'13
asc. node	-10064 Oct 11 j 19:16	26°♌27'21	
retrograde	-10064 Oct 12 j 05:29	26°♌28'20	
evening set	-10064 Oct 15 j 01:56	25°♌43'54	
inferior conj	-10064 Oct 21 j 04:41	20°♌09'18	2°45'38
minimum elong	-10064 Oct 21 j 01:13	20°♌19'13	2°45'01
min. Earth dist.	-10064 Oct 23 j 04:47	17°♌51'20	0.64269 AU
morning rise	-10064 Oct 26 j 23:53	14°♌05'23	
direct	-10064 Nov 02 j 19:49	11°♌19'12	
morning max el	-10064 Nov 16 j 04:59	18°♌53'08	27°16'46
	-10064 Nov 25 j 18:36	0°♍	
desc. node	-10064 Nov 27 j 10:48	2°♍14'37	
	-10064 Dec 14 j 23:37	0°♎	
morning set	-10064 Dec 21 j 06:31	11°♎48'31	
max. Earth dist.	-10064 Dec 26 j 04:13	21°♎41'15	1.34012 AU
superior conj	-10064 Dec 29 j 05:56	28°♎06'56	-1°19'35
minimum elong	-10064 Dec 29 j 08:13	28°♎19'01	1°19'31
	-10064 Dec 30 j 03:16	0°♏	
evening rise	-10063 Jan 05 j 12:01	13°♏30'13	
asc. node	-10063 Jan 07 j 17:09	18°♏03'58	
	-10063 Jan 13 j 23:46	0°♐	
evening max el	-10063 Jan 27 j 00:33	17°♐43'37	22°16'37
retrograde	-10063 Feb 08 j 15:30	23°♐46'21	
evening set	-10063 Feb 11 j 18:00	23°♐25'07	
inferior conj	-10063 Feb 20 j 22:00	19°♐16'55	0°40'26
minimum elong	-10063 Feb 20 j 23:45	19°♐14'25	0°39'19
min. Earth dist.	-10063 Feb 20 j 09:34	19°♐34'42	0.55450 AU
desc. node	-10063 Feb 23 j 11:49	17°♐50'29	
morning rise	-10063 Mar 02 j 06:23	15°♐13'38	
direct	-10063 Mar 04 j 16:48	15°♐00'00	
morning max el	-10063 Mar 16 j 12:03	20°♐37'45	21°11'33
	-10063 Mar 24 j 03:31	0°♑	
morning set	-10063 Apr 05 j 05:27	22°♑01'22	
asc. node	-10063 Apr 05 j 15:58	22°♑55'32	
	-10063 Apr 09 j 01:36	0°♒	
superior conj	-10063 Apr 12 j 18:13	7°♒40'27	1°03'41
minimum elong	-10063 Apr 12 j 15:39	7°♒27'13	1°02'47
max. Earth dist.	-10063 Apr 16 j 16:54	15°♒40'54	1.35327 AU
evening rise	-10063 Apr 21 j 06:10	24°♒32'08	
	-10063 Apr 24 j 04:41	0°♓	
	-10063 May 12 j 17:18	0°♈	
desc. node	-10063 May 22 j 10:10	12°♈29'52	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10063 May 26 j 15:06	16°♈59'12	26°41'15
retrograde	-10063 Jun 08 j 15:01	24°♈24'06	
evening set	-10063 Jun 15 j 06:18	21°♈36'31	
min. Earth dist.	-10063 Jun 19 j 04:52	17°♈28'33	0.65636 AU
inferior conj	-10063 Jun 20 j 21:34	15°♈25'16	-3°04'59
minimum elong	-10063 Jun 21 j 00:05	15°♈17'38	3°04'23
morning rise	-10063 Jun 26 j 18:05	9°♈41'37	
direct	-10063 Jun 29 j 20:49	8°♈46'53	
asc. node	-10063 Jul 02 j 16:34	9°♈29'57	
morning max el	-10063 Jul 06 j 14:28	12°♈32'05	18°43'04
	-10063 Jul 19 j 00:49	0°♉	
morning set	-10063 Jul 27 j 07:59	13°♉23'25	
	-10063 Aug 06 j 16:28	0°♊	
superior conj	-10063 Aug 11 j 19:23	8°♊07'22	0°38'30
minimum elong	-10063 Aug 12 j 00:01	8°♊25'40	0°38'27
max. Earth dist.	-10063 Aug 12 j 14:20	9°♊22'16	1.44616 AU
desc. node	-10063 Aug 18 j 07:30	18°♊24'08	
	-10063 Aug 25 j 15:12	0°♋	
evening rise	-10063 Aug 28 j 01:48	3°♋53'00	
	-10063 Sep 13 j 22:49	0°♌	
evening max el	-10063 Sep 19 j 01:15	6°♌16'44	19°04'05
retrograde	-10063 Sep 25 j 23:50	10°♌13'26	
asc. node	-10063 Sep 28 j 16:26	9°♌31'47	
evening set	-10063 Sep 29 j 03:20	9°♌16'37	
inferior conj	-10063 Oct 04 j 22:14	3°♌27'56	1°56'26
minimum elong	-10063 Oct 04 j 19:37	3°♌36'01	1°56'01
min. Earth dist.	-10063 Oct 06 j 09:28	1°♌38'27	0.65461 AU
	-10063 Oct 07 j 18:31	30°℞♋	
morning rise	-10063 Oct 10 j 11:30	27°♋15'19	
direct	-10063 Oct 16 j 20:19	24°♋33'36	
	-10063 Oct 27 j 12:49	0°♌	
morning max el	-10063 Oct 29 j 15:03	1°♌58'26	26°28'45
desc. node	-10063 Nov 14 j 07:33	21°♌33'53	
	-10063 Nov 19 j 21:49	0°♍	
morning set	-10063 Dec 04 j 12:57	25°♍10'40	
	-10063 Dec 07 j 01:33	0°♎	
max. Earth dist.	-10063 Dec 08 j 18:56	3°♎22'25	1.35236 AU
superior conj	-10063 Dec 13 j 06:49	12°♎26'27	-1°33'04
minimum elong	-10063 Dec 13 j 08:42	12°♎36'10	1°32'59
evening rise	-10063 Dec 20 j 20:43	28°♎10'55	
	-10063 Dec 21 j 17:59	0°♏	
asc. node	-10063 Dec 25 j 14:27	7°♏39'12	
evening max el	-10062 Jan 09 j 02:30	28°♏59'15	20°50'38
	-10062 Jan 10 j 05:46	0°♐	
retrograde	-10062 Jan 20 j 05:31	4°♐12'59	
evening set	-10062 Jan 22 j 21:32	3°♐56'10	
inferior conj	-10062 Jan 31 j 19:09	29°♏57'53	2°23'39
minimum elong	-10062 Feb 01 j 00:32	29°♏50'05	2°21'40
	-10062 Jan 31 j 17:42	30°℞♏	
min. Earth dist.	-10062 Feb 01 j 23:43	29°♏16'28	0.55576 AU
morning rise	-10062 Feb 10 j 02:15	25°♏40'06	
desc. node	-10062 Feb 10 j 08:44	25°♏36'28	
direct	-10062 Feb 13 j 07:47	25°♏17'09	
	-10062 Feb 24 j 12:38	0°♐	
morning max el	-10062 Feb 26 j 11:00	1°♐43'00	22°42'38
	-10062 Mar 17 j 06:09	0°♑	
morning set	-10062 Mar 20 j 16:20	6°♑58'24	
asc. node	-10062 Mar 23 j 13:00	13°♑00'10	
superior conj	-10062 Mar 27 j 21:30	22°♑16'04	0°41'13
minimum elong	-10062 Mar 27 j 19:45	22°♑06'50	0°40'20
max. Earth dist.	-10062 Mar 30 j 14:17	27°♑56'01	1.34182 AU
	-10062 Mar 31 j 14:15	0°♒	
evening rise	-10062 Apr 04 j 18:27	8°♒24'02	
	-10062 Apr 16 j 17:03	0°♓	

	-10062 May 08 j 21:37	0°♈	
evening max el	-10062 May 09 j 02:07	0°♈10'59	27°18'06
desc. node	-10062 May 09 j 07:30	0°♈24'02	
retrograde	-10062 May 22 j 14:32	7°♈42'29	
evening set	-10062 May 29 j 13:17	4°♈58'38	
min. Earth dist.	-10062 Jun 02 j 06:18	1°♈26'31	0.64340 AU
	-10062 Jun 03 j 13:43	30°℞♓	
inferior conj	-10062 Jun 04 j 13:29	28°♓53'38	-3°28'32
minimum elong	-10062 Jun 04 j 15:19	28°♓48'31	3°28'23
morning rise	-10062 Jun 10 j 17:55	23°♓26'03	
direct	-10062 Jun 13 j 15:04	22°♓42'19	
asc. node	-10062 Jun 19 j 13:25	25°♓38'00	
morning max el	-10062 Jun 20 j 03:02	26°♓10'59	18°13'06
	-10062 Jun 23 j 09:07	0°♈	
morning set	-10062 Jul 08 j 10:26	24°♈06'40	
	-10062 Jul 11 j 22:25	0°♉	
superior conj	-10062 Jul 22 j 01:46	16°♉41'03	1°17'39
minimum elong	-10062 Jul 22 j 08:17	17°♉07'22	1°17'25
max. Earth dist.	-10062 Jul 26 j 06:36	23°♉25'27	1.44183 AU
	-10062 Jul 30 j 10:10	0°♊	
desc. node	-10062 Aug 05 j 04:43	9°♊03'01	
evening rise	-10062 Aug 07 j 15:25	12°♊51'29	
	-10062 Aug 18 j 18:55	0°♋	
greatest brilliancy	-10062 Aug 20 j 06:54	2°♋15'32	-0.7m
evening max el	-10062 Sep 02 j 07:59	19°♋45'05	19°55'50
retrograde	-10062 Sep 09 j 20:20	24°♋06'40	
evening set	-10062 Sep 13 j 09:12	22°♋54'06	
asc. node	-10062 Sep 15 j 13:34	20°♋59'26	
inferior conj	-10062 Sep 18 j 21:58	16°♋54'17	1°04'30
minimum elong	-10062 Sep 18 j 20:29	16°♋59'08	1°04'30
min. Earth dist.	-10062 Sep 19 j 21:21	15°♋37'19	0.66344 AU
morning rise	-10062 Sep 24 j 07:32	10°♋36'27	
direct	-10062 Sep 30 j 02:24	8°♋07'46	
morning max el	-10062 Oct 12 j 00:36	15°♋11'07	25°19'40
	-10062 Oct 24 j 06:36	0°♌	
desc. node	-10062 Nov 01 j 04:17	11°♌22'26	
	-10062 Nov 12 j 18:11	0°♍	
morning set	-10062 Nov 17 j 02:35	7°♍37'32	
max. Earth dist.	-10062 Nov 20 j 23:10	14°♍41'48	1.36877 AU
superior conj	-10062 Nov 26 j 22:58	26°♍14'38	-1°41'01
minimum elong	-10062 Nov 26 j 23:48	26°♍18'43	1°40'54
	-10062 Nov 28 j 20:13	0°♎	
evening rise	-10062 Dec 05 j 01:17	12°♎33'21	
asc. node	-10062 Dec 12 j 11:45	26°♎48'14	
	-10062 Dec 14 j 08:50	0°♏	
evening max el	-10062 Dec 22 j 14:11	10°♏47'04	19°40'12
retrograde	-10061 Jan 01 j 02:59	15°♏16'48	
evening set	-10061 Jan 03 j 15:50	14°♏59'12	
inferior conj	-10061 Jan 12 j 00:59	10°♏53'27	3°37'38
minimum elong	-10061 Jan 12 j 05:54	10°♏45'35	3°36'26
min. Earth dist.	-10061 Jan 14 j 13:11	9°♏17'33	0.56531 AU
morning rise	-10061 Jan 20 j 17:52	6°♏11'40	
direct	-10061 Jan 25 j 05:59	5°♏26'04	
desc. node	-10061 Jan 28 j 05:37	5°♏46'33	
morning max el	-10061 Feb 08 j 02:44	12°♏24'18	24°19'57
	-10061 Feb 21 j 12:55	0°♐	
morning set	-10061 Mar 05 j 04:44	22°♐02'28	
	-10061 Mar 08 j 22:19	0°♑	
asc. node	-10061 Mar 10 j 10:03	3°♑12'57	
superior conj	-10061 Mar 12 j 05:31	7°♑07'47	0°17'39
minimum elong	-10061 Mar 12 j 04:46	7°♑03'48	0°16'55
max. Earth dist.	-10061 Mar 13 j 20:30	10°♑37'18	1.33381 AU
evening rise	-10061 Mar 19 j 16:18	22°♑46'23	
	-10061 Mar 23 j 08:25	0°♒	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10061 Apr 10 j 12:43	0°♓	
evening max el	-10061 Apr 21 j 11:25	12°♓59'53	27°25'30
desc. node	-10061 Apr 26 j 04:49	16°♓59'58	
retrograde	-10061 May 05 j 07:46	20°♓31'20	
evening set	-10061 May 12 j 06:56	18°♓04'22	
min. Earth dist.	-10061 May 15 j 22:31	15°♓00'06	0.62673 AU
inferior conj	-10061 May 18 j 19:37	12°♓08'56	-3°39'05
minimum elong	-10061 May 18 j 20:03	12°♓07'53	3°39'18
morning rise	-10061 May 25 j 10:20	6°♓59'59	
direct	-10061 May 28 j 03:10	6°♓25'34	
morning max el	-10061 Jun 03 j 17:04	9°♓47'47	18°01'14
asc. node	-10061 Jun 06 j 10:15	12°♓53'14	
	-10061 Jun 17 j 03:36	0°♈	
morning set	-10061 Jun 20 j 12:28	5°♈57'14	
superior conj	-10061 Jul 02 j 07:35	26°♈24'31	1°41'29
minimum elong	-10061 Jul 02 j 11:32	26°♈41'08	1°41'28
	-10061 Jul 04 j 11:06	0°♉	
max. Earth dist.	-10061 Jul 08 j 19:29	7°♉08'54	1.43101 AU
evening rise	-10061 Jul 17 j 16:15	21°♉15'20	
desc. node	-10061 Jul 23 j 01:59	29°♉36'09	
	-10061 Jul 23 j 08:14	0°♊	
	-10061 Aug 13 j 11:35	0°♋	
evening max el	-10061 Aug 16 j 08:18	3°♋10'35	21°01'26
retrograde	-10061 Aug 24 j 16:54	8°♋05'47	
evening set	-10061 Aug 28 j 17:17	6°♋34'30	
asc. node	-10061 Sep 02 j 10:38	1°♋17'49	
inferior conj	-10061 Sep 03 j 01:44	0°♋26'30	0°12'15
minimum elong	-10061 Sep 03 j 01:26	0°♋27'29	0°12'43
transit middle	-10061 Sep 03 j 01:26	0°♋27'29	0°12'43
transit begin	-10061 Sep 02 j 23:43	0°♋33'20	
transit end	-10061 Sep 03 j 03:09	0°♋21'37	
	-10061 Sep 03 j 09:30	30°℞♊	
min. Earth dist.	-10061 Sep 03 j 14:15	29°♊43'47	0.66927 AU
morning rise	-10061 Sep 08 j 09:27	24°♊06'54	
direct	-10061 Sep 13 j 13:36	21°♊55'54	
morning max el	-10061 Sep 24 j 10:19	28°♊26'14	23°58'27
	-10061 Sep 25 j 22:06	0°♋	
	-10061 Oct 18 j 01:15	0°♌	
desc. node	-10061 Oct 19 j 01:05	1°♌31'56	
morning set	-10061 Oct 29 j 17:58	18°♌55'18	
max. Earth dist.	-10061 Nov 02 j 21:44	26°♌08'45	1.38808 AU
	-10061 Nov 05 j 01:24	0°♍	
superior conj	-10061 Nov 10 j 02:38	9°♍20'45	-1°41'26
minimum elong	-10061 Nov 10 j 01:40	9°♍16'09	1°41'09
evening rise	-10061 Nov 18 j 23:27	26°♍31'42	
	-10061 Nov 20 j 18:17	0°♎	
asc. node	-10061 Nov 29 j 09:03	15°♎22'20	
evening max el	-10061 Dec 05 j 11:41	23°♎07'42	18°49'06
retrograde	-10061 Dec 13 j 16:57	27°♎05'43	
evening set	-10061 Dec 16 j 04:58	26°♎45'08	
inferior conj	-10061 Dec 24 j 00:19	22°♎21'44	4°12'02
minimum elong	-10061 Dec 24 j 01:54	22°♎18'50	4°11'47
min. Earth dist.	-10061 Dec 27 j 04:13	20°♎02'57	0.58083 AU
morning rise	-10061 Dec 31 j 20:49	17°♎15'17	
direct	-10060 Jan 06 j 15:39	15°♎54'24	
desc. node	-10060 Jan 15 j 02:25	18°♎39'30	
morning max el	-10060 Jan 20 j 18:06	23°♎10'18	25°49'31
	-10060 Jan 26 j 21:30	0°♏	
	-10060 Feb 14 j 05:23	0°♐	
morning set	-10060 Feb 17 j 16:51	7°♐06'57	
superior conj	-10060 Feb 24 j 16:17	22°♐08'52	-0°06'05
minimum elong	-10060 Feb 24 j 16:34	22°♐10'23	0°06'35
behind sun begin	-10060 Feb 24 j 11:58	21°♐45'23	
behind sun end	-10060 Feb 24 j 21:09	22°♐35'23	
asc. node	-10060 Feb 25 j 07:07	23°♐29'39	
max. Earth dist.	-10060 Feb 25 j 08:12	23°♐35'33	1.32909 AU
	-10060 Feb 28 j 07:20	0°♑	
evening rise	-10060 Mar 02 j 20:41	7°♑28'53	
	-10060 Mar 14 j 21:02	0°♒	
evening max el	-10060 Apr 02 j 16:29	25°♒14'29	27°00'13
	-10060 Apr 08 j 14:37	0°♓	
desc. node	-10060 Apr 12 j 02:05	1°♓46'39	
retrograde	-10060 Apr 16 j 17:49	2°♓42'05	
evening set	-10060 Apr 23 j 07:44	0°♓44'14	
	-10060 Apr 24 j 11:40	30°℞♒	
min. Earth dist.	-10060 Apr 27 j 05:32	27°♒54'37	0.60740 AU
inferior conj	-10060 Apr 30 j 12:31	25°♒03'02	-3°31'32
minimum elong	-10060 Apr 30 j 10:54	25°♒06'36	3°31'47
morning rise	-10060 May 07 j 16:10	20°♒14'19	
direct	-10060 May 10 j 05:13	19°♒48'02	
morning max el	-10060 May 17 j 05:55	23°♒15'35	18°08'03
	-10060 May 22 j 15:08	0°♓	
asc. node	-10060 May 23 j 07:03	1°♓00'33	
morning set	-10060 Jun 02 j 09:15	18°♓43'00	
	-10060 Jun 08 j 12:27	0°♈	
superior conj	-10060 Jun 12 j 16:32	7°♈28'52	1°49'47
minimum elong	-10060 Jun 12 j 16:58	7°♈30'49	1°49'47
max. Earth dist.	-10060 Jun 20 j 02:21	20°♈14'31	1.41522 AU
evening rise	-10060 Jun 26 j 02:23	0°♉05'40	
	-10060 Jun 26 j 00:59	0°♉	
desc. node	-10060 Jul 08 j 23:20	19°♉59'00	
	-10060 Jul 15 j 21:36	0°♊	
evening max el	-10060 Jul 29 j 01:44	16°♊32'04	22°17'46
retrograde	-10060 Aug 07 j 11:54	22°♊07'29	
evening set	-10060 Aug 12 j 01:35	20°♊15'32	
inferior conj	-10060 Aug 17 j 07:36	14°♊02'17	-0°38'33
minimum elong	-10060 Aug 17 j 08:25	13°♊59'28	0°37'41
min. Earth dist.	-10060 Aug 17 j 09:44	13°♊54'54	0.67215 AU
asc. node	-10060 Aug 19 j 07:37	11°♊19'51	
morning rise	-10060 Aug 22 j 15:10	7°♊44'28	
direct	-10060 Aug 27 j 05:17	5°♊52'33	
morning max el	-10060 Sep 05 j 22:16	11°♊42'26	22°33'59
	-10060 Sep 20 j 07:29	0°♋	
desc. node	-10060 Oct 04 j 21:56	21°♋55'47	
morning set	-10060 Oct 09 j 06:48	28°♋54'55	
	-10060 Oct 09 j 22:48	0°♌	
max. Earth dist.	-10060 Oct 14 j 21:10	8°♌11'17	1.40793 AU
superior conj	-10060 Oct 22 j 12:51	21°♌31'27	-1°31'49
minimum elong	-10060 Oct 22 j 09:38	21°♌17'01	1°31'11
	-10060 Oct 27 j 04:21	0°♍	
evening rise	-10060 Nov 01 j 12:22	9°♍58'46	
	-10060 Nov 12 j 22:33	0°♎	
asc. node	-10060 Nov 15 j 06:19	3°♎10'35	
evening max el	-10060 Nov 17 j 17:17	5°♎56'05	18°18'21
retrograde	-10060 Nov 25 j 00:34	9°♎35'15	
evening set	-10060 Nov 27 j 12:53	9°♎10'21	
inferior conj	-10060 Dec 04 j 19:11	4°♎25'51	4°12'28
minimum elong	-10060 Dec 04 j 17:33	4°♎29'19	4°12'23
min. Earth dist.	-10060 Dec 08 j 00:09	1°♎43'11	0.59924 AU
	-10060 Dec 10 j 06:32	30°℞♍	
morning rise	-10060 Dec 11 j 20:37	28°♍58'59	
direct	-10060 Dec 18 j 12:56	27°♍00'00	
	-10060 Dec 27 j 04:10	0°♎	
desc. node	-10060 Dec 31 j 23:10	3°♎49'39	
morning max el	-10059 Jan 01 j 14:23	4°♎25'39	26°56'42
	-10059 Jan 20 j 11:36	0°♏	
morning set	-10059 Feb 01 j 02:57	22°♏05'17	
	-10059 Feb 04 j 20:27	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10059 Feb 08 j 04:07	7°♐13'14	-0°29'05
minimum elong	-10059 Feb 08 j 05:19	7°♐19'44	0°29'21
max. Earth dist.	-10059 Feb 07 j 21:47	6°♐38'38	1.32760 AU
asc. node	-10059 Feb 11 j 04:15	13°♐46'19	
evening rise	-10059 Feb 15 j 05:15	22°♐23'40	
	-10059 Feb 18 j 23:04	0°♑	
	-10059 Mar 09 j 11:19	0°♒	
evening max el	-10059 Mar 15 j 16:02	6°♒51'29	26°03'43
retrograde	-10059 Mar 29 j 19:08	14°♒10'02	
desc. node	-10059 Mar 29 j 23:15	14°♒09'58	
evening set	-10059 Apr 04 j 13:19	12°♒48'13	
min. Earth dist.	-10059 Apr 09 j 05:16	9°♒57'40	0.58748 AU
inferior conj	-10059 Apr 12 j 12:39	7°♒28'07	-2°59'12
minimum elong	-10059 Apr 12 j 09:04	7°♒34'56	2°59'03
morning rise	-10059 Apr 20 j 07:51	2°♒59'29	
direct	-10059 Apr 22 j 17:05	2°♒40'06	
morning max el	-10059 Apr 30 j 14:48	6°♒26'38	18°34'06
asc. node	-10059 May 10 j 03:53	19°♒48'33	
	-10059 May 15 j 16:20	0°♓	
morning set	-10059 May 16 j 20:15	2°♓13'46	
superior conj	-10059 May 26 j 00:40	19°♓44'08	1°45'52
minimum elong	-10059 May 25 j 22:44	19°♓35'11	1°45'38
	-10059 May 31 j 16:15	0°♈	
max. Earth dist.	-10059 Jun 02 j 03:42	2°♈36'07	1.39679 AU
evening rise	-10059 Jun 06 j 13:34	10°♈10'11	
	-10059 Jun 18 j 23:39	0°♉	
desc. node	-10059 Jun 25 j 20:42	10°♉06'29	
evening max el	-10059 Jul 11 j 13:57	29°♉52'30	23°39'35
	-10059 Jul 11 j 16:56	0°♊	
retrograde	-10059 Jul 22 j 04:00	6°♊08'58	
evening set	-10059 Jul 27 j 08:16	3°♊56'10	
	-10059 Jul 30 j 20:39	30°℞♉	
min. Earth dist.	-10059 Aug 01 j 05:27	28°♉09'23	0.67207 AU
inferior conj	-10059 Aug 01 j 13:52	27°♉40'29	-1°26'20
minimum elong	-10059 Aug 01 j 15:36	27°♉34'32	1°25'15
asc. node	-10059 Aug 06 j 04:33	22°♉06'29	
morning rise	-10059 Aug 06 j 22:51	21°♉27'59	
direct	-10059 Aug 11 j 00:36	19°♉54'30	
morning max el	-10059 Aug 19 j 15:01	25°♉02'10	21°13'58
	-10059 Aug 23 j 22:35	0°♊	
	-10059 Sep 13 j 18:59	0°♋	
morning set	-10059 Sep 18 j 19:04	7°♋45'53	
desc. node	-10059 Sep 21 j 18:52	12°♋29'17	
max. Earth dist.	-10059 Sep 27 j 02:05	21°♋01'42	1.42564 AU
	-10059 Oct 02 j 11:52	0°♌	
superior conj	-10059 Oct 03 j 23:50	2°♌32'13	-1°09'39
minimum elong	-10059 Oct 03 j 19:02	2°♌11'52	1°08'37
evening rise	-10059 Oct 15 j 12:16	22°♌45'46	
	-10059 Oct 19 j 13:16	0°♍	
evening max el	-10059 Nov 01 j 04:17	19°♍04'25	18°07'26
asc. node	-10059 Nov 02 j 03:35	19°♍59'13	
retrograde	-10059 Nov 07 j 22:57	22°♍36'13	
evening set	-10059 Nov 10 j 12:59	22°♍05'24	
inferior conj	-10059 Nov 17 j 07:26	16°♍59'41	3°49'20
minimum elong	-10059 Nov 17 j 04:04	17°♍07'49	3°48'57
min. Earth dist.	-10059 Nov 20 j 03:54	14°♍14'21	0.61780 AU
morning rise	-10059 Nov 23 j 18:03	11°♍16'23	
direct	-10059 Nov 30 j 19:40	8°♍48'02	
morning max el	-10059 Dec 14 j 16:52	16°♍19'23	27°31'43
desc. node	-10059 Dec 18 j 19:53	20°♍41'43	
	-10059 Dec 26 j 02:25	0°♎	
	-10058 Jan 12 j 23:08	0°♏	
morning set	-10058 Jan 16 j 08:57	6°♏48'45	
max. Earth dist.	-10058 Jan 22 j 09:29	19°♏31'50	1.32950 AU

superior conj	-10058 Jan 23 j 15:19	22°♏13'35	-0°50'38
minimum elong	-10058 Jan 23 j 17:13	22°♏23'49	0°50'43
	-10058 Jan 27 j 05:12	0°♐	
asc. node	-10058 Jan 29 j 01:26	3°♐57'55	
evening rise	-10058 Jan 30 j 16:03	7°♐22'27	
	-10058 Feb 11 j 16:10	0°♑	
evening max el	-10058 Feb 25 j 10:45	17°♑56'32	24°43'04
retrograde	-10058 Mar 11 j 09:03	24°♑56'03	
evening set	-10058 Mar 16 j 00:30	24°♑07'02	
desc. node	-10058 Mar 16 j 20:22	23°♑48'32	
min. Earth dist.	-10058 Mar 22 j 00:04	21°♑02'41	0.56994 AU
inferior conj	-10058 Mar 24 j 17:16	19°♑15'55	-1°55'47
minimum elong	-10058 Mar 24 j 13:25	19°♑22'16	1°55'18
morning rise	-10058 Apr 02 j 05:29	15°♑04'20	
direct	-10058 Apr 04 j 11:28	14°♑49'54	
morning max el	-10058 Apr 13 j 16:38	19°♑10'22	19°19'56
	-10058 Apr 21 j 22:16	0°♒	
asc. node	-10058 Apr 27 j 00:46	9°♒07'01	
morning set	-10058 Apr 30 j 17:32	16°♒19'24	
	-10058 May 07 j 14:39	0°♓	
superior conj	-10058 May 09 j 02:21	2°♓54'40	1°33'29
minimum elong	-10058 May 08 j 23:27	2°♓40'33	1°32'55
max. Earth dist.	-10058 May 15 j 04:17	14°♓26'09	1.37820 AU
evening rise	-10058 May 19 j 03:45	21°♓36'45	
	-10058 May 24 j 00:37	0°♈	
desc. node	-10058 Jun 12 j 18:05	29°♈51'46	
	-10058 Jun 12 j 20:33	0°♉	
evening max el	-10058 Jun 23 j 23:58	13°♉15'18	24°59'36
retrograde	-10058 Jul 05 j 16:13	20°♉06'28	
evening set	-10058 Jul 11 j 11:24	17°♉35'10	
min. Earth dist.	-10058 Jul 15 j 22:54	12°♉25'41	0.66881 AU
inferior conj	-10058 Jul 16 j 18:46	11°♉19'35	-2°09'41
minimum elong	-10058 Jul 16 j 21:08	11°♉11'42	2°08'37
morning rise	-10058 Jul 22 j 06:50	5°♉15'54	
asc. node	-10058 Jul 24 j 01:28	4°♉19'02	
direct	-10058 Jul 25 j 22:08	3°♉59'09	
morning max el	-10058 Aug 02 j 14:16	8°♉28'26	20°04'07
	-10058 Aug 18 j 08:30	0°♊	
morning set	-10058 Aug 28 j 20:59	16°♊10'53	
	-10058 Sep 06 j 16:24	0°♋	
desc. node	-10058 Sep 08 j 15:53	3°♋08'39	
max. Earth dist.	-10058 Sep 09 j 13:45	4°♋35'57	1.43872 AU
superior conj	-10058 Sep 14 j 07:16	12°♋13'16	-0°33'53
minimum elong	-10058 Sep 14 j 03:45	11°♋59'00	0°32'53
	-10058 Sep 25 j 00:08	0°♌	
evening rise	-10058 Sep 27 j 18:19	4°♌41'38	
	-10058 Oct 13 j 14:27	0°♍	
evening max el	-10058 Oct 15 j 17:40	2°♍25'32	18°15'27
asc. node	-10058 Oct 20 j 00:50	5°♍32'24	
retrograde	-10058 Oct 22 j 08:02	6°♍00'01	
evening set	-10058 Oct 25 j 01:40	5°♍21'08	
inferior conj	-10058 Oct 31 j 09:40	29°♌56'11	3°11'33
minimum elong	-10058 Oct 31 j 05:58	0°♍06'12	3°10'56
	-10058 Oct 31 j 08:16	30°℞♌	
min. Earth dist.	-10058 Nov 02 j 17:25	27°♌25'10	0.63445 AU
morning rise	-10058 Nov 06 j 09:34	23°♌59'11	
direct	-10058 Nov 13 j 09:50	21°♌15'43	
morning max el	-10058 Nov 27 j 00:17	28°♌49'27	27°31'42
	-10058 Nov 28 j 04:27	0°♍	
desc. node	-10058 Dec 05 j 16:36	8°♍46'55	
	-10058 Dec 19 j 20:44	0°♎	
morning set	-10058 Dec 31 j 08:24	21°♎08'58	
	-10057 Jan 04 j 16:14	0°♏	
max. Earth dist.	-10057 Jan 05 j 15:44	2°♏03'26	1.33516 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10057 Jan 08 j 00:10	7°♏03'34	-1°09'54
minimum elong	-10057 Jan 08 j 02:26	7°♏15'42	1°09'52
evening rise	-10057 Jan 15 j 03:23	22°♏19'02	
asc. node	-10057 Jan 15 j 22:42	23°♏59'47	
	-10057 Jan 18 j 21:39	0°♐	
evening max el	-10057 Feb 07 j 04:06	28°♐47'17	23°10'07
	-10057 Feb 08 j 12:24	0°♑	
retrograde	-10057 Feb 20 j 10:00	5°♑14'07	
evening set	-10057 Feb 23 j 23:54	4°♑46'09	
min. Earth dist.	-10057 Mar 03 j 15:53	1°♑16'51	0.55798 AU
desc. node	-10057 Mar 03 j 17:26	1°♑14'35	
inferior conj	-10057 Mar 05 j 03:01	0°♑25'13	-0°21'51
minimum elong	-10057 Mar 05 j 02:03	0°♑26'37	0°22'06
	-10057 Mar 05 j 20:12	30°℞♐	
morning rise	-10057 Mar 14 j 06:14	26°♐23'01	
direct	-10057 Mar 16 j 12:42	26°♐10'25	
	-10057 Mar 25 j 21:30	0°♑	
morning max el	-10057 Mar 27 j 08:43	1°♑17'35	20°25'31
asc. node	-10057 Apr 13 j 21:42	28°♑48'20	
	-10057 Apr 14 j 11:54	0°♒	
morning set	-10057 Apr 14 j 22:01	0°♒51'15	
superior conj	-10057 Apr 22 j 16:48	16°♒46'59	1°15'36
minimum elong	-10057 Apr 22 j 13:56	16°♒32'27	1°14'46
max. Earth dist.	-10057 Apr 27 j 10:26	26°♒10'23	1.36153 AU
	-10057 Apr 29 j 10:18	0°♓	
evening rise	-10057 May 01 j 16:11	4°♓12'28	
	-10057 May 16 j 22:22	0°♈	
desc. node	-10057 May 30 j 15:29	19°♈05'14	
evening max el	-10057 Jun 06 j 10:06	26°♈39'08	26°09'14
	-10057 Jun 10 j 03:58	0°♉	
retrograde	-10057 Jun 18 j 23:51	3°♉54'26	
evening set	-10057 Jun 25 j 08:46	1°♉10'09	
	-10057 Jun 26 j 14:20	30°℞♈	
min. Earth dist.	-10057 Jun 29 j 11:39	26°♈40'01	0.66203 AU
inferior conj	-10057 Jun 30 j 20:22	24°♈56'55	-2°47'02
minimum elong	-10057 Jun 30 j 22:59	24°♈48'41	2°46'11
morning rise	-10057 Jul 06 j 13:17	19°♈05'17	
direct	-10057 Jul 09 j 20:07	18°♈03'05	
asc. node	-10057 Jul 10 j 22:22	18°♈09'46	
morning max el	-10057 Jul 16 j 19:57	22°♈01'33	19°08'07
	-10057 Jul 23 j 04:04	0°♉	
morning set	-10057 Aug 08 j 09:07	25°♉06'33	
	-10057 Aug 11 j 11:15	0°♊	
max. Earth dist.	-10057 Aug 23 j 05:56	18°♊36'41	1.44547 AU
superior conj	-10057 Aug 24 j 14:20	20°♊45'01	0°11'44
minimum elong	-10057 Aug 24 j 15:52	20°♊51'04	0°12'07
behind sun begin	-10057 Aug 24 j 08:08	20°♊20'26	
behind sun end	-10057 Aug 24 j 23:36	21°♊21'43	
desc. node	-10057 Aug 26 j 12:58	23°♊50'00	
	-10057 Aug 30 j 09:52	0°♋	
evening rise	-10057 Sep 09 j 00:57	15°♋32'20	
	-10057 Sep 17 j 22:42	0°♌	
evening max el	-10057 Sep 29 j 06:28	15°♌52'18	18°41'26
retrograde	-10057 Oct 06 j 00:03	19°♌38'31	
asc. node	-10057 Oct 06 j 22:04	19°♌33'47	
evening set	-10057 Oct 08 j 23:18	18°♌49'03	
inferior conj	-10057 Oct 14 j 22:27	13°♌07'50	2°25'16
minimum elong	-10057 Oct 14 j 19:19	13°♌17'11	2°24'42
min. Earth dist.	-10057 Oct 16 j 16:51	11°♌01'41	0.64814 AU
morning rise	-10057 Oct 20 j 14:51	6°♌59'56	
direct	-10057 Oct 27 j 06:29	4°♌14'45	
morning max el	-10057 Nov 09 j 10:11	11°♌45'28	26°59'32
desc. node	-10057 Nov 22 j 13:19	27°♌43'18	
	-10057 Nov 24 j 03:45	0°♍	
	-10057 Dec 12 j 07:49	0°♎	
morning set	-10057 Dec 14 j 22:10	4°♎55'31	
max. Earth dist.	-10057 Dec 19 j 13:00	14°♎04'05	1.34487 AU
superior conj	-10057 Dec 23 j 04:37	21°♎36'05	-1°25'51
minimum elong	-10057 Dec 23 j 06:48	21°♎47'33	1°25'48
	-10057 Dec 27 j 04:14	0°♏	
evening rise	-10057 Dec 30 j 13:33	7°♏07'08	
asc. node	-10056 Jan 02 j 19:59	13°♏46'32	
	-10056 Jan 12 j 01:02	0°♐	
evening max el	-10056 Jan 20 j 01:19	9°♐47'32	21°38'24
retrograde	-10056 Feb 01 j 01:45	15°♐29'51	
evening set	-10056 Feb 03 j 22:45	15°♐11'14	
inferior conj	-10056 Feb 13 j 01:06	11°♐09'13	1°26'20
minimum elong	-10056 Feb 13 j 04:45	11°♐04'01	1°24'39
min. Earth dist.	-10056 Feb 13 j 06:15	11°♐01'53	0.55400 AU
desc. node	-10056 Feb 18 j 14:25	8°♐15'40	
morning rise	-10056 Feb 22 j 10:45	7°♐02'02	
direct	-10056 Feb 25 j 03:30	6°♐45'49	
morning max el	-10056 Mar 08 j 13:43	12°♐44'35	21°48'54
	-10056 Mar 21 j 04:26	0°♑	
morning set	-10056 Mar 29 j 07:13	15°♑41'50	
asc. node	-10056 Mar 30 j 18:41	18°♑46'25	
	-10056 Apr 05 j 02:51	0°♒	
superior conj	-10056 Apr 05 j 16:18	1°♒10'17	0°54'22
minimum elong	-10056 Apr 05 j 14:03	0°♒58'32	0°53'27
max. Earth dist.	-10056 Apr 09 j 02:00	8°♒11'13	1.34796 AU
evening rise	-10056 Apr 13 j 21:12	17°♒41'21	
	-10056 Apr 20 j 13:24	0°♓	
	-10056 May 10 j 03:47	0°♈	
desc. node	-10056 May 16 j 12:52	7°♈34'03	
evening max el	-10056 May 18 j 20:53	9°♈58'05	27°00'05
retrograde	-10056 Jun 01 j 02:31	17°♈26'49	
evening set	-10056 Jun 07 j 21:52	14°♈38'58	
min. Earth dist.	-10056 Jun 11 j 17:38	10°♈47'15	0.65136 AU
inferior conj	-10056 Jun 13 j 16:32	8°♈30'13	-3°16'21
minimum elong	-10056 Jun 13 j 18:51	8°♈23'25	3°15'55
morning rise	-10056 Jun 19 j 16:12	2°♈53'23	
direct	-10056 Jun 22 j 16:23	2°♈03'35	
asc. node	-10056 Jun 26 j 19:13	3°♈32'28	
morning max el	-10056 Jun 29 j 06:42	5°♈40'19	18°28'14
	-10056 Jul 15 j 17:50	0°♉	
morning set	-10056 Jul 18 j 20:42	5°♉08'22	
superior conj	-10056 Aug 02 j 14:22	28°♉59'26	0°56'41
minimum elong	-10056 Aug 02 j 20:28	29°♉23'41	0°56'29
	-10056 Aug 03 j 05:36	0°♊	
max. Earth dist.	-10056 Aug 04 j 22:57	2°♊43'58	1.44515 AU
desc. node	-10056 Aug 12 j 10:08	14°♊30'44	
evening rise	-10056 Aug 19 j 04:43	25°♊09'44	
	-10056 Aug 22 j 06:40	0°♋	
greatest brilliancy	-10056 Aug 28 j 22:39	10°♋23'58	-0.8m
evening max el	-10056 Sep 11 j 15:59	29°♋20'40	19°24'12
	-10056 Sep 12 j 07:45	0°♌	
retrograde	-10056 Sep 18 j 19:42	3°♌27'17	
evening set	-10056 Sep 22 j 02:52	2°♌24'08	
asc. node	-10056 Sep 22 j 19:13	1°♌55'36	
	-10056 Sep 24 j 21:09	30°℞♋	
inferior conj	-10056 Sep 27 j 18:55	26°♋30'04	1°34'33
minimum elong	-10056 Sep 27 j 16:46	26°♋36'54	1°34'19
min. Earth dist.	-10056 Sep 29 j 00:55	24°♋54'13	0.65870 AU
morning rise	-10056 Oct 03 j 06:20	20°♋14'36	
direct	-10056 Oct 09 j 09:15	17°♋37'50	
morning max el	-10056 Oct 21 j 20:18	24°♋55'33	26°01'30
	-10056 Oct 26 j 12:09	0°♌	
desc. node	-10056 Nov 08 j 10:03	17°♌15'56	
	-10056 Nov 16 j 14:29	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10056 Nov 26 j 22:07	17°♍56'00	
max. Earth dist.	-10056 Nov 30 j 23:09	25°♍34'07	1.35884 AU
	-10056 Dec 03 j 05:34	0°♎	
superior conj	-10056 Dec 06 j 02:09	5°♎43'06	-1°37'13
minimum elong	-10056 Dec 06 j 03:40	5°♎50'50	1°37'09
evening rise	-10056 Dec 13 j 20:43	21°♎40'42	
	-10056 Dec 18 j 00:49	0°♏	
asc. node	-10056 Dec 19 j 17:17	3°♏11'41	
evening max el	-10055 Jan 01 j 07:06	21°♏15'55	20°18'27
retrograde	-10055 Jan 11 j 17:55	26°♏10'23	
evening set	-10055 Jan 14 j 07:46	25°♏53'46	
inferior conj	-10055 Jan 23 j 00:29	21°♏53'50	2°59'43
minimum elong	-10055 Jan 23 j 06:11	21°♏45'15	2°57'56
min. Earth dist.	-10055 Jan 24 j 20:07	20°♏48'22	0.55884 AU
morning rise	-10055 Feb 01 j 02:48	17°♏26'14	
desc. node	-10055 Feb 04 j 11:20	16°♏56'00	
direct	-10055 Feb 04 j 20:08	16°♏55'41	
morning max el	-10055 Feb 18 j 09:06	23°♏37'52	23°24'04
	-10055 Feb 24 j 01:18	0°♐	
	-10055 Mar 13 j 10:42	0°♑	
morning set	-10055 Mar 13 j 18:57	0°♑43'04	
asc. node	-10055 Mar 17 j 15:42	8°♑55'22	
superior conj	-10055 Mar 20 j 21:52	15°♑54'17	0°31'19
minimum elong	-10055 Mar 20 j 20:33	15°♑47'12	0°30'28
max. Earth dist.	-10055 Mar 23 j 03:14	20°♑37'28	1.33795 AU
	-10055 Mar 27 j 16:22	0°♒	
evening rise	-10055 Mar 28 j 13:58	1°♒47'55	
	-10055 Apr 13 j 11:29	0°♓	
evening max el	-10055 May 01 j 07:13	23°♓01'09	27°25'01
desc. node	-10055 May 03 j 10:14	24°♓58'33	
	-10055 May 11 j 13:20	0°♈	
retrograde	-10055 May 14 j 23:42	0°♈34'09	
	-10055 May 18 j 06:20	30°℞♓	
evening set	-10055 May 21 j 23:37	27°♓55'33	
min. Earth dist.	-10055 May 25 j 15:12	24°♓36'43	0.63672 AU
inferior conj	-10055 May 28 j 04:39	21°♓53'55	-3°34'52
minimum elong	-10055 May 28 j 05:59	21°♓50'22	3°34'54
morning rise	-10055 Jun 03 j 13:12	16°♓34'14	
direct	-10055 Jun 06 j 08:17	15°♓54'48	
morning max el	-10055 Jun 12 j 20:14	19°♓19'36	18°05'47
asc. node	-10055 Jun 13 j 16:02	20°♓11'12	
	-10055 Jun 20 j 17:39	0°♈	
morning set	-10055 Jun 30 j 09:37	16°♈21'10	
	-10055 Jul 08 j 09:51	0°♉	
superior conj	-10055 Jul 13 j 05:27	7°♉59'29	1°29'48
minimum elong	-10055 Jul 13 j 11:14	8°♉23'11	1°29'39
max. Earth dist.	-10055 Jul 18 j 13:32	16°♉38'52	1.43792 AU
	-10055 Jul 27 j 00:12	0°♊	
evening rise	-10055 Jul 29 j 10:24	3°♊46'22	
desc. node	-10055 Jul 30 j 07:22	5°♊07'38	
	-10055 Aug 15 j 19:44	0°♋	
evening max el	-10055 Aug 25 j 20:03	12°♋47'42	20°22'15
retrograde	-10055 Sep 02 j 16:30	17°♋23'04	
evening set	-10055 Sep 06 j 09:54	16°♋03'04	
asc. node	-10055 Sep 09 j 16:18	12°♋48'53	
inferior conj	-10055 Sep 11 j 20:36	9°♋59'23	0°42'16
minimum elong	-10055 Sep 11 j 19:38	10°♋02'38	0°42'28
min. Earth dist.	-10055 Sep 12 j 15:21	8°♋56'36	0.66621 AU
morning rise	-10055 Sep 17 j 05:08	3°♋40'07	
direct	-10055 Sep 22 j 17:43	1°♋18'25	
morning max el	-10055 Oct 04 j 05:46	8°♋09'53	24°46'04
	-10055 Oct 21 j 10:15	0°♌	
desc. node	-10055 Oct 26 j 06:48	7°♌14'18	
morning set	-10055 Nov 09 j 03:02	29°♌55'51	
	-10055 Nov 09 j 03:59	0°♍	
max. Earth dist.	-10055 Nov 12 j 23:49	6°♍51'21	1.37661 AU
superior conj	-10055 Nov 19 j 13:32	19°♍15'12	-1°42'16
minimum elong	-10055 Nov 19 j 13:41	19°♍15'55	1°42'06
	-10055 Nov 25 j 00:02	0°♎	
evening rise	-10055 Nov 27 j 22:52	5°♎53'51	
asc. node	-10055 Dec 06 j 14:35	22°♎07'31	
	-10055 Dec 11 j 22:49	0°♏	
evening max el	-10055 Dec 14 j 23:13	3°♏19'09	19°16'09
retrograde	-10055 Dec 23 j 21:37	7°♏33'36	
evening set	-10055 Dec 26 j 09:52	7°♏15'01	
inferior conj	-10054 Jan 03 j 13:12	3°♏03'03	3°56'56
minimum elong	-10054 Jan 03 j 16:52	2°♏56'51	3°56'14
min. Earth dist.	-10054 Jan 06 j 10:18	1°♏06'41	0.57127 AU
	-10054 Jan 08 j 04:56	30°℞♎	
morning rise	-10054 Jan 11 j 21:36	28°♎10'08	
direct	-10054 Jan 16 j 23:30	27°♎10'26	
desc. node	-10054 Jan 22 j 08:10	28°♎17'09	
	-10054 Jan 25 j 14:46	0°♏	
morning max el	-10054 Jan 30 j 23:55	4°♏18'30	24°59'47
	-10054 Feb 18 j 06:44	0°♐	
morning set	-10054 Feb 26 j 07:27	15°♐48'32	
asc. node	-10054 Mar 04 j 12:45	29°♐10'48	
	-10054 Mar 04 j 21:49	0°♑	
superior conj	-10054 Mar 05 j 07:19	0°♑51'31	0°07'35
minimum elong	-10054 Mar 05 j 07:01	0°♑49'53	0°06'57
behind sun begin	-10054 Mar 05 j 02:26	0°♑25'03	
behind sun end	-10054 Mar 05 j 11:35	1°♑14'41	
max. Earth dist.	-10054 Mar 06 j 12:06	3°♑27'16	1.33143 AU
evening rise	-10054 Mar 12 j 14:57	16°♑20'42	
	-10054 Mar 19 j 16:13	0°♒	
	-10054 Apr 08 j 10:10	0°♓	
evening max el	-10054 Apr 13 j 15:04	5°♓37'10	27°18'45
desc. node	-10054 Apr 20 j 07:32	10°♓52'29	
retrograde	-10054 Apr 27 j 14:14	13°♓07'41	
evening set	-10054 May 04 j 10:31	10°♓52'01	
min. Earth dist.	-10054 May 08 j 03:39	7°♓55'27	0.61876 AU
inferior conj	-10054 May 11 j 05:37	5°♓01'37	-3°38'28
minimum elong	-10054 May 11 j 05:13	5°♓02'32	3°38'46
morning rise	-10054 May 18 j 01:30	0°♓00'55	
	-10054 May 18 j 02:28	30°℞♒	
direct	-10054 May 20 j 16:34	29°♒30'12	
	-10054 May 23 j 05:41	0°♓	
morning max el	-10054 May 27 j 10:04	2°♓53'31	18°01'41
asc. node	-10054 May 31 j 12:49	7°♓50'19	
morning set	-10054 Jun 12 j 20:14	28°♓36'43	
	-10054 Jun 13 j 14:41	0°♈	
superior conj	-10054 Jun 23 j 22:57	18°♈17'34	1°46'44
minimum elong	-10054 Jun 24 j 01:20	18°♈27'51	1°46'46
	-10054 Jun 30 j 22:04	0°♉	
max. Earth dist.	-10054 Jun 30 j 23:37	0°♉06'24	1.42482 AU
evening rise	-10054 Jul 08 j 12:27	12°♉13'48	
desc. node	-10054 Jul 17 j 04:41	25°♉37'00	
	-10054 Jul 20 j 02:49	0°♊	
evening max el	-10054 Aug 08 j 17:27	26°♊11'45	21°32'59
	-10054 Aug 13 j 06:48	0°♋	
retrograde	-10054 Aug 17 j 12:28	1°♋23'21	
	-10054 Aug 21 j 09:38	30°℞♊	
evening set	-10054 Aug 21 j 18:16	29°♊43'38	
inferior conj	-10054 Aug 27 j 01:28	23°♊33'19	-0°09'34
minimum elong	-10054 Aug 27 j 01:40	23°♊32'38	0°08'56
transit middle	-10054 Aug 27 j 01:40	23°♊32'38	0°08'56
transit begin	-10054 Aug 26 j 23:24	23°♊40'26	
transit end	-10054 Aug 27 j 03:56	23°♊24'49	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10054 Aug 27 j 09:39	23°♊05'13	0.67085 AU
asc. node	-10054 Aug 27 j 13:18	22°♊52'39	
morning rise	-10054 Sep 01 j 08:55	17°♊13'59	
direct	-10054 Sep 06 j 07:03	15°♊10'46	
morning max el	-10054 Sep 16 j 15:51	21°♊24'25	23°22'22
	-10054 Sep 24 j 00:37	0°♋	
desc. node	-10054 Oct 13 j 03:35	27°♋30'25	
	-10054 Oct 14 j 17:38	0°♌	
morning set	-10054 Oct 21 j 07:21	10°♌40'20	
max. Earth dist.	-10054 Oct 25 j 21:33	18°♌28'56	1.39657 AU
	-10054 Nov 01 j 08:28	0°♍	
superior conj	-10054 Nov 02 j 10:26	1°♍59'38	-1°38'46
minimum elong	-10054 Nov 02 j 08:32	1°♍50'48	1°38'20
evening rise	-10054 Nov 11 j 17:27	19°♍39'28	
	-10054 Nov 17 j 05:00	0°♎	
asc. node	-10054 Nov 23 j 11:52	10°♎23'37	
evening max el	-10054 Nov 28 j 00:32	15°♎52'42	18°33'39
retrograde	-10054 Dec 05 j 18:59	19°♎40'43	
evening set	-10054 Dec 08 j 07:11	19°♎18'21	
inferior conj	-10054 Dec 15 j 20:51	14°♎46'15	4°15'45
minimum elong	-10054 Dec 15 j 20:55	14°♎46'06	4°15'40
min. Earth dist.	-10054 Dec 19 j 02:48	12°♎14'48	0.58849 AU
morning rise	-10054 Dec 23 j 08:51	9°♎31'00	
direct	-10054 Dec 29 j 14:33	7°♎53'19	
desc. node	-10053 Jan 09 j 04:56	12°♎12'13	
morning max el	-10053 Jan 12 j 16:37	15°♎13'29	26°21'31
	-10053 Jan 24 j 15:56	0°♏	
	-10053 Feb 10 j 09:09	0°♐	
morning set	-10053 Feb 10 j 18:56	0°♐51'00	
superior conj	-10053 Feb 17 j 18:44	15°♐54'36	-0°15'57
minimum elong	-10053 Feb 17 j 19:25	15°♐58'21	0°16'21
max. Earth dist.	-10053 Feb 18 j 01:06	16°♐29'20	1.32811 AU
asc. node	-10053 Feb 19 j 09:52	19°♐28'03	
	-10053 Feb 24 j 08:01	0°♑	
evening rise	-10053 Feb 24 j 21:23	1°♑09'34	
	-10053 Mar 12 j 19:14	0°♒	
evening max el	-10053 Mar 26 j 18:10	17°♒36'54	26°39'46
desc. node	-10053 Apr 07 j 04:46	24°♒42'38	
retrograde	-10053 Apr 09 j 20:37	25°♒00'34	
evening set	-10053 Apr 16 j 03:19	23°♒18'04	
min. Earth dist.	-10053 Apr 20 j 07:24	20°♒29'43	0.59891 AU
inferior conj	-10053 Apr 23 j 15:52	17°♒45'03	-3°21'18
minimum elong	-10053 Apr 23 j 13:20	17°♒50'19	3°21'26
morning rise	-10053 May 01 j 01:47	13°♒04'39	
direct	-10053 May 03 j 13:20	12°♒41'20	
morning max el	-10053 May 10 j 21:32	16°♒15'13	18°16'39
asc. node	-10053 May 18 j 09:39	26°♒16'32	
	-10053 May 20 j 14:18	0°♓	
morning set	-10053 May 26 j 23:39	11°♓43'41	
superior conj	-10053 Jun 05 j 18:27	29°♓54'08	1°49'22
minimum elong	-10053 Jun 05 j 17:42	29°♓50'46	1°49'18
	-10053 Jun 05 j 19:45	0°♈	
max. Earth dist.	-10053 Jun 13 j 04:22	12°♈55'28	1.40764 AU
evening rise	-10053 Jun 18 j 08:20	21°♈33'20	
	-10053 Jun 23 j 14:30	0°♉	
desc. node	-10053 Jul 04 j 02:03	15°♉54'28	
	-10053 Jul 14 j 05:34	0°♊	
evening max el	-10053 Jul 22 j 08:32	9°♊33'28	22°52'17
retrograde	-10053 Aug 01 j 06:15	15°♊25'55	
evening set	-10053 Aug 06 j 02:07	13°♊24'57	
inferior conj	-10053 Aug 11 j 07:44	7°♊10'35	-0°59'15
minimum elong	-10053 Aug 11 j 08:58	7°♊06'20	0°58'17
min. Earth dist.	-10053 Aug 11 j 05:27	7°♊18'30	0.67256 AU
asc. node	-10053 Aug 14 j 10:15	3°♊07'23	
morning rise	-10053 Aug 16 j 15:43	0°♊54'50	
	-10053 Aug 18 j 00:00	30°℞♉	
direct	-10053 Aug 21 j 00:27	29°♉10'51	
	-10053 Aug 24 j 06:10	0°♊	
morning max el	-10053 Aug 30 j 05:31	4°♊41'55	21°59'02
	-10053 Sep 18 j 06:44	0°♋	
desc. node	-10053 Sep 30 j 00:28	17°♋59'08	
morning set	-10053 Oct 01 j 08:47	20°♋07'29	
	-10053 Oct 07 j 10:33	0°♌	
max. Earth dist.	-10053 Oct 07 j 23:30	0°♌53'47	1.41596 AU
superior conj	-10053 Oct 15 j 11:29	13°♌42'30	-1°24'05
minimum elong	-10053 Oct 15 j 07:24	13°♌24'37	1°23'16
	-10053 Oct 24 j 12:18	0°♍	
evening rise	-10053 Oct 26 j 01:21	2°♍50'44	
asc. node	-10053 Nov 10 j 09:08	27°♍48'02	
evening max el	-10053 Nov 11 j 08:44	28°♍49'58	18°11'16
	-10053 Nov 12 j 15:32	0°♎	
retrograde	-10053 Nov 18 j 09:27	2°♎24'43	
evening set	-10053 Nov 20 j 22:23	1°♎57'23	
	-10053 Nov 24 j 10:56	30°℞♍	
inferior conj	-10053 Nov 27 j 23:25	27°♍03'20	4°04'57
minimum elong	-10053 Nov 27 j 20:52	27°♍09'05	4°04'45
min. Earth dist.	-10053 Dec 01 j 01:25	24°♍17'26	0.60730 AU
morning rise	-10053 Dec 04 j 18:02	21°♍29'12	
direct	-10053 Dec 11 j 15:41	19°♍16'32	
morning max el	-10053 Dec 25 j 15:33	26°♍44'06	27°15'57
desc. node	-10053 Dec 27 j 01:39	28°♍09'11	
	-10053 Dec 28 j 19:05	0°♎	
	-10052 Jan 18 j 01:43	0°♏	
morning set	-10052 Jan 26 j 03:33	15°♏43'31	
max. Earth dist.	-10052 Feb 01 j 14:30	29°♏30'14	1.32800 AU
	-10052 Feb 01 j 19:58	0°♐	
superior conj	-10052 Feb 02 j 06:29	0°♐57'20	-0°38'27
minimum elong	-10052 Feb 02 j 08:00	1°♐05'37	0°38'38
asc. node	-10052 Feb 06 j 07:04	9°♐42'49	
evening rise	-10052 Feb 09 j 07:07	16°♐06'29	
	-10052 Feb 16 j 07:17	0°♑	
evening max el	-10052 Mar 07 j 15:22	28°♑58'23	25°31'43
	-10052 Mar 08 j 18:02	0°♒	
retrograde	-10052 Mar 21 j 17:04	6°♒09'58	
desc. node	-10052 Mar 24 j 01:56	5°♒56'28	
evening set	-10052 Mar 27 j 00:39	5°♒02'54	
min. Earth dist.	-10052 Apr 01 j 04:22	2°♒08'14	0.57956 AU
inferior conj	-10052 Apr 04 j 07:53	29°♑54'43	-2°36'22
minimum elong	-10052 Apr 04 j 03:51	0°♒01'54	2°36'00
	-10052 Apr 04 j 04:55	30°℞♑	
morning rise	-10052 Apr 12 j 10:16	25°♑34'06	
direct	-10052 Apr 14 j 18:09	25°♑17'00	
morning max el	-10052 Apr 23 j 03:46	29°♑15'40	18°51'13
	-10052 Apr 23 j 21:47	0°♒	
asc. node	-10052 May 04 j 06:32	15°♒18'32	
morning set	-10052 May 09 j 15:29	25°♒30'39	
	-10052 May 11 j 22:36	0°♓	
superior conj	-10052 May 18 j 10:45	12°♓35'06	1°41'29
minimum elong	-10052 May 18 j 08:16	12°♓23'18	1°41'05
max. Earth dist.	-10052 May 25 j 05:08	25°♓03'14	1.38877 AU
	-10052 May 28 j 00:28	0°♈	
evening rise	-10052 May 29 j 07:18	2°♈13'17	
	-10052 Jun 15 j 20:03	0°♉	
desc. node	-10052 Jun 19 j 23:27	5°♉53'45	
evening max el	-10052 Jul 03 j 19:22	22°♉54'22	24°14'13
retrograde	-10052 Jul 14 j 20:47	29°♉26'36	
evening set	-10052 Jul 20 j 07:33	27°♉05'09	
min. Earth dist.	-10052 Jul 25 j 00:23	21°♉34'10	0.67116 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10052 Jul 25 j 13:38	20°♉49'13	-1°45'22	
minimum elong	-10052 Jul 25 j 15:40	20°♉42'16	1°44'16	
morning rise	-10052 Jul 30 j 23:46	14°♉40'20		
asc. node	-10052 Jul 31 j 07:12	14°♉27'03		
direct	-10052 Aug 03 j 20:46	13°♉14'24		
morning max el	-10052 Aug 12 j 01:05	18°♉04'47	20°42'45	
	-10052 Aug 21 j 11:48	0°♊		
morning set	-10052 Sep 09 j 14:15	28°♊40'42		
	-10052 Sep 10 j 10:36	0°♋		
desc. node	-10052 Sep 15 j 21:27	8°♋35'34		
max. Earth dist.	-10052 Sep 19 j 07:46	14°♋05'36	1.43192 AU	
superior conj	-10052 Sep 25 j 10:56	24°♋09'10	-0°56'02	
minimum elong	-10052 Sep 25 j 06:12	23°♋49'28	0°54'57	
	-10052 Sep 28 j 22:23	0°♌		
evening rise	-10052 Oct 07 j 18:18	15°♌17'35		
	-10052 Oct 16 j 06:03	0°♍		
evening max el	-10052 Oct 24 j 21:00	12°♍03'56	18°08'32	
asc. node	-10052 Oct 27 j 06:23	14°♍06'19		
retrograde	-10052 Oct 31 j 13:02	15°♍36'08		
evening set	-10052 Nov 03 j 04:16	15°♍02'15		
inferior conj	-10052 Nov 09 j 18:04	9°♍47'51	3°34'41	
minimum elong	-10052 Nov 09 j 14:25	9°♍57'08	3°34'10	
min. Earth dist.	-10052 Nov 12 j 09:18	7°♍06'53	0.62514 AU	
morning rise	-10052 Nov 15 j 23:37	3°♍58'04		
direct	-10052 Nov 23 j 01:33	1°♍21'41		
morning max el	-10052 Dec 06 j 20:40	8°♍55'03	27°36'04	
desc. node	-10052 Dec 12 j 22:24	15°♍35'29		
	-10052 Dec 23 j 07:54	0°♎		
morning set	-10051 Jan 09 j 07:09	0°♏18'37		
	-10051 Jan 09 j 03:28	0°♏		
max. Earth dist.	-10051 Jan 15 j 00:27	12°♏16'12	1.33136 AU	
superior conj	-10051 Jan 16 j 16:55	15°♏54'10	-0°59'09	
minimum elong	-10051 Jan 16 j 19:01	16°♏05'29	0°59'11	
asc. node	-10051 Jan 23 j 04:17	29°♏50'55		
	-10051 Jan 23 j 06:00	0°♐		
evening rise	-10051 Jan 23 j 18:22	1°♐05'07		
	-10051 Feb 08 j 23:23	0°♑		
evening max el	-10051 Feb 17 j 08:44	9°♑54'08	24°04'14	
retrograde	-10051 Mar 03 j 01:51	16°♑42'28		
evening set	-10051 Mar 07 j 05:47	16°♑03'52		
desc. node	-10051 Mar 10 j 23:01	14°♑30'59		
min. Earth dist.	-10051 Mar 13 j 21:40	12°♑50'22	0.56391 AU	
inferior conj	-10051 Mar 16 j 04:05	11°♑25'45	-1°19'11	
minimum elong	-10051 Mar 16 j 01:03	11°♑30'28	1°18'50	
morning rise	-10051 Mar 24 j 23:19	7°♑19'57		
direct	-10051 Mar 27 j 04:35	7°♑06'54		
morning max el	-10051 Apr 06 j 01:53	11°♑45'46	19°45'34	
	-10051 Apr 18 j 15:13	0°♒		
asc. node	-10051 Apr 21 j 03:29	4°♒47'56		
morning set	-10051 Apr 23 j 16:12	9°♒48'50		
superior conj	-10051 May 01 j 18:29	26°♒05'47	1°26'27	
minimum elong	-10051 May 01 j 15:29	25°♒51'00	1°25'45	
	-10051 May 03 j 18:10	0°♓		
max. Earth dist.	-10051 May 07 j 07:04	6°♓46'33	1.37074 AU	
evening rise	-10051 May 11 j 07:43	14°♓11'44		
	-10051 May 20 j 13:03	0°♈		
desc. node	-10051 Jun 06 j 20:51	25°♈27'13		
	-10051 Jun 10 j 12:10	0°♉		
evening max el	-10051 Jun 16 j 05:02	6°♉17'33	25°30'51	
retrograde	-10051 Jun 28 j 07:19	13°♉21'11		
evening set	-10051 Jul 04 j 08:33	10°♉43'15		
min. Earth dist.	-10051 Jul 08 j 16:10	5°♉50'22	0.66641 AU	
inferior conj	-10051 Jul 09 j 17:23	4°♉28'06	-2°26'24	
minimum elong	-10051 Jul 09 j 19:55	4°♉19'51	2°25'23	
	-10051 Jul 13 j 11:41	30°♑℞		
morning rise	-10051 Jul 15 j 07:19	28°♈29'11		
asc. node	-10051 Jul 18 j 04:07	27°♈21'13		
direct	-10051 Jul 18 j 18:40	27°♈19'07		
	-10051 Jul 24 j 11:26	0°♉		
morning max el	-10051 Jul 26 j 03:15	1°♉34'36	19°38'21	
	-10051 Aug 15 j 03:14	0°♊		
morning set	-10051 Aug 19 j 18:06	7°♊12'14		
max. Earth dist.	-10051 Sep 01 j 21:10	27°♊51'24	1.44243 AU	
desc. node	-10051 Sep 02 j 18:29	29°♊16'09		
	-10051 Sep 03 j 05:30	0°♋		
superior conj	-10051 Sep 05 j 06:49	3°♋17'04	-0°15'14	
minimum elong	-10051 Sep 05 j 05:06	3°♋10'12	0°14'26	
behind sun begin	-10051 Sep 04 j 23:53	2°♋49'16		
behind sun end	-10051 Sep 05 j 10:20	3°♋31'08		
evening rise	-10051 Sep 19 j 15:02	26°♋47'15		
	-10051 Sep 21 j 13:06	0°♌		
evening max el	-10051 Oct 08 j 10:27	25°♌27'55	18°24'24	
asc. node	-10051 Oct 14 j 03:37	29°♌02'04		
retrograde	-10051 Oct 15 j 01:29	29°♌06'34		
evening set	-10051 Oct 17 j 21:08	28°♌23'42		
inferior conj	-10051 Oct 24 j 01:11	22°♌51'38	2°52'39	
minimum elong	-10051 Oct 23 j 21:39	23°♌01'39	2°52'02	
min. Earth dist.	-10051 Oct 26 j 03:19	20°♌29'53	0.64062 AU	
morning rise	-10051 Oct 29 j 21:30	16°♌49'26		
direct	-10051 Nov 05 j 18:47	14°♌03'24		
morning max el	-10051 Nov 19 j 05:28	21°♌37'45	27°21'37	
	-10051 Nov 26 j 15:54	0°♍		
desc. node	-10051 Nov 29 j 19:06	4°♍04'41		
	-10051 Dec 16 j 09:34	0°♎		
morning set	-10051 Dec 24 j 02:53	14°♎25'58		
max. Earth dist.	-10051 Dec 29 j 03:02	24°♎34'21	1.33867 AU	
	-10051 Dec 31 j 17:03	0°♏		
superior conj	-10050 Jan 01 j 00:08	0°♏37'34	-1°17'09	
minimum elong	-10050 Jan 01 j 02:26	0°♏49'45	1°17'07	
evening rise	-10050 Jan 08 j 05:22	15°♏58'28		
asc. node	-10050 Jan 10 j 01:32	19°♏46'51		
	-10050 Jan 15 j 07:45	0°♐		
evening max el	-10050 Jan 30 j 03:03	20°♐46'06	22°30'22	
retrograde	-10050 Feb 11 j 22:23	26°♐55'20		
evening set	-10050 Feb 15 j 03:25	26°♐32'46		
min. Earth dist.	-10050 Feb 23 j 13:05	22°♐48'21	0.55513 AU	
inferior conj	-10050 Feb 24 j 07:34	22°♐21'48	0°23'54	
minimum elong	-10050 Feb 24 j 08:36	22°♐20'20	0°22'59	
desc. node	-10050 Feb 25 j 20:04	21°♐29'49		
morning rise	-10050 Mar 05 j 14:56	18°♐19'11		
direct	-10050 Mar 07 j 23:57	18°♐06'01		
morning max el	-10050 Mar 19 j 13:21	23°♐36'01	20°59'03	
	-10050 Mar 25 j 02:17	0°♑		
morning set	-10050 Apr 07 j 22:56	24°♑29'02		
asc. node	-10050 Apr 08 j 00:27	24°♑36'46		
	-10050 Apr 10 j 14:59	0°♒		
superior conj	-10050 Apr 15 j 13:09	10°♒12'13	1°06'55	
minimum elong	-10050 Apr 15 j 10:29	9°♒58'33	1°06'02	
max. Earth dist.	-10050 Apr 19 j 16:34	18°♒33'50	1.35531 AU	
evening rise	-10050 Apr 24 j 03:51	27°♒12'02		
	-10050 Apr 25 j 15:51	0°♓		
	-10050 May 13 j 20:32	0°♈		
desc. node	-10050 May 24 j 18:14	14°♈23'47		
evening max el	-10050 May 29 j 15:33	19°♈40'44	26°33'40	
retrograde	-10050 Jun 11 j 13:04	27°♈03'25		
evening set	-10050 Jun 18 j 02:47	24°♈16'28		
min. Earth dist.	-10050 Jun 22 j 02:27	20°♈02'44	0.65795 AU	
inferior conj	-10050 Jun 23 j 16:59	18°♈04'38	-3°00'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10050 Jun 23 j 19:33	17°♈56'46	2°59'56	
morning rise	-10050 Jun 29 j 12:30	12°♈18'42		
direct	-10050 Jul 02 j 16:15	11°♈22'04		
asc. node	-10050 Jul 05 j 01:01	11°♈52'37		
morning max el	-10050 Jul 09 j 11:17	15°♈10'29	18°49'00	
	-10050 Jul 20 j 06:41	0°♉		
morning set	-10050 Jul 30 j 15:25	16°♉34'11		
	-10050 Aug 08 j 00:57	0°♊		
superior conj	-10050 Aug 15 j 08:15	11°♊34'31	0°31'37	
minimum elong	-10050 Aug 15 j 12:09	11°♊49'57	0°31'42	
max. Earth dist.	-10050 Aug 15 j 13:46	11°♊56'21	1.44624 AU	
desc. node	-10050 Aug 20 j 15:35	19°♊57'56		
	-10050 Aug 26 j 23:20	0°♋		
evening rise	-10050 Aug 31 j 10:24	7°♋07'20		
	-10050 Sep 14 j 23:35	0°♌		
evening max el	-10050 Sep 21 j 22:15	8°♌56'43	18°57'42	
retrograde	-10050 Sep 28 j 19:16	12°♌50'16		
asc. node	-10050 Oct 01 j 00:48	12°♌21'47		
evening set	-10050 Oct 01 j 21:37	11°♌55'25		
inferior conj	-10050 Oct 07 j 17:34	6°♌08'37	2°04'06	
minimum elong	-10050 Oct 07 j 14:49	6°♌17'06	2°03'39	
min. Earth dist.	-10050 Oct 09 j 06:39	4°♌14'43	0.65307 AU	
morning rise	-10050 Oct 13 j 07:35	29°♋57'14		
	-10050 Oct 13 j 06:17	30°℞♋		
direct	-10050 Oct 19 j 18:20	27°♋14'18		
	-10050 Oct 27 j 03:10	0°♌		
morning max el	-10050 Nov 01 j 15:28	4°♌40'48	26°37'25	
desc. node	-10050 Nov 16 j 15:48	23°♌18'18		
	-10050 Nov 21 j 03:53	0°♍		
morning set	-10050 Dec 07 j 11:17	27°♍54'27		
	-10050 Dec 08 j 13:38	0°♎		
max. Earth dist.	-10050 Dec 11 j 19:23	6°♎19'54	1.35031 AU	
superior conj	-10050 Dec 16 j 01:58	15°♎00'31	-1°31'20	
minimum elong	-10050 Dec 16 j 03:58	15°♎10'47	1°31'17	
	-10050 Dec 23 j 06:31	0°♏		
evening rise	-10050 Dec 23 j 14:27	0°♏40'59		
asc. node	-10050 Dec 27 j 22:47	9°♏25'01		
	-10049 Jan 10 j 05:27	0°♐		
evening max el	-10049 Jan 12 j 03:38	1°♐56'58	21°02'32	
retrograde	-10049 Jan 23 j 12:14	7°♐17'50		
evening set	-10049 Jan 26 j 05:19	7°♐00'42		
inferior conj	-10049 Feb 04 j 04:25	3°♐02'05	2°09'26	
minimum elong	-10049 Feb 04 j 09:28	2°♐54'48	2°07'28	
min. Earth dist.	-10049 Feb 05 j 03:09	2°♐29'24	0.55506 AU	
	-10049 Feb 09 j 21:55	30°℞♏		
desc. node	-10049 Feb 12 j 17:01	28°♏59'43		
morning rise	-10049 Feb 13 j 12:38	28°♏47'30		
direct	-10049 Feb 16 j 14:31	28°♏26'38		
	-10049 Feb 22 j 23:39	0°♐		
morning max el	-10049 Mar 01 j 13:37	4°♐45'45	22°28'25	
	-10049 Mar 18 j 17:14	0°♑		
morning set	-10049 Mar 23 j 09:23	9°♑24'15		
asc. node	-10049 Mar 25 j 21:24	14°♑39'29		
superior conj	-10049 Mar 30 j 15:28	24°♑44'23	0°44'43	
minimum elong	-10049 Mar 30 j 13:35	24°♑34'27	0°43'50	
	-10049 Apr 02 j 03:47	0°♒		
max. Earth dist.	-10049 Apr 02 j 12:31	0°♒45'09	1.34331 AU	
evening rise	-10049 Apr 07 j 14:19	10°♒58'00		
	-10049 Apr 18 j 01:12	0°♓		
	-10049 May 09 j 07:05	0°♈		
desc. node	-10049 May 11 j 15:38	2°♈27'45		
evening max el	-10049 May 12 j 02:35	2°♈54'42	27°14'23	
retrograde	-10049 May 25 j 13:18	10°♈25'28		
evening set	-10049 Jun 01 j 11:24	7°♈40'13		

min. Earth dist.	-10049 Jun 05 j 05:03	4°♈03'14	0.64557 AU	
inferior conj	-10049 Jun 07 j 10:04	1°♈34'16	-3°25'46	
minimum elong	-10049 Jun 07 j 12:03	1°♈28'39	3°25'33	
	-10049 Jun 08 j 20:09	30°℞♓		
morning rise	-10049 Jun 13 j 13:11	26°♓04'12		
direct	-10049 Jun 16 j 11:07	25°♓18'52		
asc. node	-10049 Jun 21 j 21:51	27°♓49'06		
morning max el	-10049 Jun 22 j 23:24	28°♓49'13	18°16'29	
	-10049 Jun 24 j 01:55	0°♈		
morning set	-10049 Jul 11 j 14:04	27°♈06'57		
	-10049 Jul 13 j 07:23	0°♉		
superior conj	-10049 Jul 25 j 12:18	20°♉01'15	1°12'38	
minimum elong	-10049 Jul 25 j 18:53	20°♉27'42	1°12'23	
max. Earth dist.	-10049 Jul 29 j 06:31	26°♉01'58	1.44292 AU	
	-10049 Jul 31 j 18:33	0°♊		
desc. node	-10049 Aug 07 j 12:47	10°♊37'29		
evening rise	-10049 Aug 11 j 03:25	16°♊15'27		
	-10049 Aug 20 j 00:37	0°♋		
greatest brilliancy	-10049 Aug 23 j 04:06	4°♋47'10	-0.7m	
evening max el	-10049 Sep 05 j 05:45	22°♋25'13	19°47'07	
retrograde	-10049 Sep 12 j 15:36	26°♋42'34		
evening set	-10049 Sep 16 j 02:57	25°♋32'28		
asc. node	-10049 Sep 17 j 21:55	24°♋03'08		
inferior conj	-10049 Sep 21 j 16:30	19°♋33'57	1°12'26	
minimum elong	-10049 Sep 21 j 14:51	19°♋39'21	1°12'22	
min. Earth dist.	-10049 Sep 22 j 17:32	18°♋12'10	0.66235 AU	
morning rise	-10049 Sep 27 j 02:30	13°♋16'43		
direct	-10049 Oct 02 j 23:30	10°♋45'51		
morning max el	-10049 Oct 15 j 01:09	17°♋53'02	25°30'56	
	-10049 Oct 25 j 07:19	0°♌		
desc. node	-10049 Nov 03 j 12:30	13°♌02'48		
	-10049 Nov 14 j 03:37	0°♍		
morning set	-10049 Nov 20 j 03:45	10°♍30'17		
max. Earth dist.	-10049 Nov 24 j 01:06	17°♍41'29	1.36612 AU	
superior conj	-10049 Nov 29 j 19:37	28°♍53'42	-1°40'16	
minimum elong	-10049 Nov 29 j 20:39	28°♍58'50	1°40'10	
	-10049 Nov 30 j 08:54	0°♎		
evening rise	-10049 Dec 07 j 19:44	15°♎06'26		
asc. node	-10049 Dec 14 j 20:04	28°♎38'25		
	-10049 Dec 15 j 14:34	0°♏		
evening max el	-10049 Dec 25 j 13:41	13°♏39'20	19°49'29	
retrograde	-10048 Jan 04 j 08:01	18°♏15'16		
evening set	-10048 Jan 06 j 21:02	17°♏57'59		
inferior conj	-10048 Jan 15 j 08:12	13°♏54'01	3°28'59	
minimum elong	-10048 Jan 15 j 13:26	13°♏45'46	3°27'37	
min. Earth dist.	-10048 Jan 17 j 16:33	12°♏25'46	0.56340 AU	
morning rise	-10048 Jan 24 j 03:48	9°♏16'02		
direct	-10048 Jan 28 j 10:52	8°♏34'55		
desc. node	-10048 Jan 30 j 13:53	8°♏45'16		
morning max el	-10048 Feb 11 j 06:06	15°♏29'22	24°05'40	
	-10048 Feb 22 j 16:56	0°♐		
morning set	-10048 Mar 06 j 21:40	24°♐28'04		
	-10048 Mar 09 j 12:14	0°♑		
asc. node	-10048 Mar 11 j 18:25	4°♑51'32		
superior conj	-10048 Mar 13 j 22:54	9°♑34'32	0°21'15	
minimum elong	-10048 Mar 13 j 22:00	9°♑29'43	0°20'30	
max. Earth dist.	-10048 Mar 15 j 17:35	13°♑23'13	1.33476 AU	
evening rise	-10048 Mar 21 j 10:57	25°♑16'42		
	-10048 Mar 23 j 20:11	0°♒		
	-10048 Apr 10 j 13:33	0°♓		
evening max el	-10048 Apr 23 j 12:10	15°♓47'36	27°26'23	
desc. node	-10048 Apr 27 j 12:59	19°♓17'34		
retrograde	-10048 May 07 j 07:31	23°♓19'35		
evening set	-10048 May 14 j 07:15	20°♓49'03		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-10048 May 17 j 22:35	17°♓41'32	0.62943 AU
inferior conj	-10048 May 20 j 17:50	14°♓51'58	-3°38'33
minimum elong	-10048 May 20 j 18:31	14°♓50'13	3°38'45
morning rise	-10048 May 27 j 06:53	9°♓40'16	
direct	-10048 May 30 j 00:18	9°♓04'35	
morning max el	-10048 Jun 05 j 13:24	12°♓27'01	18°01'52
asc. node	-10048 Jun 07 j 18:39	14°♓55'18	
	-10048 Jun 17 j 12:11	0°♈	
morning set	-10048 Jun 22 j 12:50	8°♈48'03	
superior conj	-10048 Jul 04 j 14:06	29°♈32'56	1°38'56
minimum elong	-10048 Jul 04 j 18:35	29°♈51'40	1°38'54
	-10048 Jul 04 j 20:35	0°♉	
max. Earth dist.	-10048 Jul 10 j 20:01	9°♉49'14	1.43297 AU
evening rise	-10048 Jul 20 j 04:48	24°♉40'36	
	-10048 Jul 23 j 15:22	0°♊	
desc. node	-10048 Jul 24 j 10:04	1°♊11'47	
	-10048 Aug 13 j 06:45	0°♋	
evening max el	-10048 Aug 18 j 07:03	5°♋51'00	20°50'51
retrograde	-10048 Aug 26 j 12:20	10°♋40'55	
evening set	-10048 Aug 30 j 10:50	9°♋12'36	
asc. node	-10048 Sep 03 j 18:59	4°♋29'09	
inferior conj	-10048 Sep 04 j 19:48	3°♋05'30	0°20'07
minimum elong	-10048 Sep 04 j 19:20	3°♋07'06	0°20'31
min. Earth dist.	-10048 Sep 05 j 09:53	2°♋17'39	0.66858 AU
	-10048 Sep 07 j 03:40	30°℞♊	
morning rise	-10048 Sep 10 j 03:41	26°♊45'50	
direct	-10048 Sep 15 j 09:56	24°♊32'05	
	-10048 Sep 25 j 07:01	0°♋	
morning max el	-10048 Sep 26 j 10:49	1°♋08'16	24°10'56
	-10048 Oct 18 j 07:43	0°♌	
desc. node	-10048 Oct 20 j 09:15	3°♌09'26	
morning set	-10048 Oct 31 j 22:50	21°♌59'26	
max. Earth dist.	-10048 Nov 05 j 00:04	29°♌05'09	1.38507 AU
	-10048 Nov 05 j 12:20	0°♍	
superior conj	-10048 Nov 12 j 01:26	12°♍06'50	-1°41'59
minimum elong	-10048 Nov 12 j 00:46	12°♍03'42	1°41'43
evening rise	-10048 Nov 20 j 19:02	29°♍08'50	
	-10048 Nov 21 j 05:28	0°♎	
asc. node	-10048 Nov 30 j 17:21	17°♎18'35	
evening max el	-10048 Dec 07 j 09:50	25°♎55'31	18°55'27
retrograde	-10048 Dec 15 j 19:19	29°♎57'29	
evening set	-10048 Dec 18 j 07:18	29°♎37'32	
inferior conj	-10048 Dec 26 j 04:42	25°♎17'16	4°09'17
minimum elong	-10048 Dec 26 j 06:50	25°♎13'25	4°08'56
min. Earth dist.	-10048 Dec 29 j 07:20	23°♎03'38	0.57819 AU
morning rise	-10047 Jan 03 j 04:15	20°♎14'04	
direct	-10047 Jan 08 j 18:53	18°♎58'55	
desc. node	-10047 Jan 16 j 10:40	21°♎14'49	
morning max el	-10047 Jan 22 j 21:13	26°♎13'24	25°37'19
	-10047 Jan 26 j 11:27	0°♏	
	-10047 Feb 14 j 16:52	0°♐	
morning set	-10047 Feb 19 j 09:57	9°♐33'07	
superior conj	-10047 Feb 26 j 09:23	24°♐34'55	-0°02'31
minimum elong	-10047 Feb 26 j 09:31	24°♐35'38	0°03'03
behind sun begin	-10047 Feb 26 j 04:34	24°♐08'41	
behind sun end	-10047 Feb 26 j 14:28	25°♐02'34	
asc. node	-10047 Feb 26 j 15:29	25°♐08'08	
max. Earth dist.	-10047 Feb 27 j 04:38	26°♐19'36	1.32955 AU
	-10047 Feb 28 j 21:21	0°♑	
evening rise	-10047 Mar 05 j 14:30	9°♑56'57	
	-10047 Mar 16 j 04:32	0°♒	
evening max el	-10047 Apr 05 j 17:57	28°♒07'45	27°06'03
	-10047 Apr 07 j 19:13	0°♓	
desc. node	-10047 Apr 14 j 10:16	4°♓23'02	
retrograde	-10047 Apr 19 j 18:54	5°♓36'33	
evening set	-10047 Apr 26 j 10:47	3°♓33'42	
min. Earth dist.	-10047 Apr 30 j 06:59	0°♓42'48	0.61039 AU
	-10047 May 01 j 02:46	30°℞♒	
inferior conj	-10047 May 03 j 12:57	27°♒49'49	-3°34'09
minimum elong	-10047 May 03 j 11:39	27°♒52'42	3°34'27
morning rise	-10047 May 10 j 14:31	22°♒58'03	
direct	-10047 May 13 j 04:03	22°♒30'43	
morning max el	-10047 May 20 j 02:38	25°♒56'48	18°05'47
	-10047 May 23 j 14:18	0°♓	
asc. node	-10047 May 25 j 15:28	2°♓55'41	
morning set	-10047 Jun 05 j 07:07	21°♓26'06	
	-10047 Jun 09 j 23:18	0°♈	
superior conj	-10047 Jun 15 j 19:09	10°♈25'29	1°49'24
minimum elong	-10047 Jun 15 j 20:04	10°♈29'31	1°49'26
max. Earth dist.	-10047 Jun 23 j 03:30	22°♈59'52	1.41780 AU
	-10047 Jun 27 j 09:46	0°♉	
evening rise	-10047 Jun 29 j 12:11	3°♉22'52	
desc. node	-10047 Jul 11 j 07:26	21°♉36'31	
	-10047 Jul 17 j 01:05	0°♊	
evening max el	-10047 Aug 01 j 01:28	19°♊13'01	22°05'58
retrograde	-10047 Aug 10 j 07:42	24°♊42'25	
evening set	-10047 Aug 14 j 19:15	22°♊53'43	
inferior conj	-10047 Aug 20 j 01:31	16°♊41'06	-0°31'00
minimum elong	-10047 Aug 20 j 02:10	16°♊38'49	0°30'11
min. Earth dist.	-10047 Aug 20 j 05:14	16°♊28'16	0.67186 AU
asc. node	-10047 Aug 21 j 15:59	14°♊29'52	
morning rise	-10047 Aug 25 j 08:58	10°♊22'42	
direct	-10047 Aug 30 j 01:07	8°♊27'48	
morning max el	-10047 Sep 08 j 22:15	14°♊24'15	22°46'28
	-10047 Sep 21 j 10:28	0°♋	
desc. node	-10047 Oct 07 j 06:06	23°♋31'41	
	-10047 Oct 11 j 07:30	0°♌	
morning set	-10047 Oct 12 j 15:49	2°♌11'22	
max. Earth dist.	-10047 Oct 17 j 22:48	11°♌00'38	1.40501 AU
superior conj	-10047 Oct 25 j 14:41	24°♌27'23	-1°34'04
minimum elong	-10047 Oct 25 j 11:48	24°♌14'21	1°33'29
	-10047 Oct 28 j 15:25	0°♍	
evening rise	-10047 Nov 04 j 09:37	12°♍41'33	
	-10047 Nov 14 j 00:31	0°♎	
asc. node	-10047 Nov 17 j 14:39	5°♎15'03	
evening max el	-10047 Nov 20 j 14:30	8°♎41'00	18°21'41
retrograde	-10047 Nov 28 j 00:23	12°♎21'59	
evening set	-10047 Nov 30 j 12:37	11°♎57'48	
inferior conj	-10047 Dec 07 j 20:48	7°♎16'39	4°14'09
minimum elong	-10047 Dec 07 j 19:34	7°♎19'13	4°14'05
min. Earth dist.	-10047 Dec 11 j 02:25	4°♎36'06	0.59644 AU
morning rise	-10047 Dec 15 j 00:51	1°♎52'39	
	-10047 Dec 20 j 22:45	30°℞♍	
direct	-10047 Dec 21 j 14:51	29°♍58'49	
	-10047 Dec 22 j 07:00	0°♎	
desc. node	-10046 Jan 03 j 07:24	6°♎06'38	
morning max el	-10046 Jan 04 j 16:32	7°♎23'22	26°48'30
	-10046 Jan 21 j 18:12	0°♏	
morning set	-10046 Feb 03 j 20:30	24°♏32'44	
	-10046 Feb 06 j 10:26	0°♐	
superior conj	-10046 Feb 10 j 21:13	9°♐39'15	-0°25'40
minimum elong	-10046 Feb 10 j 22:16	9°♐45'04	0°25'58
max. Earth dist.	-10046 Feb 10 j 18:07	9°♐22'23	1.32763 AU
asc. node	-10046 Feb 13 j 12:38	15°♐25'04	
evening rise	-10046 Feb 17 j 22:38	24°♐50'27	
	-10046 Feb 20 j 11:04	0°♑	
	-10046 Mar 10 j 06:19	0°♒	
evening max el	-10046 Mar 18 j 18:26	9°♒50'24	26°13'54

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10046 Apr 01 j 07:28	17°♒09'41	
retrograde	-10046 Apr 01 j 21:40	17°♒10'33	
evening set	-10046 Apr 07 j 19:17	15°♒43'30	
min. Earth dist.	-10046 Apr 12 j 07:46	12°♒53'51	0.59041 AU
inferior conj	-10046 Apr 15 j 15:49	10°♒19'41	-3°06'04
minimum elong	-10046 Apr 15 j 12:28	10°♒26'13	3°05'59
morning rise	-10046 Apr 23 j 08:32	5°♒47'59	
direct	-10046 Apr 25 j 18:19	5°♒27'39	
morning max el	-10046 May 03 j 12:15	9°♒10'35	18°28'54
asc. node	-10046 May 12 j 12:20	21°♒38'08	
	-10046 May 17 j 03:02	0°♓	
morning set	-10046 May 19 j 16:16	4°♓50'39	
superior conj	-10046 May 29 j 00:09	22°♓30'42	1°47'06
minimum elong	-10046 May 28 j 22:29	22°♓23'02	1°46'53
	-10046 Jun 02 j 03:06	0°♈	
max. Earth dist.	-10046 Jun 05 j 05:28	5°♈27'29	1.39963 AU
evening rise	-10046 Jun 09 j 19:13	13°♈14'55	
	-10046 Jun 20 j 06:25	0°♉	
desc. node	-10046 Jun 28 j 04:50	11°♉46'40	
	-10046 Jul 12 j 04:34	0°♊	
evening max el	-10046 Jul 14 j 14:22	2°♊33'34	23°27'25
retrograde	-10046 Jul 25 j 00:15	8°♊43'55	
evening set	-10046 Jul 30 j 02:18	6°♊34'14	
inferior conj	-10046 Aug 04 j 07:51	0°♊18'53	-1°19'22
minimum elong	-10046 Aug 04 j 09:27	0°♊13'21	1°18'18
min. Earth dist.	-10046 Aug 04 j 01:04	0°♊42'12	0.67226 AU
	-10046 Aug 04 j 13:20	30°℞♉	
asc. node	-10046 Aug 08 j 12:58	25°♉06'14	
morning rise	-10046 Aug 09 j 16:31	24°♉05'23	
direct	-10046 Aug 13 j 20:01	22°♉29'09	
morning max el	-10046 Aug 22 j 14:04	27°♉42'46	21°25'21
	-10046 Aug 24 j 16:21	0°♊	
	-10046 Sep 15 j 01:58	0°♋	
morning set	-10046 Sep 22 j 07:06	11°♋10'13	
desc. node	-10046 Sep 24 j 03:01	14°♋03'51	
max. Earth dist.	-10046 Sep 30 j 02:50	23°♋44'05	1.42324 AU
	-10046 Oct 03 j 21:27	0°♌	
superior conj	-10046 Oct 07 j 05:30	5°♌39'29	-1°13'54
minimum elong	-10046 Oct 07 j 00:49	5°♌19'26	1°12'56
evening rise	-10046 Oct 18 j 11:44	25°♌34'58	
	-10046 Oct 20 j 22:24	0°♍	
evening max el	-10046 Nov 04 j 00:55	21°♍46'51	18°07'50
asc. node	-10046 Nov 04 j 11:57	22°♍13'37	
retrograde	-10046 Nov 10 j 20:47	25°♍18'55	
evening set	-10046 Nov 13 j 10:33	24°♍49'00	
inferior conj	-10046 Nov 20 j 06:39	19°♍46'17	3°53'55
minimum elong	-10046 Nov 20 j 03:28	19°♍53'52	3°53'36
min. Earth dist.	-10046 Nov 23 j 04:44	17°♍00'15	0.61516 AU
morning rise	-10046 Nov 26 j 19:14	14°♍05'21	
direct	-10046 Dec 03 j 20:14	11°♍40'37	
morning max el	-10046 Dec 17 j 18:03	19°♍10'46	27°28'41
desc. node	-10046 Dec 21 j 04:07	22°♍45'04	
	-10046 Dec 27 j 01:23	0°♎	
	-10045 Jan 14 j 10:44	0°♏	
morning set	-10045 Jan 19 j 03:15	9°♏18'37	
max. Earth dist.	-10045 Jan 25 j 06:25	22°♏17'55	1.32904 AU
superior conj	-10045 Jan 26 j 08:38	24°♏40'20	-0°47'29
minimum elong	-10045 Jan 26 j 10:26	24°♏50'07	0°47'36
	-10045 Jan 28 j 19:22	0°♐	
asc. node	-10045 Jan 31 j 09:51	5°♐37'31	
evening rise	-10045 Feb 02 j 09:15	9°♐48'58	
	-10045 Feb 12 j 22:06	0°♑	
evening max el	-10045 Feb 28 j 13:49	20°♑59'20	24°56'08
retrograde	-10045 Mar 14 j 13:15	28°♑02'07	

evening set	-10045 Mar 19 j 08:55	27°♑08'50	
desc. node	-10045 Mar 19 j 04:35	27°♑12'41	
min. Earth dist.	-10045 Mar 25 j 03:03	24°♑07'22	0.57229 AU
inferior conj	-10045 Mar 27 j 23:25	22°♑13'18	-2°07'34
minimum elong	-10045 Mar 27 j 19:25	22°♑20'02	2°07'04
morning rise	-10045 Apr 05 j 09:05	17°♑59'30	
direct	-10045 Apr 07 j 15:34	17°♑44'24	
morning max el	-10045 Apr 16 j 15:18	21°♑58'47	19°11'51
	-10045 Apr 23 j 01:45	0°♒	
asc. node	-10045 Apr 29 j 09:15	10°♒52'42	
morning set	-10045 May 03 j 12:17	18°♒51'58	
	-10045 May 09 j 03:09	0°♓	
superior conj	-10045 May 11 j 23:36	5°♓34'09	1°35'48
minimum elong	-10045 May 11 j 20:46	5°♓20'29	1°35'15
max. Earth dist.	-10045 May 18 j 06:09	17°♓22'29	1.38090 AU
evening rise	-10045 May 22 j 05:40	24°♓29'59	
	-10045 May 25 j 10:08	0°♈	
	-10045 Jun 13 j 22:08	0°♉	
desc. node	-10045 Jun 15 j 02:14	1°♉35'55	
evening max el	-10045 Jun 27 j 00:35	15°♉56'05	24°48'07
retrograde	-10045 Jul 08 j 13:01	22°♉42'21	
evening set	-10045 Jul 14 j 06:04	20°♉13'26	
min. Earth dist.	-10045 Jul 18 j 18:56	14°♉58'22	0.66955 AU
inferior conj	-10045 Jul 19 j 13:03	13°♉57'48	-2°03'31
minimum elong	-10045 Jul 19 j 15:21	13°♉50'07	2°02'24
morning rise	-10045 Jul 25 j 00:34	7°♉52'44	
asc. node	-10045 Jul 26 j 09:54	7°♉04'14	
direct	-10045 Jul 28 j 17:19	6°♉33'36	
morning max el	-10045 Aug 05 j 12:20	11°♉07'57	20°13'42
	-10045 Aug 19 j 13:54	0°♊	
morning set	-10045 Sep 01 j 09:12	19°♊34'59	
	-10045 Sep 08 j 00:52	0°♋	
desc. node	-10045 Sep 11 j 00:03	4°♋42'19	
max. Earth dist.	-10045 Sep 12 j 13:51	7°♋13'21	1.43717 AU
superior conj	-10045 Sep 17 j 17:02	15°♋31'46	-0°40'05
minimum elong	-10045 Sep 17 j 13:04	15°♋15'32	0°39'02
	-10045 Sep 26 j 09:26	0°♌	
evening rise	-10045 Sep 30 j 20:44	7°♌38'50	
	-10045 Oct 14 j 10:43	0°♍	
evening max el	-10045 Oct 18 j 14:05	5°♍05'48	18°13'04
asc. node	-10045 Oct 22 j 09:12	7°♍58'48	
retrograde	-10045 Oct 25 j 04:36	8°♍39'22	
evening set	-10045 Oct 27 j 21:34	8°♍01'49	
inferior conj	-10045 Nov 03 j 07:00	2°♍39'23	3°17'55
minimum elong	-10045 Nov 03 j 03:17	2°♍49'17	3°17'20
min. Earth dist.	-10045 Nov 05 j 16:40	0°♍05'32	0.63214 AU
	-10045 Nov 05 j 18:48	30°℞♌	
morning rise	-10045 Nov 09 j 08:15	26°♌44'12	
direct	-10045 Nov 16 j 09:12	24°♌02'13	
	-10045 Nov 28 j 07:55	0°♍	
morning max el	-10045 Nov 30 j 00:57	1°♍35'45	27°33'55
desc. node	-10045 Dec 08 j 00:50	10°♍40'20	
	-10045 Dec 21 j 04:26	0°♎	
morning set	-10044 Jan 03 j 03:52	23°♎42'41	
	-10044 Jan 06 j 05:50	0°♏	
max. Earth dist.	-10044 Jan 08 j 13:47	4°♏53'37	1.33408 AU
superior conj	-10044 Jan 10 j 17:56	9°♏31'58	-1°07'10
minimum elong	-10044 Jan 10 j 20:10	9°♏43'57	1°07'10
evening rise	-10044 Jan 17 j 20:36	24°♏46'04	
asc. node	-10044 Jan 18 j 07:05	25°♏40'54	
	-10044 Jan 20 j 09:27	0°♐	
	-10044 Feb 08 j 10:53	0°♑	
evening max el	-10044 Feb 10 j 06:56	1°♑50'13	23°24'07
retrograde	-10044 Feb 23 j 16:04	8°♑23'03	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10044 Feb 27 j 09:26	7°♉52'40	
desc. node	-10044 Mar 05 j 01:39	4°♉53'20	
min. Earth dist.	-10044 Mar 05 j 19:04	4°♉27'56	0.55927 AU
inferior conj	-10044 Mar 07 j 11:39	3°♉27'34	-0°37'32
minimum elong	-10044 Mar 07 j 10:04	3°♉29'56	0°37'37
	-10044 Mar 14 j 08:12	30°℞♐	
morning rise	-10044 Mar 16 j 13:02	29°♐25'00	
direct	-10044 Mar 18 j 18:58	29°♐12'24	
	-10044 Mar 23 j 00:54	0°♉	
morning max el	-10044 Mar 29 j 08:59	4°♉11'47	20°14'39
	-10044 Apr 14 j 23:58	0°♒	
asc. node	-10044 Apr 15 j 06:10	0°♒30'53	
morning set	-10044 Apr 16 j 15:52	3°♒20'27	
superior conj	-10044 Apr 24 j 12:26	19°♒21'09	1°18'35
minimum elong	-10044 Apr 24 j 09:30	19°♒06'26	1°17'47
max. Earth dist.	-10044 Apr 29 j 11:07	29°♒05'48	1.36379 AU
	-10044 Apr 29 j 22:24	0°♓	
evening rise	-10044 May 03 j 15:08	6°♓56'20	
	-10044 May 17 j 04:53	0°♈	
desc. node	-10044 May 31 j 23:39	20°♈55'01	
evening max el	-10044 Jun 08 j 10:29	29°♈19'35	25°59'47
	-10044 Jun 09 j 03:06	0°♉	
retrograde	-10044 Jun 20 j 21:22	6°♉32'13	
evening set	-10044 Jun 27 j 04:26	3°♉49'13	
	-10044 Jun 30 j 17:31	30°℞♈	
min. Earth dist.	-10044 Jul 01 j 08:29	29°♈13'18	0.66331 AU
inferior conj	-10044 Jul 02 j 15:14	27°♈35'27	-2°41'53
minimum elong	-10044 Jul 02 j 17:51	27°♈27'08	2°40'59
morning rise	-10044 Jul 08 j 07:20	21°♈41'55	
direct	-10044 Jul 11 j 15:16	20°♈37'49	
asc. node	-10044 Jul 12 j 06:48	20°♈40'10	
morning max el	-10044 Jul 18 j 17:10	24°♈40'18	19°15'27
	-10044 Jul 23 j 03:47	0°♉	
morning set	-10044 Aug 10 j 18:39	28°♉22'56	
	-10044 Aug 11 j 19:16	0°♊	
max. Earth dist.	-10044 Aug 25 j 05:25	21°♊10'44	1.44492 AU
superior conj	-10044 Aug 27 j 02:55	24°♊11'09	0°04'37
minimum elong	-10044 Aug 27 j 03:33	24°♊13'40	0°05'06
behind sun begin	-10044 Aug 26 j 16:44	23°♊30'41	
behind sun end	-10044 Aug 27 j 14:23	24°♊56'40	
desc. node	-10044 Aug 27 j 21:06	25°♊23'23	
	-10044 Aug 30 j 18:32	0°♋	
evening rise	-10044 Sep 11 j 07:09	18°♋39'46	
	-10044 Sep 18 j 05:12	0°♌	
evening max el	-10044 Oct 01 j 03:03	18°♌31'31	18°36'29
retrograde	-10044 Oct 07 j 19:49	22°♌15'40	
asc. node	-10044 Oct 08 j 06:23	22°♌14'35	
evening set	-10044 Oct 10 j 18:02	21°♌28'01	
inferior conj	-10044 Oct 16 j 18:24	15°♌48'59	2°32'39
minimum elong	-10044 Oct 16 j 15:08	15°♌58'35	2°32'03
min. Earth dist.	-10044 Oct 18 j 14:45	13°♌38'35	0.64625 AU
morning rise	-10044 Oct 22 j 11:42	9°♌42'23	
direct	-10044 Oct 29 j 04:53	6°♌56'40	
morning max el	-10044 Nov 11 j 10:42	14°♌28'51	27°06'13
desc. node	-10044 Nov 23 j 21:33	29°♌29'58	
	-10044 Nov 24 j 06:09	0°♍	
	-10044 Dec 12 j 18:54	0°♎	
morning set	-10044 Dec 16 j 19:19	7°♎35'16	
max. Earth dist.	-10044 Dec 21 j 12:36	16°♎59'30	1.34308 AU
superior conj	-10044 Dec 24 j 23:10	24°♎07'38	-1°23'43
minimum elong	-10044 Dec 25 j 01:24	24°♎19'23	1°23'40
	-10044 Dec 27 j 17:52	0°♏	
evening rise	-10043 Jan 01 j 07:02	9°♏35'52	
asc. node	-10043 Jan 04 j 04:19	15°♏30'14	
	-10043 Jan 12 j 03:24	0°♐	
evening max el	-10043 Jan 22 j 03:13	12°♐47'52	21°51'34
retrograde	-10043 Feb 03 j 08:59	18°♐37'38	
evening set	-10043 Feb 06 j 07:41	18°♐18'15	
inferior conj	-10043 Feb 15 j 10:49	14°♐14'20	1°10'10
minimum elong	-10043 Feb 15 j 13:50	14°♐10'02	1°08'40
min. Earth dist.	-10043 Feb 15 j 09:44	14°♐15'52	0.55399 AU
desc. node	-10043 Feb 19 j 22:38	11°♐49'53	
morning rise	-10043 Feb 24 j 20:19	10°♐08'53	
direct	-10043 Feb 27 j 10:29	9°♐53'48	
morning max el	-10043 Mar 11 j 15:43	15°♐45'16	21°35'31
	-10043 Mar 22 j 10:53	0°♑	
morning set	-10043 Apr 01 j 00:28	18°♑08'33	
asc. node	-10043 Apr 02 j 03:06	20°♑26'38	
	-10043 Apr 06 j 16:31	0°♒	
superior conj	-10043 Apr 08 j 10:46	3°♒40'29	0°57'44
minimum elong	-10043 Apr 08 j 08:24	3°♒28'09	0°56'50
max. Earth dist.	-10043 Apr 12 j 00:56	11°♒02'06	1.34975 AU
evening rise	-10043 Apr 16 j 18:00	20°♒18'14	
	-10043 Apr 21 j 23:39	0°♓	
	-10043 May 11 j 02:51	0°♈	
desc. node	-10043 May 18 j 21:01	9°♈31'28	
evening max el	-10043 May 21 j 21:08	12°♈39'28	26°53'58
retrograde	-10043 Jun 04 j 00:55	20°♈07'12	
evening set	-10043 Jun 10 j 18:57	17°♈19'07	
min. Earth dist.	-10043 Jun 14 j 15:36	13°♈21'51	0.65320 AU
inferior conj	-10043 Jun 16 j 12:21	11°♈09'24	-3°12'34
minimum elong	-10043 Jun 16 j 14:45	11°♈02'15	3°12'05
morning rise	-10043 Jun 22 j 10:53	5°♈30'10	
direct	-10043 Jun 25 j 11:54	4°♈38'44	
asc. node	-10043 Jun 29 j 03:39	5°♈49'36	
morning max el	-10043 Jul 02 j 03:16	8°♈18'17	18°33'02
	-10043 Jul 17 j 01:42	0°♉	
morning set	-10043 Jul 22 j 02:21	8°♉13'39	
	-10043 Aug 04 j 14:16	0°♊	
superior conj	-10043 Aug 06 j 02:31	2°♊23'55	0°50'28
minimum elong	-10043 Aug 06 j 08:12	2°♊46'27	0°50'18
max. Earth dist.	-10043 Aug 07 j 22:15	5°♊17'11	1.44566 AU
desc. node	-10043 Aug 14 j 18:15	16°♊04'19	
evening rise	-10043 Aug 22 j 14:51	28°♊27'43	
	-10043 Aug 23 j 14:15	0°♋	
	-10043 Sep 12 j 17:58	0°♌	
evening max el	-10043 Sep 14 j 13:11	1°♌59'44	19°16'52
retrograde	-10043 Sep 21 j 15:02	6°♌02'49	
evening set	-10043 Sep 24 j 20:51	5°♌02'00	
asc. node	-10043 Sep 25 j 03:33	4°♌51'08	
	-10043 Sep 29 j 21:54	30°℞♋	
inferior conj	-10043 Sep 30 j 13:51	29°♋09'45	1°42'25
minimum elong	-10043 Sep 30 j 11:32	29°♋17'04	1°42'06
min. Earth dist.	-10043 Oct 01 j 21:41	27°♋29'00	0.65731 AU
morning rise	-10043 Oct 06 j 01:51	22°♋55'09	
direct	-10043 Oct 12 j 06:52	20°♋16'27	
morning max el	-10043 Oct 24 j 20:49	27°♋37'11	26°11'26
	-10043 Oct 27 j 03:35	0°♌	
desc. node	-10043 Nov 10 j 18:13	18°♌57'39	
	-10043 Nov 17 j 22:24	0°♍	
morning set	-10043 Nov 29 j 21:35	20°♍43'13	
max. Earth dist.	-10043 Dec 04 j 00:12	28°♍32'20	1.35644 AU
	-10043 Dec 04 j 18:09	0°♎	
superior conj	-10043 Dec 08 j 21:52	8°♎18'45	-1°35'54
minimum elong	-10043 Dec 08 j 23:32	8°♎27'15	1°35'49
evening rise	-10043 Dec 16 j 14:43	24°♎11'32	
	-10043 Dec 19 j 11:45	0°♏	
asc. node	-10043 Dec 22 j 01:35	4°♏58'48	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10042 Jan 04 j 07:36	24°♏11'24	20°29'26
retrograde	-10042 Jan 15 j 00:10	29°♏12'31	
evening set	-10042 Jan 17 j 14:35	28°♏55'57	
inferior conj	-10042 Jan 26 j 09:08	24°♏56'59	2°47'35
minimum elong	-10042 Jan 26 j 14:49	24°♏48'33	2°45'42
min. Earth dist.	-10042 Jan 27 j 23:44	23°♏59'49	0.55758 AU
morning rise	-10042 Feb 04 j 13:23	20°♏32'53	
desc. node	-10042 Feb 06 j 19:32	20°♏09'00	
direct	-10042 Feb 08 j 02:20	20°♏05'18	
morning max el	-10042 Feb 21 j 12:15	26°♏42'17	23°09'26
	-10042 Feb 24 j 15:36	0°♐	
	-10042 Mar 14 j 23:32	0°♑	
morning set	-10042 Mar 16 j 11:55	3°♑08'13	
asc. node	-10042 Mar 20 j 00:05	10°♑33'52	
superior conj	-10042 Mar 23 j 15:34	18°♑21'34	0°34'52
minimum elong	-10042 Mar 23 j 14:06	18°♑13'42	0°34'02
max. Earth dist.	-10042 Mar 26 j 00:49	23°♑24'08	1.33926 AU
	-10042 Mar 29 j 05:27	0°♒	
evening rise	-10042 Mar 31 j 09:16	4°♒19'50	
	-10042 Apr 14 j 17:36	0°♓	
evening max el	-10042 May 04 j 07:45	25°♓45'42	27°23'13
desc. node	-10042 May 05 j 18:24	27°♓06'57	
	-10042 May 09 j 08:02	0°♈	
retrograde	-10042 May 17 j 22:58	3°♈18'25	
evening set	-10042 May 24 j 22:36	0°♈37'43	
	-10042 May 25 j 17:20	30°♓℞	
min. Earth dist.	-10042 May 28 j 14:36	27°♓14'21	0.63912 AU
inferior conj	-10042 May 31 j 01:51	24°♓34'46	-3°32'58
minimum elong	-10042 May 31 j 03:23	24°♓30'37	3°32'57
morning rise	-10042 Jun 06 j 08:54	19°♓12'14	
direct	-10042 Jun 09 j 04:39	18°♓31'22	
morning max el	-10042 Jun 15 j 16:31	21°♓57'25	18°07'58
asc. node	-10042 Jun 16 j 00:28	22°♓17'39	
	-10042 Jun 21 j 21:38	0°♈	
morning set	-10042 Jul 03 j 11:44	19°♈16'28	
	-10042 Jul 09 j 19:22	0°♉	
superior conj	-10042 Jul 16 j 14:20	11°♉14'17	1°25'49
minimum elong	-10042 Jul 16 j 20:27	11°♉39'14	1°25'39
max. Earth dist.	-10042 Jul 21 j 13:25	19°♉15'11	1.43940 AU
	-10042 Jul 28 j 08:21	0°♊	
evening rise	-10042 Aug 01 j 23:02	7°♊11'29	
desc. node	-10042 Aug 01 j 15:30	6°♊42'13	
	-10042 Aug 16 j 23:08	0°♋	
evening max el	-10042 Aug 28 j 18:15	15°♋27'37	20°12'43
retrograde	-10042 Sep 05 j 11:45	19°♋57'57	
evening set	-10042 Sep 09 j 03:30	18°♋40'39	
asc. node	-10042 Sep 12 j 00:38	15°♋56'12	
inferior conj	-10042 Sep 14 j 14:54	12°♋38'20	0°50'13
minimum elong	-10042 Sep 14 j 13:45	12°♋42'10	0°50'20
min. Earth dist.	-10042 Sep 15 j 11:16	11°♋30'29	0.66533 AU
morning rise	-10042 Sep 19 j 23:45	6°♋19'29	
direct	-10042 Sep 25 j 14:35	3°♋55'10	
morning max el	-10042 Oct 07 j 06:14	10°♋51'00	24°57'59
	-10042 Oct 22 j 14:15	0°♌	
desc. node	-10042 Oct 28 j 14:57	8°♌52'39	
	-10042 Nov 10 j 14:19	0°♍	
morning set	-10042 Nov 12 j 05:39	2°♍52'34	
max. Earth dist.	-10042 Nov 16 j 01:51	9°♍48'50	1.37383 AU
superior conj	-10042 Nov 22 j 11:00	21°♍56'30	-1°42'02
minimum elong	-10042 Nov 22 j 11:24	21°♍58'29	1°41'52
	-10042 Nov 26 j 12:34	0°♎	
evening rise	-10042 Nov 30 j 17:45	8°♎27'46	
asc. node	-10042 Dec 08 j 22:52	23°♎59'11	
	-10042 Dec 12 j 18:36	0°♏	

evening max el	-10042 Dec 17 j 22:10	6°♏08'56	19°24'10
retrograde	-10042 Dec 27 j 01:23	10°♏28'18	
evening set	-10042 Dec 29 j 13:50	10°♏10'06	
inferior conj	-10041 Jan 06 j 19:13	6°♏00'32	3°50'55
minimum elong	-10041 Jan 06 j 23:22	5°♏53'39	3°50'01
min. Earth dist.	-10041 Jan 09 j 13:37	4°♏11'01	0.56908 AU
morning rise	-10041 Jan 15 j 06:40	1°♏11'31	
direct	-10041 Jan 20 j 03:52	0°♏16'56	
desc. node	-10041 Jan 24 j 16:22	1°♏04'18	
morning max el	-10041 Feb 03 j 03:09	7°♏21'50	24°46'05
	-10041 Feb 19 j 15:11	0°♐	
morning set	-10041 Mar 01 j 00:25	18°♐13'02	
asc. node	-10041 Mar 06 j 21:08	0°♑48'10	
	-10041 Mar 06 j 12:15	0°♑	
superior conj	-10041 Mar 08 j 00:33	3°♑16'47	0°11'11
minimum elong	-10041 Mar 08 j 00:06	3°♑14'18	0°10'31
behind sun begin	-10041 Mar 07 j 20:17	2°♑53'39	
behind sun end	-10041 Mar 08 j 03:54	3°♑34'57	
max. Earth dist.	-10041 Mar 09 j 08:49	6°♑10'57	1.33221 AU
evening rise	-10041 Mar 15 j 09:13	18°♑49'02	
	-10041 Mar 21 j 02:50	0°♒	
	-10041 Apr 09 j 04:10	0°♓	
evening max el	-10041 Apr 16 j 16:13	8°♓26'34	27°21'48
desc. node	-10041 Apr 22 j 15:43	13°♓16'31	
retrograde	-10041 Apr 30 j 14:28	15°♓57'18	
evening set	-10041 May 07 j 11:56	13°♓37'31	
min. Earth dist.	-10041 May 11 j 04:23	10°♓38'29	0.62160 AU
inferior conj	-10041 May 14 j 04:43	7°♓45'16	-3°39'11
minimum elong	-10041 May 14 j 04:37	7°♓45'28	3°39'28
morning rise	-10041 May 20 j 22:43	2°♓41'33	
direct	-10041 May 23 j 14:25	2°♓09'32	
morning max el	-10041 May 30 j 06:27	5°♓32'16	18°01'08
asc. node	-10041 Jun 02 j 21:17	9°♓48'27	
	-10041 Jun 15 j 00:50	0°♈	
morning set	-10041 Jun 15 j 19:28	1°♈23'26	
superior conj	-10041 Jun 27 j 03:42	21°♈19'50	1°45'11
minimum elong	-10041 Jun 27 j 06:39	21°♈32'24	1°45'13
	-10041 Jul 02 j 07:35	0°♉	
max. Earth dist.	-10041 Jul 04 j 00:33	2°♉48'30	1.42707 AU
evening rise	-10041 Jul 12 j 00:10	15°♉36'04	
desc. node	-10041 Jul 19 j 12:50	27°♉13'02	
	-10041 Jul 21 j 09:03	0°♊	
evening max el	-10041 Aug 11 j 16:44	28°♊52'14	21°21'45
	-10041 Aug 12 j 20:27	0°♋	
retrograde	-10041 Aug 20 j 07:57	3°♋57'51	
evening set	-10041 Aug 24 j 11:51	2°♋21'06	
	-10041 Aug 26 j 21:09	30°♋℞	
inferior conj	-10041 Aug 29 j 19:27	26°♊11'35	-0°01'49
minimum elong	-10041 Aug 29 j 19:28	26°♊11'30	0°01'14
transit middle	-10041 Aug 29 j 19:28	26°♊11'30	0°01'14
transit begin	-10041 Aug 29 j 16:46	26°♊20'46	
transit end	-10041 Aug 29 j 22:11	26°♊02'14	
asc. node	-10041 Aug 29 j 21:42	26°♊03'52	
min. Earth dist.	-10041 Aug 30 j 05:08	25°♊38'23	0.67038 AU
morning rise	-10041 Sep 04 j 02:57	19°♊52'11	
direct	-10041 Sep 09 j 03:12	17°♊46'11	
morning max el	-10041 Sep 19 j 16:07	24°♊05'36	23°35'01
	-10041 Sep 24 j 21:49	0°♋	
desc. node	-10041 Oct 15 j 11:46	29°♋06'34	
	-10041 Oct 16 j 01:28	0°♌	
morning set	-10041 Oct 24 j 13:57	13°♌48'49	
max. Earth dist.	-10041 Oct 28 j 23:51	21°♌22'33	1.39364 AU
	-10041 Nov 02 j 19:46	0°♍	
superior conj	-10041 Nov 05 j 10:25	4°♍48'53	-1°39'58

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-10041 Nov 05 j 08:51	4°♍41'34	1°39'36
evening rise	-10041 Nov 14 j 13:40	22°♍17'57	
	-10041 Nov 18 j 14:23	0°♎	
asc. node	-10041 Nov 25 j 20:11	12°♎21'50	
evening max el	-10041 Nov 30 j 22:12	18°♎37'56	18°38'36
retrograde	-10041 Dec 08 j 20:10	22°♎29'10	
evening set	-10041 Dec 11 j 08:19	22°♎07'24	
inferior conj	-10041 Dec 18 j 23:56	17°♎38'21	4°15'05
minimum elong	-10041 Dec 19 j 00:32	17°♎37'13	4°14'58
min. Earth dist.	-10041 Dec 22 j 05:28	15°♎10'55	0.58576 AU
morning rise	-10041 Dec 26 j 14:52	12°♎26'08	
direct	-10040 Jan 01 j 17:00	10°♎54'23	
desc. node	-10040 Jan 11 j 13:08	14°♎37'48	
morning max el	-10040 Jan 15 j 19:18	18°♎13'03	26°10'57
	-10040 Jan 25 j 16:22	0°♏	
	-10040 Feb 11 j 22:15	0°♐	
morning set	-10040 Feb 13 j 12:13	3°♐16'34	
superior conj	-10040 Feb 20 j 11:49	18°♐19'24	-0°12'26
minimum elong	-10040 Feb 20 j 12:22	18°♐22'22	0°12'53
behind sun begin	-10040 Feb 20 j 09:28	18°♐06'33	
behind sun end	-10040 Feb 20 j 15:15	18°♐38'12	
max. Earth dist.	-10040 Feb 20 j 21:33	19°♐12'29	1.32836 AU
asc. node	-10040 Feb 21 j 18:15	21°♐05'21	
	-10040 Feb 25 j 21:42	0°♑	
evening rise	-10040 Feb 27 j 15:01	3°♑36'04	
	-10040 Mar 12 j 23:35	0°♒	
evening max el	-10040 Mar 28 j 20:07	20°♒32'06	26°47'35
desc. node	-10040 Apr 08 j 12:58	27°♒28'00	
retrograde	-10040 Apr 11 j 22:08	27°♒57'05	
evening set	-10040 Apr 18 j 07:39	26°♒09'04	
min. Earth dist.	-10040 Apr 22 j 09:15	23°♒20'41	0.60190 AU
inferior conj	-10040 Apr 25 j 17:27	20°♒33'08	-3°25'38
minimum elong	-10040 Apr 25 j 15:13	20°♒37'49	3°25'48
morning rise	-10040 May 03 j 01:07	15°♒49'49	
direct	-10040 May 05 j 13:13	15°♒25'27	
morning max el	-10040 May 12 j 18:31	18°♒56'42	18°13'13
asc. node	-10040 May 19 j 18:08	28°♒08'30	
	-10040 May 20 j 21:19	0°♓	
morning set	-10040 May 28 j 20:43	14°♓23'35	
	-10040 Jun 06 j 06:55	0°♈	
superior conj	-10040 Jun 07 j 19:40	2°♈45'44	1°49'46
minimum elong	-10040 Jun 07 j 19:19	2°♈44'08	1°49'43
max. Earth dist.	-10040 Jun 15 j 06:14	15°♈44'21	1.41037 AU
evening rise	-10040 Jun 20 j 16:26	24°♈44'47	
	-10040 Jun 23 j 22:50	0°♉	
desc. node	-10040 Jul 05 j 10:13	17°♉32'36	
	-10040 Jul 14 j 05:54	0°♊	
evening max el	-10040 Jul 24 j 08:37	12°♊13'43	22°40'08
retrograde	-10040 Aug 03 j 02:12	18°♊00'09	
evening set	-10040 Aug 07 j 19:56	16°♊02'16	
inferior conj	-10040 Aug 13 j 01:38	9°♊48'12	-0°51'58
minimum elong	-10040 Aug 13 j 02:44	9°♊44'26	0°51'01
min. Earth dist.	-10040 Aug 13 j 00:52	9°♊50'50	0.67249 AU
asc. node	-10040 Aug 15 j 18:43	6°♊12'37	
morning rise	-10040 Aug 18 j 09:27	3°♊31'44	
direct	-10040 Aug 22 j 20:01	1°♊45'03	
morning max el	-10040 Sep 01 j 05:12	7°♊22'36	22°11'07
	-10040 Sep 18 j 12:10	0°♋	
desc. node	-10040 Oct 01 j 08:40	19°♋33'37	
morning set	-10040 Oct 03 j 19:17	23°♋26'56	
	-10040 Oct 07 j 20:01	0°♌	
max. Earth dist.	-10040 Oct 10 j 00:59	3°♌39'50	1.41322 AU
superior conj	-10040 Oct 17 j 14:48	16°♌41'45	-1°27'07
minimum elong	-10040 Oct 17 j 11:00	16°♌24'57	1°26'23
	-10040 Oct 24 j 23:07	0°♍	
evening rise	-10040 Oct 27 j 23:26	5°♍35'03	
asc. node	-10040 Nov 11 j 17:29	29°♍55'11	
	-10040 Nov 11 j 19:09	0°♎	
evening max el	-10040 Nov 13 j 05:34	1°♎32'17	18°13'19
retrograde	-10040 Nov 20 j 08:25	5°♎08'25	
evening set	-10040 Nov 22 j 21:05	4°♎42'00	
inferior conj	-10040 Nov 29 j 23:55	29°♍51'12	4°08'02
minimum elong	-10040 Nov 29 j 21:39	29°♍56'11	4°07'53
	-10040 Nov 29 j 19:56	30°℞♍	
min. Earth dist.	-10040 Dec 03 j 03:05	27°♍06'00	0.60448 AU
morning rise	-10040 Dec 06 j 20:49	24°♍19'28	
direct	-10040 Dec 13 j 16:49	22°♍11'25	
morning max el	-10040 Dec 27 j 17:22	29°♍38'26	27°09'59
desc. node	-10040 Dec 28 j 09:53	0°♎18'53	
	-10040 Dec 28 j 02:14	0°♎	
	-10039 Jan 18 j 11:08	0°♏	
morning set	-10039 Jan 27 j 21:24	18°♏11'14	
	-10039 Feb 02 j 10:26	0°♐	
superior conj	-10039 Feb 03 j 23:38	3°♐22'44	-0°35'08
minimum elong	-10039 Feb 04 j 01:02	3°♐30'25	0°35'22
max. Earth dist.	-10039 Feb 03 j 11:06	2°♐14'20	1.32777 AU
asc. node	-10039 Feb 07 j 15:25	11°♐20'44	
evening rise	-10039 Feb 11 j 00:23	18°♐32'12	
	-10039 Feb 16 j 17:39	0°♑	
	-10039 Mar 08 j 18:57	0°♒	
evening max el	-10039 Mar 10 j 18:03	1°♒58'28	25°43'23
retrograde	-10039 Mar 24 j 20:23	9°♒12'55	
desc. node	-10039 Mar 26 j 10:08	9°♒06'53	
evening set	-10039 Mar 30 j 07:51	8°♒00'44	
min. Earth dist.	-10039 Apr 04 j 07:06	5°♒07'50	0.58226 AU
inferior conj	-10039 Apr 07 j 12:21	2°♒48'13	-2°45'16
minimum elong	-10039 Apr 07 j 08:26	2°♒55'22	2°44'59
	-10039 Apr 11 j 17:21	30°℞♑	
morning rise	-10039 Apr 15 j 12:12	28°♑25'00	
direct	-10039 Apr 17 j 20:33	28°♑07'08	
	-10039 Apr 23 j 13:35	0°♒	
morning max el	-10039 Apr 26 j 01:46	2°♒01'10	18°44'49
asc. node	-10039 May 06 j 15:01	17°♒05'39	
morning set	-10039 May 12 j 10:56	28°♒05'07	
	-10039 May 13 j 10:35	0°♓	
superior conj	-10039 May 21 j 09:15	15°♓18'14	1°43'13
minimum elong	-10039 May 21 j 06:57	15°♓07'20	1°42'52
max. Earth dist.	-10039 May 28 j 07:03	27°♓56'32	1.39158 AU
	-10039 May 29 j 11:03	0°♈	
evening rise	-10039 Jun 01 j 11:18	5°♈12'25	
	-10039 Jun 17 j 01:24	0°♉	
desc. node	-10039 Jun 22 j 07:38	7°♉35'05	
evening max el	-10039 Jul 06 j 19:49	25°♉34'19	24°02'09
	-10039 Jul 12 j 01:31	0°♊	
retrograde	-10039 Jul 17 j 17:21	2°♊01'21	
	-10039 Jul 22 j 17:47	30°℞♉	
evening set	-10039 Jul 23 j 01:51	29°♉42'50	
inferior conj	-10039 Jul 28 j 07:43	23°♉26'51	-1°38'43
minimum elong	-10039 Jul 28 j 09:39	23°♉20'14	1°37'36
min. Earth dist.	-10039 Jul 27 j 20:10	24°♉06'14	0.67154 AU
morning rise	-10039 Aug 02 j 17:25	17°♉16'38	
asc. node	-10039 Aug 02 j 15:41	17°♉19'56	
direct	-10039 Aug 06 j 15:59	15°♉48'10	
morning max el	-10039 Aug 14 j 23:47	20°♉44'34	20°53'25
	-10039 Aug 22 j 13:13	0°♊	
	-10039 Sep 11 j 18:31	0°♋	
morning set	-10039 Sep 13 j 02:48	2°♋05'35	
desc. node	-10039 Sep 18 j 05:38	10°♋09'17	
max. Earth dist.	-10039 Sep 22 j 08:00	16°♋44'16	1.42979 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10039 Sep 28	j 18:23	27°♋20'44	-1°01'11
minimum elong	-10039 Sep 28	j 13:33	27°♋00'29	1°00'07
	-10039 Sep 30	j 08:11	0°♌	
evening rise	-10039 Oct 10	j 18:57	18°♌09'33	
	-10039 Oct 17	j 12:47	0°♍	
evening max el	-10039 Oct 27	j 17:28	14°♍44'50	18°07'47
asc. node	-10039 Oct 29	j 14:45	16°♍25'01	
retrograde	-10039 Nov 03	j 10:19	18°♍16'46	
evening set	-10039 Nov 06	j 01:03	17°♍44'02	
inferior conj	-10039 Nov 12	j 16:26	12°♍32'40	3°40'10
minimum elong	-10039 Nov 12	j 12:53	12°♍41'36	3°39'42
min. Earth dist.	-10039 Nov 15	j 09:36	9°♍49'46	0.62261 AU
morning rise	-10039 Nov 18	j 23:41	6°♍45'02	
direct	-10039 Nov 26	j 01:40	4°♍11'05	
morning max el	-10039 Dec 09	j 21:39	11°♍44'02	27°35'15
desc. node	-10039 Dec 15	j 06:35	17°♍33'53	
	-10039 Dec 24	j 11:52	0°♎	
	-10038 Jan 10	j 16:11	0°♏	
morning set	-10038 Jan 12	j 01:52	2°♏49'38	
max. Earth dist.	-10038 Jan 17	j 21:42	15°♏03'08	1.33065 AU
superior conj	-10038 Jan 19	j 10:22	18°♏21'03	-0°56'09
minimum elong	-10038 Jan 19	j 12:24	18°♏32'02	0°56'13
	-10038 Jan 24	j 19:41	0°♐	
asc. node	-10038 Jan 25	j 12:36	1°♐30'10	
evening rise	-10038 Jan 26	j 11:30	3°♐31'05	
	-10038 Feb 09	j 23:26	0°♑	
evening max el	-10038 Feb 20	j 11:44	12°♑56'41	24°17'57
retrograde	-10038 Mar 06	j 07:02	19°♑49'23	
evening set	-10038 Mar 10	j 14:51	19°♑07'26	
desc. node	-10038 Mar 13	j 07:13	18°♑02'48	
min. Earth dist.	-10038 Mar 17	j 00:52	15°♑57'18	0.56589 AU
inferior conj	-10038 Mar 19	j 11:23	14°♑24'42	-1°32'50
minimum elong	-10038 Mar 19	j 07:59	14°♑30'06	1°32'26
morning rise	-10038 Mar 28	j 04:13	10°♑17'04	
direct	-10038 Mar 30	j 09:36	10°♑03'37	
morning max el	-10038 Apr 09	j 01:12	14°♑35'54	19°36'12
	-10038 Apr 20	j 00:16	0°♒	
asc. node	-10038 Apr 23	j 11:54	6°♒30'56	
morning set	-10038 Apr 26	j 10:28	12°♒18'40	
superior conj	-10038 May 04	j 14:56	28°♒41'50	1°29'04
minimum elong	-10038 May 04	j 11:58	28°♒27'11	1°28'25
	-10038 May 05	j 06:52	0°♓	
max. Earth dist.	-10038 May 10	j 08:12	9°♓40'43	1.37329 AU
evening rise	-10038 May 14	j 08:14	16°♓59'49	
	-10038 May 21	j 21:49	0°♈	
desc. node	-10038 Jun 09	j 05:02	27°♈13'00	
	-10038 Jun 11	j 08:57	0°♉	
evening max el	-10038 Jun 19	j 05:33	8°♉57'20	25°20'11
retrograde	-10038 Jul 01	j 04:31	15°♉56'57	
evening set	-10038 Jul 07	j 03:37	13°♉21'16	
min. Earth dist.	-10038 Jul 11	j 12:34	8°♉22'29	0.66731 AU
inferior conj	-10038 Jul 12	j 11:53	7°♉05'53	-2°20'37
minimum elong	-10038 Jul 12	j 14:22	6°♉57'42	2°19'34
morning rise	-10038 Jul 18	j 01:08	1°♉05'10	
	-10038 Jul 20	j 10:54	30°℞♈	
asc. node	-10038 Jul 20	j 12:35	29°♈59'08	
direct	-10038 Jul 21	j 13:48	29°♈52'49	
	-10038 Jul 22	j 17:11	0°♉	
morning max el	-10038 Jul 29	j 00:55	4°♉13'03	19°47'01
	-10038 Aug 16	j 10:16	0°♊	
morning set	-10038 Aug 23	j 05:29	10°♊33'18	
	-10038 Sep 04	j 14:14	0°♋	
max. Earth dist.	-10038 Sep 04	j 20:43	0°♋25'48	1.44126 AU
desc. node	-10038 Sep 05	j 02:40	0°♋49'27	

superior conj	-10038 Sep 08	j 18:09	6°♋39'38	-0°22'03
minimum elong	-10038 Sep 08	j 15:43	6°♋29'50	0°21'09
evening rise	-10038 Sep 22	j 19:00	29°♋48'14	
	-10038 Sep 22	j 21:48	0°♌	
evening max el	-10038 Oct 11	j 06:56	28°♌07'41	18°20'56
	-10038 Oct 13	j 09:28	0°♍	
asc. node	-10038 Oct 16	j 12:00	1°♍34'09	
retrograde	-10038 Oct 17	j 21:34	1°♍44'36	
evening set	-10038 Oct 20	j 16:28	1°♍03'12	
	-10038 Oct 22	j 09:06	30°℞♌	
inferior conj	-10038 Oct 26	j 21:52	25°♌33'40	2°59'33
minimum elong	-10038 Oct 26	j 18:16	25°♌43'44	2°58'55
min. Earth dist.	-10038 Oct 29	j 02:00	23°♌08'25	0.63853 AU
morning rise	-10038 Nov 01	j 19:23	19°♌33'15	
direct	-10038 Nov 08	j 17:54	16°♌47'46	
morning max el	-10038 Nov 22	j 05:56	24°♌22'06	27°25'47
	-10038 Nov 27	j 10:30	0°♍	
desc. node	-10038 Dec 02	j 03:16	5°♍54'41	
	-10038 Dec 17	j 19:07	0°♎	
morning set	-10038 Dec 26	j 22:57	17°♎01'32	
max. Earth dist.	-10037 Jan 01	j 01:33	27°♎25'45	1.33736 AU
	-10037 Jan 02	j 06:55	0°♏	
superior conj	-10037 Jan 03	j 18:10	3°♏06'50	-1°14'39
minimum elong	-10037 Jan 03	j 20:28	3°♏19'03	1°14'37
evening rise	-10037 Jan 10	j 22:37	18°♏25'32	
asc. node	-10037 Jan 12	j 09:50	21°♏28'14	
	-10037 Jan 16	j 17:15	0°♐	
evening max el	-10037 Feb 02	j 05:36	23°♐47'48	22°44'09
	-10037 Feb 14	j 00:04	0°♑	
retrograde	-10037 Feb 15	j 04:55	0°♑03'15	
	-10037 Feb 16	j 09:57	30°℞♐	
evening set	-10037 Feb 18	j 12:47	29°♐39'05	
min. Earth dist.	-10037 Feb 26	j 16:26	26°♐00'17	0.55596 AU
inferior conj	-10037 Feb 27	j 16:51	25°♐24'59	0°07'26
minimum elong	-10037 Feb 27	j 17:09	25°♐24'33	0°06'46
transit middle	-10037 Feb 27	j 17:09	25°♐24'33	0°06'46
transit begin	-10037 Feb 27	j 13:28	25°♐29'53	
transit end	-10037 Feb 27	j 20:50	25°♐19'13	
desc. node	-10037 Feb 28	j 04:13	25°♐08'34	
morning rise	-10037 Mar 08	j 22:57	21°♐22'45	
direct	-10037 Mar 11	j 06:52	21°♐09'53	
morning max el	-10037 Mar 22	j 14:14	26°♐31'56	20°46'59
	-10037 Mar 25	j 19:52	0°♑	
asc. node	-10037 Apr 10	j 08:48	26°♑17'06	
morning set	-10037 Apr 10	j 16:26	26°♑56'04	
	-10037 Apr 12	j 04:15	0°♒	
superior conj	-10037 Apr 18	j 08:10	12°♒43'29	1°10'04
minimum elong	-10037 Apr 18	j 05:25	12°♒29'26	1°09'13
max. Earth dist.	-10037 Apr 22	j 16:29	21°♒26'42	1.35741 AU
evening rise	-10037 Apr 27	j 01:46	29°♒51'55	
	-10037 Apr 27	j 03:30	0°♓	
	-10037 May 15	j 01:05	0°♈	
desc. node	-10037 May 27	j 02:25	16°♈16'01	
evening max el	-10037 Jun 01	j 15:58	22°♈21'16	26°25'35
retrograde	-10037 Jun 14	j 10:52	29°♈41'28	
evening set	-10037 Jun 20	j 22:58	26°♈55'19	
min. Earth dist.	-10037 Jun 24	j 23:46	22°♈35'49	0.65945 AU
inferior conj	-10037 Jun 26	j 12:13	20°♈43'01	-2°55'59
minimum elong	-10037 Jun 26	j 14:49	20°♈34'58	2°55'15
morning rise	-10037 Jul 02	j 06:47	14°♈54'56	
direct	-10037 Jul 05	j 11:34	13°♈56'23	
asc. node	-10037 Jul 07	j 09:26	14°♈16'30	
morning max el	-10037 Jul 12	j 08:08	17°♈48'07	18°55'21
	-10037 Jul 21	j 11:39	0°♉	
morning set	-10037 Aug 02	j 23:25	19°♉45'56	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10037 Aug 09 j 09:31	0°♊	
superior conj	-10037 Aug 18 j 21:10	15°♊01'10	0°24'38
minimum elong	-10037 Aug 19 j 00:16	15°♊13'26	0°24'48
max. Earth dist.	-10037 Aug 18 j 13:17	14°♊30'01	1.44615 AU
desc. node	-10037 Aug 22 j 23:47	21°♊31'25	
	-10037 Aug 28 j 07:46	0°♋	
evening rise	-10037 Sep 03 j 18:22	10°♋19'21	
	-10037 Sep 16 j 02:48	0°♌	
evening max el	-10037 Sep 24 j 19:07	11°♌35'52	18°51'39
retrograde	-10037 Oct 01 j 14:45	15°♌26'33	
asc. node	-10037 Oct 03 j 09:10	15°♌08'45	
evening set	-10037 Oct 04 j 16:00	14°♌33'36	
inferior conj	-10037 Oct 10 j 13:02	8°♌48'41	2°11'44
minimum elong	-10037 Oct 10 j 10:08	8°♌57'30	2°11'13
min. Earth dist.	-10037 Oct 12 j 03:56	6°♌50'28	0.65145 AU
morning rise	-10037 Oct 16 j 03:50	2°♌38'32	
	-10037 Oct 21 j 11:07	30°℞♋	
direct	-10037 Oct 22 j 16:24	29°♋54'36	
	-10037 Oct 23 j 22:24	0°♌	
morning max el	-10037 Nov 04 j 15:52	7°♌22'34	26°45'38
desc. node	-10037 Nov 18 j 23:58	25°♌02'19	
	-10037 Nov 22 j 09:18	0°♍	
morning set	-10037 Dec 10 j 09:18	0°♎36'22	
	-10037 Dec 10 j 01:39	0°♎	
max. Earth dist.	-10037 Dec 14 j 19:37	9°♎16'16	1.34831 AU
superior conj	-10037 Dec 18 j 20:57	17°♎33'08	-1°29'31
minimum elong	-10037 Dec 18 j 23:01	17°♎43'54	1°29'27
	-10037 Dec 24 j 19:34	0°♏	
evening rise	-10037 Dec 26 j 08:06	3°♏10'02	
asc. node	-10037 Dec 30 j 07:06	11°♏09'36	
	-10036 Jan 10 j 18:21	0°♐	
evening max el	-10036 Jan 15 j 04:56	4°♐54'40	21°14'48
retrograde	-10036 Jan 26 j 19:07	10°♐22'58	
evening set	-10036 Jan 29 j 13:25	10°♐05'25	
inferior conj	-10036 Feb 07 j 13:50	6°♐06'00	1°54'34
minimum elong	-10036 Feb 07 j 18:28	5°♐59'22	1°52'40
min. Earth dist.	-10036 Feb 08 j 06:31	5°♐42'10	0.55451 AU
desc. node	-10036 Feb 15 j 01:09	2°♐25'45	
morning rise	-10036 Feb 16 j 22:52	1°♐54'22	
direct	-10036 Feb 19 j 21:18	1°♐35'22	
morning max el	-10036 Mar 03 j 16:05	7°♐47'27	22°14'23
	-10036 Mar 19 j 03:28	0°♑	
morning set	-10036 Mar 25 j 02:28	11°♑49'49	
asc. node	-10036 Mar 27 j 05:44	16°♑18'12	
superior conj	-10036 Apr 01 j 09:31	27°♑12'35	0°48'12
minimum elong	-10036 Apr 01 j 07:30	27°♑01'58	0°47'18
	-10036 Apr 02 j 17:30	0°♒	
max. Earth dist.	-10036 Apr 04 j 10:56	3°♒34'25	1.34486 AU
evening rise	-10036 Apr 09 j 10:23	13°♒32'03	
	-10036 Apr 18 j 10:08	0°♓	
	-10036 May 08 j 22:21	0°♈	
desc. node	-10036 May 12 j 23:48	4°♈29'08	
evening max el	-10036 May 14 j 02:57	5°♈37'05	27°09'57
retrograde	-10036 May 27 j 11:55	13°♈07'08	
evening set	-10036 Jun 03 j 09:13	10°♈20'43	
min. Earth dist.	-10036 Jun 07 j 03:32	6°♈38'46	0.64768 AU
inferior conj	-10036 Jun 09 j 06:24	4°♈13'49	-3°22'42
minimum elong	-10036 Jun 09 j 08:32	4°♈07'44	3°22'25
	-10036 Jun 13 j 09:46	30°℞♓	
morning rise	-10036 Jun 15 j 08:16	28°♓41'23	
direct	-10036 Jun 18 j 07:00	27°♓54'30	
asc. node	-10036 Jun 23 j 06:15	0°♈01'08	
	-10036 Jun 23 j 05:41	0°♈	
morning max el	-10036 Jun 24 j 19:48	1°♈26'47	18°20'16
morning set	-10036 Jul 13 j 18:11	0°♉07'55	
	-10036 Jul 13 j 16:17	0°♉	
superior conj	-10036 Jul 27 j 23:19	23°♉22'12	1°07'16
minimum elong	-10036 Jul 28 j 05:51	23°♉48'19	1°07'01
max. Earth dist.	-10036 Jul 31 j 06:21	28°♉37'12	1.44386 AU
	-10036 Aug 01 j 03:13	0°♊	
desc. node	-10036 Aug 08 j 21:00	12°♊11'38	
evening rise	-10036 Aug 13 j 15:01	19°♊37'29	
	-10036 Aug 20 j 07:05	0°♋	
greatest brilliancy	-10036 Aug 24 j 22:27	7°♋07'43	-0.7m
evening max el	-10036 Sep 07 j 03:23	25°♋04'32	19°38'47
retrograde	-10036 Sep 14 j 10:56	29°♋17'56	
evening set	-10036 Sep 17 j 20:47	28°♋10'18	
asc. node	-10036 Sep 19 j 06:19	27°♋04'26	
inferior conj	-10036 Sep 23 j 11:10	22°♋13'12	1°20'22
minimum elong	-10036 Sep 23 j 09:20	22°♋19'08	1°20'13
min. Earth dist.	-10036 Sep 24 j 13:54	20°♋46'31	0.66114 AU
morning rise	-10036 Sep 28 j 21:37	15°♋56'31	
direct	-10036 Oct 04 j 20:42	13°♋23'34	
morning max el	-10036 Oct 17 j 01:47	20°♋34'37	25°41'58
	-10036 Oct 25 j 06:29	0°♌	
desc. node	-10036 Nov 04 j 20:43	14°♌43'07	
	-10036 Nov 14 j 12:45	0°♍	
morning set	-10036 Nov 22 j 04:32	13°♍21'28	
max. Earth dist.	-10036 Nov 26 j 03:00	20°♍41'14	1.36348 AU
	-10036 Nov 30 j 21:42	0°♎	
superior conj	-10036 Dec 01 j 16:03	1°♎31'40	-1°39'21
minimum elong	-10036 Dec 01 j 17:16	1°♎37'49	1°39'15
evening rise	-10036 Dec 09 j 14:07	17°♎38'52	
	-10036 Dec 15 j 22:18	0°♏	
asc. node	-10036 Dec 16 j 04:24	0°♏27'43	
evening max el	-10036 Dec 27 j 13:30	16°♏32'28	19°59'16
retrograde	-10035 Jan 06 j 13:34	21°♏14'51	
evening set	-10035 Jan 09 j 02:48	20°♏57'51	
inferior conj	-10035 Jan 17 j 15:56	16°♏55'30	3°19'25
minimum elong	-10035 Jan 17 j 21:25	16°♏47'00	3°17'52
min. Earth dist.	-10035 Jan 19 j 20:04	15°♏35'08	0.56163 AU
morning rise	-10035 Jan 26 j 14:06	12°♏21'14	
direct	-10035 Jan 30 j 16:10	11°♏44'14	
desc. node	-10035 Jan 31 j 22:02	11°♏47'45	
morning max el	-10035 Feb 13 j 09:34	18°♏34'41	23°51'08
	-10035 Feb 22 j 18:38	0°♐	
morning set	-10035 Mar 09 j 14:38	26°♐53'22	
	-10035 Mar 11 j 02:01	0°♑	
asc. node	-10035 Mar 14 j 02:46	6°♑29'38	
superior conj	-10035 Mar 16 j 16:24	12°♑01'15	0°24'52
minimum elong	-10035 Mar 16 j 15:21	11°♑55'36	0°24'05
max. Earth dist.	-10035 Mar 18 j 14:49	16°♑09'08	1.33582 AU
evening rise	-10035 Mar 24 j 05:46	27°♑47'07	
	-10035 Mar 25 j 08:30	0°♒	
	-10035 Apr 11 j 16:18	0°♓	
evening max el	-10035 Apr 26 j 12:49	18°♓33'45	27°26'30
desc. node	-10035 Apr 29 j 21:07	21°♓31'52	
retrograde	-10035 May 10 j 07:11	26°♓06'13	
evening set	-10035 May 17 j 07:13	23°♓32'27	
min. Earth dist.	-10035 May 20 j 22:28	20°♓21'17	0.63208 AU
inferior conj	-10035 May 23 j 15:46	17°♓33'43	-3°37'39
minimum elong	-10035 May 23 j 16:43	17°♓31'18	3°37'48
morning rise	-10035 May 30 j 03:12	12°♓19'15	
direct	-10035 Jun 01 j 21:11	11°♓42'18	
morning max el	-10035 Jun 08 j 09:43	15°♓05'17	18°02'50
asc. node	-10035 Jun 10 j 03:04	16°♓57'53	
	-10035 Jun 18 j 20:06	0°♈	
morning set	-10035 Jun 25 j 13:34	11°♈39'01	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10035 Jul 06 j 06:16	0°♉	
superior conj	-10035 Jul 07 j 21:11	2°♉42'09	1°36'02
minimum elong	-10035 Jul 08 j 02:10	3°♉02'50	1°35'58
max. Earth dist.	-10035 Jul 13 j 20:14	12°♉27'15	1.43481 AU
evening rise	-10035 Jul 23 j 17:25	28°♉05'09	
	-10035 Jul 24 j 23:02	0°♊	
desc. node	-10035 Jul 26 j 18:17	2°♊46'53	
	-10035 Aug 14 j 05:25	0°♋	
evening max el	-10035 Aug 21 j 05:39	8°♋30'41	20°40'37
retrograde	-10035 Aug 29 j 07:47	13°♋15'32	
evening set	-10035 Sep 02 j 04:26	11°♋50'11	
asc. node	-10035 Sep 06 j 03:24	7°♋39'19	
inferior conj	-10035 Sep 07 j 13:58	5°♋44'10	0°28'00
minimum elong	-10035 Sep 07 j 13:19	5°♋46'21	0°28'20
min. Earth dist.	-10035 Sep 08 j 05:39	4°♋51'06	0.66779 AU
	-10035 Sep 12 j 06:32	30°℞♊	
morning rise	-10035 Sep 12 j 22:01	29°♊24'31	
direct	-10035 Sep 18 j 06:27	27°♊07'57	
	-10035 Sep 25 j 04:02	0°♋	
morning max el	-10035 Sep 29 j 11:24	3°♋49'53	24°23'22
	-10035 Oct 19 j 13:45	0°♌	
desc. node	-10035 Oct 22 j 17:30	4°♌47'10	
morning set	-10035 Nov 04 j 03:13	25°♌01'54	
	-10035 Nov 06 j 23:09	0°♍	
max. Earth dist.	-10035 Nov 08 j 02:24	2°♍01'58	1.38206 AU
superior conj	-10035 Nov 14 j 23:56	14°♍51'49	-1°42'18
minimum elong	-10035 Nov 14 j 23:35	14°♍50'06	1°42'05
	-10035 Nov 22 j 17:12	0°♎	
evening rise	-10035 Nov 23 j 14:31	1°♎45'19	
asc. node	-10035 Dec 03 j 01:44	19°♎13'51	
evening max el	-10035 Dec 10 j 08:16	28°♎44'11	19°02'17
	-10035 Dec 11 j 18:51	0°♏	
retrograde	-10035 Dec 18 j 22:09	2°♏50'17	
evening set	-10035 Dec 21 j 10:09	2°♏30'52	
	-10035 Dec 26 j 18:58	30°℞♎	
inferior conj	-10035 Dec 29 j 09:37	28°♎13'41	4°05'39
minimum elong	-10035 Dec 29 j 12:18	28°♎08'57	4°05'11
min. Earth dist.	-10034 Jan 01 j 10:41	26°♎05'40	0.57566 AU
morning rise	-10034 Jan 06 j 12:16	23°♎13'55	
direct	-10034 Jan 11 j 22:34	22°♎04'19	
desc. node	-10034 Jan 18 j 18:51	23°♎53'06	
morning max el	-10034 Jan 26 j 00:29	29°♎17'01	25°24'34
	-10034 Jan 26 j 18:04	0°♏	
	-10034 Feb 16 j 03:47	0°♐	
morning set	-10034 Feb 22 j 03:04	11°♐58'50	
asc. node	-10034 Feb 28 j 23:52	26°♐46'01	
superior conj	-10034 Mar 01 j 02:36	27°♐00'52	0°01'07
minimum elong	-10034 Mar 01 j 02:34	27°♐00'43	0°00'32
behind sun begin	-10034 Feb 28 j 21:33	26°♐33'22	
behind sun end	-10034 Mar 01 j 07:36	27°♐28'04	
max. Earth dist.	-10034 Mar 02 j 01:08	29°♐03'12	1.33014 AU
	-10034 Mar 02 j 11:37	0°♑	
evening rise	-10034 Mar 08 j 08:31	12°♑25'04	
	-10034 Mar 17 j 13:10	0°♒	
	-10034 Apr 07 j 19:10	0°♓	
evening max el	-10034 Apr 08 j 19:21	0°♓59'41	27°11'08
desc. node	-10034 Apr 16 j 18:23	6°♓55'26	
retrograde	-10034 Apr 22 j 19:48	8°♓29'21	
evening set	-10034 Apr 29 j 13:27	6°♓21'47	
min. Earth dist.	-10034 May 03 j 08:20	3°♓29'11	0.61336 AU
inferior conj	-10034 May 06 j 13:03	0°♓35'23	-3°36'17
minimum elong	-10034 May 06 j 12:05	0°♓37'36	3°36'34
	-10034 May 07 j 04:40	30°℞♒	
morning rise	-10034 May 13 j 12:34	25°♒40'32	
direct	-10034 May 16 j 02:37	25°♒12'04	
morning max el	-10034 May 22 j 23:15	28°♒36'58	18°03'56
	-10034 May 24 j 06:57	0°♓	
asc. node	-10034 May 27 j 23:55	4°♓51'15	
morning set	-10034 Jun 08 j 05:18	24°♓09'39	
	-10034 Jun 11 j 10:09	0°♈	
superior conj	-10034 Jun 18 j 22:17	13°♈23'02	1°48'44
minimum elong	-10034 Jun 18 j 23:42	13°♈29'14	1°48'46
max. Earth dist.	-10034 Jun 26 j 04:30	25°♈43'32	1.42031 AU
	-10034 Jun 28 j 18:52	0°♉	
evening rise	-10034 Jul 02 j 22:31	6°♉41'10	
desc. node	-10034 Jul 13 j 15:37	23°♉13'26	
	-10034 Jul 18 j 05:38	0°♊	
evening max el	-10034 Aug 04 j 01:07	21°♊53'36	21°54'18
retrograde	-10034 Aug 13 j 03:25	27°♊16'49	
evening set	-10034 Aug 17 j 12:54	25°♊31'22	
inferior conj	-10034 Aug 22 j 19:27	19°♊19'30	-0°23'24
minimum elong	-10034 Aug 22 j 19:56	19°♊17'47	0°22'39
min. Earth dist.	-10034 Aug 23 j 00:44	19°♊01'14	0.67154 AU
asc. node	-10034 Aug 24 j 00:26	17°♊40'06	
morning rise	-10034 Aug 28 j 02:51	13°♊00'39	
direct	-10034 Sep 01 j 21:04	11°♊02'48	
morning max el	-10034 Sep 11 j 22:17	17°♊05'27	22°58'59
	-10034 Sep 22 j 12:24	0°♋	
desc. node	-10034 Oct 09 j 14:22	25°♋07'36	
	-10034 Oct 12 j 16:05	0°♌	
morning set	-10034 Oct 16 j 00:13	5°♌25'29	
max. Earth dist.	-10034 Oct 21 j 00:34	13°♌50'29	1.40208 AU
superior conj	-10034 Oct 28 j 16:01	27°♌21'17	-1°36'00
minimum elong	-10034 Oct 28 j 13:29	27°♌09'42	1°35'30
	-10034 Oct 30 j 02:39	0°♍	
evening rise	-10034 Nov 07 j 06:35	15°♍22'51	
	-10034 Nov 15 j 05:37	0°♎	
asc. node	-10034 Nov 19 j 23:03	7°♎17'40	
evening max el	-10034 Nov 23 j 11:51	11°♎25'46	18°25'25
retrograde	-10034 Dec 01 j 00:29	15°♎08'50	
evening set	-10034 Dec 03 j 12:41	14°♎45'18	
inferior conj	-10034 Dec 10 j 22:46	10°♎07'24	4°15'14
minimum elong	-10034 Dec 10 j 21:59	10°♎09'01	4°15'11
min. Earth dist.	-10034 Dec 14 j 04:49	7°♎29'30	0.59368 AU
morning rise	-10034 Dec 18 j 05:32	4°♎46'23	
direct	-10034 Dec 24 j 16:56	2°♎58'00	
desc. node	-10033 Jan 05 j 15:38	8°♎25'18	
morning max el	-10033 Jan 07 j 18:47	10°♎21'07	26°39'39
	-10033 Jan 22 j 23:34	0°♏	
morning set	-10033 Feb 06 j 13:59	26°♏59'21	
	-10033 Feb 08 j 00:19	0°♐	
superior conj	-10033 Feb 13 j 14:19	12°♐04'43	-0°22'12
minimum elong	-10033 Feb 13 j 15:15	12°♐09'49	0°22'33
max. Earth dist.	-10033 Feb 13 j 14:28	12°♐05'35	1.32773 AU
asc. node	-10033 Feb 15 j 21:01	17°♐03'01	
evening rise	-10033 Feb 20 j 16:05	27°♐16'58	
	-10033 Feb 21 j 23:42	0°♑	
	-10033 Mar 11 j 04:52	0°♒	
evening max el	-10033 Mar 21 j 20:48	12°♒48'26	26°23'33
desc. node	-10033 Apr 03 j 15:36	20°♒05'21	
retrograde	-10033 Apr 04 j 23:56	20°♒09'54	
evening set	-10033 Apr 11 j 00:51	18°♒37'31	
min. Earth dist.	-10033 Apr 15 j 10:08	15°♒48'35	0.59334 AU
inferior conj	-10033 Apr 18 j 18:34	13°♒10'19	-3°12'13
minimum elong	-10033 Apr 18 j 15:29	13°♒16'28	3°12'12
morning rise	-10033 Apr 26 j 08:51	8°♒35'31	
direct	-10033 Apr 28 j 19:14	8°♒14'11	
morning max el	-10033 May 06 j 09:35	11°♒53'45	18°24'11

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10033 May 14 j 20:46	23°♒28'12	
	-10033 May 18 j 13:02	0°♓	
morning set	-10033 May 22 j 12:33	7°♓28'24	
superior conj	-10033 Jun 01 j 00:04	25°♓18'32	1°48'06
minimum elong	-10033 May 31 j 22:42	25°♓12'17	1°47'57
	-10033 Jun 03 j 14:06	0°♈	
max. Earth dist.	-10033 Jun 08 j 07:25	8°♈18'49	1.40246 AU
evening rise	-10033 Jun 13 j 01:32	16°♈21'32	
	-10033 Jun 21 j 13:40	0°♉	
desc. node	-10033 Jun 30 j 12:58	13°♉26'12	
	-10033 Jul 12 j 21:36	0°♊	
evening max el	-10033 Jul 17 j 14:44	5°♊14'30	23°15'09
retrograde	-10033 Jul 27 j 20:21	11°♊18'32	
evening set	-10033 Aug 01 j 20:14	9°♊11'55	
inferior conj	-10033 Aug 07 j 01:46	2°♊56'56	-1°12'18
minimum elong	-10033 Aug 07 j 03:15	2°♊51'50	1°11'15
min. Earth dist.	-10033 Aug 06 j 20:35	3°♊14'47	0.67244 AU
	-10033 Aug 09 j 06:41	30°℞♉	
asc. node	-10033 Aug 10 j 21:25	28°♉07'26	
morning rise	-10033 Aug 12 j 10:09	26°♉42'34	
direct	-10033 Aug 16 j 15:28	25°♉03'36	
	-10033 Aug 25 j 04:07	0°♊	
morning max el	-10033 Aug 25 j 13:15	0°♊23'11	21°36'56
	-10033 Sep 16 j 08:38	0°♋	
morning set	-10033 Sep 25 j 18:45	14°♋33'07	
desc. node	-10033 Sep 26 j 11:16	15°♋38'30	
max. Earth dist.	-10033 Oct 03 j 03:48	26°♋27'19	1.42078 AU
	-10033 Oct 05 j 07:04	0°♌	
superior conj	-10033 Oct 10 j 10:29	8°♌44'14	-1°17'50
minimum elong	-10033 Oct 10 j 05:58	8°♌24'45	1°16'55
evening rise	-10033 Oct 21 j 10:45	28°♌22'25	
	-10033 Oct 22 j 08:11	0°♍	
asc. node	-10033 Nov 06 j 20:20	24°♍25'48	
evening max el	-10033 Nov 06 j 21:32	24°♍28'49	18°08'38
retrograde	-10033 Nov 13 j 18:51	28°♍01'32	
evening set	-10033 Nov 16 j 08:21	27°♍32'30	
inferior conj	-10033 Nov 23 j 06:08	22°♍32'46	3°58'12
minimum elong	-10033 Nov 23 j 03:08	22°♍39'45	3°57'55
min. Earth dist.	-10033 Nov 26 j 05:42	19°♍46'27	0.61246 AU
morning rise	-10033 Nov 29 j 20:45	16°♍54'13	
direct	-10033 Dec 06 j 20:51	14°♍33'29	
morning max el	-10033 Dec 20 j 19:21	22°♍02'36	27°24'59
desc. node	-10033 Dec 23 j 12:22	24°♍49'45	
	-10033 Dec 27 j 21:43	0°♎	
	-10032 Jan 15 j 21:48	0°♏	
morning set	-10032 Jan 21 j 21:26	11°♏47'54	
max. Earth dist.	-10032 Jan 28 j 03:16	25°♏03'41	1.32860 AU
superior conj	-10032 Jan 29 j 01:53	27°♏06'43	-0°44'18
minimum elong	-10032 Jan 29 j 03:35	27°♏16'00	0°44'26
	-10032 Jan 30 j 09:40	0°♐	
asc. node	-10032 Feb 02 j 18:12	7°♐16'34	
evening rise	-10032 Feb 05 j 02:26	12°♐15'22	
	-10032 Feb 14 j 05:30	0°♑	
evening max el	-10032 Mar 02 j 16:49	24°♑01'57	25°08'58
	-10032 Mar 11 j 07:08	0°♒	
retrograde	-10032 Mar 16 j 17:09	1°♒07'55	
desc. node	-10032 Mar 20 j 12:44	0°♒33'53	
evening set	-10032 Mar 21 j 17:06	0°♒10'01	
	-10032 Mar 22 j 03:18	30°℞♑	
min. Earth dist.	-10032 Mar 27 j 05:58	27°♑11'14	0.57474 AU
inferior conj	-10032 Mar 30 j 05:10	25°♑10'05	-2°18'34
minimum elong	-10032 Mar 30 j 01:05	25°♑17'04	2°18'07
morning rise	-10032 Apr 07 j 12:16	20°♑54'00	
direct	-10032 Apr 09 j 19:16	20°♑38'13	
morning max el	-10032 Apr 18 j 13:47	24°♑46'42	19°04'13
	-10032 Apr 23 j 01:26	0°♒	
asc. node	-10032 Apr 30 j 17:38	12°♒38'38	
morning set	-10032 May 05 j 07:12	21°♒25'24	
	-10032 May 09 j 15:31	0°♓	
superior conj	-10032 May 13 j 21:09	8°♓14'52	1°37'57
minimum elong	-10032 May 13 j 18:25	8°♓01'45	1°37'28
max. Earth dist.	-10032 May 20 j 08:11	20°♓18'56	1.38365 AU
evening rise	-10032 May 24 j 08:05	27°♓25'00	
	-10032 May 25 j 19:57	0°♈	
	-10032 Jun 14 j 00:56	0°♉	
desc. node	-10032 Jun 16 j 10:21	3°♉19'23	
evening max el	-10032 Jun 29 j 01:07	18°♉36'42	24°36'21
retrograde	-10032 Jul 10 j 09:42	25°♉18'02	
evening set	-10032 Jul 16 j 00:36	22°♉51'37	
min. Earth dist.	-10032 Jul 20 j 14:50	17°♉30'58	0.67023 AU
inferior conj	-10032 Jul 21 j 07:14	16°♉35'52	-1°57'10
minimum elong	-10032 Jul 21 j 09:27	16°♉28'25	1°56'03
morning rise	-10032 Jul 26 j 18:14	10°♉29'27	
asc. node	-10032 Jul 27 j 18:20	9°♉51'33	
direct	-10032 Jul 30 j 12:27	9°♉07'59	
morning max el	-10032 Aug 07 j 10:33	13°♉47'37	20°23'33
	-10032 Aug 19 j 18:30	0°♊	
morning set	-10032 Sep 03 j 21:31	22°♊59'21	
	-10032 Sep 08 j 09:11	0°♋	
desc. node	-10032 Sep 12 j 08:14	6°♋16'09	
max. Earth dist.	-10032 Sep 14 j 13:55	9°♋50'53	1.43547 AU
superior conj	-10032 Sep 20 j 02:07	18°♋48'10	-0°46'01
minimum elong	-10032 Sep 19 j 21:47	18°♋30'21	0°44'56
	-10032 Sep 26 j 18:53	0°♌	
evening rise	-10032 Oct 02 j 22:35	10°♌34'21	
	-10032 Oct 14 j 11:38	0°♍	
evening max el	-10032 Oct 20 j 10:24	7°♍45'54	18°11'08
asc. node	-10032 Oct 23 j 17:35	10°♍22'59	
retrograde	-10032 Oct 27 j 01:19	11°♍18'53	
evening set	-10032 Oct 29 j 17:37	10°♍42'39	
inferior conj	-10032 Nov 05 j 04:31	5°♍22'52	3°24'07
minimum elong	-10032 Nov 05 j 00:49	5°♍32'37	3°23'32
min. Earth dist.	-10032 Nov 07 j 16:08	2°♍46'20	0.62973 AU
	-10032 Nov 10 j 15:41	30°℞♌	
morning rise	-10032 Nov 11 j 07:13	29°♌29'31	
direct	-10032 Nov 18 j 08:38	26°♌49'17	
	-10032 Nov 26 j 20:27	0°♍	
morning max el	-10032 Dec 02 j 01:40	4°♍22'48	27°35'26
desc. node	-10032 Dec 09 j 09:04	12°♍35'09	
	-10032 Dec 21 j 11:13	0°♎	
morning set	-10031 Jan 04 j 23:06	26°♎16'02	
	-10031 Jan 06 j 19:09	0°♏	
max. Earth dist.	-10031 Jan 10 j 11:39	7°♏43'35	1.33304 AU
superior conj	-10031 Jan 12 j 11:34	12°♏00'13	-1°04'23
minimum elong	-10031 Jan 12 j 13:46	12°♏12'02	1°04'23
evening rise	-10031 Jan 19 j 13:45	27°♏13'10	
asc. node	-10031 Jan 19 j 15:24	27°♏21'49	
	-10031 Jan 20 j 21:48	0°♐	
	-10031 Feb 07 j 20:57	0°♑	
evening max el	-10031 Feb 12 j 09:50	4°♑53'48	23°38'13
retrograde	-10031 Feb 25 j 22:02	11°♑32'30	
evening set	-10031 Mar 01 j 18:59	10°♑59'28	
desc. node	-10031 Mar 07 j 09:48	8°♑31'54	
min. Earth dist.	-10031 Mar 08 j 22:16	7°♑38'58	0.56075 AU
inferior conj	-10031 Mar 10 j 20:03	6°♑29'54	-0°52'53
minimum elong	-10031 Mar 10 j 17:53	6°♑33'10	0°52'47
morning rise	-10031 Mar 19 j 19:24	2°♑26'34	
direct	-10031 Mar 22 j 00:59	2°♑13'54	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-10031 Apr 01 j 09:02	7°♉05'46	20°04'05
	-10031 Apr 16 j 11:21	0°♒	
asc. node	-10031 Apr 17 j 14:30	2°♒13'36	
morning set	-10031 Apr 19 j 09:48	5°♒50'19	
superior conj	-10031 Apr 27 j 08:16	21°♒56'24	1°21'29
minimum elong	-10031 Apr 27 j 05:19	21°♒41'35	1°20'43
	-10031 May 01 j 10:36	0°♓	
max. Earth dist.	-10031 May 02 j 11:54	2°♓01'23	1.36616 AU
evening rise	-10031 May 06 j 14:29	9°♓41'47	
	-10031 May 18 j 12:02	0°♈	
desc. node	-10031 Jun 03 j 07:45	22°♈43'55	
	-10031 Jun 09 j 12:17	0°♉	
evening max el	-10031 Jun 11 j 10:52	2°♉00'06	25°49'56
retrograde	-10031 Jun 23 j 18:50	9°♉09'53	
evening set	-10031 Jun 29 j 23:56	6°♉28'24	
min. Earth dist.	-10031 Jul 04 j 05:11	1°♉46'37	0.66449 AU
inferior conj	-10031 Jul 05 j 10:00	0°♉14'05	-2°36'32
minimum elong	-10031 Jul 05 j 12:35	0°♉05'45	2°35'36
	-10031 Jul 05 j 14:23	30°℞♈	
morning rise	-10031 Jul 11 j 01:19	24°♈18'41	
direct	-10031 Jul 14 j 10:23	23°♈12'36	
asc. node	-10031 Jul 14 j 15:11	23°♈12'50	
morning max el	-10031 Jul 21 j 14:30	27°♈19'26	19°23'08
	-10031 Jul 23 j 23:31	0°♉	
	-10031 Aug 13 j 02:59	0°♊	
morning set	-10031 Aug 14 j 04:43	1°♊41'06	
max. Earth dist.	-10031 Aug 28 j 04:51	23°♊45'05	1.44418 AU
desc. node	-10031 Aug 30 j 05:18	26°♊57'21	
superior conj	-10031 Aug 30 j 15:18	27°♊37'12	-0°02'33
minimum elong	-10031 Aug 30 j 15:03	27°♊36'12	0°01'57
behind sun begin	-10031 Aug 30 j 03:53	26°♊51'46	
behind sun end	-10031 Aug 31 j 02:13	28°♊20'40	
	-10031 Sep 01 j 03:08	0°♋	
evening rise	-10031 Sep 14 j 12:45	21°♋46'03	
	-10031 Sep 19 j 12:21	0°♌	
evening max el	-10031 Oct 03 j 23:35	21°♌11'18	18°31'54
retrograde	-10031 Oct 10 j 15:38	24°♌53'28	
asc. node	-10031 Oct 10 j 14:46	24°♌53'27	
evening set	-10031 Oct 13 j 12:53	24°♌07'34	
inferior conj	-10031 Oct 19 j 14:30	18°♌30'55	2°39'55
minimum elong	-10031 Oct 19 j 11:07	18°♌40'43	2°39'18
min. Earth dist.	-10031 Oct 21 j 12:52	16°♌16'20	0.64432 AU
morning rise	-10031 Oct 25 j 08:47	12°♌25'43	
direct	-10031 Nov 01 j 03:28	9°♌39'38	
morning max el	-10031 Nov 14 j 11:13	17°♌13'00	27°12'14
	-10031 Nov 25 j 06:51	0°♍	
desc. node	-10031 Nov 26 j 05:45	1°♍17'59	
	-10031 Dec 14 j 05:30	0°♎	
morning set	-10031 Dec 19 j 16:08	10°♎14'14	
max. Earth dist.	-10031 Dec 24 j 11:52	19°♎54'07	1.34144 AU
superior conj	-10031 Dec 27 j 17:32	26°♎38'52	-1°21'29
minimum elong	-10031 Dec 27 j 19:48	26°♎50'51	1°21'25
	-10031 Dec 29 j 07:33	0°♏	
evening rise	-10030 Jan 04 j 00:25	12°♏04'24	
asc. node	-10030 Jan 06 j 12:40	17°♏13'49	
	-10030 Jan 13 j 08:22	0°♐	
evening max el	-10030 Jan 25 j 05:18	15°♐48'58	22°04'57
retrograde	-10030 Feb 06 j 16:09	21°♐45'50	
evening set	-10030 Feb 09 j 16:45	21°♐25'33	
inferior conj	-10030 Feb 18 j 20:28	17°♐19'24	0°53'47
minimum elong	-10030 Feb 18 j 22:48	17°♐16'05	0°52'28
min. Earth dist.	-10030 Feb 18 j 13:12	17°♐29'46	0.55422 AU
desc. node	-10030 Feb 22 j 06:47	15°♐26'19	
morning rise	-10030 Feb 28 j 05:30	13°♐15'16	
direct	-10030 Mar 02 j 17:30	13°♐01'03	
morning max el	-10030 Mar 14 j 17:27	18°♐45'08	21°22'26
	-10030 Mar 23 j 15:05	0°♑	
morning set	-10030 Apr 03 j 17:46	20°♑35'32	
asc. node	-10030 Apr 04 j 11:27	22°♑06'51	
	-10030 Apr 08 j 06:06	0°♒	
superior conj	-10030 Apr 11 j 05:23	6°♒11'14	1°01'05
minimum elong	-10030 Apr 11 j 02:54	5°♒58'23	1°00'10
max. Earth dist.	-10030 Apr 15 j 00:03	13°♒53'29	1.35164 AU
evening rise	-10030 Apr 19 j 15:05	22°♒56'12	
	-10030 Apr 23 j 10:17	0°♓	
	-10030 May 12 j 03:45	0°♈	
desc. node	-10030 May 21 j 05:09	11°♈27'45	
evening max el	-10030 May 24 j 21:26	15°♈20'58	26°47'22
retrograde	-10030 Jun 06 j 23:13	22°♈47'21	
evening set	-10030 Jun 13 j 15:48	19°♈59'23	
min. Earth dist.	-10030 Jun 17 j 13:28	15°♈56'24	0.65492 AU
inferior conj	-10030 Jun 19 j 08:01	13°♈48'49	-3°08'34
minimum elong	-10030 Jun 19 j 10:30	13°♈41'23	3°08'01
morning rise	-10030 Jun 25 j 05:27	8°♈07'12	
direct	-10030 Jun 28 j 07:21	7°♈14'02	
asc. node	-10030 Jul 01 j 12:01	8°♈08'45	
morning max el	-10030 Jul 04 j 23:55	10°♈56'38	18°38'17
	-10030 Jul 18 j 08:53	0°♉	
morning set	-10030 Jul 25 j 08:41	11°♉21'22	
	-10030 Aug 05 j 22:48	0°♊	
superior conj	-10030 Aug 09 j 15:04	5°♊50'15	0°43'58
minimum elong	-10030 Aug 09 j 20:13	6°♊10'38	0°43'52
max. Earth dist.	-10030 Aug 10 j 21:34	7°♊50'58	1.44598 AU
desc. node	-10030 Aug 17 j 02:27	17°♊38'48	
	-10030 Aug 24 j 22:00	0°♋	
evening rise	-10030 Aug 26 j 00:33	1°♋45'12	
	-10030 Sep 13 j 12:16	0°♌	
evening max el	-10030 Sep 17 j 10:21	4°♌39'47	19°09'50
retrograde	-10030 Sep 24 j 10:25	8°♌39'23	
asc. node	-10030 Sep 27 j 11:56	7°♌45'15	
evening set	-10030 Sep 27 j 14:56	7°♌40'46	
inferior conj	-10030 Oct 03 j 08:57	1°♌50'24	1°50'12
minimum elong	-10030 Oct 03 j 06:28	1°♌58'10	1°49'50
	-10030 Oct 04 j 20:12	30°℞♋	
min. Earth dist.	-10030 Oct 04 j 18:36	0°♌04'55	0.65589 AU
morning rise	-10030 Oct 08 j 21:36	25°♋36'51	
direct	-10030 Oct 15 j 04:43	22°♋56'23	
	-10030 Oct 27 j 13:22	0°♌	
morning max el	-10030 Oct 27 j 21:18	0°♌19'33	26°20'56
desc. node	-10030 Nov 13 j 02:28	20°♌40'52	
	-10030 Nov 19 j 05:36	0°♍	
morning set	-10030 Dec 02 j 20:39	23°♍29'31	
	-10030 Dec 06 j 06:30	0°♎	
max. Earth dist.	-10030 Dec 07 j 01:00	1°♎30'20	1.35420 AU
superior conj	-10030 Dec 11 j 17:24	10°♎54'07	-1°34'25
minimum elong	-10030 Dec 11 j 19:12	11°♎03'20	1°34'20
evening rise	-10030 Dec 19 j 08:37	26°♎42'20	
	-10030 Dec 20 j 23:24	0°♏	
asc. node	-10030 Dec 24 j 09:57	6°♏45'53	
evening max el	-10029 Jan 07 j 08:18	27°♏07'48	20°40'42
	-10029 Jan 11 j 00:15	0°♐	
retrograde	-10029 Jan 18 j 06:33	2°♐15'38	
evening set	-10029 Jan 20 j 21:43	1°♐59'00	
	-10029 Jan 26 j 04:35	30°℞♏	
inferior conj	-10029 Jan 29 j 17:59	28°♏00'35	2°34'42
minimum elong	-10029 Jan 29 j 23:32	27°♏52'27	2°32'44
min. Earth dist.	-10029 Jan 31 j 03:19	27°♏11'49	0.55652 AU
morning rise	-10029 Feb 07 j 23:54	23°♏39'56	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10029 Feb 09 j 03:42	23°♏25'50	
direct	-10029 Feb 11 j 08:44	23°♏14'59	
morning max el	-10029 Feb 24 j 15:12	29°♏46'11	22°54'58
	-10029 Feb 24 j 20:57	0°♐	
	-10029 Mar 16 j 11:47	0°♑	
morning set	-10029 Mar 19 j 04:56	5°♑33'53	
asc. node	-10029 Mar 22 j 08:28	12°♑12'48	
superior conj	-10029 Mar 26 j 09:23	20°♑49'31	0°38'26
minimum elong	-10029 Mar 26 j 07:45	20°♑40'53	0°37'33
max. Earth dist.	-10029 Mar 28 j 22:36	26°♑11'55	1.34060 AU
	-10029 Mar 30 j 18:41	0°♒	
evening rise	-10029 Apr 03 j 04:46	6°♒52'50	
	-10029 Apr 16 j 00:30	0°♓	
evening max el	-10029 May 07 j 08:18	28°♓30'35	27°20'46
desc. node	-10029 May 08 j 02:30	29°♓14'03	
	-10029 May 08 j 22:32	0°♈	
retrograde	-10029 May 20 j 22:06	6°♈02'44	
evening set	-10029 May 27 j 21:19	3°♈20'14	
	-10029 May 31 j 10:54	30°℞♓	
min. Earth dist.	-10029 May 31 j 13:50	29°♓52'12	0.64144 AU
inferior conj	-10029 Jun 02 j 22:52	27°♓16'09	-3°30'47
minimum elong	-10029 Jun 03 j 00:35	27°♓11'26	3°30'41
morning rise	-10029 Jun 09 j 04:30	21°♓50'51	
direct	-10029 Jun 12 j 00:59	21°♓08'28	
asc. node	-10029 Jun 18 j 08:52	24°♓26'01	
morning max el	-10029 Jun 18 j 12:50	24°♓35'52	18°10'33
	-10029 Jun 22 j 22:46	0°♈	
morning set	-10029 Jul 06 j 14:24	22°♈14'00	
	-10029 Jul 11 j 04:40	0°♉	
superior conj	-10029 Jul 19 j 23:50	14°♉31'26	1°21'28
minimum elong	-10029 Jul 20 j 06:12	14°♉57'18	1°21'16
max. Earth dist.	-10029 Jul 24 j 13:19	21°♉51'54	1.44077 AU
	-10029 Jul 29 j 16:31	0°♊	
desc. node	-10029 Aug 03 j 23:43	8°♊17'30	
evening rise	-10029 Aug 05 j 11:33	10°♊36'48	
	-10029 Aug 18 j 03:31	0°♋	
greatest brilliancy	-10029 Aug 18 j 10:10	0°♋24'49	-0.7m
evening max el	-10029 Aug 31 j 16:22	18°♋08'11	20°03'29
retrograde	-10029 Sep 08 j 07:02	22°♋33'41	
evening set	-10029 Sep 11 j 21:13	21°♋18'58	
asc. node	-10029 Sep 14 j 09:03	19°♋02'47	
inferior conj	-10029 Sep 17 j 09:20	15°♋17'59	0°58'09
minimum elong	-10029 Sep 17 j 08:01	15°♋22'24	0°58'12
min. Earth dist.	-10029 Sep 18 j 07:20	14°♋05'13	0.66438 AU
morning rise	-10029 Sep 22 j 18:33	8°♋59'40	
direct	-10029 Sep 28 j 11:35	6°♋32'55	
morning max el	-10029 Oct 10 j 06:45	13°♋32'46	25°09'42
	-10029 Oct 23 j 17:04	0°♌	
desc. node	-10029 Oct 30 j 23:15	10°♌32'29	
	-10029 Nov 12 j 00:16	0°♍	
morning set	-10029 Nov 15 j 07:47	5°♍48'18	
max. Earth dist.	-10029 Nov 19 j 03:57	12°♍47'45	1.37109 AU
superior conj	-10029 Nov 25 j 08:13	24°♍37'29	-1°41'35
minimum elong	-10029 Nov 25 j 08:51	24°♍40'39	1°41'28
	-10029 Nov 28 j 01:08	0°♎	
evening rise	-10029 Dec 03 j 12:30	11°♎01'47	
asc. node	-10029 Dec 11 j 07:16	25°♎50'58	
	-10029 Dec 13 j 19:27	0°♏	
evening max el	-10029 Dec 20 j 21:20	8°♏59'55	19°32'36
retrograde	-10029 Dec 30 j 05:36	13°♏24'43	
evening set	-10028 Jan 01 j 18:15	13°♏06'50	
inferior conj	-10028 Jan 10 j 01:41	8°♏59'28	3°43'56
minimum elong	-10028 Jan 10 j 06:16	8°♏51'59	3°42'53
min. Earth dist.	-10028 Jan 12 j 16:56	7°♏17'06	0.56697 AU
morning rise	-10028 Jan 18 j 16:06	4°♏14'20	
direct	-10028 Jan 23 j 08:26	3°♏24'44	
desc. node	-10028 Jan 27 j 00:34	3°♏55'52	
morning max el	-10028 Feb 06 j 06:27	10°♏26'13	24°32'11
	-10028 Feb 20 j 22:08	0°♐	
morning set	-10028 Mar 02 j 17:24	20°♐38'26	
	-10028 Mar 07 j 02:29	0°♑	
asc. node	-10028 Mar 08 j 05:32	2°♑26'26	
superior conj	-10028 Mar 09 j 17:52	5°♑42'59	0°14'48
minimum elong	-10028 Mar 09 j 17:15	5°♑39'40	0°14'05
behind sun begin	-10028 Mar 09 j 14:57	5°♑27'15	
behind sun end	-10028 Mar 09 j 19:33	5°♑52'05	
max. Earth dist.	-10028 Mar 11 j 05:43	8°♑56'07	1.33302 AU
evening rise	-10028 Mar 17 j 03:38	21°♑18'33	
	-10028 Mar 21 j 13:52	0°♒	
	-10028 Apr 09 j 01:14	0°♓	
evening max el	-10028 Apr 18 j 17:18	11°♓16'08	27°24'07
desc. node	-10028 Apr 23 j 23:50	15°♓38'41	
retrograde	-10028 May 02 j 14:32	18°♓47'09	
evening set	-10028 May 09 j 13:01	16°♓23'22	
min. Earth dist.	-10028 May 13 j 04:56	13°♓21'41	0.62442 AU
inferior conj	-10028 May 16 j 03:34	10°♓29'25	-3°39'27
minimum elong	-10028 May 16 j 03:46	10°♓28'55	3°39'42
morning rise	-10028 May 22 j 19:47	5°♓22'50	
direct	-10028 May 25 j 12:05	4°♓49'31	
morning max el	-10028 Jun 01 j 02:52	8°♓11'51	18°00'57
asc. node	-10028 Jun 04 j 05:42	11°♓48'20	
	-10028 Jun 15 j 10:24	0°♈	
morning set	-10028 Jun 17 j 19:06	4°♈12'07	
superior conj	-10028 Jun 29 j 09:05	24°♈24'43	1°43'18
minimum elong	-10028 Jun 29 j 12:35	24°♈39'32	1°43'18
	-10028 Jul 02 j 17:02	0°♉	
max. Earth dist.	-10028 Jul 06 j 01:28	5°♉30'52	1.42927 AU
evening rise	-10028 Jul 14 j 12:15	19°♉00'00	
desc. node	-10028 Jul 20 j 21:01	28°♉49'26	
	-10028 Jul 21 j 15:34	0°♊	
	-10028 Aug 12 j 04:57	0°♋	
evening max el	-10028 Aug 13 j 15:52	1°♋33'04	21°10'45
retrograde	-10028 Aug 22 j 03:27	6°♋32'59	
evening set	-10028 Aug 26 j 05:27	4°♋59'10	
	-10028 Aug 30 j 17:01	30°℞♊	
asc. node	-10028 Aug 31 j 06:07	29°♊15'37	
inferior conj	-10028 Aug 31 j 13:29	28°♊50'25	0°05'59
minimum elong	-10028 Aug 31 j 13:20	28°♊50'55	0°06'30
transit middle	-10028 Aug 31 j 13:20	28°♊50'55	0°06'30
transit begin	-10028 Aug 31 j 10:51	28°♊59'27	
transit end	-10028 Aug 31 j 15:50	28°♊42'24	
min. Earth dist.	-10028 Sep 01 j 00:40	28°♊12'09	0.66982 AU
morning rise	-10028 Sep 05 j 21:05	22°♊30'57	
direct	-10028 Sep 10 j 23:26	20°♊22'15	
morning max el	-10028 Sep 21 j 16:32	26°♊47'31	23°47'37
	-10028 Sep 24 j 15:43	0°♋	
	-10028 Oct 16 j 08:42	0°♌	
desc. node	-10028 Oct 16 j 20:05	0°♌44'07	
morning set	-10028 Oct 26 j 19:58	16°♌56'22	
max. Earth dist.	-10028 Oct 31 j 02:17	24°♌18'01	1.39062 AU
	-10028 Nov 03 j 06:51	0°♍	
superior conj	-10028 Nov 07 j 10:00	7°♍37'40	-1°40'55
minimum elong	-10028 Nov 07 j 08:46	7°♍31'51	1°40'37
evening rise	-10028 Nov 16 j 09:43	24°♍56'45	
	-10028 Nov 19 j 00:30	0°♎	
asc. node	-10028 Nov 27 j 04:34	14°♎20'14	
evening max el	-10028 Dec 02 j 20:05	21°♎24'53	18°44'04
retrograde	-10028 Dec 10 j 21:51	25°♎19'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening set	-10028 Dec 13 j 09:56	24°♎58'31	
inferior conj	-10028 Dec 21 j 03:32	20°♎32'31	4°13'41
minimum elong	-10028 Dec 21 j 04:40	20°♎30'24	4°13'30
min. Earth dist.	-10028 Dec 24 j 08:18	18°♎09'34	0.58304 AU
morning rise	-10028 Dec 28 j 21:27	15°♎23'23	
direct	-10027 Jan 03 j 19:45	13°♎57'33	
desc. node	-10027 Jan 12 j 21:23	17°♎07'38	
morning max el	-10027 Jan 17 j 22:12	21°♎14'48	25°59'43
	-10027 Jan 25 j 13:37	0°♏	
	-10027 Feb 12 j 10:42	0°♐	
morning set	-10027 Feb 15 j 05:26	5°♐42'56	
superior conj	-10027 Feb 22 j 04:55	20°♐45'10	-0°08'54
minimum elong	-10027 Feb 22 j 05:18	20°♐47'20	0°09'22
behind sun begin	-10027 Feb 22 j 01:15	20°♐25'12	
behind sun end	-10027 Feb 22 j 09:22	21°♐09'27	
max. Earth dist.	-10027 Feb 22 j 18:00	21°♐56'33	1.32871 AU
asc. node	-10027 Feb 23 j 02:39	22°♐43'39	
	-10027 Feb 26 j 11:30	0°♑	
evening rise	-10027 Mar 01 j 08:43	6°♑03'35	
	-10027 Mar 14 j 05:14	0°♒	
evening max el	-10027 Mar 31 j 21:50	23°♒26'46	26°54'39
	-10027 Apr 10 j 09:39	0°♓	
desc. node	-10027 Apr 10 j 21:03	0°♓10'14	
retrograde	-10027 Apr 14 j 23:27	0°♓53'08	
	-10027 Apr 19 j 10:00	30°℞♒	
evening set	-10027 Apr 21 j 11:30	28°♒59'42	
min. Earth dist.	-10027 Apr 25 j 10:55	26°♒10'50	0.60492 AU
inferior conj	-10027 Apr 28 j 18:35	23°♒20'54	-3°29'17
minimum elong	-10027 Apr 28 j 16:41	23°♒24'59	3°29'31
morning rise	-10027 May 06 j 00:04	18°♒34'41	
direct	-10027 May 08 j 12:42	18°♒09'17	
morning max el	-10027 May 15 j 15:23	21°♒38'18	18°10'12
asc. node	-10027 May 22 j 02:34	0°♓01'38	
	-10027 May 22 j 02:09	0°♓	
morning set	-10027 May 31 j 18:00	17°♓04'44	
	-10027 Jun 07 j 17:56	0°♈	
superior conj	-10027 Jun 10 j 21:20	5°♈39'16	1°49'52
minimum elong	-10027 Jun 10 j 21:25	5°♈39'36	1°49'52
max. Earth dist.	-10027 Jun 18 j 07:48	18°♈32'05	1.41305 AU
evening rise	-10027 Jun 24 j 01:06	27°♈58'27	
	-10027 Jun 25 j 07:18	0°♉	
desc. node	-10027 Jul 07 j 18:19	19°♉10'39	
	-10027 Jul 15 j 07:34	0°♊	
evening max el	-10027 Jul 27 j 08:32	14°♊54'19	22°28'04
retrograde	-10027 Aug 05 j 22:06	20°♊34'52	
evening set	-10027 Aug 10 j 13:40	18°♊40'08	
inferior conj	-10027 Aug 15 j 19:31	12°♊26'28	-0°44'33
minimum elong	-10027 Aug 15 j 20:28	12°♊23'13	0°43'40
min. Earth dist.	-10027 Aug 15 j 20:18	12°♊23'45	0.67234 AU
asc. node	-10027 Aug 18 j 03:07	9°♊19'56	
morning rise	-10027 Aug 21 j 03:10	6°♊09'16	
direct	-10027 Aug 25 j 15:37	4°♊19'48	
morning max el	-10027 Sep 04 j 04:59	10°♊04'00	22°23'21
	-10027 Sep 19 j 16:43	0°♋	
desc. node	-10027 Oct 03 j 16:56	21°♋09'20	
morning set	-10027 Oct 07 j 05:18	26°♋45'51	
	-10027 Oct 09 j 05:05	0°♌	
max. Earth dist.	-10027 Oct 13 j 02:28	6°♌27'15	1.41036 AU
superior conj	-10027 Oct 20 j 17:34	19°♌40'11	-1°29'54
minimum elong	-10027 Oct 20 j 14:05	19°♌24'38	1°29'13
	-10027 Oct 26 j 09:59	0°♍	
evening rise	-10027 Oct 30 j 21:12	8°♍19'18	
	-10027 Nov 12 j 12:11	0°♎	
asc. node	-10027 Nov 14 j 01:51	2°♎01'57	
evening max el	-10027 Nov 16 j 02:31	4°♎16'01	18°15'50
retrograde	-10027 Nov 23 j 07:41	7°♎53'43	
evening set	-10027 Nov 25 j 20:08	7°♎28'08	
inferior conj	-10027 Dec 03 j 00:48	2°♎40'42	4°10'42
minimum elong	-10027 Dec 02 j 22:52	2°♎44'52	4°10'34
min. Earth dist.	-10027 Dec 06 j 05:00	29°♍56'38	0.60165 AU
	-10027 Dec 06 j 03:23	30°℞♍	
morning rise	-10027 Dec 10 j 00:05	27°♍11'31	
direct	-10027 Dec 16 j 18:11	25°♍08'14	
	-10027 Dec 27 j 21:37	0°♎	
desc. node	-10027 Dec 30 j 18:09	2°♎31'51	
morning max el	-10027 Dec 30 j 19:18	2°♎34'37	27°03'11
	-10026 Jan 19 j 19:28	0°♏	
morning set	-10026 Jan 30 j 15:06	20°♏39'20	
	-10026 Feb 04 j 00:39	0°♐	
superior conj	-10026 Feb 06 j 16:44	5°♐48'47	-0°31'47
minimum elong	-10026 Feb 06 j 18:01	5°♐55'49	0°32'02
max. Earth dist.	-10026 Feb 06 j 07:33	4°♐58'39	1.32764 AU
asc. node	-10026 Feb 09 j 23:47	12°♐59'30	
evening rise	-10026 Feb 13 j 17:40	20°♐58'39	
	-10026 Feb 18 j 04:41	0°♑	
	-10026 Mar 09 j 05:13	0°♒	
evening max el	-10026 Mar 13 j 20:33	4°♒58'11	25°54'30
retrograde	-10026 Mar 27 j 23:23	12°♒15'02	
desc. node	-10026 Mar 28 j 18:14	12°♒13'30	
evening set	-10026 Apr 02 j 14:32	10°♒57'41	
min. Earth dist.	-10026 Apr 07 j 09:41	8°♒06'11	0.58505 AU
inferior conj	-10026 Apr 10 j 16:16	5°♒40'58	-2°53'25
minimum elong	-10026 Apr 10 j 12:30	5°♒47'59	2°53'11
morning rise	-10026 Apr 18 j 13:35	1°♒14'56	
direct	-10026 Apr 20 j 22:26	0°♒56'16	
morning max el	-10026 Apr 28 j 23:31	4°♒46'07	18°38'52
asc. node	-10026 May 08 j 23:24	18°♒53'35	
	-10026 May 14 j 22:08	0°♓	
morning set	-10026 May 15 j 06:31	0°♓40'27	
superior conj	-10026 May 24 j 08:03	18°♓02'39	1°44'45
minimum elong	-10026 May 24 j 05:56	17°♓52'47	1°44'29
	-10026 May 30 j 21:41	0°♈	
max. Earth dist.	-10026 May 31 j 08:48	0°♈49'01	1.39437 AU
evening rise	-10026 Jun 04 j 15:50	8°♈13'39	
	-10026 Jun 18 j 07:16	0°♉	
desc. node	-10026 Jun 24 j 15:40	9°♉16'00	
evening max el	-10026 Jul 09 j 20:14	28°♉15'00	23°50'03
	-10026 Jul 11 j 16:15	0°♊	
retrograde	-10026 Jul 20 j 13:49	4°♊36'29	
evening set	-10026 Jul 25 j 20:01	2°♊21'03	
	-10026 Jul 28 j 02:06	30°℞♉	
min. Earth dist.	-10026 Jul 30 j 15:51	26°♉38'55	0.67185 AU
inferior conj	-10026 Jul 31 j 01:43	26°♉05'09	-1°31'55
minimum elong	-10026 Jul 31 j 03:33	25°♉58'53	1°30'49
morning rise	-10026 Aug 05 j 11:01	19°♉53'40	
asc. node	-10026 Aug 05 j 00:04	20°♉15'43	
direct	-10026 Aug 09 j 11:16	18°♉22'33	
morning max el	-10026 Aug 17 j 22:36	23°♉25'00	21°04'20
	-10026 Aug 23 j 12:21	0°♊	
	-10026 Sep 13 j 02:03	0°♋	
morning set	-10026 Sep 16 j 15:12	5°♋30'37	
desc. node	-10026 Sep 20 j 13:50	11°♋43'42	
max. Earth dist.	-10026 Sep 25 j 08:19	19°♋24'07	1.42760 AU
	-10026 Oct 01 j 17:51	0°♌	
superior conj	-10026 Oct 02 j 01:09	0°♌30'51	-1°06'01
minimum elong	-10026 Oct 01 j 20:18	0°♌10'23	1°04'58
evening rise	-10026 Oct 13 j 19:06	21°♌00'26	
	-10026 Oct 18 j 20:36	0°♍	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-10026 Oct 30 j 13:56	17°♍26'09	18°07'25
asc. node	-10026 Oct 31 j 23:07	18°♍42'07	
retrograde	-10026 Nov 06 j 07:41	20°♍57'55	
evening set	-10026 Nov 08 j 22:02	20°♍26'13	
inferior conj	-10026 Nov 15 j 15:03	15°♍17'56	3°45'22
minimum elong	-10026 Nov 15 j 11:35	15°♍26'26	3°44'56
min. Earth dist.	-10026 Nov 18 j 10:03	12°♍33'30	0.62006 AU
morning rise	-10026 Nov 22 j 00:04	9°♍32'34	
direct	-10026 Nov 29 j 01:57	7°♍01'26	
morning max el	-10026 Dec 12 j 22:38	14°♍33'38	27°33'38
desc. node	-10026 Dec 17 j 14:52	19°♍34'17	
	-10026 Dec 25 j 14:12	0°♎	
	-10025 Jan 12 j 04:28	0°♏	
morning set	-10025 Jan 14 j 20:23	5°♏20'08	
max. Earth dist.	-10025 Jan 20 j 18:44	17°♏49'26	1.33001 AU
superior conj	-10025 Jan 22 j 03:43	20°♏47'50	-0°53'07
minimum elong	-10025 Jan 22 j 05:40	20°♏58'26	0°53'12
	-10025 Jan 26 j 09:33	0°♐	
asc. node	-10025 Jan 27 j 20:58	3°♐09'46	
evening rise	-10025 Jan 29 j 04:36	5°♐57'08	
	-10025 Feb 11 j 02:10	0°♑	
evening max el	-10025 Feb 23 j 14:44	15°♑59'30	24°31'31
retrograde	-10025 Mar 09 j 11:50	22°♑56'01	
evening set	-10025 Mar 13 j 23:40	22°♑10'25	
desc. node	-10025 Mar 15 j 15:22	21°♑32'08	
min. Earth dist.	-10025 Mar 20 j 03:59	19°♑03'29	0.56799 AU
inferior conj	-10025 Mar 22 j 18:15	17°♑23'09	-1°45'53
minimum elong	-10025 Mar 22 j 14:34	17°♑29'08	1°45'25
morning rise	-10025 Mar 31 j 08:36	13°♑13'28	
direct	-10025 Apr 02 j 14:15	12°♑59'31	
morning max el	-10025 Apr 12 j 00:14	17°♑25'23	19°27'18
	-10025 Apr 21 j 07:37	0°♒	
asc. node	-10025 Apr 25 j 20:15	8°♒14'50	
morning set	-10025 Apr 29 j 04:51	14°♒49'29	
	-10025 May 06 j 19:28	0°♓	
superior conj	-10025 May 07 j 11:36	1°♓19'03	1°31'35
minimum elong	-10025 May 07 j 08:39	1°♓04'40	1°30'58
max. Earth dist.	-10025 May 13 j 09:34	12°♓35'54	1.37589 AU
evening rise	-10025 May 17 j 09:09	19°♓49'44	
	-10025 May 23 j 06:50	0°♈	
desc. node	-10025 Jun 11 j 13:04	28°♈58'01	
	-10025 Jun 12 j 07:51	0°♉	
evening max el	-10025 Jun 22 j 06:05	11°♉37'43	25°09'14
retrograde	-10025 Jul 04 j 01:30	18°♉32'54	
evening set	-10025 Jul 09 j 22:30	15°♉59'33	
min. Earth dist.	-10025 Jul 14 j 08:50	10°♉54'58	0.66816 AU
inferior conj	-10025 Jul 15 j 06:16	9°♉44'03	-2°14'41
minimum elong	-10025 Jul 15 j 08:42	9°♉36'01	2°13'36
morning rise	-10025 Jul 20 j 18:52	3°♉41'39	
asc. node	-10025 Jul 22 j 20:57	2°♉39'51	
direct	-10025 Jul 24 j 08:55	2°♉26'58	
morning max el	-10025 Jul 31 j 22:41	6°♉52'01	19°56'03
	-10025 Aug 17 j 16:41	0°♊	
morning set	-10025 Aug 26 j 17:12	13°♊55'52	
	-10025 Sep 05 j 22:49	0°♋	
desc. node	-10025 Sep 07 j 10:49	2°♋23'06	
max. Earth dist.	-10025 Sep 07 j 20:25	3°♋01'25	1.43999 AU
superior conj	-10025 Sep 12 j 04:57	10°♋01'06	-0°28'40
minimum elong	-10025 Sep 12 j 01:53	9°♋48'42	0°27'42
	-10025 Sep 24 j 06:43	0°♌	
evening rise	-10025 Sep 25 j 22:22	2°♌47'57	
	-10025 Oct 13 j 09:24	0°♍	
evening max el	-10025 Oct 14 j 03:21	0°♍47'41	18°17'50
asc. node	-10025 Oct 18 j 20:21	4°♍04'15	
retrograde	-10025 Oct 20 j 17:46	4°♍23'08	
evening set	-10025 Oct 23 j 11:58	3°♍43'07	
	-10025 Oct 28 j 04:05	30°℞♌	
inferior conj	-10025 Oct 29 j 18:45	28°♌16'01	3°06'14
minimum elong	-10025 Oct 29 j 15:06	28°♌26'05	3°05'37
min. Earth dist.	-10025 Nov 01 j 00:50	25°♌47'35	0.63638 AU
morning rise	-10025 Nov 04 j 17:31	22°♌17'27	
direct	-10025 Nov 11 j 17:05	19°♌32'53	
morning max el	-10025 Nov 25 j 06:24	27°♌06'56	27°29'16
	-10025 Nov 28 j 01:10	0°♍	
desc. node	-10025 Dec 04 j 11:34	7°♍46'16	
	-10025 Dec 19 j 04:01	0°♎	
morning set	-10025 Dec 29 j 18:47	19°♎36'25	
	-10024 Jan 03 j 20:42	0°♏	
max. Earth dist.	-10024 Jan 03 j 23:52	0°♏16'41	1.33611 AU
superior conj	-10024 Jan 06 j 12:05	5°♏35'52	-1°12'04
minimum elong	-10024 Jan 06 j 14:22	5°♏48'05	1°12'02
evening rise	-10024 Jan 13 j 15:51	20°♏52'44	
asc. node	-10024 Jan 14 j 18:13	23°♏09'57	
	-10024 Jan 18 j 03:43	0°♐	
evening max el	-10024 Feb 05 j 08:20	26°♐50'32	22°58'09
	-10024 Feb 09 j 05:23	0°♑	
retrograde	-10024 Feb 18 j 11:18	3°♑12'13	
evening set	-10024 Feb 21 j 22:20	2°♑46'07	
	-10024 Feb 28 j 10:29	30°℞♐	
min. Earth dist.	-10024 Feb 29 j 19:45	29°♐12'37	0.55694 AU
desc. node	-10024 Mar 01 j 12:26	28°♐48'21	
inferior conj	-10024 Mar 02 j 02:01	28°♐28'31	-0°08'52
minimum elong	-10024 Mar 02 j 01:36	28°♐29'07	0°09'19
transit middle	-10024 Mar 02 j 01:36	28°♐29'07	0°09'19
transit begin	-10024 Mar 01 j 22:19	28°♐33'54	
transit end	-10024 Mar 02 j 04:53	28°♐24'20	
morning rise	-10024 Mar 11 j 06:38	24°♐26'26	
direct	-10024 Mar 13 j 13:41	24°♐13'45	
morning max el	-10024 Mar 24 j 14:56	29°♐27'44	20°35'17
	-10024 Mar 25 j 04:17	0°♑	
asc. node	-10024 Apr 11 j 17:10	27°♑58'29	
morning set	-10024 Apr 12 j 10:04	29°♑24'15	
	-10024 Apr 12 j 17:05	0°♒	
superior conj	-10024 Apr 20 j 03:24	15°♒16'01	1°13'12
minimum elong	-10024 Apr 20 j 00:35	15°♒01'39	1°12'20
max. Earth dist.	-10024 Apr 24 j 16:44	24°♒21'03	1.35959 AU
	-10024 Apr 27 j 15:18	0°♓	
evening rise	-10024 Apr 29 j 00:03	2°♓33'29	
	-10024 May 15 j 06:27	0°♈	
desc. node	-10024 May 28 j 10:30	18°♈07'11	
evening max el	-10024 Jun 03 j 16:24	25°♈01'55	26°16'57
	-10024 Jun 09 j 16:28	0°♉	
retrograde	-10024 Jun 16 j 08:33	2°♉19'29	
	-10024 Jun 22 j 06:38	30°℞♈	
evening set	-10024 Jun 22 j 18:58	29°♈34'17	
min. Earth dist.	-10024 Jun 26 j 20:54	25°♈09'02	0.66090 AU
inferior conj	-10024 Jun 28 j 07:18	23°♈21'28	-2°51'11
minimum elong	-10024 Jun 28 j 09:55	23°♈13'17	2°50'22
morning rise	-10024 Jul 04 j 00:58	17°♈31'26	
direct	-10024 Jul 07 j 06:52	16°♈30'55	
asc. node	-10024 Jul 08 j 17:48	16°♈42'41	
morning max el	-10024 Jul 14 j 05:05	20°♈26'08	19°02'04
	-10024 Jul 21 j 15:06	0°♉	
morning set	-10024 Aug 05 j 07:58	22°♉59'24	
	-10024 Aug 09 j 17:53	0°♊	
max. Earth dist.	-10024 Aug 20 j 12:51	17°♊04'09	1.44590 AU
superior conj	-10024 Aug 21 j 10:01	18°♊27'51	0°17'33
minimum elong	-10024 Aug 21 j 12:16	18°♊36'45	0°17'50

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10024 Aug 24 j 07:55	23°♊04'45	
	-10024 Aug 28 j 16:17	0°♋	
evening rise	-10024 Sep 06 j 01:43	13°♋29'53	
	-10024 Sep 16 j 07:34	0°♌	
evening max el	-10024 Sep 26 j 15:54	14°♌15'13	18°45'59
retrograde	-10024 Oct 03 j 10:21	18°♌03'23	
asc. node	-10024 Oct 04 j 17:33	17°♌53'49	
evening set	-10024 Oct 06 j 10:31	17°♌12'18	
inferior conj	-10024 Oct 12 j 08:41	11°♌29'18	2°19'14
minimum elong	-10024 Oct 12 j 05:38	11°♌38'27	2°18'43
min. Earth dist.	-10024 Oct 14 j 01:27	9°♌26'48	0.64972 AU
morning rise	-10024 Oct 18 j 00:18	5°♌20'23	
direct	-10024 Oct 24 j 14:34	2°♌35'41	
morning max el	-10024 Nov 06 j 16:20	10°♌05'06	26°53'21
desc. node	-10024 Nov 20 j 08:15	26°♌47'41	
	-10024 Nov 22 j 13:41	0°♍	
	-10024 Dec 10 j 13:20	0°♎	
morning set	-10024 Dec 12 j 07:01	3°♎17'41	
max. Earth dist.	-10024 Dec 16 j 19:44	12°♎12'53	1.34640 AU
superior conj	-10024 Dec 20 j 15:48	20°♎05'34	-1°27'34
minimum elong	-10024 Dec 20 j 17:57	20°♎16'46	1°27'30
	-10024 Dec 25 j 08:54	0°♏	
evening rise	-10024 Dec 28 j 01:43	5°♏39'16	
asc. node	-10024 Dec 31 j 15:30	12°♏54'22	
	-10023 Jan 10 j 14:11	0°♐	
evening max el	-10023 Jan 17 j 06:30	7°♐53'36	21°27'25
retrograde	-10023 Jan 29 j 02:15	13°♐29'31	
evening set	-10023 Jan 31 j 21:55	13°♐11'27	
inferior conj	-10023 Feb 09 j 23:28	9°♐10'48	1°39'10
minimum elong	-10023 Feb 10 j 03:36	9°♐04'56	1°37'22
min. Earth dist.	-10023 Feb 10 j 09:56	8°♐55'54	0.55413 AU
desc. node	-10023 Feb 16 j 09:24	5°♐55'21	
morning rise	-10023 Feb 19 j 08:59	5°♐01'47	
direct	-10023 Feb 22 j 04:14	4°♐44'24	
morning max el	-10023 Mar 06 j 18:29	10°♐49'20	22°00'34
	-10023 Mar 20 j 12:29	0°♑	
morning set	-10023 Mar 27 j 19:41	14°♑16'13	
asc. node	-10023 Mar 29 j 14:10	17°♑57'52	
superior conj	-10023 Apr 04 j 03:47	29°♑41'54	0°51'40
minimum elong	-10023 Apr 04 j 01:38	29°♑30'38	0°50'45
	-10023 Apr 04 j 07:15	0°♒	
max. Earth dist.	-10023 Apr 07 j 09:39	6°♒24'51	1.34651 AU
evening rise	-10023 Apr 12 j 06:46	16°♒07'26	
	-10023 Apr 19 j 19:38	0°♓	
	-10023 May 09 j 17:21	0°♈	
desc. node	-10023 May 15 j 07:55	6°♈28'56	
evening max el	-10023 May 17 j 03:18	8°♈19'14	27°04'52
retrograde	-10023 May 30 j 10:27	15°♈48'32	
evening set	-10023 Jun 06 j 06:48	13°♈01'10	
min. Earth dist.	-10023 Jun 10 j 01:52	9°♈14'03	0.64971 AU
inferior conj	-10023 Jun 12 j 02:35	6°♈53'17	-3°19'23
minimum elong	-10023 Jun 12 j 04:50	6°♈46'47	3°19'02
morning rise	-10023 Jun 18 j 03:15	1°♈18'29	
direct	-10023 Jun 21 j 02:46	0°♈30'02	
asc. node	-10023 Jun 25 j 14:39	2°♈14'57	
morning max el	-10023 Jun 27 j 16:18	4°♈04'36	18°24'23
	-10023 Jul 15 j 00:55	0°♉	
morning set	-10023 Jul 16 j 22:52	3°♉10'20	
superior conj	-10023 Jul 31 j 10:49	26°♉44'35	1°01'35
minimum elong	-10023 Jul 31 j 17:10	27°♉09'53	1°01'21
	-10023 Aug 02 j 11:56	0°♊	
max. Earth dist.	-10023 Aug 03 j 06:01	1°♊11'47	1.44460 AU
desc. node	-10023 Aug 11 j 05:08	13°♊45'21	
evening rise	-10023 Aug 17 j 02:11	22°♊58'23	
	-10023 Aug 21 j 14:02	0°♋	
greatest brilliancy	-10023 Aug 27 j 14:46	9°♋20'48	-0.7m
evening max el	-10023 Sep 10 j 00:54	27°♋44'02	19°30'48
	-10023 Sep 12 j 13:22	0°♌	
retrograde	-10023 Sep 17 j 06:19	1°♌53'44	
evening set	-10023 Sep 20 j 14:42	0°♌48'33	
asc. node	-10023 Sep 21 j 14:41	0°♌04'19	
	-10023 Sep 21 j 16:45	30°℞♋	
inferior conj	-10023 Sep 26 j 05:58	24°♋53'00	1°28'17
minimum elong	-10023 Sep 26 j 03:57	24°♋59'28	1°28'05
min. Earth dist.	-10023 Sep 27 j 10:25	23°♋21'25	0.65983 AU
morning rise	-10023 Oct 01 j 16:54	18°♋36'58	
direct	-10023 Oct 07 j 18:04	16°♋01'55	
morning max el	-10023 Oct 20 j 02:28	23°♋16'44	25°52'41
	-10023 Oct 26 j 03:18	0°♌	
desc. node	-10023 Nov 07 j 04:59	16°♌24'17	
	-10023 Nov 15 j 21:25	0°♍	
morning set	-10023 Nov 25 j 04:54	16°♍11'36	
max. Earth dist.	-10023 Nov 29 j 04:41	23°♍40'55	1.36095 AU
	-10023 Dec 02 j 10:27	0°♎	
superior conj	-10023 Dec 04 j 12:17	4°♎09'03	-1°38'16
minimum elong	-10023 Dec 04 j 13:41	4°♎16'08	1°38'11
evening rise	-10023 Dec 12 j 08:26	20°♎10'59	
	-10023 Dec 17 j 07:33	0°♏	
asc. node	-10023 Dec 18 j 12:49	2°♏16'33	
evening max el	-10023 Dec 30 j 13:34	19°♏26'16	20°09'24
retrograde	-10022 Jan 09 j 19:26	24°♏15'06	
evening set	-10022 Jan 12 j 08:54	23°♏58'22	
inferior conj	-10022 Jan 21 j 00:00	19°♏57'24	3°08'51
minimum elong	-10022 Jan 21 j 05:39	19°♏48'48	3°07'10
min. Earth dist.	-10022 Jan 22 j 23:40	18°♏45'02	0.56006 AU
morning rise	-10022 Jan 30 j 00:32	15°♏26'46	
direct	-10022 Feb 02 j 21:47	14°♏53'25	
desc. node	-10022 Feb 03 j 06:18	14°♏53'42	
morning max el	-10022 Feb 16 j 12:59	21°♏39'34	23°36'33
	-10022 Feb 23 j 17:14	0°♐	
morning set	-10022 Mar 12 j 07:38	29°♐18'25	
	-10022 Mar 12 j 15:35	0°♑	
asc. node	-10022 Mar 16 j 11:13	8°♑07'57	
superior conj	-10022 Mar 19 j 10:00	14°♑27'57	0°28'28
minimum elong	-10022 Mar 19 j 08:47	14°♑21'30	0°27'39
max. Earth dist.	-10022 Mar 21 j 12:08	18°♑54'47	1.33695 AU
	-10022 Mar 26 j 21:13	0°♒	
evening rise	-10022 Mar 27 j 00:47	0°♒17'46	
	-10022 Apr 12 j 20:35	0°♓	
evening max el	-10022 Apr 29 j 13:24	21°♓19'00	27°25'59
desc. node	-10022 May 02 j 05:15	23°♓43'41	
retrograde	-10022 May 13 j 06:46	28°♓51'51	
evening set	-10022 May 20 j 06:52	26°♓15'17	
min. Earth dist.	-10022 May 23 j 22:13	23°♓00'07	0.63461 AU
inferior conj	-10022 May 26 j 13:28	20°♓14'57	-3°36'23
minimum elong	-10022 May 26 j 14:38	20°♓11'53	3°36'29
morning rise	-10022 Jun 01 j 23:20	14°♓57'42	
direct	-10022 Jun 04 j 17:53	14°♓19'27	
morning max el	-10022 Jun 11 j 06:02	17°♓43'19	18°04'14
asc. node	-10022 Jun 12 j 11:29	19°♓01'39	
	-10022 Jun 20 j 02:57	0°♈	
morning set	-10022 Jun 28 j 14:47	14°♈31'17	
	-10022 Jul 07 j 15:59	0°♉	
superior conj	-10022 Jul 11 j 04:54	5°♉53'10	1°32'46
minimum elong	-10022 Jul 11 j 10:20	6°♉15'36	1°32'39
max. Earth dist.	-10022 Jul 16 j 20:14	15°♉04'04	1.43650 AU
	-10022 Jul 26 j 06:58	0°♊	
evening rise	-10022 Jul 27 j 06:06	1°♊29'53	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10022 Jul 29 j 02:24	4°♊21'20	
	-10022 Aug 15 j 06:22	0°♋	
evening max el	-10022 Aug 24 j 04:07	11°♋10'21	20°30'39
retrograde	-10022 Sep 01 j 03:11	15°♋50'11	
evening set	-10022 Sep 04 j 22:03	14°♋27'44	
asc. node	-10022 Sep 08 j 11:46	10°♋48'51	
inferior conj	-10022 Sep 10 j 08:11	8°♋22'56	0°35'57
minimum elong	-10022 Sep 10 j 07:22	8°♋25'42	0°36'12
min. Earth dist.	-10022 Sep 11 j 01:30	7°♋24'37	0.66694 AU
morning rise	-10022 Sep 15 j 16:28	2°♋03'27	
	-10022 Sep 19 j 05:50	30℞♊	
direct	-10022 Sep 21 j 03:07	29°♊44'03	
	-10022 Sep 23 j 02:31	0°♋	
morning max el	-10022 Oct 02 j 11:58	6°♋31'18	24°35'40
	-10022 Oct 20 j 19:07	0°♌	
desc. node	-10022 Oct 25 j 01:44	6°♌25'03	
morning set	-10022 Nov 07 j 06:59	28°♌02'24	
	-10022 Nov 08 j 09:48	0°♍	
max. Earth dist.	-10022 Nov 11 j 04:39	4°♍59'02	1.37912 AU
superior conj	-10022 Nov 17 j 22:05	17°♍35'28	-1°42'26
minimum elong	-10022 Nov 17 j 22:01	17°♍35'07	1°42'14
	-10022 Nov 24 j 05:20	0°♎	
evening rise	-10022 Nov 26 j 09:47	4°♎20'49	
asc. node	-10022 Dec 05 j 10:07	21°♎07'51	
	-10022 Dec 11 j 18:43	0°♏	
evening max el	-10022 Dec 13 j 06:53	1°♏33'05	19°09'30
retrograde	-10022 Dec 22 j 01:16	5°♏43'31	
evening set	-10022 Dec 24 j 13:22	5°♏24'35	
inferior conj	-10021 Jan 01 j 14:56	1°♏10'17	4°01'09
minimum elong	-10021 Jan 01 j 18:09	1°♏04'42	4°00'34
	-10021 Jan 03 j 07:32	30℞♎	
min. Earth dist.	-10021 Jan 04 j 14:04	29°♎08'18	0.57328 AU
morning rise	-10021 Jan 09 j 20:42	26°♎14'05	
direct	-10021 Jan 15 j 02:30	25°♎09'53	
desc. node	-10021 Jan 21 j 03:07	26°♎34'13	
	-10021 Jan 26 j 12:14	0°♏	
morning max el	-10021 Jan 29 j 03:45	2°♏20'17	25°11'23
	-10021 Feb 17 j 13:58	0°♐	
morning set	-10021 Feb 24 j 20:07	14°♐23'40	
asc. node	-10021 Mar 03 j 08:19	28°♐23'44	
superior conj	-10021 Mar 03 j 19:48	29°♐26'09	0°04'43
minimum elong	-10021 Mar 03 j 19:37	29°♐25'11	0°04'07
behind sun begin	-10021 Mar 03 j 14:43	28°♐58'34	
behind sun end	-10021 Mar 04 j 00:31	29°♐51'46	
	-10021 Mar 04 j 02:02	0°♑	
max. Earth dist.	-10021 Mar 04 j 21:37	1°♑46'06	1.33078 AU
evening rise	-10021 Mar 11 j 02:36	14°♑52'52	
	-10021 Mar 18 j 22:44	0°♒	
	-10021 Apr 08 j 04:36	0°♓	
evening max el	-10021 Apr 11 j 20:40	3°♓50'37	27°15'35
desc. node	-10021 Apr 19 j 02:32	9°♓24'31	
retrograde	-10021 Apr 25 j 20:31	11°♓20'52	
evening set	-10021 May 02 j 15:40	9°♓08'50	
min. Earth dist.	-10021 May 06 j 09:29	6°♓14'17	0.61627 AU
inferior conj	-10021 May 09 j 12:48	3°♓20'13	-3°37'51
minimum elong	-10021 May 09 j 12:09	3°♓21'42	3°38'09
	-10021 May 13 j 11:24	30℞♒	
morning rise	-10021 May 16 j 10:20	28°♒22'12	
direct	-10021 May 19 j 00:54	27°♒52'33	
	-10021 May 24 j 08:57	0°♓	
morning max el	-10021 May 25 j 19:48	1°♓16'32	18°02'31
asc. node	-10021 May 30 j 08:21	6°♓47'32	
morning set	-10021 Jun 11 j 03:51	26°♓54'09	
	-10021 Jun 12 j 20:50	0°♈	
superior conj	-10021 Jun 22 j 01:57	16°♈21'59	1°47'46
minimum elong	-10021 Jun 22 j 03:54	16°♈30'26	1°47'49
max. Earth dist.	-10021 Jun 29 j 05:28	28°♈26'31	1.42277 AU
	-10021 Jun 30 j 04:11	0°♉	
evening rise	-10021 Jul 06 j 09:22	10°♉00'46	
desc. node	-10021 Jul 15 j 23:42	24°♉49'26	
	-10021 Jul 19 j 10:59	0°♊	
evening max el	-10021 Aug 07 j 00:38	24°♊33'47	21°42'46
retrograde	-10021 Aug 15 j 22:59	29°♊50'42	
evening set	-10021 Aug 20 j 06:28	28°♊08'24	
inferior conj	-10021 Aug 25 j 13:21	21°♊57'21	-0°15'43
minimum elong	-10021 Aug 25 j 13:41	21°♊56'12	0°15'02
transit middle	-10021 Aug 25 j 13:41	21°♊56'12	0°15'02
transit begin	-10021 Aug 25 j 12:36	21°♊59'55	
transit end	-10021 Aug 25 j 14:45	21°♊52'29	
min. Earth dist.	-10021 Aug 25 j 20:11	21°♊33'46	0.67120 AU
asc. node	-10021 Aug 26 j 08:47	20°♊50'31	
morning rise	-10021 Aug 30 j 20:45	15°♊38'11	
direct	-10021 Sep 04 j 17:04	13°♊37'25	
morning max el	-10021 Sep 14 j 22:21	19°♊46'00	23°11'31
	-10021 Sep 23 j 13:00	0°♋	
desc. node	-10021 Oct 11 j 22:33	26°♋42'58	
	-10021 Oct 14 j 00:30	0°♌	
morning set	-10021 Oct 19 j 07:53	8°♌36'55	
max. Earth dist.	-10021 Oct 24 j 02:26	16°♌41'00	1.39913 AU
superior conj	-10021 Oct 31 j 16:47	0°♍12'53	-1°37'42
minimum elong	-10021 Oct 31 j 14:35	0°♍02'49	1°37'14
	-10021 Oct 31 j 13:59	0°♍	
evening rise	-10021 Nov 10 j 03:12	18°♍02'28	
	-10021 Nov 16 j 12:50	0°♎	
asc. node	-10021 Nov 22 j 07:23	9°♎18'20	
evening max el	-10021 Nov 26 j 09:16	14°♎10'22	18°29'38
retrograde	-10021 Dec 04 j 00:53	17°♎55'53	
evening set	-10021 Dec 06 j 13:07	17°♎32'58	
inferior conj	-10021 Dec 14 j 01:06	12°♎58'15	4°15'46
minimum elong	-10021 Dec 14 j 00:46	12°♎58'53	4°15'41
min. Earth dist.	-10021 Dec 17 j 07:15	10°♎23'33	0.59089 AU
morning rise	-10021 Dec 21 j 10:40	7°♎40'16	
direct	-10021 Dec 27 j 19:09	5°♎57'35	
desc. node	-10020 Jan 07 j 23:53	10°♎46'07	
morning max el	-10020 Jan 10 j 21:07	13°♎19'10	26°30'11
	-10020 Jan 24 j 03:23	0°♏	
morning set	-10020 Feb 09 j 07:20	29°♏25'14	
	-10020 Feb 09 j 13:59	0°♐	
superior conj	-10020 Feb 16 j 07:22	14°♐29'38	-0°18'45
minimum elong	-10020 Feb 16 j 08:10	14°♐33'59	0°19'07
max. Earth dist.	-10020 Feb 16 j 10:50	14°♐48'34	1.32790 AU
asc. node	-10020 Feb 18 j 05:25	18°♐40'50	
evening rise	-10020 Feb 23 j 09:34	29°♐43'13	
	-10020 Feb 23 j 12:48	0°♑	
	-10020 Mar 11 j 06:08	0°♒	
evening max el	-10020 Mar 23 j 23:02	15°♒45'20	26°32'34
desc. node	-10020 Apr 04 j 23:46	22°♒56'59	
retrograde	-10020 Apr 07 j 01:51	23°♒07'58	
evening set	-10020 Apr 13 j 05:58	21°♒30'08	
min. Earth dist.	-10020 Apr 17 j 12:19	18°♒41'41	0.59633 AU
inferior conj	-10020 Apr 20 j 20:53	15°♒59'48	-3°17'41
minimum elong	-10020 Apr 20 j 18:05	16°♒05'28	3°17'45
morning rise	-10020 Apr 28 j 08:47	11°♒21'57	
direct	-10020 Apr 30 j 19:48	10°♒59'34	
morning max el	-10020 May 08 j 06:44	14°♒35'57	18°19'56
asc. node	-10020 May 16 j 05:11	25°♒18'38	
	-10020 May 18 j 22:11	0°♓	
morning set	-10020 May 24 j 09:05	10°♓06'42	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-10020 Jun 03 j 00:25	28°♓07'25	1°48'54	
minimum elong	-10020 Jun 02 j 23:23	28°♓02'43	1°48'48	
	-10020 Jun 04 j 01:16	0°♈		
max. Earth dist.	-10020 Jun 10 j 09:25	11°♈09'25	1.40529 AU	
evening rise	-10020 Jun 15 j 08:29	19°♈29'43		
	-10020 Jun 21 j 21:25	0°♉		
desc. node	-10020 Jul 01 j 21:03	15°♉04'43		
	-10020 Jul 12 j 18:17	0°♊		
evening max el	-10020 Jul 19 j 15:00	7°♊54'51	23°02'50	
retrograde	-10020 Jul 29 j 16:20	13°♊52'35		
evening set	-10020 Aug 03 j 14:04	11°♊48'59		
inferior conj	-10020 Aug 08 j 19:38	5°♊34'20	-1°05'07	
minimum elong	-10020 Aug 08 j 20:59	5°♊29'41	1°04'07	
min. Earth dist.	-10020 Aug 08 j 16:01	5°♊46'49	0.67256 AU	
asc. node	-10020 Aug 12 j 05:46	1°♊09'57		
	-10020 Aug 13 j 08:59	30°℞♉		
morning rise	-10020 Aug 14 j 03:48	29°♉19'13		
direct	-10020 Aug 18 j 10:56	27°♉37'32		
	-10020 Aug 24 j 03:27	0°♊		
morning max el	-10020 Aug 27 j 12:33	3°♊03'11	21°48'41	
	-10020 Sep 16 j 14:59	0°♋		
desc. node	-10020 Sep 27 j 19:26	17°♋12'24		
morning set	-10020 Sep 28 j 06:00	17°♋54'19		
max. Earth dist.	-10020 Oct 05 j 04:53	29°♋10'51	1.41819 AU	
	-10020 Oct 05 j 16:44	0°♌		
superior conj	-10020 Oct 12 j 14:49	11°♌46'27	-1°21'27	
minimum elong	-10020 Oct 12 j 10:31	11°♌27'45	1°20'36	
	-10020 Oct 22 j 18:29	0°♍		
evening rise	-10020 Oct 23 j 09:22	1°♍08'14		
asc. node	-10020 Nov 08 j 04:38	26°♍35'42		
evening max el	-10020 Nov 08 j 18:12	27°♍10'33	18°09'56	
	-10020 Nov 12 j 13:54	0°♎		
retrograde	-10020 Nov 15 j 17:15	0°♎44'16		
evening set	-10020 Nov 18 j 06:27	0°♎16'09		
	-10020 Nov 18 j 22:27	30°℞♍		
inferior conj	-10020 Nov 25 j 05:56	25°♍19'26	4°02'07	
minimum elong	-10020 Nov 25 j 03:10	25°♍25'47	4°01'52	
min. Earth dist.	-10020 Nov 28 j 06:51	22°♍33'13	0.60964 AU	
morning rise	-10020 Dec 01 j 22:39	19°♍43'18		
direct	-10020 Dec 08 j 21:33	17°♍26'49		
morning max el	-10020 Dec 22 j 20:48	24°♍55'06	27°20'32	
desc. node	-10020 Dec 24 j 20:37	26°♍56'04		
	-10020 Dec 27 j 14:31	0°♎		
	-10019 Jan 16 j 08:17	0°♏		
morning set	-10019 Jan 23 j 15:27	14°♏16'32		
max. Earth dist.	-10019 Jan 30 j 00:03	27°♏49'06	1.32826 AU	
superior conj	-10019 Jan 30 j 19:03	29°♏32'36	-0°41'03	
minimum elong	-10019 Jan 30 j 20:40	29°♏41'21	0°41'14	
	-10019 Jan 31 j 00:05	0°♐		
asc. node	-10019 Feb 04 j 02:34	8°♐55'19		
evening rise	-10019 Feb 06 j 19:38	14°♐41'28		
	-10019 Feb 14 j 14:13	0°♑		
evening max el	-10019 Mar 05 j 19:41	27°♑03'22	25°21'21	
	-10019 Mar 09 j 06:07	0°♒		
retrograde	-10019 Mar 19 j 20:45	4°♒12'23		
desc. node	-10019 Mar 22 j 20:55	3°♒50'55		
evening set	-10019 Mar 25 j 00:55	3°♒09'37		
min. Earth dist.	-10019 Mar 30 j 08:44	0°♒13'10	0.57734 AU	
	-10019 Mar 30 j 16:32	30°℞♑		
inferior conj	-10019 Apr 02 j 10:26	28°♑05'12	-2°28'52	
minimum elong	-10019 Apr 02 j 06:20	28°♑12'21	2°28'26	
morning rise	-10019 Apr 10 j 14:58	23°♑46'43		
direct	-10019 Apr 12 j 22:29	23°♑30'13		
morning max el	-10019 Apr 21 j 12:03	27°♑33'10	18°57'00	
	-10019 Apr 23 j 19:20	0°♒		

asc. node	-10019 May 03 j 02:04	14°♒24'36		
morning set	-10019 May 08 j 02:15	23°♒58'32		
	-10019 May 11 j 03:53	0°♓		
superior conj	-10019 May 16 j 19:00	10°♓55'47	1°39'58	
minimum elong	-10019 May 16 j 16:24	10°♓43'21	1°39'32	
max. Earth dist.	-10019 May 23 j 10:07	23°♓13'29	1.38643 AU	
evening rise	-10019 May 27 j 11:02	0°♈20'44		
	-10019 May 27 j 06:14	0°♈		
	-10019 Jun 15 j 04:58	0°♉		
desc. node	-10019 Jun 18 j 18:26	5°♉01'22		
evening max el	-10019 Jul 02 j 01:36	21°♉16'23	24°24'28	
retrograde	-10019 Jul 13 j 06:19	27°♉52'50		
evening set	-10019 Jul 18 j 19:02	25°♉29'02		
min. Earth dist.	-10019 Jul 23 j 10:39	20°♉02'49	0.67078 AU	
inferior conj	-10019 Jul 24 j 01:20	19°♉13'10	-1°50'44	
minimum elong	-10019 Jul 24 j 03:28	19°♉05'58	1°49'36	
morning rise	-10019 Jul 29 j 11:53	13°♉05'25		
asc. node	-10019 Jul 30 j 02:42	12°♉40'21		
direct	-10019 Aug 02 j 07:34	11°♉41'37		
morning max el	-10019 Aug 10 j 08:56	16°♉26'52	20°33'44	
	-10019 Aug 20 j 22:17	0°♊		
morning set	-10019 Sep 07 j 10:01	26°♊23'44		
	-10019 Sep 09 j 17:28	0°♋		
desc. node	-10019 Sep 14 j 16:22	7°♋49'19		
max. Earth dist.	-10019 Sep 17 j 14:05	12°♋28'29	1.43360 AU	
superior conj	-10019 Sep 23 j 10:39	22°♋02'31	-0°51'41	
minimum elong	-10019 Sep 23 j 06:03	21°♋43'28	0°50'36	
	-10019 Sep 28 j 04:35	0°♌		
evening rise	-10019 Oct 05 j 24:00	13°♌28'13		
	-10019 Oct 15 j 15:32	0°♍		
evening max el	-10019 Oct 23 j 06:45	10°♍25'48	18°09'36	
asc. node	-10019 Oct 26 j 01:53	12°♍44'38		
retrograde	-10019 Oct 29 j 22:12	13°♍58'21		
evening set	-10019 Nov 01 j 13:55	13°♍23'23		
inferior conj	-10019 Nov 08 j 02:20	8°♍06'28	3°30'03	
minimum elong	-10019 Nov 07 j 22:40	8°♍15'59	3°29'31	
min. Earth dist.	-10019 Nov 10 j 15:55	5°♍27'23	0.62724 AU	
morning rise	-10019 Nov 14 j 06:32	2°♍15'00		
	-10019 Nov 18 j 14:31	30°℞♌		
direct	-10019 Nov 21 j 08:16	29°♌36'43		
	-10019 Nov 24 j 04:28	0°♍		
morning max el	-10019 Dec 05 j 02:31	7°♍10'17	27°36'11	
desc. node	-10019 Dec 11 j 17:19	14°♍30'53		
	-10019 Dec 22 j 17:10	0°♎		
morning set	-10018 Jan 07 j 18:10	28°♎48'20		
	-10018 Jan 08 j 08:19	0°♏		
max. Earth dist.	-10018 Jan 13 j 09:20	10°♏32'22	1.33209 AU	
superior conj	-10018 Jan 15 j 05:08	14°♏27'41	-1°01'30	
minimum elong	-10018 Jan 15 j 07:17	14°♏39'15	1°01'32	
asc. node	-10018 Jan 21 j 23:46	29°♏02'00		
evening rise	-10018 Jan 22 j 06:54	29°♏39'33		
	-10018 Jan 22 j 10:48	0°♐		
	-10018 Feb 08 j 14:06	0°♑		
evening max el	-10018 Feb 15 j 12:47	7°♑56'49	23°52'14	
retrograde	-10018 Mar 01 j 03:46	14°♑40'54		
evening set	-10018 Mar 05 j 04:26	14°♑04'59		
desc. node	-10018 Mar 09 j 18:02	12°♑08'09		
min. Earth dist.	-10018 Mar 12 j 01:29	10°♑48'22	0.56242 AU	
inferior conj	-10018 Mar 14 j 04:07	9°♑30'46	-1°07'41	
minimum elong	-10018 Mar 14 j 01:26	9°♑34'53	1°07'27	
morning rise	-10018 Mar 23 j 01:17	5°♑26'16		
direct	-10018 Mar 25 j 06:40	5°♑13'25		
morning max el	-10018 Apr 04 j 08:52	9°♑58'06	19°53'55	
	-10018 Apr 17 j 22:07	0°♒		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-10018 Apr 19 j 22:58	3°♒56'19	
morning set	-10018 Apr 22 j 03:51	8°♒19'39	
superior conj	-10018 Apr 30 j 04:19	24°♒31'26	1°24'18
minimum elong	-10018 Apr 30 j 01:21	24°♒16'36	1°23'33
	-10018 May 02 j 23:07	0°♓	
max. Earth dist.	-10018 May 05 j 12:46	4°♓55'48	1.36860 AU
evening rise	-10018 May 09 j 14:14	12°♓27'34	
	-10018 May 19 j 20:00	0°♈	
desc. node	-10018 Jun 05 j 15:52	24°♈31'08	
	-10018 Jun 10 j 03:29	0°♉	
evening max el	-10018 Jun 14 j 11:17	4°♉39'50	25°39'50
retrograde	-10018 Jun 26 j 16:16	11°♉46'31	
evening set	-10018 Jul 02 j 19:18	9°♉06'50	
min. Earth dist.	-10018 Jul 07 j 01:48	4°♉19'08	0.66554 AU
inferior conj	-10018 Jul 08 j 04:41	2°♉52'04	-2°31'04
minimum elong	-10018 Jul 08 j 07:15	2°♉43'45	2°30'04
	-10018 Jul 10 j 11:55	30°℞♈	
morning rise	-10018 Jul 13 j 19:14	26°♈54'46	
asc. node	-10018 Jul 16 j 23:37	25°♈46'56	
direct	-10018 Jul 17 j 05:29	25°♈46'36	
morning max el	-10018 Jul 24 j 12:00	29°♈58'04	19°31'12
	-10018 Jul 24 j 12:44	0°♉	
	-10018 Aug 14 j 10:37	0°♊	
morning set	-10018 Aug 17 j 15:19	5°♊00'05	
max. Earth dist.	-10018 Aug 31 j 04:21	26°♊19'04	1.44331 AU
desc. node	-10018 Sep 01 j 13:26	28°♊30'30	
	-10018 Sep 02 j 11:54	0°♋	
superior conj	-10018 Sep 03 j 03:25	1°♋01'53	-0°09'36
minimum elong	-10018 Sep 03 j 02:20	0°♋57'34	0°08'53
behind sun begin	-10018 Sep 02 j 16:54	0°♋19'56	
behind sun end	-10018 Sep 03 j 11:46	1°♋35'15	
evening rise	-10018 Sep 17 j 17:49	24°♋50'08	
	-10018 Sep 20 j 20:18	0°♌	
evening max el	-10018 Oct 06 j 20:06	23°♌50'34	18°27'41
asc. node	-10018 Oct 12 j 23:07	27°♌29'18	
retrograde	-10018 Oct 13 j 11:34	27°♌30'46	
evening set	-10018 Oct 16 j 07:55	26°♌46'33	
inferior conj	-10018 Oct 22 j 10:50	21°♌12'21	2°47'01
minimum elong	-10018 Oct 22 j 07:22	21°♌22'17	2°46'24
min. Earth dist.	-10018 Oct 24 j 11:14	18°♌53'47	0.64238 AU
morning rise	-10018 Oct 28 j 06:10	15°♌08'42	
direct	-10018 Nov 04 j 02:19	12°♌22'28	
morning max el	-10018 Nov 17 j 11:44	19°♌56'35	27°17'33
	-10018 Nov 26 j 05:53	0°♍	
desc. node	-10018 Nov 28 j 14:01	3°♍06'11	
	-10018 Dec 15 j 15:55	0°♎	
morning set	-10018 Dec 22 j 12:42	12°♎51'17	
max. Earth dist.	-10018 Dec 27 j 10:47	22°♎46'23	1.33990 AU
superior conj	-10018 Dec 30 j 11:47	29°♎08'40	-1°19'08
minimum elong	-10018 Dec 30 j 14:05	29°♎20'48	1°19'06
	-10018 Dec 30 j 21:29	0°♏	
evening rise	-10017 Jan 06 j 17:45	14°♏31'37	
asc. node	-10017 Jan 08 j 21:01	18°♏55'56	
	-10017 Jan 14 j 15:34	0°♐	
evening max el	-10017 Jan 28 j 07:34	18°♐49'48	22°18'34
retrograde	-10017 Feb 09 j 23:11	24°♐53'28	
evening set	-10017 Feb 13 j 01:59	24°♐32'05	
min. Earth dist.	-10017 Feb 21 j 16:43	20°♐42'34	0.55461 AU
inferior conj	-10017 Feb 22 j 06:04	20°♐23'28	0°37'18
minimum elong	-10017 Feb 22 j 07:41	20°♐21'09	0°36'12
desc. node	-10017 Feb 24 j 15:03	19°♐03'29	
morning rise	-10017 Mar 03 j 14:18	16°♐20'17	
direct	-10017 Mar 06 j 00:31	16°♐06'42	
morning max el	-10017 Mar 17 j 18:55	21°♐43'16	21°09'43
	-10017 Mar 24 j 16:28	0°♑	
morning set	-10017 Apr 06 j 11:10	23°♑02'14	
asc. node	-10017 Apr 06 j 19:54	23°♑47'10	
	-10017 Apr 09 j 19:42	0°♒	
superior conj	-10017 Apr 14 j 00:09	8°♒41'53	1°04'21
minimum elong	-10017 Apr 13 j 21:34	8°♒28'34	1°03'27
max. Earth dist.	-10017 Apr 17 j 23:28	16°♒45'13	1.35358 AU
evening rise	-10017 Apr 22 j 12:28	25°♒34'37	
	-10017 Apr 24 j 21:23	0°♓	
	-10017 May 13 j 06:20	0°♈	
desc. node	-10017 May 23 j 13:18	13°♈22'21	
evening max el	-10017 May 27 j 21:49	18°♈01'58	26°40'14
retrograde	-10017 Jun 09 j 21:24	25°♈26'32	
evening set	-10017 Jun 16 j 12:29	22°♈39'02	
min. Earth dist.	-10017 Jun 20 j 11:12	18°♈30'15	0.65658 AU
inferior conj	-10017 Jun 22 j 03:35	16°♈27'44	-3°04'21
minimum elong	-10017 Jun 22 j 06:07	16°♈20'02	3°03'43
morning rise	-10017 Jun 27 j 23:58	10°♈43'46	
direct	-10017 Jul 01 j 02:50	9°♈48'47	
asc. node	-10017 Jul 03 j 20:29	10°♈29'20	
morning max el	-10017 Jul 07 j 20:40	13°♈34'28	18°43'52
	-10017 Jul 19 j 15:29	0°♉	
morning set	-10017 Jul 28 j 15:36	14°♉30'08	
	-10017 Aug 07 j 07:28	0°♊	
superior conj	-10017 Aug 13 j 03:49	9°♊16'33	0°37'15
minimum elong	-10017 Aug 13 j 08:20	9°♊34'21	0°37'14
max. Earth dist.	-10017 Aug 13 j 20:54	10°♊24'06	1.44620 AU
desc. node	-10017 Aug 19 j 10:36	19°♊12'15	
	-10017 Aug 26 j 06:08	0°♋	
evening rise	-10017 Aug 29 j 09:41	5°♋00'27	
	-10017 Sep 14 j 11:17	0°♌	
evening max el	-10017 Sep 20 j 07:27	7°♌19'12	19°03'08
retrograde	-10017 Sep 27 j 05:49	11°♌15'27	
asc. node	-10017 Sep 29 j 20:18	10°♌36'30	
evening set	-10017 Sep 30 j 09:09	10°♌18'54	
inferior conj	-10017 Oct 06 j 04:12	4°♌30'27	1°57'57
minimum elong	-10017 Oct 06 j 01:34	4°♌38'37	1°57'31
min. Earth dist.	-10017 Oct 07 j 15:41	2°♌40'23	0.65445 AU
	-10017 Oct 09 j 23:12	30°℞♋	
morning rise	-10017 Oct 11 j 17:33	28°♋18'02	
direct	-10017 Oct 18 j 02:40	25°♋36'05	
	-10017 Oct 27 j 14:16	0°♌	
morning max el	-10017 Oct 30 j 21:43	3°♌01'08	26°29'57
desc. node	-10017 Nov 15 j 10:43	22°♌23'58	
	-10017 Nov 20 j 12:21	0°♍	
morning set	-10017 Dec 05 j 19:21	26°♍13'42	
	-10017 Dec 07 j 18:51	0°♎	
max. Earth dist.	-10017 Dec 10 j 01:34	4°♎27'03	1.35204 AU
superior conj	-10017 Dec 14 j 12:45	13°♎28'04	-1°32'48
minimum elong	-10017 Dec 14 j 14:40	13°♎37'55	1°32'44
evening rise	-10017 Dec 22 j 02:28	29°♎12'00	
	-10017 Dec 22 j 11:48	0°♏	
asc. node	-10017 Dec 26 j 18:18	8°♏31'25	
	-10016 Jan 10 j 07:26	0°♐	
evening max el	-10016 Jan 10 j 09:16	0°♐04'19	20°52'20
retrograde	-10016 Jan 21 j 13:07	5°♐19'09	
evening set	-10016 Jan 24 j 05:13	5°♐02'19	
inferior conj	-10016 Feb 02 j 03:05	1°♐04'04	2°21'01
minimum elong	-10016 Feb 02 j 08:24	0°♐56'21	2°19'04
min. Earth dist.	-10016 Feb 03 j 06:50	0°♐23'53	0.55559 AU
	-10016 Feb 03 j 23:31	30°℞♏	
morning rise	-10016 Feb 11 j 10:22	26°♏46'48	
desc. node	-10016 Feb 11 j 11:58	26°♏45'53	
direct	-10016 Feb 14 j 15:20	26°♏24'11	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10016 Feb 24 j 09:30	0°♐		
morning max el	-10016 Feb 27 j 18:00	2°♐49'09	22°40'41	
	-10016 Mar 16 j 23:25	0°♑		
morning set	-10016 Mar 20 j 22:01	7°♑59'29		
asc. node	-10016 Mar 23 j 16:54	13°♑51'44		
superior conj	-10016 Mar 28 j 03:18	23°♑17'31	0°41'57	
minimum elong	-10016 Mar 28 j 01:32	23°♑08'08	0°41'05	
max. Earth dist.	-10016 Mar 30 j 20:42	29°♑00'29	1.34200 AU	
	-10016 Mar 31 j 08:11	0°♒		
evening rise	-10016 Apr 05 j 00:30	9°♒26'13		
	-10016 Apr 16 j 08:18	0°♓		
	-10016 May 08 j 03:01	0°♈		
desc. node	-10016 May 09 j 10:40	1°♈19'08		
evening max el	-10016 May 09 j 08:52	1°♈14'44	27°17'35	
retrograde	-10016 May 22 j 21:03	8°♈46'04		
evening set	-10016 May 29 j 19:44	6°♈01'58		
min. Earth dist.	-10016 Jun 02 j 12:49	2°♈29'11	0.64374 AU	
inferior conj	-10016 Jun 04 j 19:41	29°♓56'52	-3°28'13	
minimum elong	-10016 Jun 04 j 21:34	29°♓51'37	3°28'04	
	-10016 Jun 04 j 18:33	30°℞♓		
morning rise	-10016 Jun 10 j 23:57	24°♓28'55		
direct	-10016 Jun 13 j 21:12	23°♓44'57		
asc. node	-10016 Jun 19 j 17:20	26°♓35'38		
morning max el	-10016 Jun 20 j 09:12	27°♓13'51	18°13'31	
	-10016 Jun 22 j 19:45	0°♈		
morning set	-10016 Jul 08 j 17:33	25°♈12'23		
	-10016 Jul 11 j 13:56	0°♉		
superior conj	-10016 Jul 22 j 09:52	17°♉49'32	1°16'46	
minimum elong	-10016 Jul 22 j 16:24	18°♉15'54	1°16'31	
max. Earth dist.	-10016 Jul 26 j 13:14	24°♉27'53	1.44203 AU	
	-10016 Jul 30 j 01:00	0°♊		
desc. node	-10016 Aug 05 j 07:49	9°♊51'35		
evening rise	-10016 Aug 07 j 23:48	14°♊00'40		
	-10016 Aug 18 j 08:58	0°♋		
greatest brilliancy	-10016 Aug 20 j 13:31	3°♋18'26	-0.7m	
evening max el	-10016 Sep 02 j 14:19	20°♋47'50	19°54'33	
retrograde	-10016 Sep 10 j 02:18	25°♋08'48		
evening set	-10016 Sep 13 j 14:57	23°♋56'35		
asc. node	-10016 Sep 15 j 17:26	22°♋07'05		
inferior conj	-10016 Sep 19 j 03:50	17°♋56'55	1°06'06	
minimum elong	-10016 Sep 19 j 02:19	18°♋01'53	1°06'04	
min. Earth dist.	-10016 Sep 20 j 03:27	16°♋39'18	0.66334 AU	
morning rise	-10016 Sep 24 j 13:26	11°♋39'11		
direct	-10016 Sep 30 j 08:37	9°♋10'10		
morning max el	-10016 Oct 12 j 07:18	16°♋13'59	25°21'12	
	-10016 Oct 23 j 18:50	0°♌		
desc. node	-10016 Nov 01 j 07:27	12°♌11'55		
	-10016 Nov 12 j 10:01	0°♍		
morning set	-10016 Nov 17 j 09:25	8°♍42'02		
max. Earth dist.	-10016 Nov 21 j 06:03	15°♍46'57	1.36838 AU	
superior conj	-10016 Nov 27 j 05:09	27°♍17'08	-1°40'59	
minimum elong	-10016 Nov 27 j 06:01	27°♍21'26	1°40'52	
	-10016 Nov 28 j 13:52	0°♎		
evening rise	-10016 Dec 05 j 07:08	13°♎35'02		
asc. node	-10016 Dec 12 j 15:36	27°♎41'20		
	-10016 Dec 13 j 23:46	0°♏		
evening max el	-10016 Dec 22 j 20:43	11°♏51'21	19°41'29	
retrograde	-10015 Jan 01 j 10:17	16°♏22'00		
evening set	-10015 Jan 03 j 23:08	16°♏04'27		
inferior conj	-10015 Jan 12 j 08:34	11°♏59'02	3°36'05	
minimum elong	-10015 Jan 12 j 13:32	11°♏51'05	3°34'51	
min. Earth dist.	-10015 Jan 14 j 20:17	10°♏24'10	0.56496 AU	
morning rise	-10015 Jan 21 j 01:51	7°♏17'49		
direct	-10015 Jan 25 j 13:13	6°♏32'55		
desc. node	-10015 Jan 28 j 08:50	6°♏51'10		
morning max el	-10015 Feb 08 j 09:50	13°♏30'47	24°18'04	
	-10015 Feb 21 j 03:28	0°♐		
morning set	-10015 Mar 05 j 10:23	23°♐03'43		
	-10015 Mar 08 j 16:37	0°♑		
asc. node	-10015 Mar 10 j 13:56	4°♑04'32		
superior conj	-10015 Mar 12 j 11:14	8°♑09'12	0°18'24	
minimum elong	-10015 Mar 12 j 10:28	8°♑05'03	0°17'40	
max. Earth dist.	-10015 Mar 14 j 02:46	11°♑41'35	1.33390 AU	
evening rise	-10015 Mar 19 j 22:11	23°♑48'15		
	-10015 Mar 23 j 01:27	0°♒		
	-10015 Apr 10 j 00:54	0°♓		
evening max el	-10015 Apr 21 j 18:11	14°♓04'21	27°25'39	
desc. node	-10015 Apr 26 j 07:59	17°♓58'01		
retrograde	-10015 May 05 j 14:22	21°♓35'48		
evening set	-10015 May 12 j 13:41	19°♓08'14		
min. Earth dist.	-10015 May 16 j 05:12	16°♓03'33	0.62718 AU	
inferior conj	-10015 May 19 j 02:03	13°♓12'36	-3°39'15	
minimum elong	-10015 May 19 j 02:32	13°♓11'24	3°39'29	
morning rise	-10015 May 25 j 16:32	8°♓03'14		
direct	-10015 May 28 j 09:27	7°♓28'38		
morning max el	-10015 Jun 03 j 23:13	10°♓50'51	18°01'13	
asc. node	-10015 Jun 06 j 14:10	13°♓49'13		
	-10015 Jun 16 j 19:29	0°♈		
morning set	-10015 Jun 20 j 19:06	7°♈01'33		
superior conj	-10015 Jul 02 j 15:03	27°♈31'07	1°41'02	
minimum elong	-10015 Jul 02 j 19:06	27°♈48'08	1°41'02	
	-10015 Jul 04 j 02:37	0°♉		
max. Earth dist.	-10015 Jul 09 j 02:10	8°♉11'45	1.43134 AU	
evening rise	-10015 Jul 18 j 00:36	22°♉24'21		
	-10015 Jul 22 j 22:34	0°♊		
desc. node	-10015 Jul 23 j 05:06	0°♊24'59		
	-10015 Aug 12 j 21:16	0°♋		
evening max el	-10015 Aug 16 j 14:46	4°♋13'21	20°59'59	
retrograde	-10015 Aug 24 j 22:55	9°♋07'52		
evening set	-10015 Aug 28 j 23:01	7°♋37'01		
asc. node	-10015 Sep 02 j 14:29	2°♋26'58		
inferior conj	-10015 Sep 03 j 07:32	1°♋29'06	0°13'50	
minimum elong	-10015 Sep 03 j 07:13	1°♋30'13	0°14'16	
transit middle	-10015 Sep 03 j 07:13	1°♋30'13	0°14'16	
transit begin	-10015 Sep 03 j 05:52	1°♋34'47		
transit end	-10015 Sep 03 j 08:33	1°♋25'38		
min. Earth dist.	-10015 Sep 03 j 20:15	0°♋45'44	0.66916 AU	
	-10015 Sep 04 j 09:46	30°℞♊		
morning rise	-10015 Sep 08 j 15:16	25°♊09'34		
direct	-10015 Sep 13 j 19:42	22°♊58'09		
morning max el	-10015 Sep 24 j 17:01	29°♊29'22	24°00'14	
	-10015 Sep 25 j 04:58	0°♋		
	-10015 Oct 17 j 15:30	0°♌		
desc. node	-10015 Oct 19 j 04:14	2°♌21'11		
morning set	-10015 Oct 30 j 01:24	20°♌02'06		
max. Earth dist.	-10015 Nov 03 j 04:44	27°♌14'11	1.38761 AU	
	-10015 Nov 04 j 17:51	0°♍		
superior conj	-10015 Nov 10 j 09:10	10°♍24'55	-1°41'39	
minimum elong	-10015 Nov 10 j 08:15	10°♍20'36	1°41'23	
evening rise	-10015 Nov 19 j 05:31	27°♍34'38		
	-10015 Nov 20 j 11:20	0°♎		
asc. node	-10015 Nov 29 j 12:53	16°♎17'09		
evening max el	-10015 Dec 05 j 18:06	24°♎12'06	18°49'59	
retrograde	-10015 Dec 13 j 23:57	28°♎10'38		
evening set	-10015 Dec 16 j 11:56	27°♎50'10		
inferior conj	-10015 Dec 24 j 07:34	23°♎27'14	4°11'33	
minimum elong	-10015 Dec 24 j 09:15	23°♎24'09	4°11'16	
min. Earth dist.	-10015 Dec 27 j 11:19	21°♎09'08	0.58042 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-10014 Jan 01 j 04:31	18°♎21'14	
direct	-10014 Jan 06 j 22:45	17°♎01'12	
desc. node	-10014 Jan 15 j 05:37	19°♎40'11	
morning max el	-10014 Jan 21 j 01:13	24°♎17'01	25°47'51
	-10014 Jan 26 j 07:00	0°♏	
	-10014 Feb 13 j 22:40	0°♐	
morning set	-10014 Feb 17 j 22:33	8°♐08'31	
superior conj	-10014 Feb 24 j 21:59	23°♐10'24	-0°05'21
minimum elong	-10014 Feb 24 j 22:14	23°♐11'46	0°05'51
behind sun begin	-10014 Feb 24 j 17:33	22°♐46'13	
behind sun end	-10014 Feb 25 j 02:55	23°♐37'18	
asc. node	-10014 Feb 25 j 11:01	24°♐21'22	
max. Earth dist.	-10014 Feb 25 j 14:22	24°♐39'39	1.32915 AU
	-10014 Feb 28 j 01:34	0°♑	
evening rise	-10014 Mar 04 j 02:28	8°♑30'39	
	-10014 Mar 15 j 12:14	0°♒	
evening max el	-10014 Apr 03 j 23:21	26°♒19'49	27°01'03
	-10014 Apr 08 j 07:01	0°♓	
desc. node	-10014 Apr 13 j 05:15	2°♓48'31	
retrograde	-10014 Apr 18 j 00:37	3°♓47'35	
evening set	-10014 Apr 24 j 14:53	1°♓48'57	
	-10014 Apr 27 j 06:14	30°♑℞	
min. Earth dist.	-10014 Apr 28 j 12:24	28°♒59'12	0.60787 AU
inferior conj	-10014 May 01 j 19:16	26°♒07'23	-3°32'23
minimum elong	-10014 May 01 j 17:42	26°♒10'49	3°32'38
morning rise	-10014 May 08 j 22:37	21°♒18'14	
direct	-10014 May 11 j 11:44	20°♒51'48	
morning max el	-10014 May 18 j 12:07	24°♒19'05	18°07'39
	-10014 May 23 j 04:02	0°♓	
asc. node	-10014 May 24 j 10:59	1°♓55'27	
morning set	-10014 Jun 03 j 15:34	19°♓46'30	
	-10014 Jun 09 j 04:55	0°♈	
superior conj	-10014 Jun 13 j 23:28	8°♈34'06	1°49'44
minimum elong	-10014 Jun 13 j 24:00	8°♈36'25	1°49'45
max. Earth dist.	-10014 Jun 21 j 09:07	21°♈18'13	1.41562 AU
	-10014 Jun 26 j 16:02	0°♉	
evening rise	-10014 Jun 27 j 10:21	1°♉13'46	
desc. node	-10014 Jul 10 j 02:26	20°♉48'23	
	-10014 Jul 16 j 10:27	0°♊	
evening max el	-10014 Jul 30 j 08:19	17°♊35'01	22°16'08
retrograde	-10014 Aug 08 j 17:56	23°♊09'39	
evening set	-10014 Aug 13 j 07:20	21°♊18'10	
inferior conj	-10014 Aug 18 j 13:23	15°♊05'00	-0°37'05
minimum elong	-10014 Aug 18 j 14:11	15°♊02'16	0°36'14
min. Earth dist.	-10014 Aug 18 j 15:44	14°♊56'52	0.67210 AU
asc. node	-10014 Aug 20 j 11:30	12°♊28'41	
morning rise	-10014 Aug 23 j 20:55	8°♊47'06	
direct	-10014 Aug 28 j 11:19	6°♊54'46	
morning max el	-10014 Sep 07 j 04:52	12°♊45'34	22°35'43
	-10014 Sep 20 j 20:25	0°♋	
desc. node	-10014 Oct 06 j 01:02	22°♋44'39	
morning set	-10014 Oct 10 j 14:44	0°♌03'12	
	-10014 Oct 10 j 13:57	0°♌	
max. Earth dist.	-10014 Oct 16 j 04:01	9°♌15'33	1.40750 AU
superior conj	-10014 Oct 23 j 19:46	22°♌36'52	-1°32'21
minimum elong	-10014 Oct 23 j 16:36	22°♌22'39	1°31'45
	-10014 Oct 27 j 21:00	0°♍	
evening rise	-10014 Nov 02 j 18:39	11°♍02'21	
	-10014 Nov 13 j 11:42	0°♎	
asc. node	-10014 Nov 16 j 10:11	4°♎07'01	
evening max el	-10014 Nov 18 j 23:34	6°♎59'57	18°18'48
retrograde	-10014 Nov 26 j 07:11	10°♎39'20	
evening set	-10014 Nov 28 j 19:30	10°♎14'31	
inferior conj	-10014 Dec 06 j 02:02	5°♎30'30	4°12'46
minimum elong	-10014 Dec 06 j 00:29	5°♎33'48	4°12'41
min. Earth dist.	-10014 Dec 09 j 07:07	2°♎48'04	0.59886 AU
morning rise	-10014 Dec 13 j 03:51	0°♎03'59	
	-10014 Dec 13 j 06:37	30°♑℞	
direct	-10014 Dec 19 j 19:50	28°♍05'44	
	-10014 Dec 26 j 15:13	0°♎	
desc. node	-10013 Jan 02 j 02:21	4°♎46'32	
morning max el	-10013 Jan 02 j 21:20	5°♎31'15	26°55'33
	-10013 Jan 21 j 02:52	0°♏	
morning set	-10013 Feb 02 j 08:41	23°♏06'32	
	-10013 Feb 05 j 14:48	0°♐	
superior conj	-10013 Feb 09 j 09:48	8°♐14'17	-0°28'23
minimum elong	-10013 Feb 09 j 10:58	8°♐20'39	0°28'41
max. Earth dist.	-10013 Feb 09 j 03:53	7°♐42'00	1.32761 AU
asc. node	-10013 Feb 12 j 08:09	14°♐37'43	
evening rise	-10013 Feb 16 j 10:58	23°♐24'46	
	-10013 Feb 19 j 16:27	0°♑	
	-10013 Mar 09 j 21:32	0°♒	
evening max el	-10013 Mar 16 j 23:00	7°♒57'11	26°05'11
retrograde	-10013 Mar 31 j 02:10	15°♒16'01	
desc. node	-10013 Mar 31 j 02:27	15°♒16'01	
evening set	-10013 Apr 05 j 20:51	13°♒53'28	
min. Earth dist.	-10013 Apr 10 j 12:14	11°♒03'07	0.58787 AU
inferior conj	-10013 Apr 13 j 19:45	8°♒32'52	-3°00'52
minimum elong	-10013 Apr 13 j 16:12	8°♒39'39	3°00'42
morning rise	-10013 Apr 21 j 14:34	4°♒03'51	
direct	-10013 Apr 23 j 23:54	3°♒44'18	
morning max el	-10013 May 01 j 21:05	7°♒30'22	18°33'22
asc. node	-10013 May 11 j 07:50	20°♒42'21	
	-10013 May 16 j 09:13	0°♓	
morning set	-10013 May 18 j 02:20	3°♓16'36	
superior conj	-10013 May 27 j 07:12	20°♓48'15	1°46'09
minimum elong	-10013 May 27 j 05:20	20°♓39'33	1°45'54
	-10013 Jun 01 j 08:28	0°♈	
max. Earth dist.	-10013 Jun 03 j 10:38	3°♈41'13	1.39717 AU
evening rise	-10013 Jun 07 j 20:58	11°♈16'54	
	-10013 Jun 19 j 13:44	0°♉	
desc. node	-10013 Jun 26 j 23:50	10°♉56'50	
	-10013 Jul 11 j 22:51	0°♊	
evening max el	-10013 Jul 12 j 20:40	0°♊55'59	23°37'52
retrograde	-10013 Jul 23 j 10:09	7°♊11'34	
evening set	-10013 Jul 28 j 14:04	4°♊59'14	
	-10013 Aug 01 j 21:20	30°♉℞	
inferior conj	-10013 Aug 02 j 19:40	28°♉43'34	-1°25'02
minimum elong	-10013 Aug 02 j 21:23	28°♉37'42	1°23'56
min. Earth dist.	-10013 Aug 02 j 11:28	29°♉11'43	0.67212 AU
asc. node	-10013 Aug 07 j 08:27	23°♉13'45	
morning rise	-10013 Aug 08 j 04:37	22°♉30'57	
direct	-10013 Aug 12 j 06:36	20°♉57'05	
morning max el	-10013 Aug 20 j 21:31	26°♉05'32	21°15'31
	-10013 Aug 24 j 08:33	0°♊	
	-10013 Sep 14 j 09:16	0°♋	
morning set	-10013 Sep 20 j 03:23	8°♋55'11	
desc. node	-10013 Sep 22 j 21:58	13°♋18'02	
max. Earth dist.	-10013 Sep 28 j 08:49	22°♋05'03	1.42533 AU
	-10013 Oct 03 j 03:28	0°♌	
superior conj	-10013 Oct 05 j 07:17	3°♌39'11	-1°10'31
minimum elong	-10013 Oct 05 j 02:30	3°♌18'48	1°09'31
evening rise	-10013 Oct 16 j 18:50	23°♌50'06	
	-10013 Oct 20 j 05:18	0°♍	
evening max el	-10013 Nov 02 j 10:27	20°♍07'47	18°07'28
asc. node	-10013 Nov 03 j 07:27	20°♍57'27	
retrograde	-10013 Nov 09 j 05:15	23°♍39'33	
evening set	-10013 Nov 11 j 19:17	23°♍08'50	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-10013 Nov 18 j 13:56	18°♍03'33	3°50'11
minimum elong	-10013 Nov 18 j 10:37	18°♍11'35	3°49'49
min. Earth dist.	-10013 Nov 21 j 10:39	15°♍18'03	0.61746 AU
morning rise	-10013 Nov 25 j 00:50	12°♍20'33	
direct	-10013 Dec 02 j 02:23	9°♍52'41	
morning max el	-10013 Dec 15 j 23:40	17°♍23'53	27°31'19
desc. node	-10013 Dec 19 j 23:03	21°♍35'51	
	-10013 Dec 26 j 14:38	0°♎	
	-10012 Jan 13 j 16:21	0°♏	
morning set	-10012 Jan 17 j 14:47	7°♏50'15	
max. Earth dist.	-10012 Jan 23 j 15:41	20°♏35'31	1.32945 AU
superior conj	-10012 Jan 24 j 21:02	23°♏14'39	-0°50'01
minimum elong	-10012 Jan 24 j 22:55	23°♏24'50	0°50'08
	-10012 Jan 27 j 23:37	0°♐	
asc. node	-10012 Jan 30 j 05:20	4°♐49'20	
evening rise	-10012 Jan 31 j 21:45	8°♐23'29	
	-10012 Feb 12 j 07:00	0°♑	
evening max el	-10012 Feb 26 j 17:49	19°♑02'37	24°44'53
retrograde	-10012 Mar 11 j 16:17	26°♑02'38	
evening set	-10012 Mar 16 j 08:19	25°♑13'02	
desc. node	-10012 Mar 16 j 23:35	24°♑58'58	
min. Earth dist.	-10012 Mar 22 j 07:06	22°♑09'08	0.57024 AU
inferior conj	-10012 Mar 25 j 00:46	20°♑21'20	-1°58'13
minimum elong	-10012 Mar 24 j 20:52	20°♑27'47	1°57'44
morning rise	-10012 Apr 02 j 12:35	16°♑09'29	
direct	-10012 Apr 04 j 18:41	15°♑54'56	
morning max el	-10012 Apr 13 j 23:05	20°♑14'31	19°18'50
	-10012 Apr 21 j 12:46	0°♒	
asc. node	-10012 Apr 27 j 04:42	9°♒59'54	
morning set	-10012 Apr 30 j 23:27	17°♒21'30	
	-10012 May 07 j 08:02	0°♓	
superior conj	-10012 May 09 j 08:36	3°♓57'42	1°33'59
minimum elong	-10012 May 09 j 05:42	3°♓43'40	1°33'24
max. Earth dist.	-10012 May 15 j 11:14	15°♓31'55	1.37855 AU
evening rise	-10012 May 19 j 10:38	22°♓41'43	
	-10012 May 23 j 16:09	0°♈	
	-10012 Jun 12 j 08:30	0°♉	
desc. node	-10012 Jun 12 j 21:17	0°♉43'03	
evening max el	-10012 Jun 24 j 06:41	14°♉18'36	24°57'58
retrograde	-10012 Jul 05 j 22:24	21°♉09'03	
evening set	-10012 Jul 11 j 17:17	18°♉38'06	
min. Earth dist.	-10012 Jul 16 j 04:59	13°♉27'50	0.66894 AU
inferior conj	-10012 Jul 17 j 00:36	12°♉22'32	-2°08'35
minimum elong	-10012 Jul 17 j 02:58	12°♉14'40	2°07'29
morning rise	-10012 Jul 22 j 12:37	6°♉18'37	
asc. node	-10012 Jul 24 j 05:22	5°♉23'20	
direct	-10012 Jul 26 j 04:06	5°♉01'33	
morning max el	-10012 Aug 02 j 20:37	9°♉31'30	20°05'25
	-10012 Aug 17 j 22:27	0°♊	
morning set	-10012 Aug 29 j 05:15	17°♊19'46	
	-10012 Sep 06 j 07:16	0°♋	
desc. node	-10012 Sep 08 j 19:00	3°♋57'09	
max. Earth dist.	-10012 Sep 09 j 20:19	5°♋38'08	1.43855 AU
superior conj	-10012 Sep 14 j 15:16	13°♋21'30	-0°35'05
minimum elong	-10012 Sep 14 j 11:39	13°♋06'48	0°34'03
	-10012 Sep 24 j 15:47	0°♌	
evening rise	-10012 Sep 28 j 01:15	5°♌46'44	
	-10012 Oct 13 j 00:57	0°♍	
evening max el	-10012 Oct 15 j 23:47	3°♍28'19	18°15'07
asc. node	-10012 Oct 20 j 04:41	6°♍32'48	
retrograde	-10012 Oct 22 j 14:10	7°♍02'39	
evening set	-10012 Oct 25 j 07:42	6°♍23'57	
inferior conj	-10012 Oct 31 j 15:53	0°♍59'20	3°12'47
minimum elong	-10012 Oct 31 j 12:12	1°♍09'21	3°12'11

	-10012 Nov 01 j 13:40	30°℞♌	
min. Earth dist.	-10012 Nov 02 j 23:55	28°♌27'54	0.63411 AU
morning rise	-10012 Nov 06 j 15:57	25°♌02'38	
direct	-10012 Nov 13 j 16:21	22°♌19'19	
	-10012 Nov 27 j 09:49	0°♍	
morning max el	-10012 Nov 27 j 07:00	29°♌53'06	27°32'09
desc. node	-10012 Dec 05 j 19:46	9°♍39'09	
	-10012 Dec 19 j 12:05	0°♎	
morning set	-10012 Dec 31 j 14:27	22°♎11'25	
	-10011 Jan 04 j 10:16	0°♏	
max. Earth dist.	-10011 Jan 05 j 22:09	3°♏08'13	1.33495 AU
superior conj	-10011 Jan 08 j 05:58	8°♏05'17	-1°09'23
minimum elong	-10011 Jan 08 j 08:14	8°♏17'24	1°09'22
evening rise	-10011 Jan 15 j 09:06	23°♏20'35	
asc. node	-10011 Jan 16 j 02:34	24°♏51'45	
	-10011 Jan 18 j 14:59	0°♐	
evening max el	-10011 Feb 07 j 11:10	29°♐54'04	23°12'08
	-10011 Feb 07 j 13:42	0°♑	
retrograde	-10011 Feb 20 j 17:34	6°♑21'52	
evening set	-10011 Feb 24 j 07:56	5°♑53'34	
desc. node	-10011 Mar 03 j 20:38	2°♑28'28	
min. Earth dist.	-10011 Mar 03 j 23:00	2°♑25'00	0.55814 AU
inferior conj	-10011 Mar 05 j 10:58	1°♑32'03	-0°24'55
minimum elong	-10011 Mar 05 j 09:53	1°♑33'39	0°25'09
	-10011 Mar 08 j 03:13	30°℞♐	
morning rise	-10011 Mar 14 j 13:55	27°♐29'52	
direct	-10011 Mar 16 j 20:20	27°♐17'15	
	-10011 Mar 24 j 17:27	0°♑	
morning max el	-10011 Mar 27 j 15:27	2°♑23'13	20°23'56
asc. node	-10011 Apr 14 j 01:38	29°♑40'54	
	-10011 Apr 14 j 05:26	0°♒	
morning set	-10011 Apr 15 j 03:50	1°♒53'15	
superior conj	-10011 Apr 22 j 22:51	17°♒49'37	1°16'13
minimum elong	-10011 Apr 22 j 19:58	17°♒35'02	1°15'24
max. Earth dist.	-10011 Apr 27 j 17:13	27°♒16'07	1.36186 AU
	-10011 Apr 29 j 03:19	0°♓	
evening rise	-10011 May 01 j 22:41	5°♓16'24	
	-10011 May 16 j 12:34	0°♈	
desc. node	-10011 May 30 j 18:41	19°♈57'44	
evening max el	-10011 Jun 06 j 16:49	27°♈42'31	26°07'53
	-10011 Jun 09 j 04:05	0°♉	
retrograde	-10011 Jun 19 j 06:09	4°♉57'24	
evening set	-10011 Jun 25 j 14:48	2°♉13'17	
	-10011 Jun 27 j 19:50	30°℞♈	
min. Earth dist.	-10011 Jun 29 j 17:52	27°♈42'20	0.66224 AU
inferior conj	-10011 Jul 01 j 02:18	25°♈59'59	-2°46'10
minimum elong	-10011 Jul 01 j 04:55	25°♈51'42	2°45'18
morning rise	-10011 Jul 06 j 19:06	20°♈08'04	
direct	-10011 Jul 10 j 02:05	19°♈05'38	
asc. node	-10011 Jul 11 j 02:16	19°♈11'19	
morning max el	-10011 Jul 17 j 02:12	23°♈04'38	19°09'06
	-10011 Jul 22 j 16:30	0°♉	
morning set	-10011 Aug 08 j 17:03	26°♉14'38	
	-10011 Aug 11 j 02:00	0°♊	
max. Earth dist.	-10011 Aug 23 j 12:28	19°♊38'49	1.44542 AU
superior conj	-10011 Aug 24 j 22:46	21°♊54'38	0°10'26
minimum elong	-10011 Aug 25 j 00:08	22°♊00'03	0°10'49
behind sun begin	-10011 Aug 24 j 15:31	21°♊25'53	
behind sun end	-10011 Aug 25 j 08:45	22°♊34'14	
desc. node	-10011 Aug 26 j 16:07	24°♊38'41	
	-10011 Aug 30 j 00:49	0°♋	
evening rise	-10011 Sep 09 j 08:29	16°♋39'16	
	-10011 Sep 17 j 13:21	0°♌	
evening max el	-10011 Sep 29 j 12:37	16°♌55'10	18°40'43

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10011 Oct 06 j 06:04	20°♌41'06	
asc. node	-10011 Oct 07 j 01:54	20°♌37'15	
evening set	-10011 Oct 09 j 05:11	19°♌51'52	
inferior conj	-10011 Oct 15 j 04:30	14°♌10'56	2°26'45
minimum elong	-10011 Oct 15 j 01:20	14°♌20'22	2°26'10
min. Earth dist.	-10011 Oct 16 j 23:10	12°♌04'09	0.64787 AU
morning rise	-10011 Oct 20 j 21:00	8°♌03'15	
direct	-10011 Oct 27 j 12:52	5°♌17'55	
morning max el	-10011 Nov 09 j 16:54	12°♌48'55	27°00'34
desc. node	-10011 Nov 22 j 16:27	28°♌34'15	
	-10011 Nov 23 j 16:44	0°♍	
	-10011 Dec 12 j 00:32	0°♎	
morning set	-10011 Dec 15 j 04:27	5°♎58'48	
max. Earth dist.	-10011 Dec 19 j 19:39	15°♎09'42	1.34458 AU
superior conj	-10011 Dec 23 j 10:30	22°♎38'08	-1°25'31
minimum elong	-10011 Dec 23 j 12:43	22°♎49'41	1°25'26
	-10011 Dec 26 j 22:20	0°♏	
evening rise	-10011 Dec 30 j 19:17	8°♏08'50	
asc. node	-10010 Jan 02 j 23:50	14°♏38'54	
	-10010 Jan 11 j 14:23	0°♐	
evening max el	-10010 Jan 20 j 08:14	10°♐53'41	21°40'17
retrograde	-10010 Feb 01 j 09:29	16°♐37'08	
evening set	-10010 Feb 04 j 06:39	16°♐18'27	
inferior conj	-10010 Feb 13 j 09:10	12°♐16'10	1°23'15
minimum elong	-10010 Feb 13 j 12:42	12°♐11'08	1°21'37
min. Earth dist.	-10010 Feb 13 j 13:23	12°♐10'11	0.55398 AU
desc. node	-10010 Feb 18 j 17:35	9°♐28'01	
morning rise	-10010 Feb 22 j 18:49	8°♐09'17	
direct	-10010 Feb 25 j 11:11	7°♐53'15	
morning max el	-10010 Mar 09 j 20:41	13°♐50'55	21°46'56
	-10010 Mar 21 j 19:58	0°♑	
morning set	-10010 Mar 30 j 12:54	16°♑43'01	
asc. node	-10010 Mar 31 j 22:36	19°♑38'13	
	-10010 Apr 05 j 20:55	0°♒	
superior conj	-10010 Apr 06 j 22:09	2°♒11'55	0°55'03
minimum elong	-10010 Apr 06 j 19:53	2°♒00'02	0°54'09
max. Earth dist.	-10010 Apr 10 j 08:28	9°♒15'42	1.34824 AU
evening rise	-10010 Apr 15 j 03:21	18°♒43'46	
	-10010 Apr 21 j 05:34	0°♓	
	-10010 May 10 j 15:00	0°♈	
desc. node	-10010 May 17 j 16:04	8°♈27'40	
evening max el	-10010 May 20 j 03:34	11°♈01'07	26°59'16
retrograde	-10010 Jun 02 j 08:56	18°♈29'42	
evening set	-10010 Jun 09 j 04:07	15°♈41'46	
min. Earth dist.	-10010 Jun 13 j 00:01	11°♈49'16	0.65162 AU
inferior conj	-10010 Jun 14 j 22:35	9°♈32'55	-3°15'49
minimum elong	-10010 Jun 15 j 00:56	9°♈26'02	3°15'23
morning rise	-10010 Jun 20 j 22:06	3°♈55'44	
direct	-10010 Jun 23 j 22:23	3°♈05'45	
asc. node	-10010 Jun 27 j 23:08	4°♈31'07	
morning max el	-10010 Jun 30 j 12:50	6°♈42'55	18°28'52
	-10010 Jul 16 j 09:01	0°♉	
morning set	-10010 Jul 20 j 04:03	6°♉14'40	
superior conj	-10010 Aug 03 j 22:41	0°♊08'38	0°55'35
minimum elong	-10010 Aug 04 j 04:43	0°♊32'37	0°55'23
	-10010 Aug 03 j 20:30	0°♊	
max. Earth dist.	-10010 Aug 06 j 05:29	3°♊46'06	1.44520 AU
desc. node	-10010 Aug 13 j 13:18	15°♊19'36	
evening rise	-10010 Aug 20 j 12:49	26°♊18'17	
	-10010 Aug 22 j 21:15	0°♋	
greatest brilliancy	-10010 Aug 30 j 03:45	11°♋21'37	-0.8m
	-10010 Sep 12 j 13:09	0°♌	
evening max el	-10010 Sep 12 j 22:14	0°♌23'48	19°23'09
retrograde	-10010 Sep 20 j 01:42	4°♌29'57	
evening set	-10010 Sep 23 j 08:40	3°♌27'09	
asc. node	-10010 Sep 23 j 23:03	3°♌02'21	
	-10010 Sep 27 j 01:27	30°℞♋	
inferior conj	-10010 Sep 29 j 00:50	27°♋33'19	1°36'11
minimum elong	-10010 Sep 28 j 22:40	27°♋40'15	1°35'54
min. Earth dist.	-10010 Sep 30 j 07:05	25°♋56'48	0.65850 AU
morning rise	-10010 Oct 04 j 12:19	21°♋18'00	
direct	-10010 Oct 10 j 15:34	18°♋40'54	
morning max el	-10010 Oct 23 j 03:02	25°♋59'05	26°02'57
	-10010 Oct 26 j 20:55	0°♌	
desc. node	-10010 Nov 09 j 13:11	18°♌06'11	
	-10010 Nov 17 j 05:30	0°♍	
morning set	-10010 Nov 28 j 04:44	19°♍00'27	
max. Earth dist.	-10010 Dec 02 j 05:59	26°♍40'03	1.35851 AU
	-10010 Dec 03 j 22:59	0°♎	
superior conj	-10010 Dec 07 j 08:12	6°♎45'45	-1°37'03
minimum elong	-10010 Dec 07 j 09:46	6°♎53'40	1°36'58
evening rise	-10010 Dec 15 j 02:32	22°♎42'40	
	-10010 Dec 18 j 17:50	0°♏	
asc. node	-10010 Dec 20 j 21:06	4°♏04'33	
evening max el	-10009 Jan 02 j 13:48	22°♏21'05	20°19'57
retrograde	-10009 Jan 13 j 01:27	27°♏16'26	
evening set	-10009 Jan 15 j 15:19	26°♏59'51	
inferior conj	-10009 Jan 24 j 08:19	23°♏00'05	2°57'29
minimum elong	-10009 Jan 24 j 14:01	22°♏51'30	2°55'40
min. Earth dist.	-10009 Jan 26 j 03:16	21°♏55'46	0.55866 AU
morning rise	-10009 Feb 02 j 10:58	18°♏32'57	
desc. node	-10009 Feb 05 j 14:28	18°♏03'32	
direct	-10009 Feb 06 j 03:37	18°♏02'52	
morning max el	-10009 Feb 19 j 16:12	24°♏44'18	23°21'59
	-10009 Feb 24 j 11:17	0°♐	
	-10009 Mar 14 j 04:38	0°♑	
morning set	-10009 Mar 15 j 00:36	1°♑43'48	
asc. node	-10009 Mar 18 j 19:36	9°♑46'38	
superior conj	-10009 Mar 22 j 03:37	16°♑55'19	0°32'02
minimum elong	-10009 Mar 22 j 02:16	16°♑48'04	0°31'13
max. Earth dist.	-10009 Mar 24 j 09:30	21°♑41'05	1.33814 AU
	-10009 Mar 28 j 10:05	0°♒	
evening rise	-10009 Mar 29 j 19:55	2°♒49'28	
	-10009 Apr 14 j 01:55	0°♓	
evening max el	-10009 May 02 j 13:55	24°♓04'28	27°24'48
desc. node	-10009 May 04 j 13:24	25°♓54'11	
	-10009 May 10 j 08:12	0°♈	
retrograde	-10009 May 16 j 06:13	1°♈37'24	
	-10009 May 21 j 17:52	30°℞♓	
evening set	-10009 May 23 j 06:09	28°♓58'26	
min. Earth dist.	-10009 May 26 j 21:46	25°♓39'00	0.63707 AU
inferior conj	-10009 May 29 j 10:54	22°♓56'39	-3°34'47
minimum elong	-10009 May 29 j 12:17	22°♓52'58	3°34'48
morning rise	-10009 Jun 04 j 19:15	17°♓36'34	
direct	-10009 Jun 07 j 14:25	16°♓56'57	
morning max el	-10009 Jun 14 j 02:20	20°♓21'55	18°06'02
asc. node	-10009 Jun 14 j 19:58	21°♓07'41	
	-10009 Jun 21 j 08:02	0°♈	
morning set	-10009 Jul 01 j 16:28	17°♈25'46	
	-10009 Jul 09 j 01:29	0°♉	
superior conj	-10009 Jul 14 j 13:14	9°♉06'47	1°29'06
minimum elong	-10009 Jul 14 j 19:04	9°♉30'44	1°28'58
max. Earth dist.	-10009 Jul 19 j 20:06	17°♉40'58	1.43811 AU
	-10009 Jul 27 j 14:55	0°♊	
evening rise	-10009 Jul 30 j 18:47	4°♊55'23	
desc. node	-10009 Jul 31 j 10:32	5°♊56'28	
	-10009 Aug 16 j 08:49	0°♋	
evening max el	-10009 Aug 27 j 02:26	13°♋50'32	20°20'54

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

retrograde	-10009 Sep 03 j 22:28	18°♋25'14	
evening set	-10009 Sep 07 j 15:38	17°♋05'37	
asc. node	-10009 Sep 10 j 20:10	13°♋57'23	
inferior conj	-10009 Sep 13 j 02:26	11°♋02'08	0°43'52
minimum elong	-10009 Sep 13 j 01:26	11°♋05'30	0°44'03
min. Earth dist.	-10009 Sep 13 j 21:23	9°♋58'39	0.66610 AU
morning rise	-10009 Sep 18 j 10:59	4°♋42'57	
direct	-10009 Sep 23 j 23:53	2°♋20'50	
morning max el	-10009 Oct 05 j 12:26	9°♋12'52	24°47'44
	-10009 Oct 21 j 23:34	0°♌	
desc. node	-10009 Oct 27 j 09:56	8°♌03'38	
	-10009 Nov 09 j 20:07	0°♍	
morning set	-10009 Nov 10 j 10:05	1°♍01'10	
max. Earth dist.	-10009 Nov 14 j 06:43	7°♍56'31	1.37624 AU
superior conj	-10009 Nov 20 j 19:49	20°♍18'12	-1°42'20
minimum elong	-10009 Nov 20 j 20:01	20°♍19'11	1°42'10
	-10009 Nov 25 j 17:37	0°♎	
evening rise	-10009 Nov 29 j 04:48	6°♎55'48	
asc. node	-10009 Dec 07 j 18:23	23°♎00'54	
	-10009 Dec 12 j 09:18	0°♏	
evening max el	-10009 Dec 16 j 05:39	4°♏23'02	19°17'12
retrograde	-10009 Dec 25 j 04:41	8°♏38'06	
evening set	-10009 Dec 27 j 16:58	8°♏19'34	
inferior conj	-10008 Jan 04 j 20:36	4°♏07'58	3°55'53
minimum elong	-10008 Jan 05 j 00:20	4°♏01'38	3°55'07
min. Earth dist.	-10008 Jan 07 j 17:23	2°♏12'28	0.57095 AU
	-10008 Jan 11 j 12:39	30°℞♎	
morning rise	-10008 Jan 13 j 05:27	29°♎15'34	
direct	-10008 Jan 18 j 06:41	28°♎16'37	
desc. node	-10008 Jan 23 j 11:18	29°♎19'13	
	-10008 Jan 24 j 23:31	0°♏	
morning max el	-10008 Feb 01 j 06:58	5°♏24'20	24°57'57
	-10008 Feb 18 j 22:56	0°♐	
morning set	-10008 Feb 27 j 13:06	16°♐49'09	
asc. node	-10008 Mar 04 j 16:38	0°♑01'44	
	-10008 Mar 04 j 16:19	0°♑	
superior conj	-10008 Mar 05 j 13:01	1°♑52'18	0°08'20
minimum elong	-10008 Mar 05 j 12:41	1°♑50'29	0°07'41
behind sun begin	-10008 Mar 05 j 08:13	1°♑26'20	
behind sun end	-10008 Mar 05 j 17:08	2°♑14'38	
max. Earth dist.	-10008 Mar 06 j 18:15	4°♑30'29	1.33149 AU
evening rise	-10008 Mar 12 j 20:46	17°♑21'51	
	-10008 Mar 19 j 08:47	0°♒	
	-10008 Apr 07 j 19:35	0°♓	
evening max el	-10008 Apr 13 j 21:55	6°♓41'41	27°19'16
desc. node	-10008 Apr 20 j 10:41	11°♓51'36	
retrograde	-10008 Apr 27 j 20:57	14°♓12'12	
evening set	-10008 May 04 j 17:27	11°♓55'52	
min. Earth dist.	-10008 May 08 j 10:26	8°♓59'03	0.61918 AU
inferior conj	-10008 May 11 j 12:11	6°♓05'16	-3°38'58
minimum elong	-10008 May 11 j 11:51	6°♓06'02	3°39'15
morning rise	-10008 May 18 j 07:48	1°♓04'07	
direct	-10008 May 20 j 22:57	0°♓33'13	
morning max el	-10008 May 27 j 16:14	3°♓56'27	18°01'34
asc. node	-10008 May 31 j 16:47	8°♓45'37	
morning set	-10008 Jun 13 j 02:46	29°♓40'36	
	-10008 Jun 13 j 07:04	0°♈	
superior conj	-10008 Jun 24 j 06:13	19°♈23'27	1°46'28
minimum elong	-10008 Jun 24 j 08:43	19°♈34'10	1°46'31
	-10008 Jun 30 j 13:30	0°♉	
max. Earth dist.	-10008 Jul 01 j 06:26	1°♉09'44	1.42518 AU
evening rise	-10008 Jul 08 j 20:44	13°♉22'34	
desc. node	-10008 Jul 17 j 07:50	26°♉26'02	
	-10008 Jul 19 j 16:47	0°♊	
evening max el	-10008 Aug 08 j 24:00	27°♊14'28	21°31'23
	-10008 Aug 12 j 01:21	0°♋	
retrograde	-10008 Aug 17 j 18:28	2°♋25'11	
evening set	-10008 Aug 22 j 00:00	0°♋45'54	
	-10008 Aug 22 j 21:08	30°℞♊	
inferior conj	-10008 Aug 27 j 07:16	24°♊35'39	-0°08'04
minimum elong	-10008 Aug 27 j 07:26	24°♊35'06	0°07'25
transit middle	-10008 Aug 27 j 07:26	24°♊35'06	0°07'25
transit begin	-10008 Aug 27 j 05:01	24°♊43'24	
transit end	-10008 Aug 27 j 09:51	24°♊26'48	
min. Earth dist.	-10008 Aug 27 j 15:38	24°♊06'54	0.67081 AU
asc. node	-10008 Aug 27 j 17:14	24°♊01'25	
morning rise	-10008 Sep 01 j 14:42	18°♊16'22	
direct	-10008 Sep 06 j 13:09	16°♊12'44	
morning max el	-10008 Sep 16 j 22:30	22°♊27'08	23°24'06
	-10008 Sep 23 j 11:36	0°♋	
desc. node	-10008 Oct 13 j 06:44	28°♋19'07	
	-10008 Oct 14 j 08:29	0°♌	
morning set	-10008 Oct 21 j 14:57	11°♌47'04	
max. Earth dist.	-10008 Oct 26 j 04:29	19°♌33'19	1.39615 AU
	-10008 Nov 01 j 01:10	0°♍	
superior conj	-10008 Nov 02 j 17:06	3°♍03'37	-1°39'06
minimum elong	-10008 Nov 02 j 15:15	2°♍55'04	1°38'42
evening rise	-10008 Nov 11 j 23:34	20°♍41'56	
	-10008 Nov 16 j 21:23	0°♎	
asc. node	-10008 Nov 23 j 15:42	11°♎18'17	
evening max el	-10008 Nov 28 j 06:50	16°♎56'04	18°34'19
retrograde	-10008 Dec 06 j 01:45	20°♎44'29	
evening set	-10008 Dec 08 j 13:57	20°♎22'11	
inferior conj	-10008 Dec 16 j 03:52	15°♎50'33	4°15'38
minimum elong	-10008 Dec 16 j 04:02	15°♎50'13	4°15'33
min. Earth dist.	-10008 Dec 19 j 09:48	13°♎19'35	0.58808 AU
morning rise	-10008 Dec 23 j 16:18	10°♎35'40	
direct	-10008 Dec 29 j 21:30	8°♎58'52	
desc. node	-10007 Jan 09 j 08:05	13°♎10'19	
morning max el	-10007 Jan 12 j 23:38	16°♎18'53	26°20'07
	-10007 Jan 24 j 05:01	0°♏	
	-10007 Feb 10 j 03:08	0°♐	
morning set	-10007 Feb 11 j 00:38	1°♐51'48	
superior conj	-10007 Feb 18 j 00:25	16°♐55'19	-0°15'13
minimum elong	-10007 Feb 18 j 01:04	16°♐58'55	0°15'39
behind sun begin	-10007 Feb 18 j 00:34	16°♐56'07	
behind sun end	-10007 Feb 18 j 01:35	17°♐01'42	
max. Earth dist.	-10007 Feb 18 j 07:15	17°♐32'38	1.32813 AU
asc. node	-10007 Feb 19 j 13:43	20°♐18'45	
	-10007 Feb 24 j 02:07	0°♑	
evening rise	-10007 Feb 25 j 03:08	2°♑10'29	
	-10007 Mar 12 j 09:14	0°♒	
evening max el	-10007 Mar 27 j 01:06	18°♒42'00	26°40'54
desc. node	-10007 Apr 07 j 07:56	25°♒45'47	
retrograde	-10007 Apr 10 j 03:28	26°♒05'50	
evening set	-10007 Apr 16 j 10:38	24°♒22'30	
min. Earth dist.	-10007 Apr 20 j 14:20	21°♒34'13	0.59935 AU
inferior conj	-10007 Apr 23 j 22:47	18°♒49'07	-3°22'29
minimum elong	-10007 Apr 23 j 20:17	18°♒54'17	3°22'37
morning rise	-10007 May 01 j 08:22	14°♒08'18	
direct	-10007 May 03 j 20:01	13°♒44'50	
morning max el	-10007 May 11 j 03:47	17°♒18'17	18°16'08
asc. node	-10007 May 18 j 13:36	27°♒10'21	
	-10007 May 20 j 06:00	0°♓	
morning set	-10007 May 27 j 05:54	12°♓46'27	
	-10007 Jun 05 j 12:20	0°♈	
superior conj	-10007 Jun 06 j 01:14	0°♈58'21	1°49'29
minimum elong	-10007 Jun 06 j 00:34	0°♈55'19	1°49'24

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-10007 Jun 13 j 11:19	13°♈59'31	1.40806 AU
evening rise	-10007 Jun 18 j 16:05	22°♈40'18	
	-10007 Jun 23 j 05:24	0°♉	
desc. node	-10007 Jul 04 j 05:13	16°♉43'45	
	-10007 Jul 13 j 17:14	0°♊	
evening max el	-10007 Jul 22 j 15:11	10°♊35'53	22°50'36
retrograde	-10007 Aug 01 j 12:19	16°♊27'29	
evening set	-10007 Aug 06 j 07:54	14°♊26'58	
inferior conj	-10007 Aug 11 j 13:32	8°♊12'37	-0°57'53
minimum elong	-10007 Aug 11 j 14:44	8°♊08'27	0°56'54
min. Earth dist.	-10007 Aug 11 j 11:27	8°♊19'48	0.67255 AU
asc. node	-10007 Aug 14 j 14:13	4°♊14'42	
morning rise	-10007 Aug 16 j 21:30	1°♊56'47	
direct	-10007 Aug 21 j 06:28	0°♊12'26	
morning max el	-10007 Aug 30 j 12:06	5°♊44'22	22°00'41
	-10007 Sep 17 j 20:36	0°♋	
desc. node	-10007 Sep 30 j 03:37	18°♋47'23	
morning set	-10007 Oct 01 j 16:57	21°♋15'41	
	-10007 Oct 07 j 02:06	0°♌	
max. Earth dist.	-10007 Oct 08 j 06:18	1°♌56'56	1.41552 AU
superior conj	-10007 Oct 15 j 18:39	14°♌47'58	-1°24'46
minimum elong	-10007 Oct 15 j 14:36	14°♌30'14	1°23'58
	-10007 Oct 24 j 04:58	0°♍	
evening rise	-10007 Oct 26 j 07:44	3°♍54'07	
asc. node	-10007 Nov 10 j 13:01	28°♍44'51	
evening max el	-10007 Nov 11 j 14:58	29°♍53'20	18°11'36
	-10007 Nov 11 j 17:41	0°♎	
retrograde	-10007 Nov 18 j 16:00	3°♎28'18	
evening set	-10007 Nov 21 j 04:55	3°♎01'05	
	-10007 Nov 26 j 02:24	30°℞♍	
inferior conj	-10007 Nov 28 j 06:10	28°♍07'31	4°05'32
minimum elong	-10007 Nov 28 j 03:40	28°♍13'08	4°05'22
min. Earth dist.	-10007 Dec 01 j 08:21	25°♍21'41	0.60684 AU
morning rise	-10007 Dec 05 j 01:06	22°♍33'44	
direct	-10007 Dec 11 j 22:30	20°♍21'44	
morning max el	-10007 Dec 25 j 22:30	27°♍49'18	27°15'11
desc. node	-10007 Dec 27 j 04:48	29°♍04'38	
	-10007 Dec 28 j 02:01	0°♎	
	-10006 Jan 17 j 18:01	0°♏	
morning set	-10006 Jan 26 j 09:22	16°♏45'01	
	-10006 Feb 01 j 14:28	0°♐	
max. Earth dist.	-10006 Feb 01 j 20:45	0°♐34'12	1.32799 AU
superior conj	-10006 Feb 02 j 12:12	1°♐58'30	-0°37'46
minimum elong	-10006 Feb 02 j 13:42	2°♐06'40	0°37'59
asc. node	-10006 Feb 06 j 10:53	10°♐33'45	
evening rise	-10006 Feb 09 j 12:51	17°♐07'39	
	-10006 Feb 15 j 23:56	0°♑	
	-10006 Mar 08 j 20:40	0°♒	
evening max el	-10006 Mar 08 j 22:25	0°♒04'11	25°33'19
retrograde	-10006 Mar 23 j 00:12	7°♒16'09	
desc. node	-10006 Mar 25 j 05:07	7°♒04'26	
evening set	-10006 Mar 28 j 08:22	6°♒08'20	
min. Earth dist.	-10006 Apr 02 j 11:25	3°♒13'55	0.58000 AU
inferior conj	-10006 Apr 05 j 15:13	0°♒59'28	-2°38'19
minimum elong	-10006 Apr 05 j 11:12	1°♒06'40	2°37'59
	-10006 Apr 07 j 01:03	30°℞♑	
morning rise	-10006 Apr 13 j 17:13	26°♑38'30	
direct	-10006 Apr 16 j 01:13	26°♑21'15	
	-10006 Apr 24 j 01:52	0°♒	
morning max el	-10006 Apr 24 j 10:09	0°♒19'10	18°50'14
asc. node	-10006 May 05 j 10:27	16°♒11'05	
morning set	-10006 May 10 j 21:29	26°♒32'25	
	-10006 May 12 j 16:00	0°♓	
superior conj	-10006 May 19 j 17:10	13°♓37'59	1°41'50
minimum elong	-10006 May 19 j 14:43	13°♓26'21	1°41'27
max. Earth dist.	-10006 May 26 j 12:01	26°♓07'29	1.38919 AU
	-10006 May 28 j 16:41	0°♈	
evening rise	-10006 May 30 j 14:29	3°♈18'21	
	-10006 Jun 16 j 09:44	0°♉	
desc. node	-10006 Jun 21 j 02:39	6°♉43'40	
evening max el	-10006 Jul 05 j 02:05	23°♉56'46	24°12'32
	-10006 Jul 13 j 11:46	0°♊	
retrograde	-10006 Jul 16 j 02:58	0°♊28'16	
	-10006 Jul 18 j 14:29	30°℞♉	
evening set	-10006 Jul 21 j 13:25	28°♉07'14	
inferior conj	-10006 Jul 26 j 19:28	21°♉51'16	-1°44'08
minimum elong	-10006 Jul 26 j 21:29	21°♉44'23	1°43'01
min. Earth dist.	-10006 Jul 26 j 06:27	22°♉35'28	0.67120 AU
morning rise	-10006 Aug 01 j 05:32	15°♉42'12	
asc. node	-10006 Aug 01 j 11:10	15°♉32'03	
direct	-10006 Aug 05 j 02:45	14°♉15'57	
morning max el	-10006 Aug 13 j 07:32	19°♉07'08	20°44'13
	-10006 Aug 22 j 00:35	0°♊	
morning set	-10006 Sep 10 j 22:39	29°♊49'19	
	-10006 Sep 11 j 01:24	0°♋	
desc. node	-10006 Sep 17 j 00:36	9°♋23'34	
max. Earth dist.	-10006 Sep 20 j 14:25	15°♋07'42	1.43161 AU
superior conj	-10006 Sep 26 j 18:40	25°♋16'07	-0°57'06
minimum elong	-10006 Sep 26 j 13:54	24°♋56'14	0°55'59
	-10006 Sep 29 j 14:15	0°♌	
evening rise	-10006 Oct 09 j 01:03	16°♌21'43	
	-10006 Oct 16 j 21:15	0°♍	
evening max el	-10006 Oct 26 j 03:11	13°♍06'36	18°08'25
asc. node	-10006 Oct 28 j 10:18	15°♍05'02	
retrograde	-10006 Nov 01 j 19:18	16°♍38'44	
evening set	-10006 Nov 04 j 10:29	16°♍04'59	
inferior conj	-10006 Nov 11 j 00:28	10°♍51'03	3°35'44
minimum elong	-10006 Nov 10 j 20:51	11°♍00'16	3°35'14
min. Earth dist.	-10006 Nov 13 j 16:00	8°♍09'44	0.62478 AU
morning rise	-10006 Nov 17 j 06:16	5°♍01'33	
direct	-10006 Nov 24 j 08:12	2°♍25'29	
morning max el	-10006 Dec 08 j 03:29	9°♍58'52	27°36'00
desc. node	-10006 Dec 14 j 01:30	16°♍28'07	
	-10006 Dec 23 j 21:58	0°♎	
	-10005 Jan 09 j 21:12	0°♏	
morning set	-10005 Jan 10 j 13:03	1°♏19'57	
max. Earth dist.	-10005 Jan 16 j 06:44	13°♏19'54	1.33127 AU
superior conj	-10005 Jan 17 j 22:39	16°♏54'52	-0°58'35
minimum elong	-10005 Jan 18 j 00:44	17°♏06'08	0°58'37
asc. node	-10005 Jan 24 j 08:08	0°♐41'44	
	-10005 Jan 24 j 00:15	0°♐	
evening rise	-10005 Jan 25 j 00:03	2°♐05'40	
	-10005 Feb 09 j 11:54	0°♑	
evening max el	-10005 Feb 18 j 15:46	10°♑59'41	24°06'08
retrograde	-10005 Mar 04 j 09:16	17°♑48'40	
evening set	-10005 Mar 08 j 13:42	17°♑09'37	
desc. node	-10005 Mar 12 j 02:10	15°♑42'25	
min. Earth dist.	-10005 Mar 15 j 04:44	13°♑56'38	0.56421 AU
inferior conj	-10005 Mar 17 j 11:47	12°♑30'49	-1°21'55
minimum elong	-10005 Mar 17 j 08:40	12°♑35'41	1°21'34
morning rise	-10005 Mar 26 j 06:38	8°♑24'47	
direct	-10005 Mar 28 j 11:56	8°♑11'39	
morning max el	-10005 Apr 07 j 08:26	12°♑49'32	19°44'12
	-10005 Apr 19 j 07:50	0°♒	
asc. node	-10005 Apr 22 j 07:21	5°♒39'18	
morning set	-10005 Apr 24 j 22:01	10°♒49'37	
superior conj	-10005 May 03 j 00:35	27°♒07'24	1°27'00
minimum elong	-10005 May 02 j 21:36	26°♒52'38	1°26'18

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10005 May 04 j 11:41	0°♓		
max. Earth dist.	-10005 May 08 j 13:49	7°♓50'43	1.37109 AU	
evening rise	-10005 May 12 j 14:23	15°♓14'59		
	-10005 May 21 j 04:24	0°♈		
desc. node	-10005 Jun 08 j 00:03	26°♈18'04		
	-10005 Jun 10 j 22:21	0°♉		
evening max el	-10005 Jun 17 j 11:45	7°♉19'53	25°29'24	
retrograde	-10005 Jun 29 j 13:35	14°♉23'00		
evening set	-10005 Jul 05 j 14:31	11°♉45'23		
min. Earth dist.	-10005 Jul 09 j 22:19	6°♉51'40	0.66652 AU	
inferior conj	-10005 Jul 10 j 23:16	5°♉30'14	-2°25'22	
minimum elong	-10005 Jul 11 j 01:48	5°♉21'58	2°24'21	
	-10005 Jul 15 j 21:19	30°℞♈		
morning rise	-10005 Jul 16 j 13:06	29°♈31'03		
asc. node	-10005 Jul 19 j 08:02	28°♈23'24		
direct	-10005 Jul 20 j 00:37	28°♈20'40		
	-10005 Jul 24 j 10:12	0°♉		
morning max el	-10005 Jul 27 j 09:34	2°♉36'52	19°39'35	
	-10005 Aug 15 j 17:52	0°♊		
morning set	-10005 Aug 21 j 02:21	8°♊20'28		
max. Earth dist.	-10005 Sep 03 j 03:47	28°♊53'09	1.44228 AU	
desc. node	-10005 Sep 03 j 21:41	0°♋04'20		
	-10005 Sep 03 j 20:36	0°♋		
superior conj	-10005 Sep 06 j 15:09	4°♋25'46	-0°16'32	
minimum elong	-10005 Sep 06 j 13:17	4°♋18'19	0°15'43	
behind sun begin	-10005 Sep 06 j 10:14	4°♋06'05		
behind sun end	-10005 Sep 06 j 16:20	4°♋30'33		
evening rise	-10005 Sep 20 j 22:18	27°♋52'46		
	-10005 Sep 22 j 04:41	0°♌		
evening max el	-10005 Oct 09 j 16:37	26°♌30'14	18°23'51	
asc. node	-10005 Oct 15 j 07:31	0°♍03'09		
	-10005 Oct 15 j 01:18	0°♍		
retrograde	-10005 Oct 16 j 07:34	0°♍08'35		
	-10005 Oct 17 j 13:44	30°℞♌		
evening set	-10005 Oct 19 j 03:07	29°♌25'55		
inferior conj	-10005 Oct 25 j 07:21	23°♌54'11	2°54'02	
minimum elong	-10005 Oct 25 j 03:48	24°♌04'13	2°53'23	
min. Earth dist.	-10005 Oct 27 j 09:46	21°♌31'54	0.64037 AU	
morning rise	-10005 Oct 31 j 03:49	17°♌52'15		
direct	-10005 Nov 07 j 01:19	15°♌06'12		
morning max el	-10005 Nov 20 j 12:11	22°♌40'34	27°22'15	
	-10005 Nov 27 j 02:23	0°♍		
desc. node	-10005 Nov 30 j 22:14	4°♍55'28		
	-10005 Dec 17 j 01:49	0°♎		
morning set	-10005 Dec 25 j 09:00	15°♎27'39		
max. Earth dist.	-10005 Dec 30 j 09:27	25°♎38'04	1.33847 AU	
	-10004 Jan 01 j 11:23	0°♏		
superior conj	-10004 Jan 02 j 05:57	1°♏38'19	-1°16'43	
minimum elong	-10004 Jan 02 j 08:15	1°♏50'32	1°16'40	
evening rise	-10004 Jan 09 j 11:04	16°♏58'53		
asc. node	-10004 Jan 11 j 05:23	20°♏37'53		
	-10004 Jan 16 j 00:17	0°♐		
evening max el	-10004 Jan 31 j 10:01	21°♐51'19	22°32'17	
retrograde	-10004 Feb 13 j 05:57	28°♐01'30		
evening set	-10004 Feb 16 j 11:19	27°♐38'45		
min. Earth dist.	-10004 Feb 24 j 20:11	23°♐55'12	0.55521 AU	
inferior conj	-10004 Feb 25 j 15:32	23°♐27'23	0°20'43	
minimum elong	-10004 Feb 25 j 16:25	23°♐26'07	0°19'53	
desc. node	-10004 Feb 26 j 23:10	22°♐42'12		
morning rise	-10004 Mar 05 j 22:42	19°♐24'53		
direct	-10004 Mar 08 j 07:33	19°♐11'46		
morning max el	-10004 Mar 19 j 20:06	24°♐40'36	20°57'20	
	-10004 Mar 24 j 13:35	0°♑		
morning set	-10004 Apr 08 j 04:39	25°♑29'29		
asc. node	-10004 Apr 08 j 04:17	25°♑27'37		
	-10004 Apr 10 j 09:05	0°♒		
superior conj	-10004 Apr 15 j 19:04	11°♒13'12	1°07'34	
minimum elong	-10004 Apr 15 j 16:23	10°♒59'27	1°06'42	
max. Earth dist.	-10004 Apr 19 j 23:10	19°♒37'56	1.35561 AU	
evening rise	-10004 Apr 24 j 10:08	28°♒14'09		
	-10004 Apr 25 j 08:46	0°♓		
	-10004 May 13 j 10:07	0°♈		
desc. node	-10004 May 24 j 21:26	15°♈15'47		
evening max el	-10004 May 29 j 22:14	20°♈42'56	26°32'33	
retrograde	-10004 Jun 11 j 19:23	28°♈05'13		
evening set	-10004 Jun 18 j 08:52	25°♈18'23		
min. Earth dist.	-10004 Jun 22 j 08:43	21°♈03'48	0.65818 AU	
inferior conj	-10004 Jun 23 j 22:57	19°♈06'29	-2°59'52	
minimum elong	-10004 Jun 24 j 01:31	18°♈58'34	2°59'11	
morning rise	-10004 Jun 29 j 18:20	13°♈20'14		
direct	-10004 Jul 02 j 22:13	12°♈23'21		
asc. node	-10004 Jul 05 j 04:53	12°♈51'44		
morning max el	-10004 Jul 09 j 17:27	16°♈12'12	18°49'50	
	-10004 Jul 19 j 21:08	0°♉		
morning set	-10004 Jul 30 j 23:04	17°♉40'22		
	-10004 Aug 07 j 16:06	0°♊		
superior conj	-10004 Aug 15 j 16:39	12°♊42'57	0°30'23	
minimum elong	-10004 Aug 15 j 20:25	12°♊57'49	0°30'27	
max. Earth dist.	-10004 Aug 15 j 20:16	12°♊57'14	1.44625 AU	
desc. node	-10004 Aug 20 j 18:49	20°♊45'59		
	-10004 Aug 26 j 14:27	0°♋		
evening rise	-10004 Aug 31 j 18:08	8°♋13'45		
	-10004 Sep 14 j 13:09	0°♌		
evening max el	-10004 Sep 22 j 04:26	9°♌58'35	18°56'51	
retrograde	-10004 Sep 29 j 01:15	13°♌51'44		
asc. node	-10004 Oct 01 j 04:41	13°♌25'27		
evening set	-10004 Oct 02 j 03:28	12°♌57'08		
inferior conj	-10004 Oct 07 j 23:33	7°♌10'36	2°05'38	
minimum elong	-10004 Oct 07 j 20:46	7°♌19'09	2°05'09	
min. Earth dist.	-10004 Oct 09 j 12:53	5°♌16'05	0.65285 AU	
morning rise	-10004 Oct 13 j 13:39	0°♌59'25		
	-10004 Oct 14 j 20:34	30°℞♋		
direct	-10004 Oct 20 j 00:40	28°♋16'16		
	-10004 Oct 25 j 18:04	0°♌		
morning max el	-10004 Nov 01 j 22:08	5°♌42'59	26°38'39	
desc. node	-10004 Nov 16 j 18:58	24°♌08'02		
	-10004 Nov 20 j 18:13	0°♍		
morning set	-10004 Dec 07 j 17:43	28°♍57'13		
	-10004 Dec 08 j 06:56	0°♎		
max. Earth dist.	-10004 Dec 12 j 02:05	7°♎24'31	1.34996 AU	
superior conj	-10004 Dec 16 j 07:57	16°♎01'53	-1°31'04	
minimum elong	-10004 Dec 16 j 09:57	16°♎12'18	1°31'00	
	-10004 Dec 23 j 00:33	0°♏		
evening rise	-10004 Dec 23 j 20:13	1°♏41'53		
asc. node	-10004 Dec 28 j 02:39	10°♏16'50		
	-10003 Jan 09 j 13:09	0°♐		
evening max el	-10003 Jan 12 j 10:28	3°♐02'02	21°04'18	
retrograde	-10003 Jan 23 j 19:55	8°♐24'04		
evening set	-10003 Jan 26 j 13:06	8°♐06'55		
inferior conj	-10003 Feb 04 j 12:26	4°♐08'15	2°06'39	
minimum elong	-10003 Feb 04 j 17:25	4°♐01'06	2°04'42	
min. Earth dist.	-10003 Feb 05 j 10:17	3°♐36'53	0.55490 AU	
desc. node	-10003 Feb 12 j 20:06	0°♐09'55		
	-10003 Feb 13 j 10:54	30°℞♏		
morning rise	-10003 Feb 13 j 20:49	29°♏54'12		
direct	-10003 Feb 16 j 22:09	29°♏33'38		
	-10003 Feb 20 j 07:34	0°♐		
morning max el	-10003 Mar 01 j 20:40	5°♐51'47	22°26'25	
	-10003 Mar 18 j 10:13	0°♑		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-10003 Mar 23 j 15:05	10°♉25'05	
asc. node	-10003 Mar 26 j 01:16	15°♉30'30	
superior conj	-10003 Mar 30 j 21:18	25°♉45'34	0°45'27
minimum elong	-10003 Mar 30 j 19:23	25°♉35'29	0°44'34
	-10003 Apr 01 j 21:52	0°♒	
max. Earth dist.	-10003 Apr 02 j 18:59	1°♒49'30	1.34353 AU
evening rise	-10003 Apr 07 j 20:25	11°♒59'55	
	-10003 Apr 17 j 16:51	0°♓	
	-10003 May 08 j 15:07	0°♈	
desc. node	-10003 May 11 j 18:45	3°♈21'41	
evening max el	-10003 May 12 j 09:18	3°♈57'38	27°13'42
retrograde	-10003 May 25 j 19:44	11°♈28'08	
evening set	-10003 Jun 01 j 17:46	8°♈42'39	
min. Earth dist.	-10003 Jun 05 j 11:31	5°♈04'58	0.64595 AU
inferior conj	-10003 Jun 07 j 16:12	2°♈36'36	-3°25'24
minimum elong	-10003 Jun 07 j 18:14	2°♈30'52	3°25'10
	-10003 Jun 10 j 02:10	30°℞♓	
morning rise	-10003 Jun 13 j 19:10	27°♓06'09	
direct	-10003 Jun 16 j 17:12	26°♓20'37	
asc. node	-10003 Jun 22 j 01:44	28°♓46'12	
morning max el	-10003 Jun 23 j 05:31	29°♓51'12	18°16'54
	-10003 Jun 23 j 09:00	0°♈	
morning set	-10003 Jul 11 j 21:09	28°♈11'39	
	-10003 Jul 12 j 23:03	0°♉	
superior conj	-10003 Jul 25 j 20:21	21°♉08'39	1°11'41
minimum elong	-10003 Jul 26 j 02:56	21°♉35'05	1°11'27
max. Earth dist.	-10003 Jul 29 j 13:04	27°♉03'05	1.44310 AU
	-10003 Jul 31 j 09:39	0°♊	
desc. node	-10003 Aug 07 j 16:00	11°♊25'35	
evening rise	-10003 Aug 11 j 11:37	17°♊23'06	
	-10003 Aug 19 j 15:05	0°♋	
greatest brilliancy	-10003 Aug 23 j 10:15	5°♋47'35	-0.7m
evening max el	-10003 Sep 05 j 12:03	23°♋27'04	19°46'00
retrograde	-10003 Sep 12 j 21:34	27°♋43'53	
evening set	-10003 Sep 16 j 08:43	26°♋34'08	
asc. node	-10003 Sep 18 j 01:49	25°♋09'31	
inferior conj	-10003 Sep 21 j 22:23	20°♋35'48	1°14'01
minimum elong	-10003 Sep 21 j 20:41	20°♋41'18	1°13'55
min. Earth dist.	-10003 Sep 22 j 23:38	19°♋13'22	0.66216 AU
morning rise	-10003 Sep 27 j 08:24	14°♋18'41	
direct	-10003 Oct 03 j 05:43	11°♋47'29	
morning max el	-10003 Oct 15 j 07:52	18°♋55'17	25°32'33
	-10003 Oct 24 j 19:06	0°♌	
desc. node	-10003 Nov 03 j 15:42	13°♌52'00	
	-10003 Nov 13 j 19:22	0°♍	
morning set	-10003 Nov 20 j 10:35	11°♍34'27	
max. Earth dist.	-10003 Nov 24 j 08:04	18°♍46'48	1.36570 AU
superior conj	-10003 Nov 30 j 01:48	29°♍55'56	-1°40'11
minimum elong	-10003 Nov 30 j 02:52	0°♎01'18	1°40'05
	-10003 Nov 30 j 02:37	0°♎	
evening rise	-10003 Dec 08 j 01:38	16°♎07'56	
asc. node	-10003 Dec 14 j 23:57	29°♎31'16	
	-10003 Dec 15 j 06:24	0°♏	
evening max el	-10003 Dec 25 j 20:20	14°♏43'45	19°50'52
retrograde	-10002 Jan 04 j 15:29	19°♏20'36	
evening set	-10002 Jan 07 j 04:30	19°♏03'22	
inferior conj	-10002 Jan 15 j 15:57	14°♏59'40	3°27'15
minimum elong	-10002 Jan 15 j 21:14	14°♏51'21	3°25'50
min. Earth dist.	-10002 Jan 17 j 23:43	13°♏32'33	0.56311 AU
morning rise	-10002 Jan 24 j 11:58	10°♏22'13	
direct	-10002 Jan 28 j 18:16	9°♏41'44	
desc. node	-10002 Jan 30 j 16:59	9°♏50'25	
morning max el	-10002 Feb 11 j 13:17	16°♏35'40	24°03'37
	-10002 Feb 22 j 06:48	0°♐	

morning set	-10002 Mar 08 j 03:21	25°♐28'37	
	-10002 Mar 10 j 06:37	0°♉	
asc. node	-10002 Mar 12 j 22:17	5°♉42'13	
superior conj	-10002 Mar 15 j 04:39	10°♉35'17	0°22'01
minimum elong	-10002 Mar 15 j 03:44	10°♉30'17	0°21'15
max. Earth dist.	-10002 Mar 16 j 23:52	14°♉26'42	1.33492 AU
evening rise	-10002 Mar 22 j 16:52	26°♉17'52	
	-10002 Mar 24 j 13:37	0°♒	
	-10002 Apr 11 j 02:43	0°♓	
evening max el	-10002 Apr 24 j 18:55	16°♓50'53	27°26'24
desc. node	-10002 Apr 28 j 16:04	20°♓13'54	
retrograde	-10002 May 08 j 14:06	24°♓22'54	
evening set	-10002 May 15 j 13:56	21°♓51'50	
min. Earth dist.	-10002 May 19 j 05:14	18°♓43'50	0.62985 AU
inferior conj	-10002 May 22 j 00:12	15°♓54'33	-3°38'42
minimum elong	-10002 May 22 j 00:57	15°♓52'40	3°38'52
morning rise	-10002 May 28 j 13:02	10°♓42'28	
direct	-10002 May 31 j 06:31	10°♓06'37	
morning max el	-10002 Jun 06 j 19:31	13°♓29'05	18°01'55
asc. node	-10002 Jun 08 j 22:34	15°♓50'37	
	-10002 Jun 18 j 04:00	0°♈	
morning set	-10002 Jun 23 j 19:30	9°♈51'37	
superior conj	-10002 Jul 05 j 21:38	0°♉38'56	1°38'26
minimum elong	-10002 Jul 06 j 02:13	0°♉58'01	1°38'24
	-10002 Jul 05 j 12:19	0°♉	
max. Earth dist.	-10002 Jul 12 j 02:38	10°♉51'00	1.43326 AU
evening rise	-10002 Jul 21 j 13:10	25°♉48'51	
	-10002 Jul 24 j 06:01	0°♊	
desc. node	-10002 Jul 25 j 13:15	2°♊00'06	
	-10002 Aug 13 j 18:05	0°♋	
evening max el	-10002 Aug 19 j 13:29	6°♋53'02	20°49'26
retrograde	-10002 Aug 27 j 18:20	11°♋42'20	
evening set	-10002 Aug 31 j 16:34	10°♋14'27	
asc. node	-10002 Sep 04 j 22:53	5°♋37'23	
inferior conj	-10002 Sep 06 j 01:37	4°♋07'30	0°21'40
minimum elong	-10002 Sep 06 j 01:07	4°♋09'12	0°22'04
min. Earth dist.	-10002 Sep 06 j 15:55	3°♋18'56	0.66845 AU
	-10002 Sep 09 j 05:53	30°℞♊	
morning rise	-10002 Sep 11 j 09:30	27°♊47'52	
direct	-10002 Sep 16 j 16:03	25°♊33'41	
	-10002 Sep 25 j 10:32	0°♋	
morning max el	-10002 Sep 27 j 17:32	2°♋10'43	24°12'43
	-10002 Oct 18 j 21:56	0°♌	
desc. node	-10002 Oct 21 j 12:28	3°♌58'23	
morning set	-10002 Nov 02 j 06:11	23°♌05'20	
	-10002 Nov 06 j 04:50	0°♍	
max. Earth dist.	-10002 Nov 06 j 07:05	0°♍10'04	1.38462 AU
superior conj	-10002 Nov 13 j 07:54	13°♍10'09	-1°42'09
minimum elong	-10002 Nov 13 j 07:18	13°♍07'17	1°41'55
	-10002 Nov 21 j 22:51	0°♎	
evening rise	-10002 Nov 22 j 01:05	0°♎11'00	
asc. node	-10002 Dec 01 j 21:15	18°♎12'39	
evening max el	-10002 Dec 08 j 16:17	26°♎59'19	18°56'24
	-10002 Dec 12 j 20:00	0°♏	
retrograde	-10002 Dec 17 j 02:23	1°♏01'50	
evening set	-10002 Dec 19 j 14:21	0°♏41'57	
	-10002 Dec 21 j 14:05	30°℞♎	
inferior conj	-10002 Dec 27 j 12:02	26°♎22'07	4°08'35
minimum elong	-10002 Dec 27 j 14:16	26°♎18'06	4°08'13
min. Earth dist.	-10002 Dec 30 j 14:30	24°♎09'13	0.57783 AU
morning rise	-10001 Jan 04 j 12:03	21°♎19'21	
direct	-10001 Jan 10 j 02:03	20°♎05'00	
desc. node	-10001 Jan 17 j 13:49	22°♎15'07	
morning max el	-10001 Jan 24 j 04:21	27°♎19'16	25°35'32

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-10001 Jan 26 j 18:59	0°♏	
	-10001 Feb 15 j 10:07	0°♐	
morning set	-10001 Feb 20 j 15:39	10°♐33'32	
superior conj	-10001 Feb 27 j 15:07	25°♐35'25	-0°01'45
minimum elong	-10001 Feb 27 j 15:13	25°♐35'57	0°02'19
behind sun begin	-10001 Feb 27 j 10:14	25°♐08'48	
behind sun end	-10001 Feb 27 j 20:12	26°♐03'04	
asc. node	-10001 Feb 27 j 19:23	25°♐58'36	
max. Earth dist.	-10001 Feb 28 j 10:47	27°♐22'20	1.32964 AU
	-10001 Mar 01 j 15:53	0°♑	
evening rise	-10001 Mar 06 j 20:20	10°♑57'39	
	-10001 Mar 16 j 20:26	0°♒	
evening max el	-10001 Apr 07 j 00:48	29°♒11'49	27°06'47
	-10001 Apr 07 j 21:16	0°♓	
desc. node	-10001 Apr 15 j 13:22	5°♓22'59	
retrograde	-10001 Apr 21 j 01:42	6°♓40'44	
evening set	-10001 Apr 27 j 17:52	4°♓37'10	
min. Earth dist.	-10001 May 01 j 13:49	1°♓46'06	0.61081 AU
	-10001 May 03 j 13:53	30°℞♒	
inferior conj	-10001 May 04 j 19:38	28°♒52'58	-3°34'55
minimum elong	-10001 May 04 j 18:24	28°♒55'44	3°35'12
morning rise	-10001 May 11 j 20:54	24°♒00'47	
direct	-10001 May 14 j 10:30	23°♒33'17	
morning max el	-10001 May 21 j 08:49	26°♒59'13	18°05'30
	-10001 May 24 j 01:19	0°♓	
asc. node	-10001 May 26 j 19:23	3°♓49'41	
morning set	-10001 Jun 06 j 13:30	22°♓28'57	
	-10001 Jun 10 j 15:58	0°♈	
superior conj	-10001 Jun 17 j 02:11	11°♈30'11	1°49'18
minimum elong	-10001 Jun 17 j 03:12	11°♈34'37	1°49'20
max. Earth dist.	-10001 Jun 24 j 10:19	24°♈02'53	1.41817 AU
	-10001 Jun 28 j 01:07	0°♉	
evening rise	-10001 Jun 30 j 20:15	4°♉30'33	
desc. node	-10001 Jul 12 j 10:35	22°♉25'14	
	-10001 Jul 17 j 14:30	0°♊	
evening max el	-10001 Aug 02 j 08:03	20°♊15'17	22°04'18
retrograde	-10001 Aug 11 j 13:44	25°♊43'47	
evening set	-10001 Aug 16 j 00:59	23°♊55'35	
inferior conj	-10001 Aug 21 j 07:18	17°♊43'02	-0°29'32
minimum elong	-10001 Aug 21 j 07:55	17°♊40'53	0°28'43
min. Earth dist.	-10001 Aug 21 j 11:13	17°♊29'29	0.67185 AU
asc. node	-10001 Aug 22 j 19:55	15°♊37'56	
morning rise	-10001 Aug 26 j 14:44	11°♊24'35	
direct	-10001 Aug 31 j 07:11	9°♊29'17	
morning max el	-10001 Sep 10 j 04:51	15°♊26'31	22°48'08
	-10001 Sep 21 j 23:14	0°♋	
desc. node	-10001 Oct 08 j 09:19	24°♋20'00	
	-10001 Oct 11 j 22:47	0°♌	
morning set	-10001 Oct 13 j 23:36	3°♌18'08	
max. Earth dist.	-10001 Oct 19 j 05:36	12°♌03'45	1.40462 AU
superior conj	-10001 Oct 26 j 21:29	25°♌31'16	-1°34'32
minimum elong	-10001 Oct 26 j 18:39	25°♌18'29	1°33'59
	-10001 Oct 29 j 08:18	0°♍	
evening rise	-10001 Nov 05 j 15:48	13°♍43'40	
	-10001 Nov 14 j 15:15	0°♎	
asc. node	-10001 Nov 18 j 18:33	6°♎10'08	
evening max el	-10001 Nov 21 j 20:45	9°♎43'38	18°22'12
retrograde	-10001 Nov 29 j 06:58	13°♎24'51	
evening set	-10001 Dec 01 j 19:14	13°♎00'45	
inferior conj	-10001 Dec 09 j 03:39	8°♎20'06	4°14'21
minimum elong	-10001 Dec 09 j 02:30	8°♎22'29	4°14'17
min. Earth dist.	-10001 Dec 12 j 09:23	5°♎39'49	0.59604 AU
morning rise	-10001 Dec 16 j 08:05	2°♎56'28	
direct	-10001 Dec 22 j 21:44	1°♎03'25	

desc. node	-10000 Jan 04 j 10:36	7°♎02'51	
morning max el	-10000 Jan 05 j 23:29	8°♎27'54	26°47'23
	-10000 Jan 22 j 09:12	0°♏	
morning set	-10000 Feb 05 j 02:15	25°♏33'15	
	-10000 Feb 07 j 04:51	0°♐	
superior conj	-10000 Feb 12 j 02:55	10°♐39'39	-0°24'58
minimum elong	-10000 Feb 12 j 03:57	10°♐45'19	0°25'17
max. Earth dist.	-10000 Feb 12 j 00:16	10°♐25'10	1.32760 AU
asc. node	-10000 Feb 14 j 16:31	16°♐15'34	
evening rise	-10000 Feb 19 j 04:22	25°♐50'58	
	-10000 Feb 21 j 04:50	0°♑	
	-10000 Mar 09 j 18:05	0°♒	
evening max el	-10000 Mar 19 j 01:28	10°♒55'46	26°15'22
desc. node	-10000 Apr 01 j 10:36	18°♒14'44	
retrograde	-10000 Apr 02 j 04:42	18°♒16'10	
evening set	-10000 Apr 08 j 02:50	16°♒48'18	
min. Earth dist.	-10000 Apr 12 j 14:47	13°♒58'51	0.59079 AU
inferior conj	-10000 Apr 15 j 22:56	11°♒24'04	-3°07'33
minimum elong	-10000 Apr 15 j 19:37	11°♒30'32	3°07'30
morning rise	-10000 Apr 23 j 15:16	6°♒51'56	
direct	-10000 Apr 26 j 01:09	6°♒31'27	
morning max el	-10000 May 03 j 18:34	10°♒13'54	18°28'14
asc. node	-10000 May 12 j 16:14	22°♒31'22	
	-10000 May 16 j 19:47	0°♓	
morning set	-10000 May 19 j 22:26	5°♓53'19	
superior conj	-10000 May 29 j 06:48	23°♓34'43	1°47'19
minimum elong	-10000 May 29 j 05:12	23°♓27'19	1°47'08
	-10000 Jun 01 j 19:32	0°♈	
max. Earth dist.	-10000 Jun 05 j 12:31	6°♈32'28	1.40004 AU
evening rise	-10000 Jun 10 j 02:48	14°♈21'40	
	-10000 Jun 19 j 20:51	0°♉	
desc. node	-10000 Jun 28 j 07:59	12°♉36'18	
	-10000 Jul 11 j 13:07	0°♊	
evening max el	-10000 Jul 14 j 21:06	3°♊36'24	23°25'36
retrograde	-10000 Jul 25 j 06:21	9°♊45'48	
evening set	-10000 Jul 30 j 08:05	7°♊36'36	
inferior conj	-10000 Aug 04 j 13:39	1°♊21'17	-1°18'00
minimum elong	-10000 Aug 04 j 15:14	1°♊15'49	1°16'56
min. Earth dist.	-10000 Aug 04 j 07:05	1°♊43'50	0.67235 AU
	-10000 Aug 05 j 13:26	30°℞♉	
asc. node	-10000 Aug 08 j 16:53	26°♉13'08	
morning rise	-10000 Aug 09 j 22:17	25°♉07'39	
direct	-10000 Aug 14 j 02:02	23°♉31'02	
morning max el	-10000 Aug 22 j 20:35	28°♉45'24	21°26'53
	-10000 Aug 24 j 00:37	0°♊	
	-10000 Sep 14 j 16:20	0°♋	
morning set	-10000 Sep 22 j 15:20	12°♋18'23	
desc. node	-10000 Sep 24 j 06:13	14°♋52'07	
max. Earth dist.	-10000 Sep 30 j 09:31	24°♋46'23	1.42295 AU
	-10000 Oct 03 j 13:12	0°♌	
superior conj	-10000 Oct 07 j 12:50	6°♌45'07	-1°14'44
minimum elong	-10000 Oct 07 j 08:10	6°♌25'07	1°13'46
evening rise	-10000 Oct 18 j 18:11	26°♌38'04	
	-10000 Oct 20 j 14:50	0°♍	
evening max el	-10000 Nov 04 j 07:03	22°♍49'11	18°07'55
asc. node	-10000 Nov 04 j 15:51	23°♍10'40	
retrograde	-10000 Nov 11 j 03:06	26°♍21'18	
evening set	-10000 Nov 13 j 16:51	25°♍51'29	
inferior conj	-10000 Nov 20 j 13:09	20°♍49'12	3°54'45
minimum elong	-10000 Nov 20 j 10:00	20°♍56'40	3°54'26
min. Earth dist.	-10000 Nov 23 j 11:28	18°♍03'03	0.61477 AU
morning rise	-10000 Nov 27 j 02:00	15°♍08'36	
direct	-10000 Dec 04 j 02:55	12°♍44'24	
morning max el	-10000 Dec 18 j 00:50	20°♍14'30	27°28'18

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-10000 Dec 21 j 07:19	23°♍38'49	
	-10000 Dec 26 j 12:52	0°♎	
	-9999 Jan 14 j 03:49	0°♏	
morning set	-9999 Jan 19 j 09:05	10°♏19'40	
max. Earth dist.	-9999 Jan 25 j 12:37	23°♏21'18	1.32893 AU
superior conj	-9999 Jan 26 j 14:20	25°♏41'01	-0°46'53
minimum elong	-9999 Jan 26 j 16:07	25°♏50'43	0°46'59
	-9999 Jan 28 j 13:54	0°♐	
asc. node	-9999 Jan 31 j 13:42	6°♐28'25	
evening rise	-9999 Feb 02 j 14:56	10°♐49'39	
	-9999 Feb 12 j 13:37	0°♑	
evening max el	-9999 Feb 28 j 20:55	22°♑05'26	24°58'01
retrograde	-9999 Mar 14 j 20:29	29°♑08'44	
desc. node	-9999 Mar 19 j 07:45	28°♑22'45	
evening set	-9999 Mar 19 j 16:48	28°♑14'48	
min. Earth dist.	-9999 Mar 25 j 10:09	25°♑13'47	0.57263 AU
inferior conj	-9999 Mar 28 j 06:58	23°♑18'38	-2°09'54
minimum elong	-9999 Mar 28 j 02:56	23°♑25'26	2°09'25
morning rise	-9999 Apr 05 j 16:13	19°♑04'33	
direct	-9999 Apr 07 j 22:50	18°♑49'20	
morning max el	-9999 Apr 16 j 21:46	23°♑02'47	19°10'44
	-9999 Apr 22 j 15:03	0°♒	
asc. node	-9999 Apr 29 j 13:06	11°♒44'57	
morning set	-9999 May 03 j 18:14	19°♒53'51	
	-9999 May 08 j 20:38	0°♓	
superior conj	-9999 May 12 j 05:54	6°♓36'57	1°36'14
minimum elong	-9999 May 12 j 03:05	6°♓23'23	1°35'43
max. Earth dist.	-9999 May 18 j 13:07	18°♓27'41	1.38130 AU
evening rise	-9999 May 22 j 12:38	25°♓34'46	
	-9999 May 25 j 01:57	0°♈	
	-9999 Jun 13 j 10:46	0°♉	
desc. node	-9999 Jun 15 j 05:23	2°♉26'22	
evening max el	-9999 Jun 27 j 07:19	16°♉58'50	24°46'27
retrograde	-9999 Jul 08 j 19:13	23°♉44'24	
evening set	-9999 Jul 14 j 11:58	21°♉15'51	
min. Earth dist.	-9999 Jul 19 j 01:01	16°♉00'00	0.66966 AU
inferior conj	-9999 Jul 19 j 18:53	15°♉00'12	-2°02'19
minimum elong	-9999 Jul 19 j 21:10	14°♉52'33	2°01'14
morning rise	-9999 Jul 25 j 06:20	8°♉54'57	
asc. node	-9999 Jul 26 j 13:47	8°♉08'30	
direct	-9999 Jul 28 j 23:17	7°♉35'31	
morning max el	-9999 Aug 05 j 18:43	12°♉10'35	20°15'03
	-9999 Aug 19 j 03:41	0°♊	
morning set	-9999 Sep 01 j 17:33	20°♊43'49	
	-9999 Sep 07 j 15:45	0°♋	
desc. node	-9999 Sep 11 j 03:14	5°♋30'47	
max. Earth dist.	-9999 Sep 12 j 20:27	8°♋15'29	1.43694 AU
superior conj	-9999 Sep 18 j 01:01	16°♋39'44	-0°41'15
minimum elong	-9999 Sep 17 j 20:57	16°♋23'08	0°40'12
	-9999 Sep 26 j 01:10	0°♌	
evening rise	-9999 Oct 01 j 03:39	8°♌43'45	
	-9999 Oct 13 j 23:22	0°♍	
evening max el	-9999 Oct 18 j 20:12	6°♍08'33	18°12'46
asc. node	-9999 Oct 22 j 13:05	8°♍58'47	
retrograde	-9999 Oct 25 j 10:46	9°♍42'03	
evening set	-9999 Oct 28 j 03:39	9°♍04'40	
inferior conj	-9999 Nov 03 j 13:15	3°♍42'37	3°19'09
minimum elong	-9999 Nov 03 j 09:33	3°♍52'29	3°18'33
min. Earth dist.	-9999 Nov 05 j 23:13	1°♍08'19	0.63179 AU
	-9999 Nov 07 j 02:21	30°℞♌	
morning rise	-9999 Nov 09 j 14:42	27°♌47'42	
direct	-9999 Nov 16 j 15:43	25°♌05'56	
	-9999 Nov 27 j 08:58	0°♍	
morning max el	-9999 Nov 30 j 07:41	2°♍39'32	27°34'14

desc. node	-9999 Dec 08 j 04:01	11°♍32'48	
	-9999 Dec 20 j 19:29	0°♎	
morning set	-9998 Jan 03 j 09:52	24°♎44'51	
	-9998 Jan 05 j 23:47	0°♏	
max. Earth dist.	-9998 Jan 08 j 20:11	5°♏58'18	1.33391 AU
superior conj	-9998 Jan 10 j 23:42	10°♏33'21	-1°06'39
minimum elong	-9998 Jan 11 j 01:56	10°♏45'20	1°06'38
evening rise	-9998 Jan 18 j 02:18	25°♏47'19	
asc. node	-9998 Jan 18 j 10:57	26°♏32'37	
	-9998 Jan 20 j 03:05	0°♐	
	-9998 Feb 07 j 17:29	0°♑	
evening max el	-9998 Feb 10 j 14:00	2°♑56'41	23°26'08
retrograde	-9998 Feb 23 j 23:38	9°♑30'27	
evening set	-9998 Feb 27 j 17:28	8°♑59'43	
desc. node	-9998 Mar 06 j 04:47	6°♑06'47	
min. Earth dist.	-9998 Mar 07 j 02:09	5°♑35'38	0.55950 AU
inferior conj	-9998 Mar 08 j 19:34	4°♑33'56	-0°40'37
minimum elong	-9998 Mar 08 j 17:52	4°♑36'29	0°40'38
morning rise	-9998 Mar 17 j 20:38	0°♑31'18	
direct	-9998 Mar 20 j 02:34	0°♑18'41	
morning max el	-9998 Mar 30 j 15:40	5°♑16'52	20°13'04
	-9998 Apr 15 j 17:22	0°♒	
asc. node	-9998 Apr 16 j 10:01	1°♒22'40	
morning set	-9998 Apr 17 j 21:39	4°♒21'50	
superior conj	-9998 Apr 25 j 18:29	20°♒23'14	1°19'11
minimum elong	-9998 Apr 25 j 15:33	20°♒08'29	1°18'23
max. Earth dist.	-9998 Apr 30 j 17:51	0°♓10'43	1.36415 AU
	-9998 Apr 30 j 15:37	0°♓	
evening rise	-9998 May 04 j 21:40	7°♓59'44	
	-9998 May 17 j 19:31	0°♈	
desc. node	-9998 Jun 02 j 02:46	21°♈46'31	
	-9998 Jun 09 j 08:14	0°♉	
evening max el	-9998 Jun 09 j 17:12	0°♉22'20	25°58'26
retrograde	-9998 Jun 22 j 03:40	7°♉34'33	
evening set	-9998 Jun 28 j 10:28	4°♉51'44	
min. Earth dist.	-9998 Jul 02 j 14:41	0°♉15'00	0.66347 AU
	-9998 Jul 02 j 19:25	30°℞♈	
inferior conj	-9998 Jul 03 j 21:09	28°♈37'54	-2°40'58
minimum elong	-9998 Jul 03 j 23:46	28°♈29'34	2°40'04
morning rise	-9998 Jul 09 j 13:09	22°♈44'08	
direct	-9998 Jul 12 j 21:13	21°♈39'47	
asc. node	-9998 Jul 13 j 10:39	21°♈41'32	
morning max el	-9998 Jul 19 j 23:25	25°♈42'53	19°16'30
	-9998 Jul 23 j 15:03	0°♉	
morning set	-9998 Aug 12 j 02:40	29°♉30'56	
	-9998 Aug 12 j 10:02	0°♊	
max. Earth dist.	-9998 Aug 26 j 12:00	22°♊12'53	1.44480 AU
superior conj	-9998 Aug 28 j 11:21	25°♊20'36	0°03'18
minimum elong	-9998 Aug 28 j 11:49	25°♊22'30	0°03'48
behind sun begin	-9998 Aug 28 j 00:46	24°♊38'36	
behind sun end	-9998 Aug 28 j 22:53	26°♊06'25	
desc. node	-9998 Aug 29 j 00:18	26°♊12'04	
	-9998 Aug 31 j 09:32	0°♋	
evening rise	-9998 Sep 12 j 14:38	19°♋46'32	
	-9998 Sep 18 j 20:09	0°♌	
evening max el	-9998 Oct 02 j 09:13	19°♌34'29	18°35'47
retrograde	-9998 Oct 09 j 01:51	23°♌18'20	
asc. node	-9998 Oct 09 j 10:17	23°♌17'39	
evening set	-9998 Oct 11 j 23:56	22°♌30'56	
inferior conj	-9998 Oct 18 j 00:28	16°♌52'15	2°34'05
minimum elong	-9998 Oct 17 j 21:11	17°♌01'53	2°33'30
min. Earth dist.	-9998 Oct 19 j 21:06	14°♌41'15	0.64601 AU
morning rise	-9998 Oct 23 j 17:53	10°♌45'51	
direct	-9998 Oct 30 j 11:19	8°♌00'01	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-9998 Nov 12 j 17:26	15°♌32'25	27°07'05
	-9998 Nov 24 j 18:35	0°♍	
desc. node	-9998 Nov 25 j 00:43	0°♍21'14	
	-9998 Dec 13 j 11:29	0°♎	
morning set	-9998 Dec 18 j 01:31	8°♎38'01	
max. Earth dist.	-9998 Dec 22 j 19:09	18°♎04'25	1.34288 AU
superior conj	-9998 Dec 26 j 05:00	25°♎09'12	-1°23'20
minimum elong	-9998 Dec 26 j 07:15	25°♎21'02	1°23'17
	-9998 Dec 28 j 12:04	0°♏	
evening rise	-9997 Jan 02 j 12:44	10°♏37'02	
asc. node	-9997 Jan 05 j 08:12	16°♏22'22	
	-9997 Jan 12 j 17:59	0°♐	
evening max el	-9997 Jan 23 j 10:05	13°♐53'17	21°53'22
retrograde	-9997 Feb 04 j 16:37	19°♐44'05	
evening set	-9997 Feb 07 j 15:29	19°♐24'38	
inferior conj	-9997 Feb 16 j 18:45	15°♐20'25	1°07'08
minimum elong	-9997 Feb 16 j 21:39	15°♐16'18	1°05'39
min. Earth dist.	-9997 Feb 16 j 16:48	15°♐23'12	0.55401 AU
desc. node	-9997 Feb 21 j 01:44	13°♐01'46	
morning rise	-9997 Feb 26 j 04:12	11°♐15'12	
direct	-9997 Feb 28 j 18:02	11°♐00'15	
morning max el	-9997 Mar 12 j 22:34	16°♐50'41	21°33'42
	-9997 Mar 23 j 01:43	0°♑	
morning set	-9997 Apr 02 j 06:09	19°♑09'23	
asc. node	-9997 Apr 03 j 06:58	21°♑17'59	
	-9997 Apr 07 j 10:38	0°♒	
superior conj	-9997 Apr 09 j 16:38	4°♒41'50	0°58'26
minimum elong	-9997 Apr 09 j 14:14	4°♒29'24	0°57'31
max. Earth dist.	-9997 Apr 13 j 07:24	12°♒06'16	1.35000 AU
evening rise	-9997 Apr 18 j 00:10	21°♒20'30	
	-9997 Apr 22 j 16:03	0°♓	
	-9997 May 11 j 14:51	0°♈	
desc. node	-9997 May 20 j 00:07	10°♈24'35	
evening max el	-9997 May 23 j 03:48	13°♈42'28	26°53'08
retrograde	-9997 Jun 05 j 07:19	21°♈10'05	
evening set	-9997 Jun 12 j 01:11	18°♈21'58	
min. Earth dist.	-9997 Jun 15 j 21:59	14°♈23'53	0.65342 AU
inferior conj	-9997 Jun 17 j 18:24	12°♈12'09	-3°12'02
minimum elong	-9997 Jun 17 j 20:49	12°♈04'56	3°11'31
morning rise	-9997 Jun 23 j 16:47	6°♈32'35	
direct	-9997 Jun 26 j 17:54	5°♈40'57	
asc. node	-9997 Jun 30 j 07:31	6°♈48'33	
morning max el	-9997 Jul 03 j 09:27	9°♈20'57	18°33'45
	-9997 Jul 17 j 16:43	0°♉	
morning set	-9997 Jul 23 j 09:50	9°♉20'23	
	-9997 Aug 05 j 05:11	0°♊	
superior conj	-9997 Aug 07 j 10:55	3°♊33'28	0°49'17
minimum elong	-9997 Aug 07 j 16:31	3°♊55'40	0°49'09
max. Earth dist.	-9997 Aug 09 j 04:48	6°♊19'20	1.44569 AU
desc. node	-9997 Aug 15 j 21:27	16°♊53'18	
evening rise	-9997 Aug 23 j 22:55	29°♊36'13	
	-9997 Aug 24 j 04:57	0°♋	
	-9997 Sep 13 j 03:24	0°♌	
evening max el	-9997 Sep 15 j 19:27	3°♌02'57	19°15'51
retrograde	-9997 Sep 22 j 21:03	7°♌05'34	
evening set	-9997 Sep 26 j 02:41	6°♌05'04	
asc. node	-9997 Sep 26 j 07:26	5°♌57'27	
inferior conj	-9997 Oct 01 j 19:49	0°♌13'04	1°43'59
minimum elong	-9997 Oct 01 j 17:28	0°♌20'29	1°43'39
	-9997 Oct 01 j 23:56	30°℞♋	
min. Earth dist.	-9997 Oct 03 j 03:54	28°♋31'40	0.65713 AU
morning rise	-9997 Oct 07 j 07:53	23°♋58'39	
direct	-9997 Oct 13 j 13:13	21°♋19'38	
morning max el	-9997 Oct 26 j 03:32	28°♋40'42	26°12'47
	-9997 Oct 27 j 10:33	0°♌	
desc. node	-9997 Nov 11 j 21:27	19°♌48'19	
	-9997 Nov 18 j 13:12	0°♍	
morning set	-9997 Dec 01 j 04:08	21°♍47'17	
	-9997 Dec 05 j 11:30	0°♎	
max. Earth dist.	-9997 Dec 05 j 06:59	29°♍37'56	1.35615 AU
superior conj	-9997 Dec 10 j 03:54	9°♎21'07	-1°35'41
minimum elong	-9997 Dec 10 j 05:36	9°♎29'48	1°35'37
evening rise	-9997 Dec 17 j 20:31	25°♎13'16	
	-9997 Dec 20 j 05:08	0°♏	
asc. node	-9997 Dec 23 j 05:29	5°♏51'44	
evening max el	-9996 Jan 05 j 14:17	25°♏16'18	20°30'54
	-9996 Jan 13 j 15:36	0°♐	
retrograde	-9996 Jan 16 j 07:38	0°♐18'19	
evening set	-9996 Jan 18 j 22:06	0°♐01'46	
	-9996 Jan 19 j 01:25	30°℞♏	
inferior conj	-9996 Jan 27 j 16:56	26°♏02'55	2°45'15
minimum elong	-9996 Jan 27 j 22:36	25°♏54'32	2°43'21
min. Earth dist.	-9996 Jan 29 j 06:51	25°♏06'52	0.55742 AU
morning rise	-9996 Feb 05 j 21:27	21°♏39'18	
desc. node	-9996 Feb 07 j 22:40	21°♏16'55	
direct	-9996 Feb 09 j 09:48	21°♏12'07	
morning max el	-9996 Feb 22 j 19:16	27°♏48'21	23°07'27
	-9996 Feb 24 j 22:54	0°♐	
	-9996 Mar 14 j 17:16	0°♑	
morning set	-9996 Mar 16 j 17:34	4°♑09'00	
asc. node	-9996 Mar 20 j 03:58	11°♑25'10	
superior conj	-9996 Mar 23 j 21:19	19°♑22'42	0°35'37
minimum elong	-9996 Mar 23 j 19:49	19°♑14'40	0°34'45
max. Earth dist.	-9996 Mar 26 j 07:05	24°♑27'52	1.33941 AU
	-9996 Mar 28 j 23:15	0°♒	
evening rise	-9996 Mar 31 j 15:13	5°♒21'35	
	-9996 Apr 14 j 08:20	0°♓	
evening max el	-9996 May 04 j 14:28	26°♓49'25	27°22'57
desc. node	-9996 May 05 j 21:29	28°♓02'28	
	-9996 May 08 j 04:41	0°♈	
retrograde	-9996 May 18 j 05:30	4°♈22'02	
evening set	-9996 May 25 j 05:06	1°♈41'02	
	-9996 May 27 j 04:03	30°℞♓	
min. Earth dist.	-9996 May 28 j 21:09	28°♓17'04	0.63946 AU
inferior conj	-9996 May 31 j 08:05	25°♓37'58	-3°32'51
minimum elong	-9996 May 31 j 09:40	25°♓33'41	3°32'47
morning rise	-9996 Jun 06 j 14:57	20°♓15'02	
direct	-9996 Jun 09 j 10:48	19°♓33'58	
morning max el	-9996 Jun 15 j 22:39	23°♓00'13	18°08'17
asc. node	-9996 Jun 16 j 04:21	23°♓14'38	
	-9996 Jun 21 j 11:01	0°♈	
morning set	-9996 Jul 03 j 18:41	20°♈21'40	
	-9996 Jul 09 j 10:57	0°♉	
superior conj	-9996 Jul 16 j 22:12	12°♉22'04	1°25'04
minimum elong	-9996 Jul 17 j 04:23	12°♉47'12	1°24'53
max. Earth dist.	-9996 Jul 21 j 20:01	20°♉17'30	1.43962 AU
	-9996 Jul 27 j 23:05	0°♊	
desc. node	-9996 Aug 01 j 18:39	7°♊31'05	
evening rise	-9996 Aug 02 j 07:23	8°♊20'29	
	-9996 Aug 16 j 12:39	0°♋	
evening max el	-9996 Aug 29 j 00:38	16°♋30'29	20°11'28
retrograde	-9996 Sep 05 j 17:44	21°♋00'09	
evening set	-9996 Sep 09 j 09:16	19°♋43'14	
asc. node	-9996 Sep 12 j 04:33	17°♋04'26	
inferior conj	-9996 Sep 14 j 20:46	13°♋41'05	0°51'47
minimum elong	-9996 Sep 14 j 19:35	13°♋45'02	0°51'54
min. Earth dist.	-9996 Sep 15 j 17:21	12°♋32'35	0.66519 AU
morning rise	-9996 Sep 20 j 05:39	7°♋22'21	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-9996 Sep 25 j 20:48	4°♋57'40	
morning max el	-9996 Oct 07 j 12:57	11°♋54'05	24°59'39
	-9996 Oct 22 j 03:09	0°♌	
desc. node	-9996 Oct 28 j 18:13	9°♌42'40	
	-9996 Nov 10 j 06:16	0°♍	
morning set	-9996 Nov 12 j 12:40	3°♍58'10	
max. Earth dist.	-9996 Nov 16 j 08:49	10°♍54'41	1.37339 AU
superior conj	-9996 Nov 22 j 17:17	22°♍59'58	-1°42'02
minimum elong	-9996 Nov 22 j 17:45	23°♍02'11	1°41'55
	-9996 Nov 26 j 06:06	0°♎	
evening rise	-9996 Nov 30 j 23:41	9°♎30'15	
asc. node	-9996 Dec 09 j 02:47	24°♎53'24	
	-9996 Dec 12 j 07:14	0°♏	
evening max el	-9996 Dec 18 j 04:43	7°♏13'54	19°25'22
retrograde	-9996 Dec 27 j 08:39	11°♏34'02	
evening set	-9996 Dec 29 j 21:07	11°♏15'53	
inferior conj	-9995 Jan 07 j 02:47	7°♏06'41	3°49'37
minimum elong	-9995 Jan 07 j 07:01	6°♏59'41	3°48'42
min. Earth dist.	-9995 Jan 09 j 20:45	5°♏18'11	0.56874 AU
morning rise	-9995 Jan 15 j 14:42	2°♏18'13	
direct	-9995 Jan 20 j 11:11	1°♏24'24	
desc. node	-9995 Jan 24 j 19:33	2°♏08'14	
morning max el	-9995 Feb 03 j 10:18	8°♏28'54	24°44'08
	-9995 Feb 19 j 06:43	0°♐	
morning set	-9995 Mar 01 j 06:06	19°♐14'32	
	-9995 Mar 06 j 06:36	0°♑	
asc. node	-9995 Mar 07 j 01:02	1°♑39'54	
superior conj	-9995 Mar 08 j 06:17	4°♑18'24	0°11'56
minimum elong	-9995 Mar 08 j 05:48	4°♑15'45	0°11'15
behind sun begin	-9995 Mar 08 j 02:13	3°♑56'21	
behind sun end	-9995 Mar 08 j 09:23	4°♑35'08	
max. Earth dist.	-9995 Mar 09 j 15:04	7°♑15'18	1.33233 AU
evening rise	-9995 Mar 15 j 15:06	19°♑51'04	
	-9995 Mar 20 j 19:31	0°♒	
	-9995 Apr 08 j 14:48	0°♓	
evening max el	-9995 Apr 16 j 23:03	9°♓31'27	27°22'07
desc. node	-9995 Apr 22 j 18:48	14°♓15'25	
retrograde	-9995 Apr 30 j 21:07	17°♓02'08	
evening set	-9995 May 07 j 18:48	14°♓41'42	
min. Earth dist.	-9995 May 11 j 11:09	11°♓42'20	0.62206 AU
inferior conj	-9995 May 14 j 11:14	8°♓49'16	-3°39'33
minimum elong	-9995 May 14 j 11:12	8°♓49'20	3°39'49
morning rise	-9995 May 21 j 04:59	3°♓45'07	
direct	-9995 May 23 j 20:46	3°♓12'56	
morning max el	-9995 May 30 j 12:37	6°♓35'34	18°01'02
asc. node	-9995 Jun 03 j 01:11	10°♓44'06	
	-9995 Jun 14 j 17:01	0°♈	
morning set	-9995 Jun 16 j 02:02	2°♈27'46	
superior conj	-9995 Jun 27 j 11:03	22°♈26'16	1°44'52
minimum elong	-9995 Jun 27 j 14:06	22°♈39'15	1°44'53
	-9995 Jul 01 j 23:00	0°♉	
max. Earth dist.	-9995 Jul 04 j 07:19	3°♉51'54	1.42744 AU
evening rise	-9995 Jul 12 j 08:29	16°♉45'11	
desc. node	-9995 Jul 19 j 15:57	28°♉02'08	
	-9995 Jul 20 j 23:06	0°♊	
evening max el	-9995 Aug 11 j 23:15	29°♊55'10	21°20'14
	-9995 Aug 12 j 01:09	0°♋	
retrograde	-9995 Aug 20 j 13:58	4°♋59'59	
evening set	-9995 Aug 24 j 17:35	3°♋23'38	
	-9995 Aug 27 j 23:31	30°℞♊	
inferior conj	-9995 Aug 30 j 01:16	27°♊14'13	-0°00'17
minimum elong	-9995 Aug 30 j 01:15	27°♊14'15	0°00'17
transit middle	-9995 Aug 30 j 01:15	27°♊14'15	0°00'17
transit begin	-9995 Aug 29 j 22:32	27°♊23'32	
transit end	-9995 Aug 30 j 03:58	27°♊04'57	
asc. node	-9995 Aug 30 j 01:37	27°♊13'00	
min. Earth dist.	-9995 Aug 30 j 11:08	26°♊40'20	0.67030 AU
morning rise	-9995 Sep 04 j 08:46	20°♊54'50	
direct	-9995 Sep 09 j 09:19	18°♊48'26	
morning max el	-9995 Sep 19 j 22:48	25°♊08'39	23°36'46
	-9995 Sep 24 j 07:39	0°♋	
desc. node	-9995 Oct 15 j 15:00	29°♋56'03	
	-9995 Oct 15 j 16:01	0°♌	
morning set	-9995 Oct 24 j 21:30	14°♌56'00	
max. Earth dist.	-9995 Oct 29 j 06:48	22°♌27'38	1.39314 AU
	-9995 Nov 02 j 12:17	0°♍	
superior conj	-9995 Nov 05 j 17:03	5°♍53'26	-1°40'16
minimum elong	-9995 Nov 05 j 15:32	5°♍46'23	1°39'55
evening rise	-9995 Nov 14 j 19:47	23°♍21'10	
	-9995 Nov 18 j 07:00	0°♎	
asc. node	-9995 Nov 26 j 00:06	13°♎17'30	
evening max el	-9995 Dec 01 j 04:36	19°♎42'31	18°39'25
retrograde	-9995 Dec 09 j 03:06	23°♎34'15	
evening set	-9995 Dec 11 j 15:15	23°♎12'34	
inferior conj	-9995 Dec 19 j 07:07	18°♎43'59	4°14'50
minimum elong	-9995 Dec 19 j 07:49	18°♎42'39	4°14'41
min. Earth dist.	-9995 Dec 22 j 12:33	16°♎17'11	0.58533 AU
morning rise	-9995 Dec 26 j 22:30	13°♎32'11	
direct	-9994 Jan 02 j 00:03	12°♎01'21	
desc. node	-9994 Jan 11 j 16:21	15°♎37'44	
morning max el	-9994 Jan 16 j 02:23	19°♎19'51	26°09'22
	-9994 Jan 25 j 04:12	0°♏	
	-9994 Feb 11 j 15:53	0°♐	
morning set	-9994 Feb 13 j 17:55	4°♐18'14	
superior conj	-9994 Feb 20 j 17:31	19°♐21'00	-0°11'42
minimum elong	-9994 Feb 20 j 18:02	19°♐23'48	0°12'09
behind sun begin	-9994 Feb 20 j 14:50	19°♐06'18	
behind sun end	-9994 Feb 20 j 21:14	19°♐41'17	
max. Earth dist.	-9994 Feb 21 j 03:44	20°♐16'43	1.32845 AU
asc. node	-9994 Feb 21 j 22:09	21°♐57'05	
	-9994 Feb 25 j 15:48	0°♑	
evening rise	-9994 Feb 27 j 20:48	4°♑37'50	
	-9994 Mar 13 j 14:02	0°♒	
evening max el	-9994 Mar 30 j 03:00	21°♒37'21	26°48'30
desc. node	-9994 Apr 09 j 16:04	28°♒30'41	
retrograde	-9994 Apr 13 j 04:56	29°♒02'28	
evening set	-9994 Apr 19 j 14:52	27°♒13'38	
min. Earth dist.	-9994 Apr 23 j 16:08	24°♒25'12	0.60239 AU
inferior conj	-9994 Apr 27 j 00:15	21°♒37'19	-3°26'37
minimum elong	-9994 Apr 26 j 22:05	21°♒41'54	3°26'49
morning rise	-9994 May 04 j 07:36	16°♒53'36	
direct	-9994 May 06 j 19:49	16°♒29'05	
morning max el	-9994 May 14 j 00:43	19°♒59'58	18°12'45
asc. node	-9994 May 20 j 22:01	29°♒02'37	
	-9994 May 21 j 12:11	0°♓	
morning set	-9994 May 30 j 02:57	15°♓26'44	
	-9994 Jun 06 j 23:26	0°♈	
superior conj	-9994 Jun 09 j 02:30	3°♈50'30	1°49'48
minimum elong	-9994 Jun 09 j 02:13	3°♈49'17	1°49'47
max. Earth dist.	-9994 Jun 16 j 13:04	16°♈48'25	1.41074 AU
evening rise	-9994 Jun 22 j 00:15	25°♈52'27	
	-9994 Jun 24 j 13:43	0°♉	
desc. node	-9994 Jul 06 j 13:19	18°♉22'11	
	-9994 Jul 14 j 17:58	0°♊	
evening max el	-9994 Jul 25 j 15:15	13°♊16'55	22°38'27
retrograde	-9994 Aug 04 j 08:17	19°♊02'34	
evening set	-9994 Aug 09 j 01:41	17°♊05'09	
inferior conj	-9994 Aug 14 j 07:26	10°♊51'07	-0°50'31

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9994 Aug 14 j 08:29	10°♊47'27	0°49'35
min. Earth dist.	-9994 Aug 14 j 06:52	10°♊53'02	0.67245 AU
asc. node	-9994 Aug 16 j 22:36	7°♊21'18	
morning rise	-9994 Aug 19 j 15:12	4°♊34'34	
direct	-9994 Aug 24 j 02:02	2°♊47'30	
morning max el	-9994 Sep 02 j 11:48	8°♊25'58	22°12'51
	-9994 Sep 19 j 01:35	0°♋	
desc. node	-9994 Oct 02 j 11:52	20°♋22'54	
morning set	-9994 Oct 05 j 03:26	24°♋35'56	
	-9994 Oct 08 j 11:17	0°♌	
max. Earth dist.	-9994 Oct 11 j 07:51	4°♌44'07	1.41279 AU
superior conj	-9994 Oct 18 j 21:54	17°♌47'50	-1°27'47
minimum elong	-9994 Oct 18 j 18:09	17°♌31'14	1°27'02
	-9994 Oct 25 j 15:42	0°♍	
evening rise	-9994 Oct 29 j 05:48	6°♍39'06	
	-9994 Nov 12 j 04:06	0°♎	
asc. node	-9994 Nov 12 j 21:23	0°♎52'22	
evening max el	-9994 Nov 14 j 11:49	2°♎36'17	18°13'40
retrograde	-9994 Nov 21 j 14:59	6°♎12'37	
evening set	-9994 Nov 24 j 03:38	5°♎46'18	
inferior conj	-9994 Dec 01 j 06:41	0°♎56'00	4°08'34
minimum elong	-9994 Dec 01 j 04:30	1°♎00'50	4°08'25
	-9994 Dec 02 j 07:56	30°℞♍	
min. Earth dist.	-9994 Dec 04 j 10:03	28°♍10'53	0.60406 AU
morning rise	-9994 Dec 08 j 03:56	25°♍24'36	
direct	-9994 Dec 14 j 23:39	23°♍17'15	
	-9994 Dec 28 j 05:33	0°♎	
morning max el	-9994 Dec 29 j 00:19	0°♎44'15	27°09'05
desc. node	-9994 Dec 29 j 13:07	1°♎15'28	
	-9993 Jan 19 j 02:58	0°♏	
morning set	-9993 Jan 29 j 03:11	19°♏13'05	
	-9993 Feb 03 j 04:49	0°♐	
max. Earth dist.	-9993 Feb 04 j 17:18	3°♐18'33	1.32776 AU
superior conj	-9993 Feb 05 j 05:20	4°♐24'16	-0°34'28
minimum elong	-9993 Feb 05 j 06:43	4°♐31'49	0°34'41
asc. node	-9993 Feb 08 j 19:19	12°♐12'30	
evening rise	-9993 Feb 12 j 06:06	19°♐33'44	
	-9993 Feb 17 j 10:33	0°♑	
	-9993 Mar 09 j 01:30	0°♒	
evening max el	-9993 Mar 12 j 01:02	3°♒04'27	25°44'55
retrograde	-9993 Mar 26 j 03:27	10°♒19'13	
desc. node	-9993 Mar 27 j 13:16	10°♒14'22	
evening set	-9993 Mar 31 j 15:27	9°♒06'16	
min. Earth dist.	-9993 Apr 05 j 14:05	6°♒13'36	0.58270 AU
inferior conj	-9993 Apr 08 j 19:34	3°♒53'08	-2°47'07
minimum elong	-9993 Apr 08 j 15:39	4°♒00'17	2°46'49
	-9993 Apr 15 j 05:33	30°℞♑	
morning rise	-9993 Apr 16 j 19:02	29°♑29'31	
direct	-9993 Apr 19 j 03:28	29°♑11'31	
	-9993 Apr 22 j 21:24	0°♒	
morning max el	-9993 Apr 27 j 08:05	3°♒04'54	18°43'54
asc. node	-9993 May 07 j 18:52	17°♒58'44	
morning set	-9993 May 13 j 16:54	29°♒07'18	
	-9993 May 14 j 03:46	0°♓	
superior conj	-9993 May 22 j 15:39	16°♓21'35	1°43'32
minimum elong	-9993 May 22 j 13:22	16°♓10'52	1°43'12
max. Earth dist.	-9993 May 29 j 13:53	29°♓01'08	1.39197 AU
	-9993 May 30 j 03:13	0°♈	
evening rise	-9993 Jun 02 j 18:29	6°♈18'05	
	-9993 Jun 17 j 15:11	0°♉	
desc. node	-9993 Jun 23 j 10:43	8°♉25'12	
evening max el	-9993 Jul 08 j 02:29	26°♉37'17	24°00'29
	-9993 Jul 11 j 21:03	0°♊	
retrograde	-9993 Jul 18 j 23:29	3°♊03'34	
evening set	-9993 Jul 24 j 07:39	0°♊45'30	
	-9993 Jul 25 j 03:00	30°℞♉	
min. Earth dist.	-9993 Jul 29 j 02:10	25°♉08'09	0.67158 AU
inferior conj	-9993 Jul 29 j 13:29	24°♉29'32	-1°37'26
minimum elong	-9993 Jul 29 j 15:25	24°♉22'58	1°36'20
morning rise	-9993 Aug 03 j 23:08	18°♉19'08	
asc. node	-9993 Aug 03 j 19:31	18°♉26'04	
direct	-9993 Aug 07 j 21:56	16°♉50'18	
morning max el	-9993 Aug 16 j 06:13	21°♉47'34	20°54'55
	-9993 Aug 23 j 01:05	0°♊	
	-9993 Sep 12 j 09:02	0°♋	
morning set	-9993 Sep 14 j 11:08	3°♋14'42	
desc. node	-9993 Sep 19 j 08:48	10°♋58'03	
max. Earth dist.	-9993 Sep 23 j 14:39	17°♋47'02	1.42951 AU
superior conj	-9993 Sep 30 j 01:59	28°♋27'51	-1°02'09
minimum elong	-9993 Sep 29 j 21:07	28°♋07'29	1°01'06
	-9993 Sep 30 j 23:52	0°♌	
evening rise	-9993 Oct 12 j 01:35	19°♌13'51	
	-9993 Oct 18 j 04:20	0°♍	
evening max el	-9993 Oct 28 j 23:35	15°♍47'43	18°07'41
asc. node	-9993 Oct 30 j 18:38	17°♍23'34	
retrograde	-9993 Nov 04 j 16:31	19°♍19'33	
evening set	-9993 Nov 07 j 07:14	18°♍46'57	
inferior conj	-9993 Nov 13 j 22:49	13°♍36'02	3°41'10
minimum elong	-9993 Nov 13 j 19:17	13°♍44'54	3°40'42
min. Earth dist.	-9993 Nov 16 j 16:16	10°♍52'49	0.62226 AU
morning rise	-9993 Nov 20 j 06:18	7°♍48'42	
direct	-9993 Nov 27 j 08:18	5°♍15'04	
morning max el	-9993 Dec 11 j 04:25	12°♍48'02	27°35'09
desc. node	-9993 Dec 16 j 09:49	18°♍27'27	
	-9993 Dec 25 j 01:17	0°♎	
	-9992 Jan 11 j 09:40	0°♏	
morning set	-9992 Jan 13 j 07:46	3°♏51'24	
max. Earth dist.	-9992 Jan 19 j 03:55	16°♏07'01	1.33049 AU
superior conj	-9992 Jan 20 j 16:05	19°♏22'17	-0°55'35
minimum elong	-9992 Jan 20 j 18:06	19°♏33'13	0°55'38
	-9992 Jan 25 j 13:55	0°♐	
asc. node	-9992 Jan 26 j 16:31	2°♐21'56	
evening rise	-9992 Jan 27 j 17:10	4°♐32'12	
	-9992 Feb 10 j 12:51	0°♑	
evening max el	-9992 Feb 21 j 18:49	14°♑03'21	24°19'59
retrograde	-9992 Mar 06 j 14:27	20°♑56'45	
evening set	-9992 Mar 10 j 22:49	20°♑14'18	
desc. node	-9992 Mar 13 j 10:22	19°♑15'04	
min. Earth dist.	-9992 Mar 17 j 07:58	17°♑04'44	0.56615 AU
inferior conj	-9992 Mar 19 j 19:06	15°♑30'56	-1°35'35
minimum elong	-9992 Mar 19 j 15:37	15°♑36'28	1°35'08
morning rise	-9992 Mar 28 j 11:32	11°♑23'04	
direct	-9992 Mar 30 j 16:58	11°♑09'32	
morning max el	-9992 Apr 09 j 07:45	15°♑40'50	19°34'53
	-9992 Apr 19 j 16:03	0°♒	
asc. node	-9992 Apr 23 j 15:46	7°♒23'41	
morning set	-9992 Apr 26 j 16:19	13°♒20'49	
superior conj	-9992 May 04 j 21:05	29°♒44'48	1°29'36
minimum elong	-9992 May 04 j 18:07	29°♒30'12	1°28'57
	-9992 May 05 j 00:11	0°♓	
max. Earth dist.	-9992 May 10 j 15:04	10°♓46'29	1.37368 AU
evening rise	-9992 May 14 j 14:58	18°♓04'31	
	-9992 May 21 j 13:05	0°♈	
desc. node	-9992 Jun 09 j 08:06	28°♈04'12	
	-9992 Jun 10 j 19:47	0°♉	
evening max el	-9992 Jun 19 j 12:15	10°♉00'30	25°18'36
retrograde	-9992 Jul 01 j 10:43	16°♉59'27	
evening set	-9992 Jul 07 j 09:31	14°♉24'07	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-9992 Jul 11 j 18:41	9°♉24'28	0.66748 AU
inferior conj	-9992 Jul 12 j 17:44	8°♉08'41	-2°19'33
minimum elong	-9992 Jul 12 j 20:12	8°♉00'32	2°18'30
morning rise	-9992 Jul 18 j 06:53	2°♉07'43	
asc. node	-9992 Jul 20 j 16:25	1°♉02'29	
direct	-9992 Jul 21 j 19:44	0°♉55'04	
morning max el	-9992 Jul 29 j 07:12	5°♉15'56	19°48'12
	-9992 Aug 16 j 00:33	0°♊	
morning set	-9992 Aug 23 j 13:39	11°♊41'54	
	-9992 Sep 04 j 05:09	0°♋	
max. Earth dist.	-9992 Sep 05 j 03:12	1°♋27'43	1.44112 AU
desc. node	-9992 Sep 05 j 05:48	1°♋38'02	
superior conj	-9992 Sep 09 j 02:18	7°♋48'20	-0°23'17
minimum elong	-9992 Sep 08 j 23:44	7°♋38'01	0°22'23
	-9992 Sep 22 j 13:20	0°♌	
evening rise	-9992 Sep 23 j 02:05	0°♌53'47	
evening max el	-9992 Oct 11 j 13:02	29°♌10'26	18°20'28
	-9992 Oct 12 j 09:29	0°♍	
asc. node	-9992 Oct 16 j 15:51	2°♍35'16	
retrograde	-9992 Oct 18 j 03:38	2°♍47'07	
evening set	-9992 Oct 20 j 22:27	2°♍05'53	
	-9992 Oct 23 j 21:27	30°℞♌	
inferior conj	-9992 Oct 27 j 04:01	26°♌36'41	3°00'51
minimum elong	-9992 Oct 27 j 00:24	26°♌46'45	3°00'13
min. Earth dist.	-9992 Oct 29 j 08:26	24°♌10'56	0.63825 AU
morning rise	-9992 Nov 02 j 01:41	20°♌36'33	
direct	-9992 Nov 09 j 00:23	17°♌51'05	
morning max el	-9992 Nov 22 j 12:36	25°♌25'25	27°26'22
	-9992 Nov 26 j 19:28	0°♍	
desc. node	-9992 Dec 02 j 06:30	6°♍46'41	
	-9992 Dec 17 j 10:57	0°♎	
morning set	-9992 Dec 27 j 05:02	18°♎03'54	
max. Earth dist.	-9991 Jan 01 j 07:57	28°♎30'14	1.33713 AU
	-9991 Jan 02 j 01:04	0°♏	
superior conj	-9991 Jan 03 j 23:58	4°♏08'21	-1°14'11
minimum elong	-9991 Jan 04 j 02:16	4°♏20'36	1°14'09
evening rise	-9991 Jan 11 j 04:19	19°♏26'50	
asc. node	-9991 Jan 12 j 13:45	22°♏20'22	
	-9991 Jan 16 j 10:03	0°♐	
evening max el	-9991 Feb 02 j 12:39	24°♐54'21	22°46'12
	-9991 Feb 09 j 22:28	0°♑	
retrograde	-9991 Feb 15 j 12:32	1°♑10'51	
evening set	-9991 Feb 18 j 20:49	0°♑46'27	
	-9991 Feb 21 j 07:37	30°℞♐	
min. Earth dist.	-9991 Feb 26 j 23:34	27°♐08'31	0.55604 AU
inferior conj	-9991 Feb 28 j 00:52	26°♐31'54	0°04'16
minimum elong	-9991 Feb 28 j 01:02	26°♐31'40	0°03'38
transit middle	-9991 Feb 28 j 01:02	26°♐31'40	0°03'38
transit begin	-9991 Feb 27 j 21:04	26°♐37'24	
transit end	-9991 Feb 28 j 05:00	26°♐25'55	
desc. node	-9991 Feb 28 j 07:24	26°♐22'26	
morning rise	-9991 Mar 09 j 06:45	22°♐29'47	
direct	-9991 Mar 11 j 14:33	22°♐16'56	
morning max el	-9991 Mar 22 j 21:02	27°♐37'49	20°45'18
	-9991 Mar 25 j 03:58	0°♑	
morning set	-9991 Apr 10 j 22:13	27°♑57'54	
asc. node	-9991 Apr 10 j 12:42	27°♑09'26	
	-9991 Apr 11 j 22:02	0°♒	
superior conj	-9991 Apr 18 j 14:10	13°♒45'52	1°10'44
minimum elong	-9991 Apr 18 j 11:24	13°♒31'45	1°09'52
max. Earth dist.	-9991 Apr 22 j 23:13	22°♒32'22	1.35774 AU
	-9991 Apr 26 j 20:20	0°♓	
evening rise	-9991 Apr 27 j 08:10	0°♓55'29	
	-9991 May 14 j 14:48	0°♈	

desc. node	-9991 May 27 j 05:30	17°♈08'23	
evening max el	-9991 Jun 01 j 22:41	23°♈24'25	26°24'18
	-9991 Jun 11 j 01:50	0°♉	
retrograde	-9991 Jun 14 j 17:11	0°♉44'06	
	-9991 Jun 18 j 02:41	30°℞♈	
evening set	-9991 Jun 21 j 05:03	27°♈58'04	
min. Earth dist.	-9991 Jun 25 j 06:01	23°♈37'44	0.65972 AU
inferior conj	-9991 Jun 26 j 18:10	21°♈45'42	-2°55'14
minimum elong	-9991 Jun 26 j 20:47	21°♈37'36	2°54'27
morning rise	-9991 Jul 02 j 12:37	15°♈57'20	
direct	-9991 Jul 05 j 17:33	14°♈58'31	
asc. node	-9991 Jul 07 j 13:17	15°♈16'50	
morning max el	-9991 Jul 12 j 14:19	18°♈50'41	18°56'11
	-9991 Jul 21 j 01:25	0°♉	
morning set	-9991 Aug 03 j 07:06	20°♉52'56	
	-9991 Aug 09 j 00:26	0°♊	
superior conj	-9991 Aug 19 j 05:31	16°♊10'13	0°23'21
minimum elong	-9991 Aug 19 j 08:29	16°♊21'53	0°23'33
max. Earth dist.	-9991 Aug 18 j 19:46	15°♊31'38	1.44613 AU
desc. node	-9991 Aug 23 j 02:54	22°♊19'45	
	-9991 Aug 27 j 22:44	0°♋	
evening rise	-9991 Sep 04 j 02:00	11°♋26'15	
	-9991 Sep 15 j 16:48	0°♌	
evening max el	-9991 Sep 25 j 01:18	12°♌38'39	18°50'53
retrograde	-9991 Oct 01 j 20:45	16°♌29'00	
asc. node	-9991 Oct 03 j 13:01	16°♌12'59	
evening set	-9991 Oct 04 j 21:52	15°♌36'18	
inferior conj	-9991 Oct 10 j 19:02	9°♌51'39	2°13'14
minimum elong	-9991 Oct 10 j 16:07	10°♌00'33	2°12'43
min. Earth dist.	-9991 Oct 12 j 10:12	7°♌52'50	0.65118 AU
morning rise	-9991 Oct 16 j 09:55	3°♌41'43	
direct	-9991 Oct 22 j 22:45	0°♌57'38	
morning max el	-9991 Nov 04 j 22:34	8°♌25'53	26°46'50
desc. node	-9991 Nov 19 j 03:12	25°♌53'23	
	-9991 Nov 21 j 22:59	0°♍	
	-9991 Dec 09 j 18:36	0°♎	
morning set	-9991 Dec 10 j 15:41	1°♎39'59	
max. Earth dist.	-9991 Dec 15 j 02:21	10°♎22'07	1.34802 AU
superior conj	-9991 Dec 19 j 02:55	18°♎35'27	-1°29'11
minimum elong	-9991 Dec 19 j 05:01	18°♎46'20	1°29'08
	-9991 Dec 24 j 13:34	0°♏	
evening rise	-9991 Dec 26 j 13:53	4°♏11'55	
asc. node	-9991 Dec 30 j 11:01	12°♏02'23	
	-9990 Jan 10 j 04:53	0°♐	
evening max el	-9990 Jan 15 j 11:50	6°♐00'41	21°16'34
retrograde	-9990 Jan 27 j 02:49	11°♐30'06	
evening set	-9990 Jan 29 j 21:16	11°♐12'31	
inferior conj	-9990 Feb 07 j 21:53	7°♐12'55	1°51'41
minimum elong	-9990 Feb 08 j 02:26	7°♐06'25	1°49'48
min. Earth dist.	-9990 Feb 08 j 13:40	6°♐50'24	0.55443 AU
desc. node	-9990 Feb 15 j 04:22	3°♐37'08	
morning rise	-9990 Feb 17 j 07:01	3°♐01'43	
direct	-9990 Feb 20 j 04:58	2°♐42'57	
morning max el	-9990 Mar 04 j 23:07	8°♐53'59	22°12'26
	-9990 Mar 19 j 19:55	0°♑	
morning set	-9990 Mar 26 j 08:13	12°♑51'16	
asc. node	-9990 Mar 28 j 09:41	17°♑10'09	
superior conj	-9990 Apr 02 j 15:24	28°♑14'25	0°48'56
minimum elong	-9990 Apr 02 j 13:22	28°♑03'40	0°48'01
	-9990 Apr 03 j 11:34	0°♒	
max. Earth dist.	-9990 Apr 05 j 17:28	4°♒39'18	1.34510 AU
evening rise	-9990 Apr 10 j 16:33	14°♒34'39	
	-9990 Apr 19 j 01:57	0°♓	
	-9990 May 09 j 07:49	0°♈	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-9990 May 14 j 02:54	5°♈23'12	
evening max el	-9990 May 15 j 09:40	6°♈40'29	27°09'13
retrograde	-9990 May 28 j 18:20	14°♈10'19	
evening set	-9990 Jun 04 j 15:33	11°♈23'42	
min. Earth dist.	-9990 Jun 08 j 09:59	7°♈41'01	0.64801 AU
inferior conj	-9990 Jun 10 j 12:32	5°♈16'42	-3°22'18
minimum elong	-9990 Jun 10 j 14:42	5°♈10'31	3°21'59
	-9990 Jun 16 j 02:50	30°℞♓	
morning rise	-9990 Jun 16 j 14:15	29°♓43'54	
direct	-9990 Jun 19 j 13:04	28°♓56'49	
	-9990 Jun 23 j 00:14	0°♈	
asc. node	-9990 Jun 24 j 10:09	0°♈59'09	
morning max el	-9990 Jun 26 j 01:57	2°♈29'23	18°20'45
	-9990 Jul 14 j 07:44	0°♉	
morning set	-9990 Jul 15 j 01:24	1°♉13'32	
superior conj	-9990 Jul 29 j 07:29	24°♉30'34	1°06'16
minimum elong	-9990 Jul 29 j 13:59	24°♉56'34	1°06'01
max. Earth dist.	-9990 Aug 01 j 12:53	29°♉38'58	1.44399 AU
	-9990 Aug 01 j 18:11	0°♊	
desc. node	-9990 Aug 10 j 00:05	12°♊59'51	
evening rise	-9990 Aug 14 j 23:12	20°♊45'47	
	-9990 Aug 20 j 21:34	0°♋	
greatest brilliancy	-9990 Aug 26 j 04:15	8°♋07'32	-0.7m
evening max el	-9990 Sep 08 j 09:39	26°♋07'05	19°37'40
	-9990 Sep 13 j 19:00	0°♌	
retrograde	-9990 Sep 15 j 16:55	0°♌20'01	
	-9990 Sep 17 j 13:34	30°℞♋	
evening set	-9990 Sep 19 j 02:34	29°♋12'44	
asc. node	-9990 Sep 20 j 10:11	28°♋11'18	
inferior conj	-9990 Sep 24 j 17:04	23°♋15'50	1°21'57
minimum elong	-9990 Sep 24 j 15:12	23°♋21'52	1°21'47
min. Earth dist.	-9990 Sep 25 j 20:01	21°♋48'30	0.66095 AU
morning rise	-9990 Sep 30 j 03:33	16°♋59'17	
direct	-9990 Oct 06 j 02:56	14°♋25'59	
morning max el	-9990 Oct 18 j 08:30	21°♋37'36	25°43'30
	-9990 Oct 25 j 17:17	0°♌	
desc. node	-9990 Nov 05 j 23:54	15°♌32'58	
	-9990 Nov 15 j 04:11	0°♍	
morning set	-9990 Nov 23 j 11:15	14°♍25'51	
max. Earth dist.	-9990 Nov 27 j 09:54	21°♍46'57	1.36312 AU
	-9990 Dec 01 j 15:16	0°♎	
superior conj	-9990 Dec 02 j 22:10	2°♎34'09	-1°39'14
minimum elong	-9990 Dec 02 j 23:26	2°♎40'30	1°39'09
evening rise	-9990 Dec 10 j 19:59	18°♎40'39	
	-9990 Dec 16 j 14:41	0°♏	
asc. node	-9990 Dec 17 j 08:18	1°♏20'50	
evening max el	-9990 Dec 28 j 20:08	17°♏37'00	20°00'38
retrograde	-9989 Jan 07 j 21:00	22°♏20'15	
evening set	-9989 Jan 10 j 10:13	22°♏03'18	
inferior conj	-9989 Jan 18 j 23:39	18°♏01'09	3°17'27
minimum elong	-9989 Jan 19 j 05:11	17°♏52'37	3°15'54
min. Earth dist.	-9989 Jan 21 j 03:12	16°♏41'52	0.56141 AU
morning rise	-9989 Jan 27 j 22:12	13°♏27'21	
direct	-9989 Jan 31 j 23:32	12°♏50'53	
desc. node	-9989 Feb 02 j 01:15	12°♏53'30	
morning max el	-9989 Feb 14 j 16:41	19°♏40'46	23°49'09
	-9989 Feb 23 j 07:26	0°♐	
morning set	-9989 Mar 10 j 20:19	27°♐53'57	
	-9989 Mar 11 j 20:17	0°♑	
asc. node	-9989 Mar 15 j 06:44	7°♑20'49	
superior conj	-9989 Mar 17 j 22:10	13°♑02'04	0°25'36
minimum elong	-9989 Mar 17 j 21:05	12°♑56'16	0°24'49
max. Earth dist.	-9989 Mar 19 j 21:03	17°♑12'23	1.33595 AU
evening rise	-9989 Mar 25 j 11:43	28°♑48'24	
	-9989 Mar 26 j 02:04	0°♒	
	-9989 Apr 12 j 05:59	0°♓	
evening max el	-9989 Apr 27 j 19:34	19°♓37'25	27°26'32
desc. node	-9989 May 01 j 00:15	22°♓28'19	
retrograde	-9989 May 11 j 13:49	27°♓10'00	
evening set	-9989 May 18 j 13:54	24°♓35'46	
min. Earth dist.	-9989 May 22 j 05:07	21°♓24'07	0.63241 AU
inferior conj	-9989 May 24 j 22:08	18°♓36'52	-3°37'42
minimum elong	-9989 May 24 j 23:08	18°♓34'18	3°37'50
morning rise	-9989 May 31 j 09:21	13°♓22'01	
direct	-9989 Jun 03 j 03:24	12°♓44'54	
morning max el	-9989 Jun 09 j 15:53	16°♓08'02	18°03'02
asc. node	-9989 Jun 11 j 07:00	17°♓54'04	
	-9989 Jun 19 j 11:25	0°♈	
morning set	-9989 Jun 26 j 20:24	12°♈43'44	
	-9989 Jul 06 j 21:54	0°♉	
superior conj	-9989 Jul 09 j 04:54	3°♉49'26	1°35'28
minimum elong	-9989 Jul 09 j 09:59	4°♉10'27	1°35'23
max. Earth dist.	-9989 Jul 15 j 02:57	13°♉29'57	1.43506 AU
evening rise	-9989 Jul 25 j 01:54	29°♉14'30	
	-9989 Jul 25 j 13:37	0°♊	
desc. node	-9989 Jul 27 j 21:22	3°♊35'26	
	-9989 Aug 14 j 17:31	0°♋	
evening max el	-9989 Aug 22 j 12:06	9°♋33'23	20°39'10
retrograde	-9989 Aug 30 j 13:47	14°♋17'32	
evening set	-9989 Sep 03 j 10:11	12°♋52'37	
asc. node	-9989 Sep 07 j 07:16	8°♋48'11	
inferior conj	-9989 Sep 08 j 19:48	6°♋46'44	0°29'37
minimum elong	-9989 Sep 08 j 19:07	6°♋49'02	0°29'55
min. Earth dist.	-9989 Sep 09 j 11:42	5°♋52'58	0.66771 AU
morning rise	-9989 Sep 14 j 03:53	0°♋27'07	
	-9989 Sep 14 j 17:04	30°℞♊	
direct	-9989 Sep 19 j 12:38	28°♊10'08	
	-9989 Sep 24 j 22:17	0°♋	
morning max el	-9989 Sep 30 j 18:07	4°♋52'45	24°25'02
	-9989 Oct 20 j 03:39	0°♌	
desc. node	-9989 Oct 23 j 20:40	5°♌36'09	
morning set	-9989 Nov 05 j 10:24	26°♌07'21	
	-9989 Nov 07 j 15:31	0°♍	
max. Earth dist.	-9989 Nov 09 j 09:20	3°♍06'47	1.38167 AU
superior conj	-9989 Nov 16 j 06:18	15°♍54'46	-1°42'27
minimum elong	-9989 Nov 16 j 06:00	15°♍53'19	1°42'13
	-9989 Nov 23 j 10:42	0°♎	
evening rise	-9989 Nov 24 j 20:29	2°♎47'08	
asc. node	-9989 Dec 04 j 05:36	20°♎07'35	
evening max el	-9989 Dec 11 j 14:41	29°♎47'43	19°03'15
	-9989 Dec 11 j 19:54	0°♏	
retrograde	-9989 Dec 20 j 05:09	3°♏54'22	
evening set	-9989 Dec 22 j 17:10	3°♏35'01	
	-9989 Dec 29 j 16:59	30°℞♎	
inferior conj	-9989 Dec 30 j 16:57	29°♎18'16	4°04'50
minimum elong	-9989 Dec 30 j 19:44	29°♎13'23	4°04'20
min. Earth dist.	-9988 Jan 02 j 17:47	27°♎11'01	0.57532 AU
morning rise	-9988 Jan 07 j 20:03	24°♎18'56	
direct	-9988 Jan 13 j 05:42	23°♎10'08	
desc. node	-9988 Jan 19 j 22:05	24°♎53'50	
	-9988 Jan 26 j 22:01	0°♏	
morning max el	-9988 Jan 27 j 07:34	0°♏22'35	25°22'46
	-9988 Feb 16 j 20:42	0°♐	
morning set	-9988 Feb 23 j 08:43	12°♐59'03	
superior conj	-9988 Mar 01 j 08:17	28°♐01'10	0°01'51
minimum elong	-9988 Mar 01 j 08:13	28°♐00'52	0°01'16
behind sun begin	-9988 Mar 01 j 03:12	27°♐33'33	
behind sun end	-9988 Mar 01 j 13:15	28°♐28'11	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-9988 Mar 01 j 03:47	27°♐36'46	
	-9988 Mar 02 j 06:10	0°♑	
max. Earth dist.	-9988 Mar 02 j 07:15	0°♑05'49	1.33020 AU
evening rise	-9988 Mar 08 j 14:18	13°♑25'40	
	-9988 Mar 17 j 05:23	0°♒	
	-9988 Apr 07 j 01:11	0°♓	
evening max el	-9988 Apr 09 j 02:12	2°♓03'54	27°11'52
desc. node	-9988 Apr 16 j 21:35	7°♓55'09	
retrograde	-9988 Apr 23 j 02:35	9°♓33'41	
evening set	-9988 Apr 29 j 20:29	7°♓25'24	
min. Earth dist.	-9988 May 03 j 15:10	4°♓32'37	0.61375 AU
inferior conj	-9988 May 06 j 19:42	1°♓38'45	-3°36'54
minimum elong	-9988 May 06 j 18:47	1°♓40'49	3°37'12
	-9988 May 08 j 16:07	30°℞♒	
morning rise	-9988 May 13 j 18:56	26°♒43'27	
direct	-9988 May 16 j 09:02	26°♒14'49	
morning max el	-9988 May 23 j 05:26	29°♒39'37	18°03'43
	-9988 May 23 j 13:40	0°♓	
asc. node	-9988 May 28 j 03:50	5°♓45'39	
morning set	-9988 Jun 08 j 11:45	25°♓12'59	
	-9988 Jun 11 j 02:43	0°♈	
superior conj	-9988 Jun 19 j 05:25	14°♈28'18	1°48'35
minimum elong	-9988 Jun 19 j 06:56	14°♈34'55	1°48'38
max. Earth dist.	-9988 Jun 26 j 11:22	26°♈46'59	1.42067 AU
	-9988 Jun 28 j 10:14	0°♉	
evening rise	-9988 Jul 03 j 06:42	7°♉49'26	
desc. node	-9988 Jul 13 j 18:44	24°♉02'11	
	-9988 Jul 17 j 19:16	0°♊	
evening max el	-9988 Aug 04 j 07:42	22°♊56'04	21°52'38
retrograde	-9988 Aug 13 j 09:26	28°♊18'22	
evening set	-9988 Aug 17 j 18:37	26°♊33'23	
inferior conj	-9988 Aug 23 j 01:13	20°♊21'35	-0°21'52
minimum elong	-9988 Aug 23 j 01:41	20°♊19'59	0°21'08
min. Earth dist.	-9988 Aug 23 j 06:43	20°♊02'37	0.67154 AU
asc. node	-9988 Aug 24 j 04:17	18°♊48'42	
morning rise	-9988 Aug 28 j 08:37	14°♊02'42	
direct	-9988 Sep 02 j 03:09	12°♊04'25	
morning max el	-9988 Sep 12 j 04:54	18°♊07'50	23°00'39
	-9988 Sep 22 j 00:38	0°♋	
desc. node	-9988 Oct 09 j 17:31	25°♋55'48	
	-9988 Oct 12 j 07:14	0°♌	
morning set	-9988 Oct 16 j 07:55	6°♌32'06	
max. Earth dist.	-9988 Oct 21 j 07:20	14°♌53'42	1.40166 AU
superior conj	-9988 Oct 28 j 22:45	28°♌25'05	-1°36'27
minimum elong	-9988 Oct 28 j 20:16	28°♌13'46	1°35'57
	-9988 Oct 29 j 19:29	0°♍	
evening rise	-9988 Nov 07 j 12:43	16°♍24'57	
	-9988 Nov 14 j 21:10	0°♎	
asc. node	-9988 Nov 20 j 02:53	8°♎12'33	
evening max el	-9988 Nov 23 j 18:06	12°♎28'43	18°26'02
retrograde	-9988 Dec 01 j 07:08	16°♎12'05	
evening set	-9988 Dec 03 j 19:22	15°♎48'38	
inferior conj	-9988 Dec 11 j 05:41	11°♎11'14	4°15'22
minimum elong	-9988 Dec 11 j 04:58	11°♎12'41	4°15'18
min. Earth dist.	-9988 Dec 14 j 11:47	8°♎33'43	0.59323 AU
morning rise	-9988 Dec 18 j 12:51	5°♎50'39	
direct	-9988 Dec 24 j 23:51	4°♎03'05	
desc. node	-9987 Jan 05 j 18:50	9°♎22'24	
morning max el	-9987 Jan 08 j 01:44	11°♎26'08	26°38'27
	-9987 Jan 22 j 13:53	0°♏	
morning set	-9987 Feb 06 j 19:42	28°♏00'09	
	-9987 Feb 07 j 18:32	0°♐	
superior conj	-9987 Feb 13 j 19:59	13°♐05'26	-0°21'30
minimum elong	-9987 Feb 13 j 20:54	13°♐10'23	0°21'51
max. Earth dist.	-9987 Feb 13 j 20:37	13°♐08'54	1.32773 AU
asc. node	-9987 Feb 16 j 00:55	17°♐54'04	
evening rise	-9987 Feb 20 j 21:49	28°♐17'50	
	-9987 Feb 21 j 17:34	0°♑	
	-9987 Mar 10 j 17:38	0°♒	
evening max el	-9987 Mar 22 j 03:47	13°♒53'47	26°24'52
desc. node	-9987 Apr 03 j 18:47	21°♒09'42	
retrograde	-9987 Apr 05 j 06:52	21°♒15'23	
evening set	-9987 Apr 11 j 08:19	19°♒42'10	
min. Earth dist.	-9987 Apr 15 j 17:08	16°♒53'21	0.59380 AU
inferior conj	-9987 Apr 19 j 01:36	14°♒14'32	-3°13'36
minimum elong	-9987 Apr 18 j 22:34	14°♒20'36	3°13'36
morning rise	-9987 Apr 26 j 15:31	9°♒39'17	
direct	-9987 Apr 29 j 02:02	9°♒17'46	
morning max el	-9987 May 06 j 15:51	12°♒56'49	18°23'32
asc. node	-9987 May 15 j 00:41	24°♒21'32	
	-9987 May 18 j 05:30	0°♓	
morning set	-9987 May 22 j 18:43	8°♓30'49	
superior conj	-9987 Jun 01 j 06:44	26°♓22'18	1°48'17
minimum elong	-9987 Jun 01 j 05:26	26°♓16'20	1°48'09
	-9987 Jun 03 j 06:40	0°♈	
max. Earth dist.	-9987 Jun 08 j 14:21	9°♈22'57	1.40289 AU
evening rise	-9987 Jun 13 j 09:09	17°♈28'04	
	-9987 Jun 21 j 04:21	0°♉	
desc. node	-9987 Jun 30 j 16:06	14°♉15'24	
	-9987 Jul 12 j 07:46	0°♊	
evening max el	-9987 Jul 17 j 21:26	6°♊16'58	23°13'24
retrograde	-9987 Jul 28 j 02:26	12°♊20'05	
evening set	-9987 Aug 02 j 02:00	10°♊13'56	
inferior conj	-9987 Aug 07 j 07:33	3°♊58'59	-1°10'55
minimum elong	-9987 Aug 07 j 09:00	3°♊53'57	1°09'52
min. Earth dist.	-9987 Aug 07 j 02:35	4°♊16'05	0.67247 AU
	-9987 Aug 10 j 08:55	30°℞♉	
asc. node	-9987 Aug 11 j 01:16	29°♉14'30	
morning rise	-9987 Aug 12 j 15:54	27°♉44'31	
direct	-9987 Aug 16 j 21:29	26°♉05'10	
	-9987 Aug 24 j 08:46	0°♊	
morning max el	-9987 Aug 25 j 19:46	1°♊25'31	21°38'33
	-9987 Sep 15 j 22:51	0°♋	
morning set	-9987 Sep 26 j 03:00	15°♋41'19	
desc. node	-9987 Sep 26 j 14:24	16°♋26'25	
max. Earth dist.	-9987 Oct 03 j 10:32	27°♋29'50	1.42041 AU
	-9987 Oct 04 j 22:46	0°♌	
superior conj	-9987 Oct 10 j 17:47	9°♌49'50	-1°18'37
minimum elong	-9987 Oct 10 j 13:17	9°♌30'26	1°17'43
evening rise	-9987 Oct 21 j 17:12	29°♌25'37	
	-9987 Oct 22 j 00:45	0°♍	
evening max el	-9987 Nov 07 j 03:42	25°♍31'26	18°08'47
asc. node	-9987 Nov 07 j 00:09	25°♍22'31	
retrograde	-9987 Nov 14 j 01:14	29°♍04'15	
evening set	-9987 Nov 16 j 14:42	28°♍35'19	
inferior conj	-9987 Nov 23 j 12:42	23°♍36'02	3°58'56
minimum elong	-9987 Nov 23 j 09:45	23°♍42'54	3°58'40
min. Earth dist.	-9987 Nov 26 j 12:29	20°♍49'38	0.61204 AU
morning rise	-9987 Nov 30 j 03:36	17°♍57'49	
direct	-9987 Dec 07 j 03:32	15°♍37'40	
morning max el	-9987 Dec 21 j 02:11	23°♍06'43	27°24'27
desc. node	-9987 Dec 23 j 15:32	25°♍43'59	
	-9987 Dec 27 j 07:57	0°♎	
	-9986 Jan 15 j 14:38	0°♏	
morning set	-9986 Jan 22 j 03:14	12°♏48'54	
max. Earth dist.	-9986 Jan 28 j 09:29	26°♏07'10	1.32855 AU
superior conj	-9986 Jan 29 j 07:33	28°♏07'18	-0°43'40
minimum elong	-9986 Jan 29 j 09:15	28°♏16'30	0°43'49

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9986 Jan 30 j 04:14	0°♐	
asc. node	-9986 Feb 02 j 22:04	8°♐07'32	
evening rise	-9986 Feb 05 j 08:06	13°♐15'59	
	-9986 Feb 13 j 21:33	0°♑	
evening max el	-9986 Mar 03 j 23:51	25°♑07'26	25°10'41
	-9986 Mar 10 j 08:33	0°♒	
retrograde	-9986 Mar 18 j 00:17	2°♒13'49	
desc. node	-9986 Mar 21 j 15:54	1°♒42'35	
evening set	-9986 Mar 23 j 00:51	1°♒15'13	
	-9986 Mar 25 j 17:14	30°℞♑	
min. Earth dist.	-9986 Mar 28 j 12:57	28°♑16'49	0.57515 AU
inferior conj	-9986 Mar 31 j 12:34	26°♑14'37	-2°20'49
minimum elong	-9986 Mar 31 j 08:28	26°♑21'40	2°20'21
morning rise	-9986 Apr 08 j 19:17	21°♑58'12	
direct	-9986 Apr 11 j 02:24	21°♑42'18	
morning max el	-9986 Apr 19 j 20:10	25°♑49'54	19°03'08
	-9986 Apr 23 j 12:54	0°♒	
asc. node	-9986 May 01 j 21:33	13°♒30'49	
morning set	-9986 May 06 j 13:06	22°♒26'32	
	-9986 May 10 j 09:05	0°♓	
superior conj	-9986 May 15 j 03:26	9°♓16'59	1°38'22
minimum elong	-9986 May 15 j 00:43	9°♓04'00	1°37'54
max. Earth dist.	-9986 May 21 j 15:01	21°♓22'56	1.38405 AU
evening rise	-9986 May 25 j 15:04	28°♓29'07	
	-9986 May 26 j 12:03	0°♈	
	-9986 Jun 14 j 14:08	0°♉	
desc. node	-9986 Jun 17 j 13:28	4°♉09'04	
evening max el	-9986 Jun 30 j 07:50	19°♉38'52	24°34'45
retrograde	-9986 Jul 11 j 15:53	26°♉19'33	
evening set	-9986 Jul 17 j 06:28	23°♉53'30	
min. Earth dist.	-9986 Jul 21 j 20:54	18°♉32'06	0.67027 AU
inferior conj	-9986 Jul 22 j 13:03	17°♉37'45	-1°56'01
minimum elong	-9986 Jul 22 j 15:15	17°♉30'20	1°54'53
morning rise	-9986 Jul 27 j 23:59	11°♉31'10	
asc. node	-9986 Jul 28 j 22:12	10°♉55'44	
direct	-9986 Jul 31 j 18:24	10°♉09'24	
morning max el	-9986 Aug 08 j 16:57	14°♉49'51	20°25'00
	-9986 Aug 20 j 08:04	0°♊	
morning set	-9986 Sep 05 j 05:58	24°♊08'13	
	-9986 Sep 09 j 00:04	0°♋	
desc. node	-9986 Sep 13 j 11:22	7°♋04'06	
max. Earth dist.	-9986 Sep 15 j 20:39	10°♋53'17	1.43519 AU
superior conj	-9986 Sep 21 j 10:05	19°♋55'55	-0°47'09
minimum elong	-9986 Sep 21 j 05:40	19°♋37'46	0°46'04
	-9986 Sep 27 j 10:42	0°♌	
evening rise	-9986 Oct 04 j 05:30	11°♌39'05	
	-9986 Oct 15 j 01:36	0°♍	
evening max el	-9986 Oct 21 j 16:33	8°♍48'35	18°10'51
asc. node	-9986 Oct 24 j 21:24	11°♍22'17	
retrograde	-9986 Oct 28 j 07:31	12°♍21'26	
evening set	-9986 Oct 30 j 23:45	11°♍45'22	
inferior conj	-9986 Nov 06 j 10:51	6°♍26'00	3°25'16
minimum elong	-9986 Nov 06 j 07:10	6°♍35'42	3°24'42
min. Earth dist.	-9986 Nov 08 j 22:45	3°♍49'03	0.62939 AU
morning rise	-9986 Nov 12 j 13:44	0°♍32'54	
	-9986 Nov 13 j 08:09	30°℞♌	
direct	-9986 Nov 19 j 15:14	27°♌52'54	
	-9986 Nov 26 j 11:19	0°♍	
morning max el	-9986 Dec 03 j 08:27	5°♍26'27	27°35'34
desc. node	-9986 Dec 10 j 12:15	13°♍27'27	
	-9986 Dec 22 j 02:02	0°♎	
morning set	-9985 Jan 06 j 05:04	27°♎17'25	
	-9985 Jan 07 j 13:07	0°♏	
max. Earth dist.	-9985 Jan 11 j 17:59	8°♏47'18	1.33293 AU

superior conj	-9985 Jan 13 j 17:19	13°♏00'52	-1°03'50
minimum elong	-9985 Jan 13 j 19:30	13°♏12'39	1°03'51
evening rise	-9985 Jan 20 j 19:26	28°♏13'38	
asc. node	-9985 Jan 20 j 19:16	28°♏12'45	
	-9985 Jan 21 j 15:48	0°♐	
	-9985 Feb 08 j 06:44	0°♑	
evening max el	-9985 Feb 13 j 16:51	5°♑59'10	23°40'08
retrograde	-9985 Feb 27 j 05:28	12°♑38'41	
evening set	-9985 Mar 03 j 02:55	12°♑05'16	
desc. node	-9985 Mar 08 j 12:59	9°♑43'46	
min. Earth dist.	-9985 Mar 10 j 05:19	8°♑45'21	0.56099 AU
inferior conj	-9985 Mar 12 j 03:50	7°♑35'03	-0°55'48
minimum elong	-9985 Mar 12 j 01:34	7°♑38'29	0°55'40
morning rise	-9985 Mar 21 j 02:51	3°♑31'36	
direct	-9985 Mar 23 j 08:25	3°♑18'54	
morning max el	-9985 Apr 02 j 15:38	8°♑09'40	20°02'37
	-9985 Apr 17 j 04:37	0°♒	
asc. node	-9985 Apr 18 j 18:27	3°♒05'10	
morning set	-9985 Apr 20 j 15:34	6°♒50'51	
superior conj	-9985 Apr 28 j 14:18	22°♒57'39	1°22'04
minimum elong	-9985 Apr 28 j 11:20	22°♒42'50	1°21'18
	-9985 May 02 j 04:03	0°♓	
max. Earth dist.	-9985 May 03 j 18:37	3°♓05'25	1.36651 AU
evening rise	-9985 May 07 j 21:00	10°♓44'25	
	-9985 May 19 j 03:05	0°♈	
desc. node	-9985 Jun 04 j 10:52	23°♈34'33	
	-9985 Jun 09 j 20:12	0°♉	
evening max el	-9985 Jun 12 j 17:32	3°♉02'00	25°48'35
retrograde	-9985 Jun 25 j 01:06	10°♉11'24	
evening set	-9985 Jul 01 j 05:55	7°♉30'09	
min. Earth dist.	-9985 Jul 05 j 11:21	2°♉47'32	0.66462 AU
inferior conj	-9985 Jul 06 j 15:53	1°♉15'47	-2°35'38
minimum elong	-9985 Jul 06 j 18:29	1°♉07'26	2°34'40
	-9985 Jul 07 j 15:41	30°℞♈	
morning rise	-9985 Jul 12 j 07:06	25°♈20'07	
direct	-9985 Jul 15 j 16:18	24°♈13'47	
asc. node	-9985 Jul 15 j 19:06	24°♈13'51	
morning max el	-9985 Jul 22 j 20:46	28°♈21'16	19°24'14
	-9985 Jul 24 j 08:54	0°♉	
	-9985 Aug 13 j 17:52	0°♊	
morning set	-9985 Aug 15 j 12:45	2°♊48'23	
max. Earth dist.	-9985 Aug 29 j 11:24	24°♊46'18	1.44406 AU
desc. node	-9985 Aug 31 j 08:25	27°♊44'59	
superior conj	-9985 Aug 31 j 23:37	28°♊45'31	-0°03'52
minimum elong	-9985 Aug 31 j 23:14	28°♊43'57	0°03'14
behind sun begin	-9985 Aug 31 j 12:11	28°♊00'00	
behind sun end	-9985 Sep 01 j 10:16	29°♊27'57	
	-9985 Sep 01 j 18:19	0°♋	
evening rise	-9985 Sep 15 j 20:07	22°♋51'35	
	-9985 Sep 20 j 03:43	0°♌	
evening max el	-9985 Oct 05 j 05:44	22°♌13'23	18°31'18
retrograde	-9985 Oct 11 j 21:42	25°♌55'17	
asc. node	-9985 Oct 11 j 18:38	25°♌55'12	
evening set	-9985 Oct 14 j 18:50	25°♌09'37	
inferior conj	-9985 Oct 20 j 20:37	19°♌33'17	2°41'19
minimum elong	-9985 Oct 20 j 17:14	19°♌43'07	2°40'42
min. Earth dist.	-9985 Oct 22 j 19:16	17°♌18'09	0.64407 AU
morning rise	-9985 Oct 26 j 15:02	13°♌28'19	
direct	-9985 Nov 02 j 09:57	10°♌42'08	
morning max el	-9985 Nov 15 j 17:56	18°♌15'38	27°13'00
	-9985 Nov 25 j 18:52	0°♍	
desc. node	-9985 Nov 27 j 08:57	2°♍08'32	
	-9985 Dec 14 j 22:06	0°♎	
morning set	-9985 Dec 20 j 22:20	11°♎16'03	
max. Earth dist.	-9985 Dec 25 j 18:21	20°♎57'53	1.34121 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9985 Dec 28 j 23:23	27°♎39'35	-1°21'04
minimum elong	-9985 Dec 29 j 01:40	27°♎51'38	1°21'02
	-9985 Dec 30 j 01:56	0°♏	
evening rise	-9984 Jan 05 j 06:08	13°♏04'47	
asc. node	-9984 Jan 07 j 16:32	18°♏04'54	
	-9984 Jan 13 j 23:57	0°♐	
evening max el	-9984 Jan 26 j 12:13	16°♐53'58	22°06'51
retrograde	-9984 Feb 07 j 23:48	22°♐51'53	
evening set	-9984 Feb 11 j 00:38	22°♐31'30	
inferior conj	-9984 Feb 20 j 04:28	18°♐25'04	0°50'42
minimum elong	-9984 Feb 20 j 06:40	18°♐21'56	0°49'25
min. Earth dist.	-9984 Feb 19 j 20:20	18°♐36'39	0.55422 AU
desc. node	-9984 Feb 23 j 10:00	16°♐38'06	
morning rise	-9984 Feb 29 j 13:22	14°♐21'08	
direct	-9984 Mar 03 j 01:06	14°♐07'01	
morning max el	-9984 Mar 15 j 00:18	19°♐50'04	21°20'41
	-9984 Mar 23 j 04:59	0°♑	
morning set	-9984 Apr 03 j 23:30	21°♑36'10	
asc. node	-9984 Apr 04 j 15:23	22°♑58'10	
	-9984 Apr 08 j 00:17	0°♒	
superior conj	-9984 Apr 11 j 11:18	7°♒12'26	1°01'45
minimum elong	-9984 Apr 11 j 08:47	6°♒59'28	1°00'52
max. Earth dist.	-9984 Apr 15 j 06:38	14°♒57'42	1.35188 AU
evening rise	-9984 Apr 19 j 21:20	23°♒58'25	
	-9984 Apr 23 j 02:56	0°♓	
	-9984 May 11 j 16:29	0°♈	
desc. node	-9984 May 21 j 08:17	12°♈20'19	
evening max el	-9984 May 25 j 04:09	16°♈23'38	26°46'21
retrograde	-9984 Jun 07 j 05:38	23°♈49'43	
evening set	-9984 Jun 13 j 22:01	21°♈01'48	
min. Earth dist.	-9984 Jun 17 j 19:49	16°♈57'59	0.65520 AU
inferior conj	-9984 Jun 19 j 14:03	14°♈51'08	-3°07'57
minimum elong	-9984 Jun 19 j 16:33	14°♈43'37	3°07'22
morning rise	-9984 Jun 25 j 11:22	9°♈09'09	
direct	-9984 Jun 28 j 13:23	8°♈15'46	
asc. node	-9984 Jul 01 j 15:58	9°♈07'38	
morning max el	-9984 Jul 05 j 06:07	11°♈58'46	18°38'59
	-9984 Jul 17 j 23:51	0°♉	
morning set	-9984 Jul 25 j 16:13	12°♉27'22	
	-9984 Aug 05 j 13:56	0°♊	
superior conj	-9984 Aug 09 j 23:27	6°♊58'44	0°42'46
minimum elong	-9984 Aug 10 j 04:29	7°♊18'40	0°42'41
max. Earth dist.	-9984 Aug 11 j 04:03	8°♊51'54	1.44606 AU
desc. node	-9984 Aug 17 j 05:33	18°♊26'24	
	-9984 Aug 24 j 13:01	0°♋	
evening rise	-9984 Aug 26 j 08:27	2°♋52'08	
	-9984 Sep 13 j 00:04	0°♌	
evening max el	-9984 Sep 17 j 16:36	5°♌41'46	19°08'55
retrograde	-9984 Sep 24 j 16:25	9°♌40'54	
evening set	-9984 Sep 27 j 20:47	8°♌42'34	
asc. node	-9984 Sep 27 j 15:50	8°♌49'52	
inferior conj	-9984 Oct 03 j 14:55	2°♌52'29	1°51'45
minimum elong	-9984 Oct 03 j 12:25	3°♌00'19	1°51'22
min. Earth dist.	-9984 Oct 05 j 00:50	1°♌06'20	0.65570 AU
	-9984 Oct 05 j 22:39	30°℞♋	
morning rise	-9984 Oct 09 j 03:39	26°♋39'06	
direct	-9984 Oct 15 j 11:04	23°♋58'22	
	-9984 Oct 26 j 17:55	0°♌	
morning max el	-9984 Oct 28 j 04:00	1°♌21'51	26°22'14
desc. node	-9984 Nov 13 j 05:38	21°♌30'24	
	-9984 Nov 18 j 20:25	0°♍	
morning set	-9984 Dec 03 j 03:11	24°♍32'35	
	-9984 Dec 05 j 23:57	0°♎	
max. Earth dist.	-9984 Dec 07 j 07:46	2°♎35'04	1.35385 AU

superior conj	-9984 Dec 11 j 23:25	11°♎55'41	-1°34'11
minimum elong	-9984 Dec 12 j 01:15	12°♎05'03	1°34'07
evening rise	-9984 Dec 19 j 14:26	27°♎43'19	
	-9984 Dec 20 j 17:10	0°♏	
asc. node	-9984 Dec 24 j 13:49	7°♏37'46	
evening max el	-9983 Jan 07 j 15:06	28°♏12'34	20°42'20
	-9983 Jan 09 j 17:40	0°♐	
retrograde	-9983 Jan 18 j 14:08	3°♐21'24	
evening set	-9983 Jan 21 j 05:24	3°♐04'46	
	-9983 Jan 28 j 12:55	30°℞♏	
inferior conj	-9983 Jan 30 j 01:56	29°♏06'26	2°32'09
minimum elong	-9983 Jan 30 j 07:27	28°♏58'21	2°30'12
min. Earth dist.	-9983 Jan 31 j 10:28	28°♏18'54	0.55634 AU
morning rise	-9983 Feb 08 j 08:03	24°♏46'18	
desc. node	-9983 Feb 09 j 06:56	24°♏34'23	
direct	-9983 Feb 11 j 16:19	24°♏21'42	
	-9983 Feb 23 j 23:42	0°♐	
morning max el	-9983 Feb 24 j 22:16	0°♐52'04	22°52'58
	-9983 Mar 16 j 05:22	0°♑	
morning set	-9983 Mar 19 j 10:38	6°♑34'26	
asc. node	-9983 Mar 22 j 12:23	13°♑03'44	
superior conj	-9983 Mar 26 j 15:12	21°♑50'26	0°39'10
minimum elong	-9983 Mar 26 j 13:32	21°♑41'38	0°38'18
max. Earth dist.	-9983 Mar 29 j 05:00	27°♑15'44	1.34080 AU
	-9983 Mar 30 j 12:42	0°♒	
evening rise	-9983 Apr 03 j 10:49	7°♒54'26	
	-9983 Apr 15 j 15:44	0°♓	
evening max el	-9983 May 07 j 15:03	29°♓33'40	27°20'19
desc. node	-9983 May 08 j 05:42	0°♈08'47	
	-9983 May 08 j 01:59	0°♈	
retrograde	-9983 May 21 j 04:35	7°♈05'37	
evening set	-9983 May 28 j 03:46	4°♈22'50	
min. Earth dist.	-9983 May 31 j 20:22	0°♈54'08	0.64182 AU
	-9983 Jun 01 j 16:21	30°℞♓	
inferior conj	-9983 Jun 03 j 05:05	28°♓18'39	-3°30'31
minimum elong	-9983 Jun 03 j 06:50	28°♓13'49	3°30'25
morning rise	-9983 Jun 09 j 10:32	22°♓52'57	
direct	-9983 Jun 12 j 07:06	22°♓10'21	
asc. node	-9983 Jun 18 j 12:49	25°♓22'46	
morning max el	-9983 Jun 18 j 18:59	25°♓37'58	18°10'54
	-9983 Jun 22 j 10:56	0°♈	
morning set	-9983 Jul 06 j 21:26	23°♈18'38	
	-9983 Jul 10 j 20:25	0°♉	
superior conj	-9983 Jul 20 j 07:48	15°♉38'43	1°20'38
minimum elong	-9983 Jul 20 j 14:13	16°♉04'42	1°20'26
max. Earth dist.	-9983 Jul 24 j 19:54	22°♉53'22	1.44099 AU
	-9983 Jul 29 j 07:32	0°♊	
desc. node	-9983 Aug 04 j 02:49	9°♊05'18	
evening rise	-9983 Aug 05 j 19:54	11°♊44'59	
	-9983 Aug 17 j 17:35	0°♋	
greatest brilliancy	-9983 Aug 18 j 17:54	1°♋31'09	-0.7m
evening max el	-9983 Aug 31 j 22:43	19°♋10'13	20°02'16
retrograde	-9983 Sep 08 j 13:00	23°♋35'07	
evening set	-9983 Sep 12 j 02:58	22°♋20'45	
asc. node	-9983 Sep 14 j 12:57	20°♋09'55	
inferior conj	-9983 Sep 17 j 15:12	16°♋19'57	0°59'45
minimum elong	-9983 Sep 17 j 13:50	16°♋24'28	0°59'47
min. Earth dist.	-9983 Sep 18 j 13:25	15°♋06'32	0.66421 AU
morning rise	-9983 Sep 23 j 00:27	10°♋01'47	
direct	-9983 Sep 28 j 17:48	7°♋34'40	
morning max el	-9983 Oct 10 j 13:29	14°♋35'08	25°11'23
	-9983 Oct 23 j 05:44	0°♌	
desc. node	-9983 Oct 31 j 02:23	11°♌21'23	
	-9983 Nov 11 j 16:15	0°♍	
morning set	-9983 Nov 15 j 14:46	6°♍53'09	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

max. Earth dist.	-9983 Nov 19 j 10:57	13°♍53'10	1.37064 AU
superior conj	-9983 Nov 25 j 14:29	25°♍40'16	-1°41'35
minimum elong	-9983 Nov 25 j 15:11	25°♍43'41	1°41'27
	-9983 Nov 27 j 18:49	0°♎	
evening rise	-9983 Dec 03 j 18:27	12°♎03'43	
asc. node	-9983 Dec 11 j 11:08	26°♎44'10	
	-9983 Dec 13 j 09:44	0°♏	
evening max el	-9983 Dec 21 j 03:57	10°♏04'32	19°33'53
retrograde	-9983 Dec 30 j 12:59	14°♏30'10	
evening set	-9982 Jan 02 j 01:39	14°♏12'20	
inferior conj	-9982 Jan 10 j 09:22	10°♏05'16	3°42'30
minimum elong	-9982 Jan 10 j 14:01	9°♏57'41	3°41'23
min. Earth dist.	-9982 Jan 13 j 00:07	8°♏24'01	0.56665 AU
morning rise	-9982 Jan 19 j 00:15	5°♏20'43	
direct	-9982 Jan 23 j 15:49	4°♏31'50	
desc. node	-9982 Jan 27 j 03:47	5°♏00'05	
morning max el	-9982 Feb 06 j 13:39	11°♏32'47	24°30'08
	-9982 Feb 20 j 13:13	0°♐	
morning set	-9982 Mar 03 j 23:06	21°♐39'10	
	-9982 Mar 07 j 20:57	0°♑	
asc. node	-9982 Mar 09 j 09:25	3°♑17'15	
superior conj	-9982 Mar 10 j 23:37	6°♑43'51	0°15'33
minimum elong	-9982 Mar 10 j 22:58	6°♑40'21	0°14'50
behind sun begin	-9982 Mar 10 j 21:15	6°♑31'03	
behind sun end	-9982 Mar 11 j 00:41	6°♑49'39	
max. Earth dist.	-9982 Mar 12 j 11:59	9°♑59'40	1.33318 AU
evening rise	-9982 Mar 18 j 09:32	22°♑19'49	
	-9982 Mar 22 j 06:58	0°♒	
	-9982 Apr 09 j 13:11	0°♓	
evening max el	-9982 Apr 20 j 00:04	12°♓19'45	27°24'18
desc. node	-9982 Apr 25 j 03:02	16°♓36'14	
retrograde	-9982 May 03 j 21:07	19°♓50'43	
evening set	-9982 May 10 j 19:47	17°♓26'21	
min. Earth dist.	-9982 May 14 j 11:38	14°♓24'15	0.62485 AU
inferior conj	-9982 May 17 j 09:59	11°♓32'12	-3°39'42
minimum elong	-9982 May 17 j 10:15	11°♓31'33	3°39'57
morning rise	-9982 May 24 j 01:58	6°♓25'13	
direct	-9982 May 26 j 18:22	5°♓51'43	
morning max el	-9982 Jun 02 j 08:59	9°♓14'00	18°00'57
asc. node	-9982 Jun 05 j 09:37	12°♓43'21	
	-9982 Jun 16 j 02:36	0°♈	
morning set	-9982 Jun 19 j 01:41	5°♈15'38	
superior conj	-9982 Jun 30 j 16:29	25°♈30'31	1°42'54
minimum elong	-9982 Jun 30 j 20:05	25°♈45'45	1°42'55
	-9982 Jul 03 j 08:42	0°♉	
max. Earth dist.	-9982 Jul 07 j 08:11	6°♉33'15	1.42957 AU
evening rise	-9982 Jul 15 j 20:36	20°♉08'29	
desc. node	-9982 Jul 22 j 00:08	29°♉37'50	
	-9982 Jul 22 j 05:57	0°♊	
	-9982 Aug 12 j 13:29	0°♋	
evening max el	-9982 Aug 14 j 22:20	2°♋35'22	21°09'14
retrograde	-9982 Aug 23 j 09:26	7°♋34'33	
evening set	-9982 Aug 27 j 11:09	6°♋01'09	
asc. node	-9982 Sep 01 j 10:00	0°♋24'10	
inferior conj	-9982 Sep 01 j 19:16	29°♊52'31	0°07'32
minimum elong	-9982 Sep 01 j 19:05	29°♊53'08	0°08'02
transit middle	-9982 Sep 01 j 19:05	29°♊53'08	0°08'02
transit begin	-9982 Sep 01 j 16:43	0°♋01'14	
transit end	-9982 Sep 01 j 21:27	29°♊45'03	
	-9982 Sep 01 j 17:05	30°℞♊	
min. Earth dist.	-9982 Sep 02 j 06:40	29°♊13'34	0.66973 AU
morning rise	-9982 Sep 07 j 02:53	23°♊33'03	
direct	-9982 Sep 12 j 05:31	21°♊23'58	
morning max el	-9982 Sep 22 j 23:13	27°♊50'02	23°49'24
	-9982 Sep 25 j 00:10	0°♋	
	-9982 Oct 16 j 23:14	0°♌	
desc. node	-9982 Oct 17 j 23:09	1°♌32'26	
morning set	-9982 Oct 28 j 03:26	18°♌02'32	
max. Earth dist.	-9982 Nov 01 j 09:16	25°♌22'38	1.39019 AU
	-9982 Nov 03 j 23:28	0°♍	
superior conj	-9982 Nov 08 j 16:32	8°♍41'07	-1°41'11
minimum elong	-9982 Nov 08 j 15:22	8°♍35'35	1°40'52
evening rise	-9982 Nov 17 j 15:46	25°♍58'54	
	-9982 Nov 19 j 17:33	0°♎	
asc. node	-9982 Nov 28 j 08:26	15°♎14'29	
evening max el	-9982 Dec 04 j 02:26	22°♎28'18	18°44'53
retrograde	-9982 Dec 12 j 04:47	26°♎23'35	
evening set	-9982 Dec 14 j 16:51	26°♎02'33	
inferior conj	-9982 Dec 22 j 10:43	21°♎37'00	4°13'17
minimum elong	-9982 Dec 22 j 11:57	21°♎34'42	4°13'05
min. Earth dist.	-9982 Dec 25 j 15:23	19°♎14'41	0.58266 AU
morning rise	-9982 Dec 30 j 05:06	16°♎28'16	
direct	-9981 Jan 05 j 02:46	15°♎03'19	
desc. node	-9981 Jan 14 j 00:32	18°♎06'48	
morning max el	-9981 Jan 19 j 05:16	22°♎20'26	25°58'05
	-9981 Jan 26 j 00:29	0°♏	
	-9981 Feb 13 j 04:20	0°♐	
morning set	-9981 Feb 16 j 11:07	6°♐43'21	
superior conj	-9981 Feb 23 j 10:35	21°♐45'32	-0°08'10
minimum elong	-9981 Feb 23 j 10:57	21°♐47'33	0°08'39
behind sun begin	-9981 Feb 23 j 06:44	21°♐24'33	
behind sun end	-9981 Feb 23 j 15:10	22°♐10'33	
max. Earth dist.	-9981 Feb 24 j 00:08	22°♐59'24	1.32877 AU
asc. node	-9981 Feb 24 j 06:31	23°♐34'10	
	-9981 Feb 27 j 05:53	0°♑	
evening rise	-9981 Mar 02 j 14:28	7°♑04'09	
	-9981 Mar 14 j 20:24	0°♒	
evening max el	-9981 Apr 02 j 04:42	24°♒31'07	26°55'36
	-9981 Apr 09 j 08:45	0°♓	
desc. node	-9981 Apr 12 j 00:16	1°♓11'36	
retrograde	-9981 Apr 16 j 06:16	1°♓57'41	
evening set	-9981 Apr 22 j 18:41	0°♓03'26	
	-9981 Apr 22 j 21:03	30°℞♒	
min. Earth dist.	-9981 Apr 26 j 17:46	27°♒14'33	0.60534 AU
inferior conj	-9981 Apr 30 j 01:20	24°♒24'17	-3°30'13
minimum elong	-9981 Apr 29 j 23:30	24°♒28'15	3°30'27
morning rise	-9981 May 07 j 06:31	19°♒37'40	
direct	-9981 May 09 j 19:13	19°♒12'07	
morning max el	-9981 May 16 j 21:34	22°♒40'54	18°09'48
	-9981 May 22 j 16:08	0°♓	
asc. node	-9981 May 23 j 06:27	0°♓55'23	
morning set	-9981 Jun 02 j 00:16	18°♓07'25	
	-9981 Jun 08 j 10:34	0°♈	
superior conj	-9981 Jun 12 j 04:13	6°♈43'42	1°49'53
minimum elong	-9981 Jun 12 j 04:22	6°♈44'23	1°49'53
max. Earth dist.	-9981 Jun 19 j 14:39	19°♈35'41	1.41339 AU
evening rise	-9981 Jun 25 j 09:00	29°♈05'53	
	-9981 Jun 25 j 22:26	0°♉	
desc. node	-9981 Jul 08 j 21:30	19°♉59'59	
	-9981 Jul 15 j 20:16	0°♊	
evening max el	-9981 Jul 28 j 15:08	15°♊57'02	22°26'22
retrograde	-9981 Aug 07 j 04:10	21°♊36'47	
evening set	-9981 Aug 11 j 19:24	19°♊42'33	
inferior conj	-9981 Aug 17 j 01:17	13°♊28'55	-0°43'06
minimum elong	-9981 Aug 17 j 02:12	13°♊25'46	0°42'12
min. Earth dist.	-9981 Aug 17 j 02:17	13°♊25'30	0.67231 AU
asc. node	-9981 Aug 19 j 06:59	10°♊28'22	
morning rise	-9981 Aug 22 j 08:55	7°♊11'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-9981 Aug 26 j 21:38	5°♊21'47	
morning max el	-9981 Sep 05 j 11:35	11°♊06'53	22°25'03
	-9981 Sep 20 j 05:59	0°♋	
desc. node	-9981 Oct 04 j 20:02	21°♋57'39	
morning set	-9981 Oct 08 j 13:17	27°♋53'43	
	-9981 Oct 09 j 20:25	0°♌	
max. Earth dist.	-9981 Oct 14 j 09:18	7°♌30'52	1.41000 AU
superior conj	-9981 Oct 22 j 00:32	20°♌45'02	-1°30'28
minimum elong	-9981 Oct 21 j 21:05	20°♌29'41	1°29'48
	-9981 Oct 27 j 02:45	0°♍	
evening rise	-9981 Nov 01 j 03:29	9°♍22'09	
	-9981 Nov 13 j 00:26	0°♎	
asc. node	-9981 Nov 15 j 05:42	2°♎57'38	
evening max el	-9981 Nov 17 j 08:42	5°♎18'48	18°16'12
retrograde	-9981 Nov 24 j 14:10	8°♎56'39	
evening set	-9981 Nov 27 j 02:38	8°♎31'10	
inferior conj	-9981 Dec 04 j 07:32	3°♎44'15	4°11'03
minimum elong	-9981 Dec 04 j 05:41	3°♎48'16	4°10'57
min. Earth dist.	-9981 Dec 07 j 11:55	1°♎00'18	0.60127 AU
	-9981 Dec 08 j 18:10	30°℞♍	
morning rise	-9981 Dec 11 j 07:11	28°♍15'23	
direct	-9981 Dec 18 j 01:00	26°♍12'48	
	-9981 Dec 27 j 18:57	0°♎	
desc. node	-9981 Dec 31 j 21:16	3°♎27'22	
morning max el	-9980 Jan 01 j 02:12	3°♎39'12	27°02'12
	-9980 Jan 20 j 11:10	0°♏	
morning set	-9980 Jan 31 j 20:51	21°♏39'58	
	-9980 Feb 04 j 19:09	0°♐	
superior conj	-9980 Feb 07 j 22:24	6°♐49'12	-0°31'06
minimum elong	-9980 Feb 07 j 23:40	6°♐56'07	0°31'22
max. Earth dist.	-9980 Feb 07 j 13:40	6°♐01'30	1.32761 AU
asc. node	-9980 Feb 11 j 03:39	13°♐50'10	
evening rise	-9980 Feb 14 j 23:21	21°♐59'07	
	-9980 Feb 18 j 22:02	0°♑	
	-9980 Mar 08 j 14:27	0°♒	
evening max el	-9980 Mar 14 j 03:32	6°♒03'33	25°56'05
retrograde	-9980 Mar 28 j 06:27	13°♒20'45	
desc. node	-9980 Mar 28 j 21:26	13°♒19'48	
evening set	-9980 Apr 02 j 22:08	12°♒02'39	
min. Earth dist.	-9980 Apr 07 j 16:42	9°♒11'24	0.58544 AU
inferior conj	-9980 Apr 10 j 23:27	6°♒45'24	-2°55'10
minimum elong	-9980 Apr 10 j 19:43	6°♒52'23	2°54'57
morning rise	-9980 Apr 18 j 20:24	2°♒18'58	
direct	-9980 Apr 21 j 05:19	2°♒00'10	
morning max el	-9980 Apr 29 j 05:49	5°♒49'26	18°38'02
asc. node	-9980 May 09 j 03:18	19°♒46'32	
	-9980 May 14 j 15:15	0°♓	
morning set	-9980 May 15 j 12:33	1°♓42'28	
superior conj	-9980 May 24 j 14:30	19°♓05'53	1°45'04
minimum elong	-9980 May 24 j 12:27	18°♓56'14	1°44'47
	-9980 May 30 j 14:01	0°♈	
max. Earth dist.	-9980 May 31 j 15:42	1°♈53'28	1.39478 AU
evening rise	-9980 Jun 04 j 23:08	9°♈19'20	
	-9980 Jun 17 j 21:25	0°♉	
desc. node	-9980 Jun 24 j 18:53	10°♉06'01	
evening max el	-9980 Jul 10 j 02:54	29°♉17'28	23°48'19
	-9980 Jul 10 j 20:11	0°♊	
retrograde	-9980 Jul 20 j 19:55	5°♊38'09	
evening set	-9980 Jul 26 j 01:47	3°♊23'09	
	-9980 Jul 29 j 03:57	30°℞♉	
inferior conj	-9980 Jul 31 j 07:29	27°♉07'17	-1°30'38
minimum elong	-9980 Jul 31 j 09:17	27°♉01'05	1°29'31
min. Earth dist.	-9980 Jul 30 j 21:51	27°♉40'15	0.67191 AU
asc. node	-9980 Aug 05 j 03:56	21°♉21'39	
morning rise	-9980 Aug 05 j 16:44	20°♉55'38	
direct	-9980 Aug 09 j 17:12	19°♉24'08	
morning max el	-9980 Aug 18 j 05:01	24°♉27'24	21°05'50
	-9980 Aug 22 j 23:24	0°♊	
	-9980 Sep 12 j 16:35	0°♋	
morning set	-9980 Sep 16 j 23:29	6°♋39'05	
desc. node	-9980 Sep 20 j 16:59	12°♋31'59	
max. Earth dist.	-9980 Sep 25 j 14:54	20°♋26'12	1.42729 AU
	-9980 Oct 01 j 09:35	0°♌	
superior conj	-9980 Oct 02 j 08:39	1°♌37'15	-1°06'56
minimum elong	-9980 Oct 02 j 03:47	1°♌16'43	1°05'54
evening rise	-9980 Oct 14 j 01:40	22°♌04'10	
	-9980 Oct 18 j 12:34	0°♍	
evening max el	-9980 Oct 30 j 20:03	18°♍28'50	18°07'24
asc. node	-9980 Nov 01 j 02:56	19°♍40'00	
retrograde	-9980 Nov 06 j 13:55	22°♍00'34	
evening set	-9980 Nov 09 j 04:15	21°♍28'59	
inferior conj	-9980 Nov 15 j 21:27	16°♍21'09	3°46'17
minimum elong	-9980 Nov 15 j 18:02	16°♍29'34	3°45'52
min. Earth dist.	-9980 Nov 18 j 16:44	13°♍36'28	0.61967 AU
morning rise	-9980 Nov 22 j 06:44	10°♍36'08	
direct	-9980 Nov 29 j 08:35	8°♍05'24	
morning max el	-9980 Dec 13 j 05:23	15°♍37'34	27°33'28
desc. node	-9980 Dec 17 j 17:59	20°♍27'40	
	-9980 Dec 25 j 02:58	0°♎	
	-9979 Jan 11 j 21:49	0°♏	
morning set	-9979 Jan 15 j 02:17	6°♏21'49	
max. Earth dist.	-9979 Jan 21 j 00:59	18°♏53'20	1.32988 AU
superior conj	-9979 Jan 22 j 09:27	21°♏49'05	-0°52'31
minimum elong	-9979 Jan 22 j 11:24	21°♏59'37	0°52'36
	-9979 Jan 26 j 03:55	0°♐	
asc. node	-9979 Jan 28 j 00:50	4°♐01'11	
evening rise	-9979 Jan 29 j 10:18	6°♐58'18	
	-9979 Feb 10 j 16:30	0°♑	
evening max el	-9979 Feb 23 j 21:52	17°♑06'10	24°33'29
retrograde	-9979 Mar 09 j 19:13	24°♑03'18	
evening set	-9979 Mar 14 j 07:38	23°♑17'10	
desc. node	-9979 Mar 15 j 18:31	22°♑43'54	
min. Earth dist.	-9979 Mar 20 j 11:07	20°♑10'44	0.56831 AU
inferior conj	-9979 Mar 23 j 01:56	18°♑29'16	-1°48'29
minimum elong	-9979 Mar 22 j 22:11	18°♑35'21	1°48'01
morning rise	-9979 Mar 31 j 15:53	14°♑19'18	
direct	-9979 Apr 02 j 21:39	14°♑05'14	
morning max el	-9979 Apr 12 j 06:47	18°♑30'10	19°26'02
	-9979 Apr 20 j 22:41	0°♒	
asc. node	-9979 Apr 26 j 00:12	9°♒07'44	
morning set	-9979 Apr 29 j 10:47	15°♒51'39	
	-9979 May 06 j 12:54	0°♓	
superior conj	-9979 May 07 j 17:50	2°♓22'03	1°32'04
minimum elong	-9979 May 07 j 14:55	2°♓07'44	1°31'28
max. Earth dist.	-9979 May 13 j 16:30	13°♓41'28	1.37631 AU
evening rise	-9979 May 17 j 16:01	20°♓54'33	
	-9979 May 22 j 22:21	0°♈	
desc. node	-9979 Jun 11 j 16:15	29°♈49'04	
	-9979 Jun 11 j 19:33	0°♉	
evening max el	-9979 Jun 22 j 12:50	12°♉40'38	25°07'36
retrograde	-9979 Jul 04 j 07:43	19°♉35'02	
evening set	-9979 Jul 10 j 04:24	17°♉02'02	
min. Earth dist.	-9979 Jul 14 j 14:56	11°♉56'38	0.66831 AU
inferior conj	-9979 Jul 15 j 12:07	10°♉46'31	-2°13'35
minimum elong	-9979 Jul 15 j 14:32	10°♉38'29	2°12'30
morning rise	-9979 Jul 21 j 00:39	4°♉43'53	
asc. node	-9979 Jul 23 j 00:53	3°♉43'17	
direct	-9979 Jul 24 j 14:53	3°♉28'53	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-9979 Aug 01 j 05:00	7°♉54'33	19°57'16
	-9979 Aug 17 j 06:53	0°♊	
morning set	-9979 Aug 27 j 01:25	15°♊04'15	
	-9979 Sep 05 j 13:46	0°♋	
desc. node	-9979 Sep 07 j 14:00	3°♋11'34	
max. Earth dist.	-9979 Sep 08 j 02:57	4°♋03'11	1.43978 AU
superior conj	-9979 Sep 12 j 13:02	11°♋09'21	-0°29'53
minimum elong	-9979 Sep 12 j 09:51	10°♋56'28	0°28'54
	-9979 Sep 23 j 22:21	0°♌	
evening rise	-9979 Sep 26 j 05:24	3°♌53'10	
	-9979 Oct 12 j 17:43	0°♍	
evening max el	-9979 Oct 14 j 09:29	1°♍50'35	18°17'28
asc. node	-9979 Oct 19 j 00:12	5°♍05'05	
retrograde	-9979 Oct 20 j 23:53	5°♍25'52	
evening set	-9979 Oct 23 j 18:01	4°♍46'00	
	-9979 Oct 29 j 10:03	30°℞♌	
inferior conj	-9979 Oct 30 j 00:58	29°♌19'18	3°07'33
minimum elong	-9979 Oct 29 j 21:18	29°♌29'21	3°06'55
min. Earth dist.	-9979 Nov 01 j 07:20	26°♌50'23	0.63604 AU
morning rise	-9979 Nov 04 j 23:53	23°♌21'01	
direct	-9979 Nov 11 j 23:34	20°♌36'34	
morning max el	-9979 Nov 25 j 13:07	28°♌10'40	27°29'47
	-9979 Nov 27 j 08:09	0°♍	
desc. node	-9979 Dec 04 j 14:42	8°♍38'19	
	-9979 Dec 18 j 19:32	0°♎	
morning set	-9979 Dec 30 j 00:51	20°♎38'55	
	-9978 Jan 03 j 14:45	0°♏	
max. Earth dist.	-9978 Jan 04 j 06:20	1°♏21'38	1.33594 AU
superior conj	-9978 Jan 06 j 17:54	6°♏37'34	-1°11'35
minimum elong	-9978 Jan 06 j 20:11	6°♏49'47	1°11'33
evening rise	-9978 Jan 13 j 21:34	21°♏54'12	
asc. node	-9978 Jan 14 j 22:04	24°♏01'46	
	-9978 Jan 17 j 20:54	0°♐	
evening max el	-9978 Feb 05 j 15:22	27°♐56'56	23°00'05
	-9978 Feb 08 j 00:16	0°♑	
retrograde	-9978 Feb 18 j 18:52	4°♑19'31	
evening set	-9978 Feb 22 j 06:19	3°♑53'09	
min. Earth dist.	-9978 Mar 02 j 02:50	0°♑20'24	0.55712 AU
desc. node	-9978 Mar 02 j 15:34	0°♑01'52	
	-9978 Mar 02 j 16:51	30°℞♐	
inferior conj	-9978 Mar 03 j 09:57	29°♐35'00	-0°12'00
minimum elong	-9978 Mar 03 j 09:25	29°♐35'47	0°12'24
transit middle	-9978 Mar 03 j 09:25	29°♐35'47	0°12'24
transit begin	-9978 Mar 03 j 06:54	29°♐39'28	
transit end	-9978 Mar 03 j 11:56	29°♐32'07	
morning rise	-9978 Mar 12 j 14:19	25°♐32'57	
direct	-9978 Mar 14 j 21:19	25°♐20'16	
	-9978 Mar 25 j 07:18	0°♑	
morning max el	-9978 Mar 25 j 21:41	0°♑33'02	20°33'40
asc. node	-9978 Apr 12 j 21:08	28°♑50'42	
	-9978 Apr 13 j 10:48	0°♒	
morning set	-9978 Apr 13 j 15:52	0°♒25'46	
superior conj	-9978 Apr 21 j 09:25	16°♒18'07	1°13'48
minimum elong	-9978 Apr 21 j 06:35	16°♒03'42	1°12'59
max. Earth dist.	-9978 Apr 25 j 23:27	25°♒26'12	1.35992 AU
	-9978 Apr 28 j 08:21	0°♓	
evening rise	-9978 Apr 30 j 06:29	3°♓36'47	
	-9978 May 15 j 20:35	0°♈	
desc. node	-9978 May 29 j 13:39	18°♈59'20	
evening max el	-9978 Jun 04 j 23:07	26°♈04'56	26°15'42
	-9978 Jun 09 j 10:54	0°♉	
retrograde	-9978 Jun 17 j 14:52	3°♉22'04	
evening set	-9978 Jun 24 j 01:03	0°♉37'00	
	-9978 Jun 24 j 17:19	30°℞♈	
min. Earth dist.	-9978 Jun 28 j 03:10	26°♈10'58	0.66110 AU
inferior conj	-9978 Jun 29 j 13:16	24°♈24'10	-2°50'22
minimum elong	-9978 Jun 29 j 15:54	24°♈15'57	2°49'32
morning rise	-9978 Jul 05 j 06:50	18°♈33'51	
direct	-9978 Jul 08 j 12:51	17°♈33'06	
asc. node	-9978 Jul 09 j 21:47	17°♈43'35	
morning max el	-9978 Jul 15 j 11:20	21°♈28'50	19°02'59
	-9978 Jul 22 j 04:13	0°♉	
morning set	-9978 Aug 06 j 15:48	24°♉06'56	
	-9978 Aug 10 j 08:45	0°♊	
max. Earth dist.	-9978 Aug 21 j 19:25	18°♊06'12	1.44583 AU
superior conj	-9978 Aug 22 j 18:26	19°♊37'13	0°16'15
minimum elong	-9978 Aug 22 j 20:31	19°♊45'29	0°16'33
desc. node	-9978 Aug 25 j 11:06	23°♊53'26	
	-9978 Aug 29 j 07:15	0°♋	
evening rise	-9978 Sep 07 j 09:19	14°♋36'53	
	-9978 Sep 16 j 21:59	0°♌	
evening max el	-9978 Sep 27 j 22:06	15°♌18'15	18°45'15
retrograde	-9978 Oct 04 j 16:24	19°♌06'08	
asc. node	-9978 Oct 05 j 21:26	18°♌57'51	
evening set	-9978 Oct 07 j 16:26	18°♌15'17	
inferior conj	-9978 Oct 13 j 14:44	12°♌32'35	2°20'47
minimum elong	-9978 Oct 13 j 11:40	12°♌41'47	2°20'13
min. Earth dist.	-9978 Oct 15 j 07:45	10°♌29'30	0.64945 AU
morning rise	-9978 Oct 19 j 06:27	6°♌23'53	
direct	-9978 Oct 25 j 20:58	3°♌39'02	
morning max el	-9978 Nov 07 j 23:04	11°♌08'44	26°54'26
desc. node	-9978 Nov 21 j 11:25	27°♌38'49	
	-9978 Nov 23 j 02:54	0°♍	
	-9978 Dec 11 j 06:07	0°♎	
morning set	-9978 Dec 13 j 13:20	4°♎21'08	
max. Earth dist.	-9978 Dec 18 j 02:26	13°♎18'38	1.34615 AU
superior conj	-9978 Dec 21 j 21:43	21°♎07'44	-1°27'14
minimum elong	-9978 Dec 21 j 23:53	21°♎19'02	1°27'10
	-9978 Dec 26 j 02:58	0°♏	
evening rise	-9978 Dec 29 j 07:29	6°♏41'02	
asc. node	-9977 Jan 01 j 19:20	13°♏46'40	
	-9977 Jan 11 j 02:41	0°♐	
evening max el	-9977 Jan 18 j 13:22	8°♐59'21	21°29'09
retrograde	-9977 Jan 30 j 09:53	14°♐36'21	
evening set	-9977 Feb 02 j 05:44	14°♐18'14	
inferior conj	-9977 Feb 11 j 07:28	10°♐17'20	1°36'12
minimum elong	-9977 Feb 11 j 11:29	10°♐11'37	1°34'26
min. Earth dist.	-9977 Feb 11 j 17:03	10°♐03'42	0.55412 AU
desc. node	-9977 Feb 17 j 12:33	7°♐06'48	
morning rise	-9977 Feb 20 j 17:01	6°♐08'38	
direct	-9977 Feb 23 j 11:50	5°♐51'27	
morning max el	-9977 Mar 08 j 01:26	11°♐55'18	21°58'39
	-9977 Mar 21 j 04:26	0°♑	
morning set	-9977 Mar 29 j 01:22	15°♑17'16	
asc. node	-9977 Mar 30 j 18:04	18°♑49'29	
superior conj	-9977 Apr 05 j 09:38	0°♒43'24	0°52'21
minimum elong	-9977 Apr 05 j 07:28	0°♒32'00	0°51'27
	-9977 Apr 05 j 01:21	0°♒	
max. Earth dist.	-9977 Apr 08 j 16:06	7°♒29'08	1.34674 AU
evening rise	-9977 Apr 13 j 12:54	17°♒09'43	
	-9977 Apr 20 j 11:41	0°♓	
	-9977 May 10 j 03:58	0°♈	
desc. node	-9977 May 16 j 11:04	7°♈22'53	
evening max el	-9977 May 18 j 09:59	9°♈22'32	27°04'09
retrograde	-9977 May 31 j 16:54	16°♈51'46	
evening set	-9977 Jun 07 j 13:06	14°♈04'17	
min. Earth dist.	-9977 Jun 11 j 08:17	10°♈16'26	0.64997 AU
inferior conj	-9977 Jun 13 j 08:42	7°♈56'18	-3°18'55

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9977 Jun 13 j 10:58	7°♈49'42	3°18'33
morning rise	-9977 Jun 19 j 09:13	2°♈21'11	
direct	-9977 Jun 22 j 08:49	1°♈32'33	
asc. node	-9977 Jun 26 j 18:37	3°♈13'41	
morning max el	-9977 Jun 28 j 22:28	5°♈07'29	18°24'59
	-9977 Jul 15 j 16:10	0°♉	
morning set	-9977 Jul 18 j 06:11	4°♉16'39	
superior conj	-9977 Aug 01 j 19:05	27°♉53'39	1°00'30
minimum elong	-9977 Aug 02 j 01:23	28°♉18'45	1°00'17
	-9977 Aug 03 j 02:50	0°♊	
max. Earth dist.	-9977 Aug 04 j 12:36	2°♊14'04	1.44472 AU
desc. node	-9977 Aug 12 j 08:18	14°♊34'10	
evening rise	-9977 Aug 18 j 10:20	24°♊06'57	
	-9977 Aug 22 j 04:34	0°♋	
greatest brilliancy	-9977 Aug 28 j 20:06	10°♋19'08	-0.7m
evening max el	-9977 Sep 11 j 07:09	28°♋46'48	19°29'41
	-9977 Sep 12 j 13:24	0°♌	
retrograde	-9977 Sep 18 j 12:18	2°♌56'01	
evening set	-9977 Sep 21 j 20:29	1°♌51'09	
asc. node	-9977 Sep 22 j 18:36	1°♌10'50	
	-9977 Sep 24 j 01:34	30°℞♋	
inferior conj	-9977 Sep 27 j 11:52	25°♋55'51	1°29'51
minimum elong	-9977 Sep 27 j 09:50	26°♋02'24	1°29'38
min. Earth dist.	-9977 Sep 28 j 16:34	24°♋23'34	0.65969 AU
morning rise	-9977 Oct 02 j 22:52	19°♋39'54	
direct	-9977 Oct 09 j 00:19	17°♋04'31	
morning max el	-9977 Oct 21 j 09:09	24°♋19'47	25°54'05
	-9977 Oct 26 j 13:01	0°♌	
desc. node	-9977 Nov 08 j 08:08	17°♌14'13	
	-9977 Nov 16 j 12:38	0°♍	
morning set	-9977 Nov 26 j 11:31	17°♍15'39	
max. Earth dist.	-9977 Nov 30 j 11:28	24°♍46'17	1.36059 AU
	-9977 Dec 03 j 03:55	0°♎	
superior conj	-9977 Dec 05 j 18:19	5°♎11'20	-1°38'08
minimum elong	-9977 Dec 05 j 19:46	5°♎18'36	1°38'03
evening rise	-9977 Dec 13 j 14:13	21°♎12'37	
	-9977 Dec 18 j 00:22	0°♏	
asc. node	-9977 Dec 19 j 16:38	3°♏09'24	
evening max el	-9977 Dec 31 j 20:11	20°♏31'07	20°10'52
retrograde	-9976 Jan 11 j 02:53	25°♏20'54	
evening set	-9976 Jan 13 j 16:22	25°♏04'13	
inferior conj	-9976 Jan 22 j 07:45	21°♏03'29	3°06'50
minimum elong	-9976 Jan 22 j 13:25	20°♏54'52	3°05'06
min. Earth dist.	-9976 Jan 24 j 06:47	19°♏52'13	0.55981 AU
morning rise	-9976 Jan 31 j 08:37	16°♏33'20	
direct	-9976 Feb 04 j 05:10	16°♏00'30	
desc. node	-9976 Feb 04 j 09:26	16°♏00'34	
morning max el	-9976 Feb 17 j 20:03	22°♏46'06	23°34'34
	-9976 Feb 24 j 04:24	0°♐	
	-9976 Mar 12 j 09:33	0°♑	
morning set	-9976 Mar 12 j 13:17	0°♑19'33	
asc. node	-9976 Mar 16 j 15:04	8°♑59'18	
superior conj	-9976 Mar 19 j 15:45	15°♑29'25	0°29'13
minimum elong	-9976 Mar 19 j 14:30	15°♑22'48	0°28'24
max. Earth dist.	-9976 Mar 21 j 18:23	19°♑58'52	1.33708 AU
	-9976 Mar 26 j 14:47	0°♒	
evening rise	-9976 Mar 27 j 06:43	1°♒19'47	
	-9976 Apr 12 j 10:35	0°♓	
evening max el	-9976 Apr 29 j 20:09	22°♓23'20	27°25'53
desc. node	-9976 May 02 j 08:25	24°♓40'28	
retrograde	-9976 May 13 j 13:24	29°♓56'13	
evening set	-9976 May 20 j 13:29	27°♓19'13	
min. Earth dist.	-9976 May 24 j 04:51	24°♓03'30	0.63497 AU
inferior conj	-9976 May 26 j 19:47	21°♓18'45	-3°36'22

minimum elong	-9976 May 26 j 21:00	21°♓15'32	3°36'26
morning rise	-9976 Jun 02 j 05:27	16°♓01'04	
direct	-9976 Jun 05 j 00:04	15°♓22'38	
morning max el	-9976 Jun 11 j 12:12	18°♓46'42	18°04'28
asc. node	-9976 Jun 12 j 15:25	19°♓58'47	
	-9976 Jun 19 j 17:35	0°♈	
morning set	-9976 Jun 28 j 21:41	15°♈36'49	
	-9976 Jul 07 j 07:29	0°♉	
superior conj	-9976 Jul 11 j 12:44	7°♉01'21	1°32'06
minimum elong	-9976 Jul 11 j 18:15	7°♉24'04	1°32'00
max. Earth dist.	-9976 Jul 17 j 02:56	16°♉07'17	1.43678 AU
	-9976 Jul 25 j 21:30	0°♊	
evening rise	-9976 Jul 27 j 14:36	2°♊39'50	
desc. node	-9976 Jul 29 j 05:34	5°♊10'39	
	-9976 Aug 14 j 19:01	0°♋	
evening max el	-9976 Aug 24 j 10:32	12°♋13'27	20°29'12
retrograde	-9976 Sep 01 j 09:10	16°♋52'30	
evening set	-9976 Sep 05 j 03:46	15°♋30'29	
asc. node	-9976 Sep 08 j 15:41	11°♋57'34	
inferior conj	-9976 Sep 10 j 14:01	9°♋25'50	0°37'30
minimum elong	-9976 Sep 10 j 13:09	9°♋28'44	0°37'45
min. Earth dist.	-9976 Sep 11 j 07:33	8°♋26'49	0.66688 AU
morning rise	-9976 Sep 15 j 22:19	3°♋06'24	
direct	-9976 Sep 21 j 09:19	0°♋46'34	
morning max el	-9976 Oct 02 j 18:39	7°♋34'27	24°37'17
	-9976 Oct 20 j 08:37	0°♌	
desc. node	-9976 Oct 25 j 04:54	7°♌14'28	
morning set	-9976 Nov 07 j 14:04	29°♌07'56	
	-9976 Nov 08 j 01:58	0°♍	
max. Earth dist.	-9976 Nov 11 j 11:29	6°♍03'54	1.37870 AU
superior conj	-9976 Nov 18 j 04:23	18°♍38'39	-1°42'30
minimum elong	-9976 Nov 18 j 04:22	18°♍38'34	1°42'20
	-9976 Nov 23 j 22:49	0°♎	
evening rise	-9976 Nov 26 j 15:42	5°♎22'56	
asc. node	-9976 Dec 05 j 13:57	22°♎01'47	
	-9976 Dec 11 j 02:48	0°♏	
evening max el	-9976 Dec 13 j 13:19	2°♏37'20	19°10'35
retrograde	-9976 Dec 22 j 08:20	6°♏48'22	
evening set	-9976 Dec 24 j 20:27	6°♏29'30	
inferior conj	-9975 Jan 01 j 22:17	2°♏15'40	4°00'14
minimum elong	-9975 Jan 02 j 01:37	2°♏09'57	3°59'36
min. Earth dist.	-9975 Jan 04 j 21:08	0°♏14'32	0.57289 AU
	-9975 Jan 05 j 05:59	30°℞♎	
morning rise	-9975 Jan 10 j 04:31	27°♎20'00	
direct	-9975 Jan 15 j 09:40	26°♎16'35	
desc. node	-9975 Jan 21 j 06:15	27°♎36'20	
	-9975 Jan 25 j 08:28	0°♏	
morning max el	-9975 Jan 29 j 10:48	3°♏26'46	25°09'35
	-9975 Feb 17 j 06:17	0°♐	
morning set	-9975 Feb 25 j 01:46	15°♐24'55	
asc. node	-9975 Mar 03 j 12:07	29°♐14'57	
	-9975 Mar 03 j 20:24	0°♑	
superior conj	-9975 Mar 04 j 01:29	0°♑27'32	0°05'29
minimum elong	-9975 Mar 04 j 01:16	0°♑26'23	0°04'51
behind sun begin	-9975 Mar 03 j 20:26	0°♑00'08	
behind sun end	-9975 Mar 04 j 06:06	0°♑52'37	
max. Earth dist.	-9975 Mar 05 j 03:47	2°♑50'07	1.33086 AU
evening rise	-9975 Mar 11 j 08:23	15°♑54'34	
	-9975 Mar 18 j 15:00	0°♒	
	-9975 Apr 07 j 12:44	0°♓	
evening max el	-9975 Apr 12 j 03:29	4°♓55'31	27°16'08
desc. node	-9975 Apr 19 j 05:42	10°♓24'26	
retrograde	-9975 Apr 26 j 03:12	12°♓25'45	
evening set	-9975 May 02 j 22:37	10°♓13'03	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-9975 May 06 j 16:17	7°♓18'12	0.61672 AU
inferior conj	-9975 May 09 j 19:21	4°♓24'10	-3°38'24
minimum elong	-9975 May 09 j 18:47	4°♓25'31	3°38'41
	-9975 May 15 j 10:27	30°℞♒	
morning rise	-9975 May 16 j 16:37	29°♒25'42	
direct	-9975 May 19 j 07:17	28°♒55'52	
	-9975 May 23 j 01:40	0°♓	
morning max el	-9975 May 26 j 01:56	2°♓19'44	18°02'20
asc. node	-9975 May 30 j 12:13	7°♓42'44	
morning set	-9975 Jun 11 j 10:18	27°♓58'09	
	-9975 Jun 12 j 13:11	0°♈	
superior conj	-9975 Jun 22 j 09:08	17°♈27'59	1°47'34
minimum elong	-9975 Jun 22 j 11:11	17°♈36'51	1°47'36
max. Earth dist.	-9975 Jun 29 j 12:12	29°♈30'00	1.42313 AU
	-9975 Jun 29 j 19:29	0°♉	
evening rise	-9975 Jul 06 j 17:36	11°♉09'46	
desc. node	-9975 Jul 16 j 02:53	25°♉39'05	
	-9975 Jul 19 j 00:41	0°♊	
evening max el	-9975 Aug 07 j 07:11	25°♊37'03	21°41'11
	-9975 Aug 12 j 20:33	0°♋	
retrograde	-9975 Aug 16 j 05:00	0°♋53'09	
	-9975 Aug 19 j 07:54	30°℞♊	
evening set	-9975 Aug 20 j 12:12	29°♊11'17	
inferior conj	-9975 Aug 25 j 19:09	23°♊00'20	-0°14'13
minimum elong	-9975 Aug 25 j 19:26	22°♊59'19	0°13'32
transit middle	-9975 Aug 25 j 19:26	22°♊59'19	0°13'32
transit begin	-9975 Aug 25 j 17:55	23°♊04'35	
transit end	-9975 Aug 25 j 20:58	22°♊54'03	
min. Earth dist.	-9975 Aug 26 j 02:11	22°♊36'03	0.67114 AU
asc. node	-9975 Aug 26 j 12:42	21°♊59'57	
morning rise	-9975 Aug 31 j 02:32	16°♊41'12	
direct	-9975 Sep 04 j 23:10	14°♊40'00	
morning max el	-9975 Sep 15 j 05:00	20°♊49'24	23°13'19
	-9975 Sep 23 j 00:18	0°♋	
desc. node	-9975 Oct 12 j 01:44	27°♋32'21	
	-9975 Oct 13 j 15:16	0°♌	
morning set	-9975 Oct 19 j 15:38	9°♌44'50	
max. Earth dist.	-9975 Oct 24 j 09:22	17°♌45'56	1.39868 AU
	-9975 Oct 31 j 06:32	0°♍	
superior conj	-9975 Oct 31 j 23:32	1°♍17'58	-1°38'04
minimum elong	-9975 Oct 31 j 21:24	1°♍08'10	1°37'39
evening rise	-9975 Nov 10 j 09:22	19°♍05'54	
	-9975 Nov 16 j 04:45	0°♎	
asc. node	-9975 Nov 22 j 11:15	10°♎14'10	
evening max el	-9975 Nov 26 j 15:35	15°♎14'38	18°30'17
retrograde	-9975 Dec 04 j 07:39	19°♎00'31	
evening set	-9975 Dec 06 j 19:53	18°♎37'41	
inferior conj	-9975 Dec 14 j 08:07	14°♎03'25	4°15'43
minimum elong	-9975 Dec 14 j 07:53	14°♎03'53	4°15'39
min. Earth dist.	-9975 Dec 17 j 14:17	11°♎29'11	0.59046 AU
morning rise	-9975 Dec 21 j 18:07	8°♎45'52	
direct	-9975 Dec 28 j 02:07	7°♎04'04	
desc. node	-9974 Jan 08 j 03:00	11°♎44'39	
morning max el	-9974 Jan 11 j 04:08	14°♎25'27	26°28'49
	-9974 Jan 23 j 16:45	0°♏	
	-9974 Feb 09 j 07:54	0°♐	
morning set	-9974 Feb 09 j 13:03	0°♐26'52	
superior conj	-9974 Feb 16 j 13:02	15°♐31'09	-0°18'01
minimum elong	-9974 Feb 16 j 13:48	15°♐35'21	0°18'24
max. Earth dist.	-9974 Feb 16 j 16:59	15°♐52'43	1.32794 AU
asc. node	-9974 Feb 18 j 09:14	19°♐32'13	
	-9974 Feb 23 j 06:41	0°♑	
evening rise	-9974 Feb 23 j 15:18	0°♑44'53	
	-9974 Mar 11 j 19:31	0°♒	
evening max el	-9974 Mar 25 j 05:58	16°♒51'04	26°33'44
desc. node	-9974 Apr 06 j 02:54	24°♒01'07	
retrograde	-9974 Apr 08 j 08:42	24°♒13'48	
evening set	-9974 Apr 14 j 13:19	22°♒35'08	
min. Earth dist.	-9974 Apr 18 j 19:15	19°♒46'45	0.59682 AU
inferior conj	-9974 Apr 22 j 03:49	17°♒04'21	-3°18'55
minimum elong	-9974 Apr 22 j 01:04	17°♒09'57	3°19'00
morning rise	-9974 Apr 29 j 15:23	12°♒26'04	
direct	-9974 May 02 j 02:30	12°♒03'30	
morning max el	-9974 May 09 j 12:57	15°♒39'25	18°19'18
asc. node	-9974 May 17 j 09:03	26°♒12'30	
	-9974 May 19 j 14:05	0°♓	
morning set	-9974 May 25 j 15:13	11°♓09'34	
superior conj	-9974 Jun 04 j 07:05	29°♓11'42	1°49'03
minimum elong	-9974 Jun 04 j 06:07	29°♓07'18	1°48'57
	-9974 Jun 04 j 17:44	0°♈	
max. Earth dist.	-9974 Jun 11 j 16:15	12°♈13'40	1.40568 AU
evening rise	-9974 Jun 16 j 16:06	20°♈36'45	
	-9974 Jun 22 j 12:05	0°♉	
desc. node	-9974 Jul 03 j 00:14	15°♉54'45	
	-9974 Jul 13 j 05:14	0°♊	
evening max el	-9974 Jul 20 j 21:41	8°♊58'05	23°01'11
retrograde	-9974 Jul 30 j 22:26	14°♊54'59	
evening set	-9974 Aug 04 j 19:51	12°♊51'51	
inferior conj	-9974 Aug 10 j 01:25	6°♊37'14	-1°03'44
minimum elong	-9974 Aug 10 j 02:45	6°♊32'40	1°02'43
min. Earth dist.	-9974 Aug 09 j 22:00	6°♊49'00	0.67252 AU
asc. node	-9974 Aug 13 j 09:41	2°♊17'59	
morning rise	-9974 Aug 15 j 09:33	0°♊22'03	
	-9974 Aug 15 j 21:15	30°℞♉	
direct	-9974 Aug 19 j 16:57	28°♉40'00	
	-9974 Aug 23 j 21:00	0°♊	
morning max el	-9974 Aug 28 j 19:07	4°♊06'31	21°50'24
	-9974 Sep 17 j 04:45	0°♋	
desc. node	-9974 Sep 28 j 22:37	18°♋01'38	
morning set	-9974 Sep 29 j 14:16	19°♋03'44	
	-9974 Oct 06 j 08:07	0°♌	
max. Earth dist.	-9974 Oct 06 j 11:48	0°♌15'17	1.41781 AU
superior conj	-9974 Oct 13 j 22:05	12°♌53'05	-1°22'12
minimum elong	-9974 Oct 13 j 17:49	12°♌34'30	1°21'21
	-9974 Oct 23 j 10:56	0°♍	
evening rise	-9974 Oct 24 j 15:50	2°♍12'34	
asc. node	-9974 Nov 09 j 08:33	27°♍33'18	
evening max el	-9974 Nov 10 j 00:25	28°♍14'17	18°10'06
	-9974 Nov 12 j 01:32	0°♎	
retrograde	-9974 Nov 16 j 23:42	1°♎48'06	
evening set	-9974 Nov 19 j 12:53	1°♎20'05	
	-9974 Nov 22 j 02:54	30°℞♍	
inferior conj	-9974 Nov 26 j 12:36	26°♍23'49	4°02'43
minimum elong	-9974 Nov 26 j 09:53	26°♍30'00	4°02'30
min. Earth dist.	-9974 Nov 29 j 13:43	23°♍37'34	0.60928 AU
morning rise	-9974 Dec 03 j 05:38	20°♍47'56	
direct	-9974 Dec 10 j 04:20	18°♍32'06	
morning max el	-9974 Dec 24 j 03:42	26°♍00'17	27°19'47
desc. node	-9974 Dec 25 j 23:45	27°♍51'15	
	-9974 Dec 27 j 22:51	0°♎	
	-9973 Jan 17 j 00:44	0°♏	
morning set	-9973 Jan 24 j 21:14	15°♏17'53	
max. Earth dist.	-9973 Jan 31 j 06:13	28°♏52'42	1.32823 AU
	-9973 Jan 31 j 18:35	0°♐	
superior conj	-9973 Feb 01 j 00:44	0°♐33'34	-0°40'25
minimum elong	-9973 Feb 01 j 02:19	0°♐42'13	0°40'35
asc. node	-9973 Feb 05 j 06:26	9°♐46'31	
evening rise	-9973 Feb 08 j 01:19	15°♐42'26	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9973 Feb	15 j 06:37	0°♑				-9972 Feb	09 j 01:37	0°♑	
evening max el	-9973 Mar	07 j 02:41	28°♑09'13	25°23'02		evening max el	-9972 Feb	16 j 19:49	9°♑02'45	23°54'08
	-9973 Mar	09 j 04:06	0°♒			retrograde	-9972 Mar	01 j 11:12	15°♑47'38	
retrograde	-9973 Mar	21 j 03:53	5°♒18'43			evening set	-9972 Mar	05 j 12:21	15°♑11'19	
desc. node	-9973 Mar	24 j 00:02	4°♒59'31			desc. node	-9972 Mar	09 j 21:08	13°♑20'28	
evening set	-9973 Mar	26 j 08:37	4°♒15'13			min. Earth dist.	-9972 Mar	12 j 08:34	11°♑55'14	0.56264 AU
min. Earth dist.	-9973 Mar	31 j 15:43	1°♒19'08	0.57771 AU		inferior conj	-9972 Mar	14 j 11:50	10°♑36'28	-1°10'32
	-9973 Apr	02 j 13:29	30°℞♑			minimum elong	-9972 Mar	14 j 09:04	10°♑40'44	1°10'16
inferior conj	-9973 Apr	03 j 17:46	29°♑10'12	-2°30'56		morning rise	-9972 Mar	23 j 08:39	6°♑31'49	
minimum elong	-9973 Apr	03 j 13:40	29°♑17'23	2°30'31		direct	-9972 Mar	25 j 14:03	6°♑18'55	
morning rise	-9973 Apr	11 j 21:55	24°♑51'25			morning max el	-9972 Apr	04 j 15:27	11°♑02'38	19°52'34
direct	-9973 Apr	14 j 05:31	24°♑34'48				-9972 Apr	17 j 14:52	0°♒	
morning max el	-9973 Apr	22 j 18:25	28°♑36'59	18°56'01		asc. node	-9972 Apr	20 j 02:50	4°♒48'25	
	-9973 Apr	24 j 03:08	0°♒			morning set	-9972 Apr	22 j 09:41	9°♒21'15	
asc. node	-9973 May	04 j 05:56	15°♒17'27							
morning set	-9973 May	09 j 08:12	25°♒00'38			superior conj	-9972 Apr	30 j 10:25	25°♒33'49	1°24'51
	-9973 May	11 j 21:14	0°♓			minimum elong	-9972 Apr	30 j 07:27	25°♒18'59	1°24'08
							-9972 May	02 j 16:28	0°♓	
superior conj	-9973 May	18 j 01:20	11°♓58'57	1°40'21		max. Earth dist.	-9972 May	05 j 19:34	6°♓01'00	1.36893 AU
minimum elong	-9973 May	17 j 22:45	11°♓46'41	1°39'57		evening rise	-9972 May	09 j 20:51	13°♓31'28	
max. Earth dist.	-9973 May	24 j 17:02	24°♓18'39	1.38680 AU			-9972 May	19 j 11:03	0°♈	
	-9973 May	27 j 22:14	0°♈			desc. node	-9972 Jun	05 j 19:01	25°♈22'37	
evening rise	-9973 May	28 j 18:04	1°♈26'01				-9972 Jun	09 j 12:42	0°♉	
	-9973 Jun	15 j 18:15	0°♉			evening max el	-9972 Jun	14 j 17:58	5°♉42'38	25°38'21
desc. node	-9973 Jun	19 j 21:37	5°♉52'05			retrograde	-9972 Jun	26 j 22:31	12°♉48'48	
evening max el	-9973 Jul	03 j 08:18	22°♉19'30	24°22'50		evening set	-9972 Jul	03 j 01:16	10°♉09'24	
retrograde	-9973 Jul	14 j 12:30	28°♉55'18			min. Earth dist.	-9972 Jul	07 j 07:57	5°♉20'50	0.66571 AU
evening set	-9973 Jul	20 j 00:53	26°♉31'54			inferior conj	-9972 Jul	08 j 10:33	3°♉54'34	-2°30'03
min. Earth dist.	-9973 Jul	24 j 16:42	21°♉04'54	0.67083 AU		minimum elong	-9972 Jul	08 j 13:07	3°♉46'14	2°29'04
inferior conj	-9973 Jul	25 j 07:10	20°♉16'00	-1°49'30			-9972 Jul	11 j 16:16	30°℞♈	
minimum elong	-9973 Jul	25 j 09:17	20°♉08'52	1°48'23		morning rise	-9972 Jul	14 j 01:02	27°♈56'59	
morning rise	-9973 Jul	30 j 17:38	14°♉08'05			direct	-9972 Jul	17 j 11:26	26°♈48'32	
asc. node	-9973 Jul	31 j 06:37	13°♉45'51			asc. node	-9972 Jul	17 j 03:31	26°♈49'09	
direct	-9973 Aug	03 j 13:31	12°♉43'57				-9972 Jul	23 j 17:31	0°♉	
morning max el	-9973 Aug	11 j 15:22	17°♉30'03	20°35'12		morning max el	-9972 Jul	24 j 18:16	1°♉00'37	19°32'17
	-9973 Aug	21 j 11:11	0°♊				-9972 Aug	14 j 01:15	0°♊	
morning set	-9973 Sep	08 j 18:27	27°♊33'22			morning set	-9972 Aug	17 j 23:22	6°♊07'59	
	-9973 Sep	10 j 08:05	0°♋			max. Earth dist.	-9972 Aug	31 j 10:47	27°♊20'25	1.44317 AU
desc. node	-9973 Sep	15 j 19:36	8°♋38'26			desc. node	-9972 Sep	01 j 16:39	29°♊19'08	
max. Earth dist.	-9973 Sep	18 j 20:48	13°♋31'40	1.43332 AU			-9972 Sep	02 j 02:56	0°♋	
superior conj	-9973 Sep	24 j 18:30	23°♋10'41	-0°52'47		superior conj	-9972 Sep	03 j 11:39	2°♋10'30	-0°10'52
minimum elong	-9973 Sep	24 j 13:51	22°♋51'24	0°51'41		minimum elong	-9972 Sep	03 j 10:25	2°♋05'36	0°10'09
	-9973 Sep	28 j 20:14	0°♌			behind sun begin	-9972 Sep	03 j 01:37	1°♋30'29	
evening rise	-9973 Oct	07 j 06:51	14°♌33'29			behind sun end	-9972 Sep	03 j 19:13	2°♋40'46	
	-9973 Oct	16 j 06:09	0°♍			evening rise	-9972 Sep	18 j 01:03	25°♋55'48	
evening max el	-9973 Oct	24 j 12:55	11°♍29'11	18°09'23			-9972 Sep	20 j 11:41	0°♌	
asc. node	-9973 Oct	27 j 05:49	13°♍44'22			evening max el	-9972 Oct	07 j 02:15	24°♌53'19	18°27'12
retrograde	-9973 Oct	31 j 04:27	15°♍01'37			asc. node	-9972 Oct	13 j 03:02	28°♌31'17	
evening set	-9973 Nov	02 j 20:07	14°♍26'50			retrograde	-9972 Oct	13 j 17:39	28°♌33'18	
inferior conj	-9973 Nov	09 j 08:44	9°♍10'19	3°31'10		evening set	-9972 Oct	16 j 13:54	27°♌49'17	
minimum elong	-9973 Nov	09 j 05:04	9°♍19'47	3°30'38		inferior conj	-9972 Oct	22 j 16:59	22°♌15'27	2°48'27
min. Earth dist.	-9973 Nov	11 j 22:35	6°♍30'53	0.62693 AU		minimum elong	-9972 Oct	22 j 13:29	22°♌25'25	2°47'48
morning rise	-9973 Nov	15 j 13:07	3°♍19'06			min. Earth dist.	-9972 Oct	24 j 17:40	19°♌56'20	0.64206 AU
direct	-9973 Nov	22 j 14:55	0°♍41'04			morning rise	-9972 Oct	28 j 12:27	16°♌12'05	
morning max el	-9973 Dec	06 j 09:19	8°♍14'37	27°36'10		direct	-9972 Nov	04 j 08:48	13°♌25'49	
desc. node	-9973 Dec	12 j 20:28	15°♍23'57			morning max el	-9972 Nov	17 j 18:27	21°♌00'06	27°18'21
	-9973 Dec	23 j 07:25	0°♎				-9972 Nov	25 j 16:46	0°♍	
morning set	-9972 Jan	09 j 00:07	29°♎50'10			desc. node	-9972 Nov	28 j 17:13	3°♍57'50	
	-9972 Jan	09 j 02:04	0°♏				-9972 Dec	15 j 08:06	0°♎	
max. Earth dist.	-9972 Jan	14 j 15:37	11°♏36'17	1.33199 AU		morning set	-9972 Dec	22 j 18:55	13°♎54'19	
						max. Earth dist.	-9972 Dec	27 j 17:21	23°♎51'42	1.33965 AU
superior conj	-9972 Jan	16 j 10:54	15°♏28'53	-1°00'58						
minimum elong	-9972 Jan	16 j 13:02	15°♏40'24	1°00'59		superior conj	-9972 Dec	30 j 17:41	0°♏10'42	-1°18'43
asc. node	-9972 Jan	23 j 03:40	29°♏53'26			minimum elong	-9972 Dec	30 j 19:59	0°♏22'52	1°18'40
	-9972 Jan	23 j 04:54	0°♐				-9972 Dec	30 j 15:40	0°♏	
evening rise	-9972 Jan	23 j 12:37	0°♐40'33			evening rise	-9971 Jan	06 j 23:31	15°♏33'20	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

asc. node	-9971 Jan 09 j 00:55	19°♏48'11	
	-9971 Jan 14 j 07:34	0°♐	
evening max el	-9971 Jan 28 j 14:36	19°♐56'19	22°20'30
retrograde	-9971 Feb 10 j 06:53	26°♐00'58	
evening set	-9971 Feb 13 j 09:59	25°♐39'27	
min. Earth dist.	-9971 Feb 21 j 23:53	21°♐50'50	0.55469 AU
inferior conj	-9971 Feb 22 j 14:09	21°♐30'26	0°34'04
minimum elong	-9971 Feb 22 j 15:37	21°♐28'20	0°33'02
desc. node	-9971 Feb 24 j 18:09	20°♐17'12	
morning rise	-9971 Mar 03 j 22:13	17°♐27'23	
direct	-9971 Mar 06 j 08:16	17°♐13'52	
morning max el	-9971 Mar 18 j 01:48	22°♐49'17	21°07'54
	-9971 Mar 24 j 04:41	0°♑	
morning set	-9971 Apr 06 j 16:56	24°♑03'45	
asc. node	-9971 Apr 06 j 23:47	24°♑38'59	
	-9971 Apr 09 j 13:42	0°♒	
superior conj	-9971 Apr 14 j 06:07	9°♒43'57	1°05'01
minimum elong	-9971 Apr 14 j 03:30	9°♒30'32	1°04'08
max. Earth dist.	-9971 Apr 18 j 06:06	17°♒50'17	1.35389 AU
evening rise	-9971 Apr 22 j 18:48	26°♒37'44	
	-9971 Apr 24 j 14:04	0°♓	
	-9971 May 12 j 19:26	0°♈	
desc. node	-9971 May 23 j 16:24	14°♈15'03	
evening max el	-9971 May 28 j 04:32	19°♈05'05	26°39'07
retrograde	-9971 Jun 10 j 03:46	26°♈29'12	
evening set	-9971 Jun 16 j 18:37	23°♈41'46	
min. Earth dist.	-9971 Jun 20 j 17:31	19°♈32'08	0.65685 AU
inferior conj	-9971 Jun 22 j 09:34	17°♈30'24	-3°03'39
minimum elong	-9971 Jun 22 j 12:07	17°♈22'38	3°03'00
morning rise	-9971 Jun 28 j 05:50	11°♈46'03	
direct	-9971 Jul 01 j 08:49	10°♈50'50	
asc. node	-9971 Jul 04 j 00:23	11°♈28'54	
morning max el	-9971 Jul 08 j 02:51	14°♈36'57	18°44'37
	-9971 Jul 19 j 06:02	0°♉	
morning set	-9971 Jul 28 j 23:11	15°♉36'40	
	-9971 Aug 06 j 22:29	0°♊	
superior conj	-9971 Aug 13 j 12:11	10°♊25'23	0°36'01
minimum elong	-9971 Aug 13 j 16:34	10°♊42'42	0°36'01
max. Earth dist.	-9971 Aug 14 j 03:22	11°♊25'23	1.44623 AU
desc. node	-9971 Aug 19 j 13:47	20°♊00'40	
	-9971 Aug 25 j 21:06	0°♋	
evening rise	-9971 Aug 29 j 17:27	6°♋07'26	
	-9971 Sep 14 j 00:09	0°♌	
evening max el	-9971 Sep 20 j 13:39	8°♌21'39	19°02'18
retrograde	-9971 Sep 27 j 11:48	12°♌17'28	
asc. node	-9971 Sep 30 j 00:13	11°♌41'05	
evening set	-9971 Sep 30 j 14:59	11°♌21'11	
inferior conj	-9971 Oct 06 j 10:09	5°♌33'01	1°59'28
minimum elong	-9971 Oct 06 j 07:30	5°♌41'16	1°59'02
min. Earth dist.	-9971 Oct 07 j 21:54	3°♌42'19	0.65419 AU
	-9971 Oct 11 j 06:12	30°℞♋	
morning rise	-9971 Oct 11 j 23:35	29°♋20'49	
direct	-9971 Oct 18 j 09:01	26°♋38'39	
	-9971 Oct 26 j 12:53	0°♌	
morning max el	-9971 Oct 31 j 04:25	4°♌04'02	26°31'18
desc. node	-9971 Nov 15 j 13:55	23°♌14'25	
	-9971 Nov 20 j 02:39	0°♍	
morning set	-9971 Dec 06 j 01:51	27°♍17'31	
	-9971 Dec 07 j 12:01	0°♎	
max. Earth dist.	-9971 Dec 10 j 08:22	5°♎32'55	1.35169 AU
superior conj	-9971 Dec 14 j 18:46	14°♎30'27	-1°32'32
minimum elong	-9971 Dec 14 j 20:42	14°♎40'27	1°32'28
evening rise	-9971 Dec 22 j 08:16	0°♏13'52	
	-9971 Dec 22 j 05:34	0°♏	

asc. node	-9971 Dec 26 j 22:12	9°♏24'15	
	-9970 Jan 09 j 11:38	0°♐	
evening max el	-9970 Jan 10 j 16:08	1°♐10'12	20°54'03
retrograde	-9970 Jan 21 j 20:48	6°♐26'04	
evening set	-9970 Jan 24 j 13:01	6°♐09'12	
inferior conj	-9970 Feb 02 j 11:09	2°♐10'53	2°18'20
minimum elong	-9970 Feb 02 j 16:24	2°♐03'16	2°16'21
min. Earth dist.	-9970 Feb 03 j 14:01	1°♐32'03	0.55550 AU
	-9970 Feb 06 j 08:45	30°℞♏	
morning rise	-9970 Feb 11 j 18:37	27°♏54'07	
desc. node	-9970 Feb 11 j 15:06	27°♏56'11	
direct	-9970 Feb 14 j 23:02	27°♏31'49	
	-9970 Feb 23 j 00:34	0°♐	
morning max el	-9970 Feb 28 j 01:05	3°♐55'42	22°38'33
	-9970 Mar 17 j 16:36	0°♑	
morning set	-9970 Mar 22 j 03:41	9°♑00'20	
asc. node	-9970 Mar 24 j 20:46	14°♑42'51	
superior conj	-9970 Mar 29 j 09:06	24°♑18'40	0°42'42
minimum elong	-9970 Mar 29 j 07:18	24°♑09'09	0°41'48
max. Earth dist.	-9970 Apr 01 j 03:05	0°♒04'29	1.34227 AU
	-9970 Apr 01 j 02:13	0°♒	
evening rise	-9970 Apr 06 j 06:34	10°♒28'04	
	-9970 Apr 16 j 23:47	0°♓	
	-9970 May 08 j 09:43	0°♈	
evening max el	-9970 May 10 j 15:34	2°♈17'42	27°17'03
desc. node	-9970 May 10 j 13:46	2°♈13'19	
retrograde	-9970 May 24 j 03:29	9°♈48'50	
evening set	-9970 May 31 j 02:06	7°♈04'31	
min. Earth dist.	-9970 Jun 03 j 19:18	3°♈31'01	0.64407 AU
inferior conj	-9970 Jun 06 j 01:50	0°♈59'19	-3°27'57
minimum elong	-9970 Jun 06 j 03:45	0°♈53'58	3°27'45
	-9970 Jun 06 j 23:17	30°℞♓	
morning rise	-9970 Jun 12 j 05:55	25°♓31'01	
direct	-9970 Jun 15 j 03:16	24°♓46'51	
asc. node	-9970 Jun 20 j 21:12	27°♓32'36	
morning max el	-9970 Jun 21 j 15:18	28°♓15'58	18°13'57
	-9970 Jun 23 j 05:24	0°♈	
morning set	-9970 Jul 10 j 00:38	26°♈17'29	
	-9970 Jul 12 j 05:33	0°♉	
superior conj	-9970 Jul 23 j 17:55	18°♉57'25	1°15'52
minimum elong	-9970 Jul 24 j 00:28	19°♉23'50	1°15'38
max. Earth dist.	-9970 Jul 27 j 19:49	25°♉29'43	1.44218 AU
	-9970 Jul 30 j 15:57	0°♊	
desc. node	-9970 Aug 06 j 10:59	10°♊40'06	
evening rise	-9970 Aug 09 j 08:06	15°♊09'15	
	-9970 Aug 18 j 23:08	0°♋	
greatest brilliancy	-9970 Aug 21 j 19:56	4°♋20'26	-0.7m
evening max el	-9970 Sep 03 j 20:37	21°♋50'21	19°53'20
retrograde	-9970 Sep 11 j 08:15	26°♋10'46	
evening set	-9970 Sep 14 j 20:42	24°♋58'53	
asc. node	-9970 Sep 16 j 21:19	23°♋14'23	
inferior conj	-9970 Sep 20 j 09:41	18°♋59'23	1°07'40
minimum elong	-9970 Sep 20 j 08:08	19°♋04'28	1°07'39
min. Earth dist.	-9970 Sep 21 j 09:31	17°♋41'08	0.66317 AU
morning rise	-9970 Sep 25 j 19:19	12°♋41'47	
direct	-9970 Oct 01 j 14:50	10°♋12'25	
morning max el	-9970 Oct 13 j 14:00	17°♋16'46	25°22'52
	-9970 Oct 24 j 06:51	0°♌	
desc. node	-9970 Nov 02 j 10:39	13°♌01'36	
	-9970 Nov 13 j 01:45	0°♍	
morning set	-9970 Nov 18 j 16:17	9°♍46'47	
max. Earth dist.	-9970 Nov 22 j 13:00	16°♍52'39	1.36797 AU
superior conj	-9970 Nov 28 j 11:20	28°♍19'49	-1°40'55
minimum elong	-9970 Nov 28 j 12:15	28°♍24'21	1°40'49

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9970 Nov 29 j 07:29	0°♌	
evening rise	-9970 Dec 06 j 13:01	14°♌36'55	
asc. node	-9970 Dec 13 j 19:29	28°♌34'41	
	-9970 Dec 14 j 15:01	0°♏	
evening max el	-9970 Dec 24 j 03:18	12°♏55'57	19°42'49
retrograde	-9969 Jan 02 j 17:40	17°♏27'30	
evening set	-9969 Jan 05 j 06:31	17°♏10'00	
inferior conj	-9969 Jan 13 j 16:16	13°♏04'50	3°34'26
minimum elong	-9969 Jan 13 j 21:18	12°♏56'49	3°33'10
min. Earth dist.	-9969 Jan 16 j 03:26	11°♏31'05	0.56468 AU
morning rise	-9969 Jan 22 j 09:59	8°♏24'08	
direct	-9969 Jan 26 j 20:34	7°♏39'57	
desc. node	-9969 Jan 29 j 11:57	7°♏55'58	
morning max el	-9969 Feb 09 j 17:00	14°♏37'14	24°15'59
	-9969 Feb 21 j 17:50	0°♐	
morning set	-9969 Mar 06 j 16:02	24°♐04'15	
	-9969 Mar 09 j 11:01	0°♑	
asc. node	-9969 Mar 11 j 17:48	4°♑55'16	
superior conj	-9969 Mar 13 j 16:57	9°♑09'55	0°19'09
minimum elong	-9969 Mar 13 j 16:09	9°♑05'35	0°18'24
max. Earth dist.	-9969 Mar 15 j 09:00	12°♑44'53	1.33408 AU
evening rise	-9969 Mar 21 j 04:04	24°♑49'21	
	-9969 Mar 23 j 18:46	0°♒	
	-9969 Apr 10 j 13:40	0°♓	
evening max el	-9969 Apr 23 j 00:56	15°♓07'44	27°25'45
desc. node	-9969 Apr 27 j 11:05	18°♓54'46	
retrograde	-9969 May 06 j 20:57	22°♓39'10	
evening set	-9969 May 13 j 20:23	20°♓11'01	
min. Earth dist.	-9969 May 17 j 11:51	17°♓05'55	0.62759 AU
inferior conj	-9969 May 20 j 08:26	14°♓15'12	-3°39'28
minimum elong	-9969 May 20 j 08:58	14°♓13'52	3°39'40
morning rise	-9969 May 26 j 22:41	9°♓05'27	
direct	-9969 May 29 j 15:41	8°♓30'41	
morning max el	-9969 Jun 05 j 05:19	11°♓52'55	18°01'16
asc. node	-9969 Jun 07 j 18:01	14°♓44'11	
	-9969 Jun 17 j 11:28	0°♈	
morning set	-9969 Jun 22 j 01:44	8°♈05'07	
superior conj	-9969 Jul 03 j 22:31	28°♈37'05	1°40'37
minimum elong	-9969 Jul 04 j 02:40	28°♈54'29	1°40'35
	-9969 Jul 04 j 18:19	0°♉	
max. Earth dist.	-9969 Jul 10 j 08:53	9°♉14'04	1.43161 AU
evening rise	-9969 Jul 19 j 08:58	23°♉32'51	
	-9969 Jul 23 j 13:05	0°♊	
desc. node	-9969 Jul 24 j 08:16	1°♊13'30	
	-9969 Aug 13 j 07:45	0°♋	
evening max el	-9969 Aug 17 j 21:12	5°♋15'33	20°58'28
retrograde	-9969 Aug 26 j 04:53	10°♋09'21	
evening set	-9969 Aug 30 j 04:43	8°♋38'55	
asc. node	-9969 Sep 03 j 18:22	3°♋35'19	
inferior conj	-9969 Sep 04 j 13:18	2°♋31'07	0°15'22
minimum elong	-9969 Sep 04 j 12:57	2°♋32'20	0°15'49
transit middle	-9969 Sep 04 j 12:57	2°♋32'20	0°15'49
transit begin	-9969 Sep 04 j 12:14	2°♋34'47	
transit end	-9969 Sep 04 j 13:40	2°♋29'53	
min. Earth dist.	-9969 Sep 05 j 02:14	1°♋47'04	0.66909 AU
	-9969 Sep 06 j 10:18	30°℞♊	
morning rise	-9969 Sep 09 j 21:02	26°♊11'34	
direct	-9969 Sep 15 j 01:47	23°♊59'45	
	-9969 Sep 25 j 10:58	0°♋	
morning max el	-9969 Sep 25 j 23:40	0°♋31'44	24°01'56
	-9969 Oct 18 j 05:53	0°♌	
desc. node	-9969 Oct 20 j 07:27	3°♌09'55	
morning set	-9969 Oct 31 j 08:42	21°♌07'32	
max. Earth dist.	-9969 Nov 04 j 11:38	28°♌18'18	1.38720 AU
	-9969 Nov 05 j 10:26	0°♍	
superior conj	-9969 Nov 11 j 15:36	11°♍27'43	-1°41'51
minimum elong	-9969 Nov 11 j 14:45	11°♍23'40	1°41'36
evening rise	-9969 Nov 20 j 11:30	28°♍36'11	
	-9969 Nov 21 j 04:40	0°♎	
asc. node	-9969 Nov 30 j 16:46	17°♎10'57	
evening max el	-9969 Dec 07 j 00:25	25°♎15'06	18°50'52
retrograde	-9969 Dec 15 j 06:51	29°♎14'10	
evening set	-9969 Dec 17 j 18:50	28°♎53'47	
inferior conj	-9969 Dec 25 j 14:44	24°♎31'21	4°11'00
minimum elong	-9969 Dec 25 j 16:31	24°♎28'06	4°10'43
min. Earth dist.	-9969 Dec 28 j 18:22	22°♎13'53	0.57999 AU
morning rise	-9968 Jan 02 j 12:08	19°♎25'46	
direct	-9968 Jan 08 j 05:45	18°♎06'36	
desc. node	-9968 Jan 16 j 08:46	20°♎39'36	
morning max el	-9968 Jan 22 j 08:16	25°♎22'23	25°46'17
	-9968 Jan 26 j 16:10	0°♏	
	-9968 Feb 14 j 16:03	0°♐	
morning set	-9968 Feb 19 j 04:15	9°♐09'06	
superior conj	-9968 Feb 26 j 03:41	24°♐11'02	-0°04'36
minimum elong	-9968 Feb 26 j 03:54	24°♐12'13	0°05'08
behind sun begin	-9968 Feb 25 j 23:07	23°♐46'12	
behind sun end	-9968 Feb 26 j 08:40	24°♐38'13	
asc. node	-9968 Feb 26 j 14:53	25°♐12'02	
max. Earth dist.	-9968 Feb 26 j 20:33	25°♐42'50	1.32916 AU
	-9968 Feb 28 j 20:01	0°♑	
evening rise	-9968 Mar 04 j 08:15	9°♑31'30	
	-9968 Mar 15 j 03:48	0°♒	
evening max el	-9968 Apr 04 j 06:15	27°♒24'33	27°01'57
	-9968 Apr 07 j 04:16	0°♓	
desc. node	-9968 Apr 13 j 08:20	3°♓49'32	
retrograde	-9968 Apr 18 j 07:28	4°♓52'30	
evening set	-9968 Apr 24 j 22:04	2°♓53'04	
	-9968 Apr 28 j 20:50	30°℞♒	
min. Earth dist.	-9968 Apr 28 j 19:18	0°♓03'13	0.60832 AU
inferior conj	-9968 May 02 j 02:02	27°♒11'09	-3°33'12
minimum elong	-9968 May 02 j 00:32	27°♒14'27	3°33'28
morning rise	-9968 May 09 j 05:05	22°♒21'34	
direct	-9968 May 11 j 18:17	21°♒54'59	
morning max el	-9968 May 18 j 18:21	25°♒22'02	18°07'16
	-9968 May 22 j 16:24	0°♓	
asc. node	-9968 May 24 j 14:52	2°♓49'27	
morning set	-9968 Jun 03 j 21:55	20°♓49'31	
	-9968 Jun 08 j 21:35	0°♈	
superior conj	-9968 Jun 14 j 06:29	9°♈38'54	1°49'40
minimum elong	-9968 Jun 14 j 07:06	9°♈41'37	1°49'42
max. Earth dist.	-9968 Jun 21 j 15:58	22°♈21'37	1.41604 AU
	-9968 Jun 26 j 07:19	0°♉	
evening rise	-9968 Jun 27 j 18:24	2°♉21'29	
desc. node	-9968 Jul 10 j 05:35	21°♉37'10	
	-9968 Jul 15 j 23:39	0°♊	
evening max el	-9968 Jul 30 j 14:55	18°♊37'14	22°14'25
retrograde	-9968 Aug 08 j 23:59	24°♊11'01	
evening set	-9968 Aug 13 j 13:04	22°♊20'01	
inferior conj	-9968 Aug 18 j 19:10	16°♊06'53	-0°35'36
minimum elong	-9968 Aug 18 j 19:55	16°♊04'17	0°34'45
min. Earth dist.	-9968 Aug 18 j 21:44	15°♊58'01	0.67211 AU
asc. node	-9968 Aug 20 j 15:23	13°♊36'44	
morning rise	-9968 Aug 24 j 02:41	9°♊48'55	
direct	-9968 Aug 28 j 17:22	7°♊56'10	
morning max el	-9968 Sep 07 j 11:28	13°♊47'49	22°37'23
	-9968 Sep 20 j 09:28	0°♋	
desc. node	-9968 Oct 06 j 04:17	23°♋33'02	
	-9968 Oct 10 j 05:19	0°♌	
morning set	-9968 Oct 10 j 22:38	1°♌10'14	
max. Earth dist.	-9968 Oct 16 j 10:46	10°♌18'21	1.40710 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9968 Oct 24 j 02:39	23°♌40'58	-1°32'53
minimum elong	-9968 Oct 23 j 23:32	23°♌26'59	1°32'17
	-9968 Oct 27 j 13:53	0°♍	
evening rise	-9968 Nov 03 j 00:52	12°♍04'35	
	-9968 Nov 13 j 01:44	0°♎	
asc. node	-9968 Nov 16 j 14:04	5°♎02'14	
evening max el	-9968 Nov 19 j 05:46	8°♎02'29	18°19'15
retrograde	-9968 Nov 26 j 13:44	11°♎42'03	
evening set	-9968 Nov 29 j 02:03	11°♎17'20	
inferior conj	-9968 Dec 06 j 08:49	6°♎33'49	4°13'06
minimum elong	-9968 Dec 06 j 07:20	6°♎36'56	4°13'00
min. Earth dist.	-9968 Dec 09 j 14:03	3°♎51'33	0.59843 AU
morning rise	-9968 Dec 13 j 11:00	1°♎07'41	
	-9968 Dec 15 j 19:01	30°℞♍	
direct	-9968 Dec 20 j 02:40	29°♍10'07	
	-9968 Dec 24 j 13:14	0°♎	
desc. node	-9967 Jan 02 j 05:33	5°♎42'25	
morning max el	-9967 Jan 03 j 04:14	6°♎35'39	26°54'35
	-9967 Jan 20 j 18:10	0°♏	
morning set	-9967 Feb 02 j 14:27	24°♏07'15	
	-9967 Feb 05 j 09:13	0°♐	

superior conj	-9967 Feb 09 j 15:30	9°♐14'52	-0°27'42
minimum elong	-9967 Feb 09 j 16:38	9°♐21'06	0°28'00
max. Earth dist.	-9967 Feb 09 j 10:02	8°♐45'03	1.32755 AU
asc. node	-9967 Feb 12 j 12:01	15°♐28'26	
evening rise	-9967 Feb 16 j 16:41	24°♐25'25	
	-9967 Feb 19 j 10:02	0°♑	
	-9967 Mar 09 j 08:25	0°♒	
evening max el	-9967 Mar 17 j 06:02	9°♒02'44	26°06'43
retrograde	-9967 Mar 31 j 09:14	16°♒21'52	
desc. node	-9967 Mar 31 j 05:33	16°♒21'48	
evening set	-9967 Apr 06 j 04:27	14°♒58'31	
min. Earth dist.	-9967 Apr 10 j 19:17	12°♒08'23	0.58831 AU
inferior conj	-9967 Apr 14 j 02:57	9°♒37'24	-3°02'27
minimum elong	-9967 Apr 13 j 23:25	9°♒44'08	3°02'20
morning rise	-9967 Apr 21 j 21:23	5°♒07'56	
direct	-9967 Apr 24 j 06:49	4°♒48'15	
morning max el	-9967 May 02 j 03:26	8°♒33'44	18°32'33
asc. node	-9967 May 11 j 11:43	21°♒35'16	
	-9967 May 16 j 02:11	0°♓	
morning set	-9967 May 18 j 08:27	4°♓18'45	

superior conj	-9967 May 27 j 13:47	21°♓51'36	1°46'23
minimum elong	-9967 May 27 j 11:58	21°♓43'09	1°46'10
	-9967 Jun 01 j 00:58	0°♈	
max. Earth dist.	-9967 Jun 03 j 17:32	4°♈45'14	1.39764 AU
evening rise	-9967 Jun 08 j 04:26	12°♈22'45	
	-9967 Jun 19 j 04:11	0°♉	
desc. node	-9967 Jun 27 j 02:57	11°♉45'55	
	-9967 Jul 11 j 06:20	0°♊	
evening max el	-9967 Jul 13 j 03:22	1°♊58'08	23°36'08
retrograde	-9967 Jul 23 j 16:16	8°♊12'49	
evening set	-9967 Jul 28 j 19:53	6°♊00'58	
min. Earth dist.	-9967 Aug 02 j 17:31	0°♊12'42	0.67217 AU
	-9967 Aug 02 j 21:13	30°℞♉	
inferior conj	-9967 Aug 03 j 01:29	29°♉45'21	-1°23'41
minimum elong	-9967 Aug 03 j 03:11	29°♉39'32	1°22'36
asc. node	-9967 Aug 07 j 12:22	24°♉19'46	
morning rise	-9967 Aug 08 j 10:24	23°♉32'34	
direct	-9967 Aug 12 j 12:37	21°♉58'20	
morning max el	-9967 Aug 21 j 04:00	27°♉07'34	21°17'02
	-9967 Aug 23 j 18:19	0°♊	
	-9967 Sep 13 j 23:48	0°♋	
morning set	-9967 Sep 20 j 11:42	10°♋03'22	
desc. node	-9967 Sep 23 j 01:12	14°♋06'09	
max. Earth dist.	-9967 Sep 28 j 15:29	23°♋07'07	1.42496 AU

	-9967 Oct 02 j 19:15	0°♌	
superior conj	-9967 Oct 05 j 14:45	4°♌45'11	-1°11'25
minimum elong	-9967 Oct 05 j 09:58	4°♌24'48	1°10'25
evening rise	-9967 Oct 17 j 01:24	24°♌53'32	
	-9967 Oct 19 j 21:36	0°♍	
evening max el	-9967 Nov 02 j 16:39	21°♍10'30	18°07'32
asc. node	-9967 Nov 03 j 11:22	21°♍55'02	
retrograde	-9967 Nov 09 j 11:35	24°♍42'18	
evening set	-9967 Nov 12 j 01:37	24°♍11'40	
inferior conj	-9967 Nov 18 j 20:28	19°♍06'51	3°51'06
minimum elong	-9967 Nov 18 j 17:10	19°♍14'47	3°50'44
min. Earth dist.	-9967 Nov 21 j 17:26	16°♍21'11	0.61705 AU
morning rise	-9967 Nov 25 j 07:37	13°♍24'12	
direct	-9967 Dec 02 j 09:06	10°♍56'49	
morning max el	-9967 Dec 16 j 06:29	18°♍27'55	27°30'59
desc. node	-9967 Dec 20 j 02:17	22°♍29'41	
	-9967 Dec 26 j 02:40	0°♎	
	-9966 Jan 13 j 09:34	0°♏	
morning set	-9966 Jan 17 j 20:40	8°♏51'31	
max. Earth dist.	-9966 Jan 23 j 21:57	21°♏39'10	1.32936 AU

superior conj	-9966 Jan 25 j 02:47	24°♏15'29	-0°49'25
minimum elong	-9966 Jan 25 j 04:38	24°♏25'35	0°49'31
	-9966 Jan 27 j 18:08	0°♐	
asc. node	-9966 Jan 30 j 09:13	5°♐40'22	
evening rise	-9966 Feb 01 j 03:28	9°♐24'15	
	-9966 Feb 11 j 22:11	0°♑	
evening max el	-9966 Feb 27 j 00:56	20°♑08'37	24°46'45
retrograde	-9966 Mar 12 j 23:36	27°♑09'07	
evening set	-9966 Mar 17 j 16:14	26°♑18'55	
desc. node	-9966 Mar 18 j 02:43	26°♑09'22	
min. Earth dist.	-9966 Mar 23 j 14:12	23°♑15'29	0.57060 AU
inferior conj	-9966 Mar 26 j 08:22	21°♑26'34	-2°00'43
minimum elong	-9966 Mar 26 j 04:26	21°♑33'06	2°00'13
morning rise	-9966 Apr 03 j 19:47	17°♑14'24	
direct	-9966 Apr 06 j 01:59	16°♑59'44	
morning max el	-9966 Apr 15 j 05:35	21°♑18'23	19°17'38
	-9966 Apr 22 j 02:59	0°♒	
asc. node	-9966 Apr 28 j 08:36	10°♒51'58	
morning set	-9966 May 02 j 05:23	18°♒22'59	
	-9966 May 08 j 01:37	0°♓	

superior conj	-9966 May 10 j 14:52	5°♓00'04	1°34'27
minimum elong	-9966 May 10 j 12:00	4°♓46'07	1°33'53
max. Earth dist.	-9966 May 16 j 18:11	16°♓36'47	1.37897 AU
evening rise	-9966 May 20 j 17:34	23°♓45'58	
	-9966 May 24 j 08:00	0°♈	
	-9966 Jun 12 j 20:59	0°♉	
desc. node	-9966 Jun 14 j 00:22	1°♉32'55	
evening max el	-9966 Jun 25 j 13:27	15°♉20'56	24°56'21
retrograde	-9966 Jul 07 j 04:37	22°♉10'37	
evening set	-9966 Jul 12 j 23:12	19°♉40'00	
min. Earth dist.	-9966 Jul 17 j 11:06	14°♉28'57	0.66907 AU
inferior conj	-9966 Jul 18 j 06:28	13°♉24'25	-2°07'27
minimum elong	-9966 Jul 18 j 08:50	13°♉16'35	2°06'21
morning rise	-9966 Jul 23 j 18:25	7°♉20'20	
asc. node	-9966 Jul 25 j 09:18	6°♉26'43	
direct	-9966 Jul 27 j 10:05	6°♉02'57	
morning max el	-9966 Aug 04 j 02:59	10°♉33'34	20°06'41
	-9966 Aug 18 j 12:35	0°♊	
morning set	-9966 Aug 30 j 13:33	18°♊27'47	
	-9966 Sep 06 j 22:20	0°♋	
desc. node	-9966 Sep 09 j 22:10	4°♋44'56	
max. Earth dist.	-9966 Sep 11 j 02:57	6°♋39'47	1.43834 AU
superior conj	-9966 Sep 15 j 23:17	14°♋28'59	-0°36'16

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9966 Sep 15 j 19:34	14°♋13'53	0°35'14
	-9966 Sep 25 j 07:38	0°♌	
evening rise	-9966 Sep 29 j 08:14	6°♌51'13	
	-9966 Oct 13 j 12:38	0°♍	
evening max el	-9966 Oct 17 j 05:56	4°♍30'32	18°14'46
asc. node	-9966 Oct 21 j 08:37	7°♍32'35	
retrograde	-9966 Oct 23 j 20:19	8°♍04'43	
evening set	-9966 Oct 26 j 13:47	7°♍26'11	
inferior conj	-9966 Nov 01 j 22:08	2°♍01'56	3°14'01
minimum elong	-9966 Nov 01 j 18:27	2°♍11'55	3°13'25
	-9966 Nov 03 j 19:09	30°℞♌	
min. Earth dist.	-9966 Nov 04 j 06:26	29°♌30'04	0.63381 AU
morning rise	-9966 Nov 07 j 22:23	26°♌05'29	
direct	-9966 Nov 14 j 22:53	23°♌22'20	
	-9966 Nov 27 j 14:09	0°♍	
morning max el	-9966 Nov 28 j 13:43	0°♍56'07	27°32'28
desc. node	-9966 Dec 06 j 22:59	10°♍30'50	
	-9966 Dec 20 j 03:30	0°♎	
morning set	-9965 Jan 01 j 20:27	23°♎12'37	
	-9965 Jan 05 j 04:26	0°♏	
max. Earth dist.	-9965 Jan 07 j 04:30	4°♏11'43	1.33482 AU
superior conj	-9965 Jan 09 j 11:43	9°♏05'43	-1°08'53
minimum elong	-9965 Jan 09 j 13:59	9°♏17'50	1°08'53
evening rise	-9965 Jan 16 j 14:47	24°♏20'50	
asc. node	-9965 Jan 17 j 06:28	25°♏42'45	
	-9965 Jan 19 j 08:39	0°♐	
	-9965 Feb 07 j 17:54	0°♑	
evening max el	-9965 Feb 08 j 18:09	0°♑59'08	23°14'03
retrograde	-9965 Feb 22 j 01:02	7°♑27'50	
evening set	-9965 Feb 25 j 15:51	6°♑59'14	
desc. node	-9965 Mar 04 j 23:46	3°♑40'27	
min. Earth dist.	-9965 Mar 05 j 06:03	3°♑31'19	0.55831 AU
inferior conj	-9965 Mar 06 j 18:47	2°♑37'08	-0°27'58
minimum elong	-9965 Mar 06 j 17:35	2°♑38'55	0°28'09
	-9965 Mar 11 j 14:28	30°℞♐	
morning rise	-9965 Mar 15 j 21:26	28°♐34'56	
direct	-9965 Mar 18 j 03:48	28°♐22'19	
	-9965 Mar 24 j 06:24	0°♑	
morning max el	-9965 Mar 28 j 22:05	3°♑27'09	20°22'28
	-9965 Apr 14 j 23:07	0°♒	
asc. node	-9965 Apr 15 j 05:30	0°♒32'02	
morning set	-9965 Apr 16 j 09:36	2°♒53'54	
superior conj	-9965 Apr 24 j 04:52	18°♒50'57	1°16'51
minimum elong	-9965 Apr 24 j 01:59	18°♒36'20	1°16'01
max. Earth dist.	-9965 Apr 28 j 23:57	28°♒20'32	1.36213 AU
	-9965 Apr 29 j 20:36	0°♓	
evening rise	-9965 May 03 j 05:09	6°♓19'04	
	-9965 May 17 j 03:08	0°♈	
desc. node	-9965 May 31 j 21:46	20°♈48'59	
evening max el	-9965 Jun 07 j 23:32	28°♈45'01	26°06'35
	-9965 Jun 09 j 06:52	0°♉	
retrograde	-9965 Jun 20 j 12:28	5°♉59'34	
evening set	-9965 Jun 26 j 20:52	3°♉15'38	
	-9965 Jun 29 j 23:17	30°℞♈	
min. Earth dist.	-9965 Jul 01 j 00:06	28°♈43'52	0.66241 AU
inferior conj	-9965 Jul 02 j 08:14	27°♈02'16	-2°45'18
minimum elong	-9965 Jul 02 j 10:52	26°♈53'57	2°44'26
morning rise	-9965 Jul 08 j 00:57	21°♈10'06	
direct	-9965 Jul 11 j 08:04	20°♈07'26	
asc. node	-9965 Jul 12 j 06:09	20°♈12'10	
morning max el	-9965 Jul 18 j 08:28	24°♈06'59	19°10'08
	-9965 Jul 23 j 04:44	0°♉	
morning set	-9965 Aug 10 j 01:01	27°♉22'07	
	-9965 Aug 11 j 16:57	0°♊	
max. Earth dist.	-9965 Aug 24 j 19:04	20°♊40'24	1.44539 AU
superior conj	-9965 Aug 26 j 07:14	23°♊03'37	0°09'06
minimum elong	-9965 Aug 26 j 08:26	23°♊08'22	0°09'31
behind sun begin	-9965 Aug 25 j 23:06	22°♊31'22	
behind sun end	-9965 Aug 26 j 17:46	23°♊45'24	
desc. node	-9965 Aug 27 j 19:16	25°♊26'34	
	-9965 Aug 30 j 15:58	0°♋	
evening rise	-9965 Sep 10 j 16:02	17°♋45'30	
	-9965 Sep 18 j 04:18	0°♌	
evening max el	-9965 Sep 30 j 18:46	17°♌57'12	18°39'57
retrograde	-9965 Oct 07 j 12:06	21°♌42'49	
asc. node	-9965 Oct 08 j 05:49	21°♌39'46	
evening set	-9965 Oct 10 j 11:04	20°♌53'50	
inferior conj	-9965 Oct 16 j 10:33	15°♌13'12	2°28'10
minimum elong	-9965 Oct 16 j 07:22	15°♌22'40	2°27'36
min. Earth dist.	-9965 Oct 18 j 05:30	13°♌05'49	0.64767 AU
morning rise	-9965 Oct 22 j 03:10	9°♌05'42	
direct	-9965 Oct 28 j 19:17	6°♌20'14	
morning max el	-9965 Nov 10 j 23:36	13°♌51'25	27°01'28
desc. node	-9965 Nov 23 j 19:40	29°♌24'34	
	-9965 Nov 24 j 05:47	0°♍	
	-9965 Dec 12 j 17:24	0°♎	
morning set	-9965 Dec 16 j 10:41	7°♎00'43	
max. Earth dist.	-9965 Dec 21 j 02:12	16°♎13'44	1.34433 AU
superior conj	-9965 Dec 24 j 16:21	23°♎38'51	-1°25'08
minimum elong	-9965 Dec 24 j 18:35	23°♎50'29	1°25'05
	-9965 Dec 27 j 16:40	0°♏	
evening rise	-9964 Jan 01 j 01:00	9°♏09'11	
asc. node	-9964 Jan 04 j 03:44	15°♏30'21	
	-9964 Jan 12 j 04:32	0°♐	
evening max el	-9964 Jan 21 j 15:04	11°♐58'13	21°42'04
retrograde	-9964 Feb 02 j 17:04	17°♐42'47	
evening set	-9964 Feb 05 j 14:25	17°♐24'02	
inferior conj	-9964 Feb 14 j 17:05	13°♐21'29	1°20'19
minimum elong	-9964 Feb 14 j 20:31	13°♐16'37	1°18'41
min. Earth dist.	-9964 Feb 14 j 20:26	13°♐16'44	0.55394 AU
desc. node	-9964 Feb 19 j 20:46	10°♐38'38	
morning rise	-9964 Feb 24 j 02:43	9°♐14'54	
direct	-9964 Feb 26 j 18:43	8°♐59'01	
morning max el	-9964 Mar 10 j 03:33	14°♐55'41	21°45'08
	-9964 Mar 21 j 11:26	0°♑	
morning set	-9964 Mar 30 j 18:34	17°♑43'15	
asc. node	-9964 Apr 01 j 02:27	20°♑28'54	
	-9964 Apr 05 j 15:09	0°♒	
superior conj	-9964 Apr 07 j 03:59	3°♒12'38	0°55'46
minimum elong	-9964 Apr 07 j 01:41	3°♒00'39	0°54'51
max. Earth dist.	-9964 Apr 10 j 14:54	10°♒19'16	1.34844 AU
evening rise	-9964 Apr 15 j 09:29	19°♒45'22	
	-9964 Apr 20 j 21:58	0°♓	
	-9964 May 10 j 02:41	0°♈	
desc. node	-9964 May 17 j 19:10	9°♈20'37	
evening max el	-9964 May 20 j 10:14	12°♈03'43	26°58'28
retrograde	-9964 Jun 02 j 15:21	19°♈32'11	
evening set	-9964 Jun 09 j 10:22	16°♈44'11	
min. Earth dist.	-9964 Jun 13 j 06:22	12°♈50'56	0.65187 AU
inferior conj	-9964 Jun 15 j 04:38	10°♈35'14	-3°15'18
minimum elong	-9964 Jun 15 j 07:00	10°♈28'15	3°14'51
morning rise	-9964 Jun 21 j 04:00	4°♈57'43	
direct	-9964 Jun 24 j 04:23	4°♈07'30	
asc. node	-9964 Jun 28 j 02:58	5°♈29'15	
morning max el	-9964 Jun 30 j 19:00	7°♈45'06	18°29'32
	-9964 Jul 16 j 00:18	0°♉	
morning set	-9964 Jul 20 j 11:27	7°♉20'33	
	-9964 Aug 03 j 11:36	0°♊	
superior conj	-9964 Aug 04 j 07:01	1°♊17'14	0°54'27

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9964 Aug 04 j 12:59	1°♊40'56	0°54'16
max. Earth dist.	-9964 Aug 06 j 12:03	4°♊47'34	1.44532 AU
desc. node	-9964 Aug 13 j 16:26	16°♊07'33	
evening rise	-9964 Aug 20 j 20:54	27°♊25'54	
	-9964 Aug 22 j 12:06	0°♋	
greatest brilliancy	-9964 Aug 30 j 08:07	12°♋15'27	-0.8m
	-9964 Sep 11 j 20:55	0°♌	
evening max el	-9964 Sep 13 j 04:28	1°♌25'46	19°22'05
retrograde	-9964 Sep 20 j 07:40	5°♌31'24	
evening set	-9964 Sep 23 j 14:26	4°♌28'56	
asc. node	-9964 Sep 24 j 02:56	4°♌07'42	
	-9964 Sep 28 j 03:53	30°℞♋	
inferior conj	-9964 Sep 29 j 06:45	28°♋35'21	1°37'43
minimum elong	-9964 Sep 29 j 04:32	28°♋42'24	1°37'26
min. Earth dist.	-9964 Sep 30 j 13:15	26°♋58'09	0.65834 AU
morning rise	-9964 Oct 04 j 18:17	22°♋20'11	
direct	-9964 Oct 10 j 21:51	19°♋42'46	
morning max el	-9964 Oct 23 j 09:45	27°♋01'25	26°04'20
	-9964 Oct 26 j 05:30	0°♌	
desc. node	-9964 Nov 09 j 16:24	18°♌55'41	
	-9964 Nov 16 j 20:41	0°♍	
morning set	-9964 Nov 28 j 11:20	20°♍03'48	
max. Earth dist.	-9964 Dec 02 j 12:45	27°♍44'45	1.35813 AU
	-9964 Dec 03 j 16:32	0°♎	
superior conj	-9964 Dec 07 j 14:15	7°♎47'25	-1°36'52
minimum elong	-9964 Dec 07 j 15:50	7°♎55'31	1°36'48
evening rise	-9964 Dec 15 j 08:20	23°♎43'42	
	-9964 Dec 18 j 11:09	0°♏	
asc. node	-9964 Dec 21 j 01:00	4°♏57'03	
evening max el	-9963 Jan 02 j 20:30	23°♏25'42	20°21'32
retrograde	-9963 Jan 13 j 09:00	28°♏22'04	
evening set	-9963 Jan 15 j 22:53	28°♏05'32	
inferior conj	-9963 Jan 24 j 16:11	24°♏05'57	2°55'13
minimum elong	-9963 Jan 24 j 21:53	23°♏57'24	2°53'24
min. Earth dist.	-9963 Jan 26 j 10:25	23°♏02'51	0.55842 AU
morning rise	-9963 Feb 02 j 19:08	19°♏39'22	
desc. node	-9963 Feb 05 j 17:39	19°♏10'56	
direct	-9963 Feb 06 j 11:08	19°♏09'45	
morning max el	-9963 Feb 19 j 23:18	25°♏50'32	23°19'55
	-9963 Feb 23 j 20:30	0°♐	
	-9963 Mar 13 j 22:32	0°♑	
morning set	-9963 Mar 15 j 06:15	2°♑44'25	
asc. node	-9963 Mar 18 j 23:28	10°♑37'38	
superior conj	-9963 Mar 22 j 09:22	17°♑56'13	0°32'47
minimum elong	-9963 Mar 22 j 07:59	17°♑48'49	0°31'57
max. Earth dist.	-9963 Mar 24 j 15:49	22°♑44'48	1.33832 AU
	-9963 Mar 28 j 03:54	0°♒	
evening rise	-9963 Mar 30 j 01:52	3°♒50'57	
	-9963 Apr 13 j 16:32	0°♓	
evening max el	-9963 May 02 j 20:38	25°♓07'43	27°24'33
desc. node	-9963 May 04 j 16:30	26°♓49'29	
	-9963 May 08 j 19:33	0°♈	
retrograde	-9963 May 16 j 12:45	2°♈40'33	
evening set	-9963 May 23 j 12:40	0°♈01'14	
	-9963 May 23 j 13:19	30°℞♓	
min. Earth dist.	-9963 May 27 j 04:21	26°♓41'08	0.63744 AU
inferior conj	-9963 May 29 j 17:08	23°♓59'17	-3°34'41
minimum elong	-9963 May 29 j 18:34	23°♓55'28	3°34'41
morning rise	-9963 Jun 05 j 01:17	18°♓38'46	
direct	-9963 Jun 07 j 20:32	17°♓58'58	
morning max el	-9963 Jun 14 j 08:27	21°♓24'07	18°06'17
asc. node	-9963 Jun 14 j 23:47	22°♓03'46	
	-9963 Jun 20 j 22:10	0°♈	
morning set	-9963 Jul 01 j 23:21	18°♈30'13	
	-9963 Jul 08 j 17:12	0°♉	
superior conj	-9963 Jul 14 j 21:03	10°♉13'56	1°28'24
minimum elong	-9963 Jul 15 j 02:58	10°♉38'06	1°28'15
max. Earth dist.	-9963 Jul 20 j 02:41	18°♉42'44	1.43834 AU
	-9963 Jul 27 j 05:44	0°♊	
evening rise	-9963 Jul 31 j 03:11	6°♊04'05	
desc. node	-9963 Jul 31 j 13:39	6°♊44'42	
	-9963 Aug 15 j 22:12	0°♋	
evening max el	-9963 Aug 27 j 08:48	14°♋52'54	20°19'35
retrograde	-9963 Sep 04 j 04:27	19°♋26'56	
evening set	-9963 Sep 07 j 21:22	18°♋07'42	
asc. node	-9963 Sep 11 j 00:00	15°♋05'28	
inferior conj	-9963 Sep 13 j 08:16	12°♋04'23	0°45'28
minimum elong	-9963 Sep 13 j 07:14	12°♋07'53	0°45'37
min. Earth dist.	-9963 Sep 14 j 03:26	11°♋00'14	0.66597 AU
morning rise	-9963 Sep 18 j 16:51	5°♋45'18	
direct	-9963 Sep 24 j 06:05	3°♋22'47	
morning max el	-9963 Oct 05 j 19:08	10°♋15'26	24°49'26
	-9963 Oct 21 j 12:51	0°♌	
desc. node	-9963 Oct 27 j 13:08	8°♌52'49	
	-9963 Nov 09 j 12:16	0°♍	
morning set	-9963 Nov 10 j 17:09	2°♍06'21	
max. Earth dist.	-9963 Nov 14 j 13:39	9°♍01'32	1.37582 AU
superior conj	-9963 Nov 21 j 02:08	21°♍21'07	-1°42'23
minimum elong	-9963 Nov 21 j 02:23	21°♍22'21	1°42'14
	-9963 Nov 25 j 11:14	0°♎	
evening rise	-9963 Nov 29 j 10:45	7°♎57'42	
asc. node	-9963 Dec 07 j 22:18	23°♎54'36	
	-9963 Dec 11 j 20:50	0°♏	
evening max el	-9963 Dec 16 j 12:11	5°♏27'12	19°18'20
retrograde	-9963 Dec 25 j 11:53	9°♏42'56	
evening set	-9963 Dec 28 j 00:10	9°♏24'29	
inferior conj	-9962 Jan 05 j 04:06	5°♏13'15	3°54'41
minimum elong	-9962 Jan 05 j 07:56	5°♏06'47	3°53'54
min. Earth dist.	-9962 Jan 08 j 00:31	3°♏18'43	0.57062 AU
morning rise	-9962 Jan 13 j 13:26	0°♏21'24	
	-9962 Jan 14 j 14:32	30°℞♎	
direct	-9962 Jan 18 j 13:56	29°♎23'15	
	-9962 Jan 22 j 13:11	0°♏	
desc. node	-9962 Jan 23 j 14:29	0°♏21'50	
morning max el	-9962 Feb 01 j 14:06	6°♏30'32	24°56'00
	-9962 Feb 18 j 14:57	0°♐	
morning set	-9962 Feb 27 j 18:46	17°♐49'40	
	-9962 Mar 05 j 10:50	0°♑	
asc. node	-9962 Mar 05 j 20:33	0°♑52'45	
superior conj	-9962 Mar 06 j 18:42	2°♑52'56	0°09'04
minimum elong	-9962 Mar 06 j 18:20	2°♑50'57	0°08'25
behind sun begin	-9962 Mar 06 j 14:02	2°♑27'34	
behind sun end	-9962 Mar 06 j 22:39	3°♑14'20	
max. Earth dist.	-9962 Mar 08 j 00:26	5°♑33'41	1.33163 AU
evening rise	-9962 Mar 14 j 02:35	18°♑22'50	
	-9962 Mar 20 j 01:31	0°♒	
	-9962 Apr 08 j 05:43	0°♓	
evening max el	-9962 Apr 15 j 04:42	7°♓45'26	27°19'40
desc. node	-9962 Apr 21 j 13:47	12°♓49'51	
retrograde	-9962 Apr 29 j 03:36	15°♓15'54	
evening set	-9962 May 06 j 00:18	12°♓58'56	
min. Earth dist.	-9962 May 09 j 17:11	10°♓01'47	0.61962 AU
inferior conj	-9962 May 12 j 18:41	7°♓08'06	-3°39'23
minimum elong	-9962 May 12 j 18:25	7°♓08'45	3°39'40
morning rise	-9962 May 19 j 14:02	2°♓06'32	
direct	-9962 May 22 j 05:17	1°♓35'26	
morning max el	-9962 May 28 j 22:21	4°♓58'35	18°01'25
asc. node	-9962 Jun 01 j 20:39	9°♓40'03	
	-9962 Jun 13 j 23:30	0°♈	
morning set	-9962 Jun 14 j 09:14	0°♈43'46	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9962 Jun 25 j 13:25	20°♈28'41	1°46'13
minimum elong	-9962 Jun 25 j 16:01	20°♈39'49	1°46'16
	-9962 Jul 01 j 05:03	0°♉	
max. Earth dist.	-9962 Jul 02 j 13:08	2°♉12'15	1.42547 AU
evening rise	-9962 Jul 10 j 04:57	14°♉30'48	
desc. node	-9962 Jul 18 j 10:57	27°♉14'41	
	-9962 Jul 20 j 06:50	0°♊	
evening max el	-9962 Aug 10 j 06:33	28°♊17'17	21°29'52
	-9962 Aug 12 j 01:37	0°♋	
retrograde	-9962 Aug 19 j 00:30	3°♋27'15	
evening set	-9962 Aug 23 j 05:45	1°♋48'23	
	-9962 Aug 25 j 03:15	30°℞♊	
inferior conj	-9962 Aug 28 j 13:04	25°♊38'17	-0°06'28
minimum elong	-9962 Aug 28 j 13:12	25°♊37'50	0°05'52
transit middle	-9962 Aug 28 j 13:12	25°♊37'50	0°05'52
transit begin	-9962 Aug 28 j 10:40	25°♊46'31	
transit end	-9962 Aug 28 j 15:44	25°♊29'08	
asc. node	-9962 Aug 28 j 21:03	25°♊10'50	
min. Earth dist.	-9962 Aug 28 j 21:38	25°♊08'49	0.67070 AU
morning rise	-9962 Sep 02 j 20:30	19°♊19'00	
direct	-9962 Sep 07 j 19:15	17°♊14'58	
morning max el	-9962 Sep 18 j 05:11	23°♊30'12	23°25'57
	-9962 Sep 23 j 22:08	0°♋	
desc. node	-9962 Oct 14 j 09:57	29°♋08'23	
	-9962 Oct 14 j 23:09	0°♌	
morning set	-9962 Oct 22 j 22:39	12°♌54'34	
max. Earth dist.	-9962 Oct 27 j 11:34	20°♌38'40	1.39572 AU
	-9962 Nov 01 j 17:46	0°♍	
superior conj	-9962 Nov 03 j 23:49	4°♍08'17	-1°39'27
minimum elong	-9962 Nov 03 j 22:02	4°♍00'00	1°39'04
evening rise	-9962 Nov 13 j 05:45	21°♍45'02	
	-9962 Nov 17 j 13:51	0°♎	
asc. node	-9962 Nov 24 j 19:36	12°♎13'29	
evening max el	-9962 Nov 29 j 13:12	17°♎59'55	18°34'57
retrograde	-9962 Dec 07 j 08:33	21°♎48'44	
evening set	-9962 Dec 09 j 20:47	21°♎26'30	
inferior conj	-9962 Dec 17 j 10:57	16°♎55'18	4°15'29
minimum elong	-9962 Dec 17 j 11:13	16°♎54'46	4°15'22
min. Earth dist.	-9962 Dec 20 j 16:51	14°♎24'51	0.58773 AU
morning rise	-9962 Dec 24 j 23:50	11°♎40'47	
direct	-9962 Dec 31 j 04:31	10°♎04'53	
desc. node	-9961 Jan 10 j 11:18	14°♎08'55	
morning max el	-9961 Jan 14 j 06:42	17°♎24'41	26°18'36
	-9961 Jan 24 j 17:45	0°♏	
	-9961 Feb 10 j 21:04	0°♐	
morning set	-9961 Feb 12 j 06:21	2°♐52'33	
superior conj	-9961 Feb 19 j 06:07	17°♐55'58	-0°14'31
minimum elong	-9961 Feb 19 j 06:45	17°♐59'24	0°14'56
behind sun begin	-9961 Feb 19 j 05:10	17°♐50'45	
behind sun end	-9961 Feb 19 j 08:20	18°♐08'02	
max. Earth dist.	-9961 Feb 19 j 13:24	18°♐35'46	1.32819 AU
asc. node	-9961 Feb 20 j 17:40	21°♐09'54	
	-9961 Feb 24 j 20:19	0°♑	
evening rise	-9961 Feb 26 j 08:54	3°♑11'18	
	-9961 Mar 12 j 23:31	0°♒	
evening max el	-9961 Mar 28 j 08:00	19°♒46'43	26°41'58
desc. node	-9961 Apr 08 j 11:03	26°♒48'21	
retrograde	-9961 Apr 11 j 10:18	27°♒10'41	
evening set	-9961 Apr 17 j 17:55	25°♒26'31	
min. Earth dist.	-9961 Apr 21 j 21:12	22°♒38'18	0.59980 AU
inferior conj	-9961 Apr 25 j 05:39	19°♒52'46	-3°23'37
minimum elong	-9961 Apr 25 j 03:12	19°♒57'50	3°23'45
morning rise	-9961 May 02 j 14:54	15°♒11'34	
direct	-9961 May 05 j 02:38	14°♒47'56	
morning max el	-9961 May 12 j 09:59	18°♒20'59	18°15'36
asc. node	-9961 May 19 j 17:31	28°♒03'55	
	-9961 May 20 j 21:28	0°♓	
morning set	-9961 May 28 j 12:05	13°♓48'50	
	-9961 Jun 06 j 04:58	0°♈	
superior conj	-9961 Jun 07 j 07:58	2°♈02'13	1°49'33
minimum elong	-9961 Jun 07 j 07:22	1°♈59'32	1°49'31
max. Earth dist.	-9961 Jun 14 j 18:12	15°♈03'21	1.40843 AU
evening rise	-9961 Jun 19 j 23:46	23°♈46'58	
	-9961 Jun 23 j 20:21	0°♉	
desc. node	-9961 Jul 05 j 08:18	17°♉32'48	
	-9961 Jul 14 j 05:06	0°♊	
evening max el	-9961 Jul 23 j 21:49	11°♊38'26	22°48'57
retrograde	-9961 Aug 02 j 18:24	17°♊29'15	
evening set	-9961 Aug 07 j 13:39	15°♊29'10	
inferior conj	-9961 Aug 12 j 19:18	9°♊14'50	-0°56'27
minimum elong	-9961 Aug 12 j 20:29	9°♊10'46	0°55'29
min. Earth dist.	-9961 Aug 12 j 17:25	9°♊21'21	0.67252 AU
asc. node	-9961 Aug 15 j 18:05	5°♊22'31	
morning rise	-9961 Aug 18 j 03:14	2°♊58'57	
direct	-9961 Aug 22 j 12:28	1°♊14'13	
morning max el	-9961 Aug 31 j 18:39	6°♊47'04	22°02'22
	-9961 Sep 18 j 10:19	0°♋	
desc. node	-9961 Oct 01 j 06:48	19°♋36'03	
morning set	-9961 Oct 03 j 01:04	22°♋24'00	
	-9961 Oct 07 j 17:33	0°♌	
max. Earth dist.	-9961 Oct 09 j 13:09	3°♌00'31	1.41514 AU
superior conj	-9961 Oct 17 j 01:46	15°♌53'28	-1°25'26
minimum elong	-9961 Oct 16 j 21:46	15°♌35'53	1°24'40
	-9961 Oct 24 j 21:37	0°♍	
evening rise	-9961 Oct 27 j 14:07	4°♍57'29	
asc. node	-9961 Nov 11 j 16:53	29°♍41'23	
	-9961 Nov 11 j 23:34	0°♎	
evening max el	-9961 Nov 12 j 21:10	0°♎56'23	18°11'52
retrograde	-9961 Nov 19 j 22:28	4°♎31'29	
evening set	-9961 Nov 22 j 11:21	4°♎04'23	
	-9961 Nov 28 j 14:54	30°℞♍	
inferior conj	-9961 Nov 29 j 12:50	29°♍11'18	4°06'08
minimum elong	-9961 Nov 29 j 10:23	29°♍16'45	4°05'57
min. Earth dist.	-9961 Dec 02 j 15:12	26°♍25'29	0.60646 AU
morning rise	-9961 Dec 06 j 08:05	23°♍37'48	
direct	-9961 Dec 13 j 05:16	21°♍26'27	
morning max el	-9961 Dec 27 j 05:24	28°♍54'02	27°14'26
desc. node	-9961 Dec 28 j 08:04	0°♎00'05	
	-9961 Dec 28 j 08:02	0°♎	
	-9960 Jan 18 j 10:14	0°♏	
morning set	-9960 Jan 27 j 15:11	17°♏46'14	
	-9960 Feb 02 j 09:00	0°♐	
max. Earth dist.	-9960 Feb 03 j 02:55	1°♐37'36	1.32793 AU
superior conj	-9960 Feb 03 j 17:56	2°♐59'25	-0°37'07
minimum elong	-9960 Feb 03 j 19:24	3°♐07'29	0°37'20
asc. node	-9960 Feb 07 j 14:50	11°♐25'06	
evening rise	-9960 Feb 10 j 18:35	18°♐08'35	
	-9960 Feb 16 j 16:44	0°♑	
	-9960 Mar 08 j 01:01	0°♒	
evening max el	-9960 Mar 09 j 05:27	1°♒10'07	25°35'00
retrograde	-9960 Mar 23 j 07:21	8°♒22'37	
desc. node	-9960 Mar 25 j 08:16	8°♒12'36	
evening set	-9960 Mar 28 j 16:06	7°♒14'04	
min. Earth dist.	-9960 Apr 02 j 18:28	4°♒20'00	0.58036 AU
inferior conj	-9960 Apr 05 j 22:33	2°♒04'38	-2°40'21
minimum elong	-9960 Apr 05 j 18:32	2°♒11'51	2°39'59
	-9960 Apr 08 j 23:46	30°℞♑	
morning rise	-9960 Apr 14 j 00:10	27°♑43'21	
direct	-9960 Apr 16 j 08:15	27°♑26'00	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9960 Apr 23 j 01:39	0°♒	
morning max el	-9960 Apr 24 j 16:33	1°♒23'14	18°49'19
asc. node	-9960 May 05 j 14:24	17°♒04'28	
morning set	-9960 May 11 j 03:31	27°♒34'56	
	-9960 May 12 j 09:16	0°♓	
superior conj	-9960 May 19 j 23:36	14°♓41'37	1°42'11
minimum elong	-9960 May 19 j 21:11	14°♓30'10	1°41'50
max. Earth dist.	-9960 May 26 j 19:00	27°♓12'52	1.38960 AU
	-9960 May 28 j 08:47	0°♈	
evening rise	-9960 May 30 j 21:41	4°♈24'12	
	-9960 Jun 15 j 23:21	0°♉	
desc. node	-9960 Jun 21 j 05:42	7°♉33'43	
evening max el	-9960 Jul 05 j 08:46	24°♉59'37	24°10'48
	-9960 Jul 11 j 12:39	0°♊	
retrograde	-9960 Jul 16 j 09:06	1°♊30'21	
	-9960 Jul 20 j 17:55	30°℞♉	
evening set	-9960 Jul 21 j 19:14	29°♉09'46	
min. Earth dist.	-9960 Jul 26 j 12:29	23°♉37'11	0.67130 AU
inferior conj	-9960 Jul 27 j 01:16	22°♉53'46	-1°42'55
minimum elong	-9960 Jul 27 j 03:16	22°♉46'56	1°41'46
morning rise	-9960 Aug 01 j 11:17	16°♉44'30	
asc. node	-9960 Aug 01 j 15:03	16°♉37'37	
direct	-9960 Aug 05 j 08:42	15°♉17'55	
morning max el	-9960 Aug 13 j 13:57	20°♉09'53	20°45'37
	-9960 Aug 21 j 13:01	0°♊	
	-9960 Sep 10 j 16:02	0°♋	
morning set	-9960 Sep 11 j 06:57	0°♋58'02	
desc. node	-9960 Sep 17 j 03:44	10°♋11'55	
max. Earth dist.	-9960 Sep 20 j 20:57	16°♋09'44	1.43131 AU
superior conj	-9960 Sep 27 j 02:19	26°♋23'07	-0°58'06
minimum elong	-9960 Sep 26 j 21:30	26°♋03'04	0°57'01
	-9960 Sep 29 j 05:58	0°♌	
evening rise	-9960 Oct 09 j 07:44	17°♌25'58	
	-9960 Oct 16 j 12:32	0°♍	
evening max el	-9960 Oct 26 j 09:18	14°♍09'31	18°08'21
asc. node	-9960 Oct 28 j 14:09	16°♍03'53	
retrograde	-9960 Nov 02 j 01:32	17°♍41'38	
evening set	-9960 Nov 04 j 16:40	17°♍08'02	
inferior conj	-9960 Nov 11 j 06:51	11°♍54'32	3°36'48
minimum elong	-9960 Nov 11 j 03:15	12°♍03'42	3°36'18
min. Earth dist.	-9960 Nov 13 j 22:40	9°♍12'53	0.62439 AU
morning rise	-9960 Nov 17 j 12:51	6°♍05'22	
direct	-9960 Nov 24 j 14:49	3°♍29'34	
morning max el	-9960 Dec 08 j 10:14	11°♍03'02	27°36'01
desc. node	-9960 Dec 14 j 04:45	17°♍21'42	
	-9960 Dec 23 j 11:40	0°♎	
	-9959 Jan 09 j 14:45	0°♏	
morning set	-9959 Jan 10 j 19:00	2°♏22'05	
max. Earth dist.	-9959 Jan 16 j 13:03	14°♏24'21	1.33113 AU
superior conj	-9959 Jan 18 j 04:24	17°♏56'25	-0°58'00
minimum elong	-9959 Jan 18 j 06:29	18°♏07'39	0°58'03
	-9959 Jan 23 j 18:25	0°♐	
asc. node	-9959 Jan 24 j 12:01	1°♐33'33	
evening rise	-9959 Jan 25 j 05:46	3°♐07'07	
	-9959 Feb 09 j 00:37	0°♑	
evening max el	-9959 Feb 18 j 22:52	12°♑06'26	24°08'07
retrograde	-9959 Mar 04 j 16:43	18°♑56'08	
evening set	-9959 Mar 08 j 21:42	18°♑16'38	
desc. node	-9959 Mar 12 j 05:24	16°♑55'03	
min. Earth dist.	-9959 Mar 15 j 11:51	15°♑04'11	0.56450 AU
inferior conj	-9959 Mar 17 j 19:33	13°♑37'09	-1°24'43
minimum elong	-9959 Mar 17 j 16:21	13°♑42'10	1°24'21
morning rise	-9959 Mar 26 j 14:02	9°♑30'53	
direct	-9959 Mar 28 j 19:23	9°♑17'42	

morning max el	-9959 Apr 07 j 15:02	13°♑54'35	19°42'50
	-9959 Apr 19 j 00:01	0°♒	
asc. node	-9959 Apr 22 j 11:17	6°♒32'03	
morning set	-9959 Apr 25 j 03:53	11°♒51'38	
superior conj	-9959 May 03 j 06:45	28°♒10'13	1°27'33
minimum elong	-9959 May 03 j 03:46	27°♒55'29	1°26'51
	-9959 May 04 j 05:03	0°♓	
max. Earth dist.	-9959 May 08 j 20:39	8°♓56'08	1.37148 AU
evening rise	-9959 May 12 j 21:06	16°♓19'25	
	-9959 May 20 j 19:37	0°♈	
desc. node	-9959 Jun 08 j 03:08	27°♈09'14	
	-9959 Jun 10 j 08:41	0°♉	
evening max el	-9959 Jun 17 j 18:28	8°♉22'54	25°27'51
retrograde	-9959 Jun 29 j 19:50	15°♉25'22	
evening set	-9959 Jul 05 j 20:27	12°♉48'05	
min. Earth dist.	-9959 Jul 10 j 04:27	7°♉53'31	0.66668 AU
inferior conj	-9959 Jul 11 j 05:08	6°♉32'53	-2°24'22
minimum elong	-9959 Jul 11 j 07:39	6°♉24'38	2°23'20
morning rise	-9959 Jul 16 j 18:53	0°♉33'26	
	-9959 Jul 17 j 17:46	30°℞♈	
asc. node	-9959 Jul 19 j 11:56	29°♈26'13	
direct	-9959 Jul 20 j 06:34	29°♈22'47	
	-9959 Jul 22 j 21:48	0°♉	
morning max el	-9959 Jul 27 j 15:51	3°♉39'36	19°40'42
	-9959 Aug 15 j 08:18	0°♊	
morning set	-9959 Aug 21 j 10:27	9°♊28'43	
	-9959 Sep 03 j 11:32	0°♋	
max. Earth dist.	-9959 Sep 03 j 10:14	29°♊54'50	1.44212 AU
desc. node	-9959 Sep 04 j 00:46	0°♋52'36	
superior conj	-9959 Sep 06 j 23:19	5°♋34'28	-0°17'49
minimum elong	-9959 Sep 06 j 21:19	5°♋26'28	0°16'58
evening rise	-9959 Sep 21 j 05:26	28°♋58'26	
	-9959 Sep 21 j 20:07	0°♌	
evening max el	-9959 Oct 09 j 22:44	27°♌33'18	18°23'25
	-9959 Oct 12 j 21:03	0°♍	
asc. node	-9959 Oct 15 j 11:22	1°♍04'57	
retrograde	-9959 Oct 16 j 13:39	1°♍11'25	
evening set	-9959 Oct 19 j 09:06	0°♍28'56	
	-9959 Oct 20 j 05:30	30°℞♌	
inferior conj	-9959 Oct 25 j 13:29	24°♌57'36	2°55'22
minimum elong	-9959 Oct 25 j 09:56	25°♌07'39	2°54'45
min. Earth dist.	-9959 Oct 27 j 16:12	22°♌34'47	0.64002 AU
morning rise	-9959 Oct 31 j 10:06	18°♌55'57	
direct	-9959 Nov 07 j 07:48	16°♌09'56	
morning max el	-9959 Nov 20 j 18:54	23°♌44'27	27°22'59
	-9959 Nov 26 j 12:02	0°♍	
desc. node	-9959 Dec 01 j 01:25	5°♍47'41	
	-9959 Dec 16 j 17:39	0°♎	
morning set	-9959 Dec 25 j 15:08	16°♎30'50	
max. Earth dist.	-9959 Dec 30 j 15:58	26°♎43'44	1.33824 AU
	-9958 Jan 01 j 05:26	0°♏	
superior conj	-9958 Jan 02 j 11:47	2°♏40'35	-1°16'15
minimum elong	-9958 Jan 02 j 14:05	2°♏52'51	1°16'13
evening rise	-9958 Jan 09 j 16:47	18°♏00'53	
asc. node	-9958 Jan 11 j 09:15	21°♏30'24	
	-9958 Jan 15 j 16:43	0°♐	
evening max el	-9958 Jan 31 j 17:04	22°♐58'19	22°34'17
retrograde	-9958 Feb 13 j 13:36	29°♐09'25	
evening set	-9958 Feb 16 j 19:21	28°♐46'28	
min. Earth dist.	-9958 Feb 25 j 03:20	25°♐03'45	0.55536 AU
inferior conj	-9958 Feb 25 j 23:35	24°♐34'37	0°17'34
minimum elong	-9958 Feb 26 j 00:20	24°♐33'32	0°16'44
desc. node	-9958 Feb 27 j 02:24	23°♐56'14	
morning rise	-9958 Mar 07 j 06:34	20°♐32'10	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

direct	-9958 Mar 09 j 15:17	20°♐19'04	
morning max el	-9958 Mar 21 j 02:55	25°♐46'38	20°55'32
	-9958 Mar 24 j 23:35	0°♑	
morning set	-9958 Apr 09 j 10:23	26°♑31'06	
asc. node	-9958 Apr 09 j 08:11	26°♑19'53	
	-9958 Apr 11 j 02:57	0°♒	
superior conj	-9958 Apr 17 j 01:01	12°♒15'23	1°08'14
minimum elong	-9958 Apr 16 j 22:19	12°♒01'33	1°07'21
max. Earth dist.	-9958 Apr 21 j 05:49	20°♒43'06	1.35595 AU
evening rise	-9958 Apr 25 j 16:30	29°♒17'28	
	-9958 Apr 26 j 01:34	0°♓	
	-9958 May 13 j 23:38	0°♈	
desc. node	-9958 May 26 j 00:34	16°♈08'25	
evening max el	-9958 May 31 j 04:56	21°♈46'07	26°31'23
retrograde	-9958 Jun 13 j 01:42	29°♈07'58	
evening set	-9958 Jun 19 j 14:59	26°♈21'15	
min. Earth dist.	-9958 Jun 23 j 15:00	22°♈05'50	0.65842 AU
inferior conj	-9958 Jun 25 j 04:55	20°♈09'20	-2°59'10
minimum elong	-9958 Jun 25 j 07:30	20°♈01'21	2°58'27
morning rise	-9958 Jul 01 j 00:11	14°♈22'45	
direct	-9958 Jul 04 j 04:11	13°♈25'38	
asc. node	-9958 Jul 06 j 08:47	13°♈51'57	
morning max el	-9958 Jul 10 j 23:37	17°♈14'57	18°50'41
	-9958 Jul 20 j 11:11	0°♉	
morning set	-9958 Aug 01 j 06:45	18°♉47'41	
	-9958 Aug 08 j 06:59	0°♊	
superior conj	-9958 Aug 17 j 01:04	13°♊52'31	0°29'06
minimum elong	-9958 Aug 17 j 04:42	14°♊06'50	0°29'12
max. Earth dist.	-9958 Aug 17 j 02:47	13°♊59'18	1.44624 AU
desc. node	-9958 Aug 21 j 21:53	21°♊34'25	
	-9958 Aug 27 j 05:19	0°♋	
evening rise	-9958 Sep 02 j 01:53	9°♋21'18	
	-9958 Sep 15 j 02:41	0°♌	
evening max el	-9958 Sep 23 j 10:36	11°♌01'33	18°55'58
retrograde	-9958 Sep 30 j 07:13	14°♌54'18	
asc. node	-9958 Oct 02 j 08:32	14°♌30'10	
evening set	-9958 Oct 03 j 09:17	13°♌59'57	
inferior conj	-9958 Oct 09 j 05:31	8°♌13'40	2°07'08
minimum elong	-9958 Oct 09 j 02:42	8°♌22'17	2°06'39
min. Earth dist.	-9958 Oct 10 j 19:05	6°♌18'34	0.65263 AU
morning rise	-9958 Oct 14 j 19:42	2°♌02'42	
	-9958 Oct 18 j 00:24	30°℞♋	
direct	-9958 Oct 21 j 07:00	29°♋19'22	
	-9958 Oct 24 j 18:55	0°♌	
morning max el	-9958 Nov 03 j 04:48	6°♌46'17	26°39'51
desc. node	-9958 Nov 17 j 22:06	24°♌58'44	
	-9958 Nov 21 j 08:05	0°♍	
	-9958 Dec 08 j 23:55	0°♎	
morning set	-9958 Dec 09 j 00:05	0°♎00'45	
max. Earth dist.	-9958 Dec 13 j 08:45	8°♎30'04	1.34967 AU
superior conj	-9958 Dec 17 j 13:51	17°♎04'03	-1°30'46
minimum elong	-9958 Dec 17 j 15:54	17°♎14'35	1°30'42
	-9958 Dec 23 j 18:26	0°♏	
evening rise	-9958 Dec 25 j 01:57	2°♏43'34	
asc. node	-9958 Dec 29 j 06:31	11°♏09'34	
	-9957 Jan 09 j 21:57	0°♐	
evening max el	-9957 Jan 13 j 17:15	4°♐07'39	21°06'01
retrograde	-9957 Jan 25 j 03:30	9°♐30'46	
evening set	-9957 Jan 27 j 20:49	9°♐13'35	
inferior conj	-9957 Feb 05 j 20:23	5°♐14'49	2°03'52
minimum elong	-9957 Feb 06 j 01:17	5°♐07'46	2°01'56
min. Earth dist.	-9957 Feb 06 j 17:22	4°♐44'43	0.55481 AU
desc. node	-9957 Feb 13 j 23:18	1°♐20'24	
morning rise	-9957 Feb 15 j 04:53	1°♐01'13	
direct	-9957 Feb 18 j 05:43	0°♐40'56	
morning max el	-9957 Mar 03 j 03:38	6°♐58'03	22°24'28
	-9957 Mar 19 j 02:56	0°♑	
morning set	-9957 Mar 24 j 20:45	11°♑26'16	
asc. node	-9957 Mar 27 j 05:10	16°♑22'18	
superior conj	-9957 Apr 01 j 03:06	26°♑47'08	0°46'11
minimum elong	-9957 Apr 01 j 01:09	26°♑36'55	0°45'17
	-9957 Apr 02 j 15:52	0°♒	
max. Earth dist.	-9957 Apr 04 j 01:23	2°♒53'56	1.34375 AU
evening rise	-9957 Apr 09 j 02:29	13°♒02'14	
	-9957 Apr 18 j 08:28	0°♓	
	-9957 May 08 j 23:36	0°♈	
desc. node	-9957 May 12 j 21:56	4°♈16'25	
evening max el	-9957 May 13 j 16:00	5°♈01'16	27°13'07
retrograde	-9957 May 27 j 02:12	12°♈31'38	
evening set	-9957 Jun 03 j 00:08	9°♈45'57	
min. Earth dist.	-9957 Jun 06 j 17:58	6°♈07'36	0.64625 AU
inferior conj	-9957 Jun 08 j 22:20	3°♈39'48	-3°25'01
minimum elong	-9957 Jun 09 j 00:24	3°♈33'58	3°24'47
	-9957 Jun 12 j 10:50	30°℞♓	
morning rise	-9957 Jun 15 j 01:08	28°♓09'03	
direct	-9957 Jun 17 j 23:17	27°♓23'18	
asc. node	-9957 Jun 23 j 05:37	29°♓44'18	
	-9957 Jun 23 j 12:50	0°♈	
morning max el	-9957 Jun 24 j 11:40	0°♈54'11	18°17'25
morning set	-9957 Jul 13 j 04:22	29°♈17'54	
	-9957 Jul 13 j 14:26	0°♉	
superior conj	-9957 Jul 27 j 04:33	22°♉17'46	1°10'44
minimum elong	-9957 Jul 27 j 11:08	22°♉44'09	1°10'29
max. Earth dist.	-9957 Jul 30 j 19:43	28°♉05'55	1.44324 AU
	-9957 Aug 01 j 00:28	0°♊	
desc. node	-9957 Aug 08 j 19:06	12°♊14'31	
evening rise	-9957 Aug 12 j 19:57	18°♊32'32	
	-9957 Aug 20 j 05:17	0°♋	
greatest brilliancy	-9957 Aug 24 j 16:17	6°♋48'53	-0.7m
evening max el	-9957 Sep 06 j 18:21	24°♋30'16	19°44'45
retrograde	-9957 Sep 14 j 03:33	28°♋46'32	
evening set	-9957 Sep 17 j 14:29	27°♋37'07	
asc. node	-9957 Sep 19 j 05:39	26°♋17'18	
inferior conj	-9957 Sep 23 j 04:15	21°♋38'58	1°15'38
minimum elong	-9957 Sep 23 j 02:32	21°♋44'35	1°15'30
min. Earth dist.	-9957 Sep 24 j 05:44	20°♋15'53	0.66204 AU
morning rise	-9957 Sep 28 j 14:20	15°♋21'56	
direct	-9957 Oct 04 j 11:57	12°♋50'25	
morning max el	-9957 Oct 16 j 14:35	19°♋58'41	25°34'03
	-9957 Oct 25 j 06:19	0°♌	
desc. node	-9957 Nov 04 j 18:50	14°♌41'57	
	-9957 Nov 14 j 10:51	0°♍	
morning set	-9957 Nov 21 j 17:20	12°♍39'05	
max. Earth dist.	-9957 Nov 25 j 14:57	19°♍52'29	1.36534 AU
	-9957 Nov 30 j 20:09	0°♎	
superior conj	-9957 Dec 01 j 07:55	0°♎58'35	-1°40'06
minimum elong	-9957 Dec 01 j 09:02	1°♎04'10	1°40'00
evening rise	-9957 Dec 09 j 07:28	17°♎09'50	
	-9957 Dec 15 j 22:21	0°♏	
asc. node	-9957 Dec 16 j 03:48	0°♏24'32	
evening max el	-9957 Dec 27 j 02:53	15°♏48'19	19°52'11
retrograde	-9956 Jan 05 j 22:50	20°♏26'04	
evening set	-9956 Jan 08 j 11:50	20°♏08'54	
inferior conj	-9956 Jan 16 j 23:35	16°♏05'27	3°25'28
minimum elong	-9956 Jan 17 j 04:55	15°♏57'05	3°24'02
min. Earth dist.	-9956 Jan 19 j 06:47	14°♏39'24	0.56282 AU
morning rise	-9956 Jan 25 j 19:59	11°♏28'32	
direct	-9956 Jan 30 j 01:34	10°♏48'41	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-9956 Jan 31 j 20:11	10°♏55'53	
morning max el	-9956 Feb 12 j 20:22	17°♏42'09	24°01'41
	-9956 Feb 22 j 20:09	0°♐	
morning set	-9956 Mar 08 j 09:00	26°♐29'43	
	-9956 Mar 10 j 00:48	0°♑	
asc. node	-9956 Mar 13 j 02:12	6°♑33'52	
superior conj	-9956 Mar 15 j 10:22	11°♑36'36	0°22'45
minimum elong	-9956 Mar 15 j 09:25	11°♑31'26	0°21'59
max. Earth dist.	-9956 Mar 17 j 06:07	15°♑30'45	1.33502 AU
evening rise	-9956 Mar 22 j 22:45	27°♑19'39	
	-9956 Mar 24 j 06:57	0°♒	
	-9956 Apr 10 j 15:53	0°♓	
evening max el	-9956 Apr 25 j 01:39	17°♓55'10	27°26'28
desc. node	-9956 Apr 28 j 19:16	21°♓11'22	
retrograde	-9956 May 08 j 20:42	25°♓27'14	
evening set	-9956 May 15 j 20:38	22°♓55'37	
min. Earth dist.	-9956 May 19 j 11:53	19°♓47'11	0.63025 AU
inferior conj	-9956 May 22 j 06:35	16°♓58'10	-3°38'46
minimum elong	-9956 May 22 j 07:23	16°♓56'08	3°38'57
morning rise	-9956 May 28 j 19:12	11°♓45'40	
direct	-9956 May 31 j 12:45	11°♓09'40	
morning max el	-9956 Jun 07 j 01:41	14°♓32'13	18°02'00
asc. node	-9956 Jun 09 j 02:28	16°♓46'56	
	-9956 Jun 17 j 19:29	0°♈	
morning set	-9956 Jun 24 j 02:13	10°♈56'16	
	-9956 Jul 05 j 03:52	0°♉	
superior conj	-9956 Jul 06 j 05:13	1°♉46'00	1°37'55
minimum elong	-9956 Jul 06 j 09:53	2°♉05'27	1°37'53
max. Earth dist.	-9956 Jul 12 j 09:19	11°♉53'55	1.43356 AU
evening rise	-9956 Jul 21 j 21:33	26°♉58'06	
	-9956 Jul 23 j 20:28	0°♊	
desc. node	-9956 Jul 25 j 16:23	2°♊49'07	
	-9956 Aug 13 j 05:34	0°♋	
evening max el	-9956 Aug 19 j 19:55	7°♋55'53	20°48'00
retrograde	-9956 Aug 28 j 00:21	12°♋44'31	
evening set	-9956 Aug 31 j 22:18	11°♋17'03	
asc. node	-9956 Sep 05 j 02:45	6°♋46'32	
inferior conj	-9956 Sep 06 j 07:26	5°♋10'13	0°23'17
minimum elong	-9956 Sep 06 j 06:54	5°♋12'02	0°23'38
min. Earth dist.	-9956 Sep 06 j 21:56	4°♋20'59	0.66836 AU
	-9956 Sep 10 j 10:20	30°℞♊	
morning rise	-9956 Sep 11 j 15:20	28°♊50'37	
direct	-9956 Sep 16 j 22:12	26°♊36'01	
	-9956 Sep 24 j 11:21	0°♋	
morning max el	-9956 Sep 28 j 00:14	3°♋13'53	24°14'25
	-9956 Oct 18 j 11:53	0°♌	
desc. node	-9956 Oct 21 j 15:38	4°♌47'44	
morning set	-9956 Nov 02 j 13:28	24°♌11'38	
	-9956 Nov 05 j 21:08	0°♍	
max. Earth dist.	-9956 Nov 06 j 14:00	1°♍15'13	1.38417 AU
superior conj	-9956 Nov 13 j 14:21	14°♍13'55	-1°42'19
minimum elong	-9956 Nov 13 j 13:48	14°♍11'20	1°42'06
	-9956 Nov 21 j 16:09	0°♎	
evening rise	-9956 Nov 22 j 07:06	1°♎13'37	
asc. node	-9956 Dec 02 j 01:06	19°♎07'09	
evening max el	-9956 Dec 08 j 22:42	28°♎03'41	18°57'22
	-9956 Dec 11 j 06:56	0°♏	
retrograde	-9956 Dec 17 j 09:25	2°♏06'45	
evening set	-9956 Dec 19 j 21:22	1°♏46'58	
	-9956 Dec 23 j 23:50	30°℞♎	
inferior conj	-9956 Dec 27 j 19:20	27°♎27'37	4°07'56
minimum elong	-9956 Dec 27 j 21:40	27°♎23'26	4°07'32
min. Earth dist.	-9956 Dec 30 j 21:37	25°♎15'27	0.57741 AU
morning rise	-9955 Jan 04 j 19:49	22°♎25'19	

direct	-9955 Jan 10 j 09:10	21°♎11'48	
desc. node	-9955 Jan 17 j 17:01	23°♎16'25	
morning max el	-9955 Jan 24 j 11:28	28°♎25'58	25°33'50
	-9955 Jan 26 j 01:05	0°♏	
	-9955 Feb 15 j 03:00	0°♐	
morning set	-9955 Feb 20 j 21:22	11°♐35'11	
superior conj	-9955 Feb 27 j 20:50	26°♐37'06	-0°01'01
minimum elong	-9955 Feb 27 j 20:54	26°♐37'28	0°01'34
behind sun begin	-9955 Feb 27 j 15:53	26°♐10'12	
behind sun end	-9955 Feb 28 j 01:54	27°♐04'43	
asc. node	-9955 Feb 27 j 23:18	26°♐50'30	
max. Earth dist.	-9955 Feb 28 j 16:58	28°♐26'35	1.32969 AU
	-9955 Mar 01 j 10:12	0°♑	
evening rise	-9955 Mar 07 j 02:09	11°♑59'36	
	-9955 Mar 16 j 12:10	0°♒	
	-9955 Apr 07 j 00:33	0°♓	
evening max el	-9955 Apr 07 j 07:41	0°♓17'18	27°07'33
desc. node	-9955 Apr 15 j 16:32	6°♓24'19	
retrograde	-9955 Apr 21 j 08:30	7°♓46'21	
evening set	-9955 Apr 28 j 01:00	5°♓42'01	
min. Earth dist.	-9955 May 01 j 20:43	2°♓50'45	0.61129 AU
inferior conj	-9955 May 05 j 02:21	29°♒57'28	-3°35'39
minimum elong	-9955 May 05 j 01:11	0°♓00'05	3°35'55
	-9955 May 05 j 01:14	30°℞♒	
morning rise	-9955 May 12 j 03:20	25°♒04'50	
direct	-9955 May 14 j 17:01	24°♒37'09	
morning max el	-9955 May 21 j 15:02	28°♒02'52	18°05'09
	-9955 May 23 j 10:40	0°♓	
asc. node	-9955 May 26 j 23:20	4°♓44'56	
morning set	-9955 Jun 06 j 19:53	23°♓32'47	
	-9955 Jun 10 j 08:26	0°♈	
superior conj	-9955 Jun 17 j 09:14	12°♈35'48	1°49'11
minimum elong	-9955 Jun 17 j 10:21	12°♈40'38	1°49'14
max. Earth dist.	-9955 Jun 24 j 17:04	25°♈06'30	1.41859 AU
	-9955 Jun 27 j 16:19	0°♉	
evening rise	-9955 Jul 01 j 04:21	5°♉39'03	
desc. node	-9955 Jul 12 j 13:43	23°♉14'35	
	-9955 Jul 17 j 03:50	0°♊	
evening max el	-9955 Aug 02 j 14:38	21°♊18'12	22°02'40
retrograde	-9955 Aug 11 j 19:47	26°♊45'51	
evening set	-9955 Aug 16 j 06:44	24°♊58'07	
inferior conj	-9955 Aug 21 j 13:06	18°♊45'40	-0°28'02
minimum elong	-9955 Aug 21 j 13:41	18°♊43'36	0°27'14
min. Earth dist.	-9955 Aug 21 j 17:14	18°♊31'21	0.67182 AU
asc. node	-9955 Aug 22 j 23:49	16°♊46'57	
morning rise	-9955 Aug 26 j 20:31	12°♊27'09	
direct	-9955 Aug 31 j 13:15	10°♊31'26	
morning max el	-9955 Sep 10 j 11:28	16°♊29'29	22°49'50
	-9955 Sep 21 j 11:37	0°♋	
desc. node	-9955 Oct 08 j 12:28	25°♋08'54	
	-9955 Oct 11 j 13:49	0°♌	
morning set	-9955 Oct 14 j 07:28	4°♌26'02	
max. Earth dist.	-9955 Oct 19 j 12:26	13°♌07'52	1.40416 AU
superior conj	-9955 Oct 27 j 04:20	26°♌36'23	-1°35'01
minimum elong	-9955 Oct 27 j 01:34	26°♌23'50	1°34'29
	-9955 Oct 29 j 00:57	0°♍	
evening rise	-9955 Nov 05 j 22:02	14°♍47'02	
	-9955 Nov 14 j 06:07	0°♎	
asc. node	-9955 Nov 18 j 22:25	7°♎06'10	
evening max el	-9955 Nov 22 j 03:03	10°♎47'36	18°22'44
retrograde	-9955 Nov 29 j 13:38	14°♎29'05	
evening set	-9955 Dec 02 j 01:54	14°♎05'03	
inferior conj	-9955 Dec 09 j 10:33	9°♎24'54	4°14'33
minimum elong	-9955 Dec 09 j 09:30	9°♎27'06	4°14'28

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-9955 Dec 12 j 16:24	6°♎44'55	0.59562 AU
morning rise	-9955 Dec 16 j 15:23	4°♎01'40	
direct	-9955 Dec 23 j 04:39	2°♎09'24	
desc. node	-9954 Jan 04 j 13:47	8°♎00'23	
morning max el	-9954 Jan 06 j 06:26	9°♎33'44	26°46'11
	-9954 Jan 21 j 23:43	0°♏	
morning set	-9954 Feb 05 j 07:59	26°♏34'42	
	-9954 Feb 06 j 23:01	0°♐	
superior conj	-9954 Feb 12 j 08:36	11°♐40'58	-0°24'16
minimum elong	-9954 Feb 12 j 09:37	11°♐46'29	0°24'35
max. Earth dist.	-9954 Feb 12 j 06:25	11°♐28'58	1.32763 AU
asc. node	-9954 Feb 14 j 20:25	17°♐07'08	
evening rise	-9954 Feb 19 j 10:06	26°♐52'22	
	-9954 Feb 20 j 22:29	0°♑	
	-9954 Mar 10 j 06:05	0°♒	
evening max el	-9954 Mar 20 j 08:27	12°♒01'30	26°16'42
desc. node	-9954 Apr 02 j 13:46	19°♒19'57	
retrograde	-9954 Apr 03 j 11:40	19°♒22'02	
evening set	-9954 Apr 09 j 10:18	17°♒53'24	
min. Earth dist.	-9954 Apr 13 j 21:46	15°♒04'06	0.59124 AU
inferior conj	-9954 Apr 17 j 05:58	12°♒28'42	-3°09'05
minimum elong	-9954 Apr 17 j 02:42	12°♒35'06	3°09'00
morning rise	-9954 Apr 24 j 21:56	7°♒56'07	
direct	-9954 Apr 27 j 07:56	7°♒35'28	
morning max el	-9954 May 05 j 00:51	11°♒17'26	18°27'33
asc. node	-9954 May 13 j 20:11	23°♒25'15	
	-9954 May 17 j 12:22	0°♓	
morning set	-9954 May 21 j 04:33	6°♓56'02	
superior conj	-9954 May 30 j 13:24	24°♓38'44	1°47'32
minimum elong	-9954 May 30 j 11:52	24°♓31'36	1°47'22
	-9954 Jun 02 j 11:57	0°♈	
max. Earth dist.	-9954 Jun 06 j 19:26	7°♈37'04	1.40045 AU
evening rise	-9954 Jun 11 j 10:18	15°♈28'20	
	-9954 Jun 20 j 11:18	0°♉	
desc. node	-9954 Jun 29 j 11:05	13°♉26'07	
	-9954 Jul 11 j 22:13	0°♊	
evening max el	-9954 Jul 16 j 03:48	4°♊39'29	23°23'54
retrograde	-9954 Jul 26 j 12:28	10°♊47'58	
evening set	-9954 Jul 31 j 13:53	8°♊39'13	
inferior conj	-9954 Aug 05 j 19:26	2°♊23'56	-1°16'40
minimum elong	-9954 Aug 05 j 21:00	2°♊18'34	1°15'35
min. Earth dist.	-9954 Aug 05 j 13:06	2°♊45'45	0.67237 AU
	-9954 Aug 07 j 14:08	30°℞♉	
asc. node	-9954 Aug 09 j 20:48	27°♉20'26	
morning rise	-9954 Aug 11 j 04:02	26°♉10'13	
direct	-9954 Aug 15 j 08:03	24°♉33'13	
morning max el	-9954 Aug 24 j 03:06	29°♉48'23	21°28'29
	-9954 Aug 24 j 07:35	0°♊	
	-9954 Sep 15 j 06:29	0°♋	
morning set	-9954 Sep 23 j 23:39	13°♋27'27	
desc. node	-9954 Sep 25 j 09:22	15°♋40'46	
max. Earth dist.	-9954 Oct 01 j 16:17	25°♋49'48	1.42259 AU
	-9954 Oct 04 j 04:45	0°♌	
superior conj	-9954 Oct 08 j 20:13	7°♌51'46	-1°15'33
minimum elong	-9954 Oct 08 j 15:34	7°♌31'48	1°14'37
evening rise	-9954 Oct 20 j 00:43	27°♌42'13	
	-9954 Oct 21 j 07:09	0°♍	
evening max el	-9954 Nov 05 j 13:15	23°♍52'38	18°08'01
asc. node	-9954 Nov 05 j 19:41	24°♍08'26	
retrograde	-9954 Nov 12 j 09:28	27°♍24'47	
evening set	-9954 Nov 14 j 23:12	26°♍55'04	
inferior conj	-9954 Nov 21 j 19:43	21°♍53'13	3°55'32
minimum elong	-9954 Nov 21 j 16:36	22°♍00'35	3°55'13
min. Earth dist.	-9954 Nov 24 j 18:15	19°♍06'59	0.61440 AU
morning rise	-9954 Nov 28 j 08:51	16°♍12'57	
direct	-9954 Dec 05 j 09:39	13°♍49'19	
morning max el	-9954 Dec 19 j 07:41	21°♍19'17	27°27'48
desc. node	-9954 Dec 22 j 10:30	24°♍33'27	
	-9954 Dec 26 j 23:42	0°♎	
	-9953 Jan 14 j 20:42	0°♏	
morning set	-9953 Jan 20 j 14:55	11°♏21'08	
max. Earth dist.	-9953 Jan 26 j 18:49	24°♏25'04	1.32890 AU
superior conj	-9953 Jan 27 j 20:02	26°♏42'04	-0°46'14
minimum elong	-9953 Jan 27 j 21:48	26°♏51'41	0°46'23
	-9953 Jan 29 j 08:23	0°♐	
asc. node	-9953 Feb 01 j 17:34	7°♐19'40	
evening rise	-9953 Feb 03 j 20:37	11°♐50'40	
	-9953 Feb 13 j 05:18	0°♑	
evening max el	-9953 Mar 02 j 03:56	23°♑11'16	24°59'45
	-9953 Mar 13 j 14:46	0°♒	
retrograde	-9953 Mar 16 j 03:37	0°♒15'00	
	-9953 Mar 18 j 16:29	30°℞♑	
desc. node	-9953 Mar 20 j 10:55	29°♑32'13	
evening set	-9953 Mar 21 j 00:33	29°♑20'24	
min. Earth dist.	-9953 Mar 26 j 17:08	26°♑19'47	0.57298 AU
inferior conj	-9953 Mar 29 j 14:22	24°♑23'38	-2°12'13
minimum elong	-9953 Mar 29 j 10:19	24°♑30'31	2°11'44
morning rise	-9953 Apr 06 j 23:14	20°♑09'14	
direct	-9953 Apr 09 j 05:58	19°♑53'54	
morning max el	-9953 Apr 18 j 04:09	24°♑06'28	19°09'40
	-9953 Apr 23 j 03:39	0°♒	
asc. node	-9953 Apr 30 j 17:02	12°♒37'42	
morning set	-9953 May 05 j 00:08	20°♒55'37	
	-9953 May 09 j 14:06	0°♓	
superior conj	-9953 May 13 j 12:08	7°♓39'40	1°36'41
minimum elong	-9953 May 13 j 09:21	7°♓26'13	1°36'10
max. Earth dist.	-9953 May 19 j 20:01	19°♓32'48	1.38166 AU
evening rise	-9953 May 23 j 19:33	26°♓39'29	
	-9953 May 25 j 17:48	0°♈	
	-9953 Jun 13 j 23:31	0°♉	
desc. node	-9953 Jun 16 j 08:31	3°♉16'55	
evening max el	-9953 Jun 28 j 14:00	18°♉01'41	24°44'49
retrograde	-9953 Jul 10 j 01:22	24°♉46'33	
evening set	-9953 Jul 15 j 17:48	22°♉18'22	
min. Earth dist.	-9953 Jul 20 j 07:04	17°♉01'44	0.66976 AU
inferior conj	-9953 Jul 21 j 00:41	16°♉02'43	-2°01'12
minimum elong	-9953 Jul 21 j 02:58	15°♉55'05	2°00'04
morning rise	-9953 Jul 26 j 12:05	9°♉57'15	
asc. node	-9953 Jul 27 j 17:42	9°♉12'51	
direct	-9953 Jul 30 j 05:13	8°♉37'32	
morning max el	-9953 Aug 07 j 01:04	13°♉13'16	20°16'24
	-9953 Aug 19 j 17:21	0°♊	
morning set	-9953 Sep 03 j 01:51	21°♊52'27	
	-9953 Sep 08 j 06:36	0°♋	
desc. node	-9953 Sep 12 j 06:20	6°♋18'53	
max. Earth dist.	-9953 Sep 14 j 03:04	9°♋17'37	1.43674 AU
superior conj	-9953 Sep 19 j 08:54	17°♋47'19	-0°42'24
minimum elong	-9953 Sep 19 j 04:45	17°♋30'22	0°41'19
	-9953 Sep 26 j 16:55	0°♌	
evening rise	-9953 Oct 02 j 10:30	9°♌48'16	
	-9953 Oct 14 j 12:38	0°♍	
evening max el	-9953 Oct 20 j 02:17	7°♍10'53	18°12'28
asc. node	-9953 Oct 23 j 16:56	9°♍58'14	
retrograde	-9953 Oct 26 j 16:54	10°♍44'16	
evening set	-9953 Oct 29 j 09:42	10°♍07'03	
inferior conj	-9953 Nov 04 j 19:30	4°♍45'21	3°20'18
minimum elong	-9953 Nov 04 j 15:48	4°♍55'12	3°19'43
min. Earth dist.	-9953 Nov 07 j 05:45	2°♍10'38	0.63148 AU

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9953 Nov 09 j 11:40	30°℞♌	
morning rise	-9953 Nov 10 j 21:08	28°♌50'42	
direct	-9953 Nov 17 j 22:14	26°♌09'07	
	-9953 Nov 27 j 07:35	0°♍	
morning max el	-9953 Dec 01 j 14:24	3°♍42'45	27°34'30
desc. node	-9953 Dec 09 j 07:11	12°♍24'48	
	-9953 Dec 21 j 10:28	0°♎	
morning set	-9952 Jan 04 j 15:50	25°♎46'25	
	-9952 Jan 06 j 17:46	0°♏	
max. Earth dist.	-9952 Jan 10 j 02:30	7°♏02'08	1.33373 AU
superior conj	-9952 Jan 12 j 05:26	11°♏34'13	-1°06'07
minimum elong	-9952 Jan 12 j 07:39	11°♏46'11	1°06'08
evening rise	-9952 Jan 19 j 07:57	26°♏48'03	
asc. node	-9952 Jan 19 j 14:47	27°♏23'46	
	-9952 Jan 20 j 20:53	0°♐	
	-9952 Feb 08 j 01:26	0°♑	
evening max el	-9952 Feb 11 j 21:01	4°♑02'38	23°28'09
retrograde	-9952 Feb 25 j 07:07	10°♑37'22	
evening set	-9952 Feb 29 j 01:27	10°♑06'17	
desc. node	-9952 Mar 06 j 07:58	7°♑19'35	
min. Earth dist.	-9952 Mar 07 j 09:14	6°♑42'52	0.55966 AU
inferior conj	-9952 Mar 09 j 03:25	5°♑39'52	-0°43'35
minimum elong	-9952 Mar 09 j 01:35	5°♑42'36	0°43'36
morning rise	-9952 Mar 18 j 04:10	1°♑37'13	
direct	-9952 Mar 20 j 10:03	1°♑24'34	
morning max el	-9952 Mar 30 j 22:19	6°♑21'40	20°11'36
	-9952 Apr 15 j 10:39	0°♒	
asc. node	-9952 Apr 16 j 13:54	2°♒14'47	
morning set	-9952 Apr 18 j 03:26	5°♒23'19	
superior conj	-9952 Apr 26 j 00:31	21°♒25'26	1°19'47
minimum elong	-9952 Apr 25 j 21:35	21°♒10'40	1°19'00
	-9952 Apr 30 j 08:51	0°♓	
max. Earth dist.	-9952 May 01 j 00:37	1°♓15'59	1.36446 AU
evening rise	-9952 May 05 j 04:11	9°♓03'20	
	-9952 May 17 j 10:12	0°♈	
desc. node	-9952 Jun 02 j 05:56	22°♈38'23	
	-9952 Jun 08 j 14:23	0°♉	
evening max el	-9952 Jun 09 j 23:54	1°♉25'21	25°57'01
retrograde	-9952 Jun 22 j 09:57	8°♉37'09	
evening set	-9952 Jun 28 j 16:28	5°♉54'31	
min. Earth dist.	-9952 Jul 02 j 20:51	1°♉16'58	0.66366 AU
	-9952 Jul 03 j 20:59	30°℞♈	
inferior conj	-9952 Jul 04 j 03:03	29°♈40'37	-2°40'04
minimum elong	-9952 Jul 04 j 05:40	29°♈32'16	2°39'08
morning rise	-9952 Jul 09 j 18:57	23°♈46'34	
direct	-9952 Jul 13 j 03:10	22°♈41'57	
asc. node	-9952 Jul 13 j 14:34	22°♈43'13	
morning max el	-9952 Jul 20 j 05:41	26°♈45'39	19°17'33
	-9952 Jul 23 j 01:36	0°♉	
morning set	-9952 Aug 12 j 10:39	0°♊38'48	
	-9952 Aug 12 j 00:48	0°♊	
max. Earth dist.	-9952 Aug 26 j 18:32	23°♊14'35	1.44476 AU
superior conj	-9952 Aug 28 j 19:43	26°♊29'37	0°01'58
minimum elong	-9952 Aug 28 j 20:02	26°♊30'52	0°02'30
behind sun begin	-9952 Aug 28 j 08:50	25°♊46'25	
behind sun end	-9952 Aug 29 j 07:13	27°♊15'21	
desc. node	-9952 Aug 29 j 03:25	27°♊00'14	
	-9952 Aug 31 j 00:35	0°♋	
evening rise	-9952 Sep 12 j 22:02	20°♋52'35	
	-9952 Sep 18 j 11:16	0°♌	
evening max el	-9952 Oct 02 j 15:20	20°♌36'41	18°35'07
retrograde	-9952 Oct 09 j 07:52	24°♌20'15	
asc. node	-9952 Oct 09 j 14:08	24°♌19'52	
evening set	-9952 Oct 12 j 05:50	23°♌33'04	
inferior conj	-9952 Oct 18 j 06:31	17°♌54'41	2°35'31
minimum elong	-9952 Oct 18 j 03:13	18°♌04'23	2°34'55
min. Earth dist.	-9952 Oct 20 j 03:27	15°♌43'04	0.64577 AU
morning rise	-9952 Oct 24 j 00:04	11°♌48'29	
direct	-9952 Oct 30 j 17:43	9°♌02'33	
morning max el	-9952 Nov 13 j 00:07	16°♌35'09	27°07'57
	-9952 Nov 24 j 06:57	0°♍	
desc. node	-9952 Nov 25 j 03:51	1°♍11'42	
	-9952 Dec 13 j 04:05	0°♎	
morning set	-9952 Dec 18 j 07:43	9°♎40'18	
max. Earth dist.	-9952 Dec 23 j 01:40	19°♎08'51	1.34260 AU
superior conj	-9952 Dec 26 j 10:51	26°♎10'22	-1°22'58
minimum elong	-9952 Dec 26 j 13:07	26°♎22'17	1°22'54
	-9952 Dec 28 j 06:20	0°♏	
evening rise	-9951 Jan 02 j 18:26	11°♏37'54	
asc. node	-9951 Jan 05 j 12:02	17°♏13'54	
	-9951 Jan 12 j 08:57	0°♐	
evening max el	-9951 Jan 23 j 17:01	14°♐58'58	21°55'19
retrograde	-9951 Feb 05 j 00:21	20°♐50'54	
evening set	-9951 Feb 07 j 23:25	20°♐31'22	
inferior conj	-9951 Feb 17 j 02:49	16°♐26'51	1°04'01
minimum elong	-9951 Feb 17 j 05:35	16°♐22'55	1°02'34
min. Earth dist.	-9951 Feb 16 j 23:55	16°♐30'58	0.55399 AU
desc. node	-9951 Feb 21 j 04:57	14°♐14'06	
morning rise	-9951 Feb 26 j 12:11	12°♐21'53	
direct	-9951 Mar 01 j 01:42	12°♐07'04	
morning max el	-9951 Mar 13 j 05:29	17°♐56'26	21°31'49
	-9951 Mar 22 j 16:09	0°♑	
morning set	-9951 Apr 02 j 11:51	20°♑10'19	
asc. node	-9951 Apr 03 j 10:51	22°♑09'23	
	-9951 Apr 07 j 04:46	0°♒	
superior conj	-9951 Apr 09 j 22:31	5°♒43'17	0°59'07
minimum elong	-9951 Apr 09 j 20:06	5°♒30'44	0°58'13
max. Earth dist.	-9951 Apr 13 j 13:57	13°♒10'46	1.35027 AU
evening rise	-9951 Apr 18 j 06:23	22°♒22'53	
	-9951 Apr 22 j 08:33	0°♓	
	-9951 May 11 j 03:10	0°♈	
desc. node	-9951 May 20 j 03:20	11°♈17'41	
evening max el	-9951 May 23 j 10:30	14°♈45'13	26°52'10
retrograde	-9951 Jun 05 j 13:43	22°♈12'34	
evening set	-9951 Jun 12 j 07:23	19°♈24'26	
min. Earth dist.	-9951 Jun 16 j 04:20	15°♈25'32	0.65370 AU
inferior conj	-9951 Jun 18 j 00:25	13°♈14'32	-3°11'24
minimum elong	-9951 Jun 18 j 02:52	13°♈07'14	3°10'53
morning rise	-9951 Jun 23 j 22:40	7°♈34'36	
direct	-9951 Jun 26 j 23:53	6°♈42'44	
asc. node	-9951 Jun 30 j 11:25	7°♈47'13	
morning max el	-9951 Jul 03 j 15:36	10°♈23'11	18°34'27
	-9951 Jul 17 j 07:46	0°♉	
morning set	-9951 Jul 23 j 17:18	10°♉26'30	
	-9951 Aug 04 j 20:14	0°♊	
superior conj	-9951 Aug 07 j 19:18	4°♊42'22	0°48'08
minimum elong	-9951 Aug 08 j 00:48	5°♊04'11	0°47'59
max. Earth dist.	-9951 Aug 09 j 11:18	7°♊20'44	1.44574 AU
desc. node	-9951 Aug 16 j 00:35	17°♊41'31	
	-9951 Aug 23 j 19:48	0°♋	
evening rise	-9951 Aug 24 j 06:56	0°♋43'57	
	-9951 Sep 12 j 13:56	0°♌	
evening max el	-9951 Sep 16 j 01:41	4°♌05'27	19°14'51
retrograde	-9951 Sep 23 j 03:03	8°♌07'36	
evening set	-9951 Sep 26 j 08:29	7°♌07'24	
asc. node	-9951 Sep 26 j 11:17	7°♌02'59	
inferior conj	-9951 Oct 02 j 01:45	1°♌15'41	1°45'34
minimum elong	-9951 Oct 01 j 23:22	1°♌23'11	1°45'13

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9951 Oct 03 j 01:40	30℞♋	
min. Earth dist.	-9951 Oct 03 j 10:05	29°♋33'38	0.65693 AU
morning rise	-9951 Oct 07 j 13:53	25°♋01'27	
direct	-9951 Oct 13 j 19:34	22°♋22'06	
morning max el	-9951 Oct 26 j 10:15	29°♋43'34	26°14'11
	-9951 Oct 26 j 16:49	0°♌	
desc. node	-9951 Nov 12 j 00:34	20°♌38'03	
	-9951 Nov 18 j 04:02	0°♍	
morning set	-9951 Dec 01 j 10:43	22°♍51'03	
	-9951 Dec 05 j 04:54	0°♎	
max. Earth dist.	-9951 Dec 05 j 13:47	0°♎43'14	1.35581 AU
superior conj	-9951 Dec 10 j 09:57	10°♎23'15	-1°35'29
minimum elong	-9951 Dec 10 j 11:41	10°♎32'06	1°35'24
evening rise	-9951 Dec 18 j 02:21	26°♎14'47	
	-9951 Dec 19 j 22:40	0°♏	
asc. node	-9951 Dec 23 j 09:20	6°♏44'06	
evening max el	-9950 Jan 05 j 21:03	26°♏21'24	20°32'30
	-9950 Jan 10 j 22:31	0°♐	
retrograde	-9950 Jan 16 j 15:14	1°♐24'23	
evening set	-9950 Jan 19 j 05:46	1°♐07'52	
	-9950 Jan 22 j 16:57	30℞♏	
inferior conj	-9950 Jan 28 j 00:53	27°♏09'07	2°42'48
minimum elong	-9950 Jan 28 j 06:31	27°♏00'47	2°40'54
min. Earth dist.	-9950 Jan 29 j 14:03	26°♏14'17	0.55725 AU
morning rise	-9950 Feb 06 j 05:40	22°♏46'01	
desc. node	-9950 Feb 08 j 01:51	22°♏25'18	
direct	-9950 Feb 09 j 17:23	22°♏19'14	
morning max el	-9950 Feb 23 j 02:23	28°♏54'38	23°05'22
	-9950 Feb 24 j 04:51	0°♐	
	-9950 Mar 15 j 10:58	0°♑	
morning set	-9950 Mar 17 j 23:15	5°♑09'39	
asc. node	-9950 Mar 21 j 07:52	12°♑16'09	
superior conj	-9950 Mar 25 j 03:08	20°♑23'40	0°36'21
minimum elong	-9950 Mar 25 j 01:35	20°♑15'28	0°35'30
max. Earth dist.	-9950 Mar 27 j 13:26	25°♑31'34	1.33963 AU
	-9950 Mar 29 j 17:12	0°♒	
evening rise	-9950 Apr 01 j 21:15	6°♒23'09	
	-9950 Apr 14 j 23:23	0°♓	
evening max el	-9950 May 05 j 21:11	27°♓52'24	27°22'34
desc. node	-9950 May 07 j 00:41	28°♓57'23	
	-9950 May 08 j 04:52	0°♈	
retrograde	-9950 May 19 j 12:00	5°♈24'50	
evening set	-9950 May 26 j 11:35	2°♈43'32	
	-9950 May 29 j 11:50	30℞♓	
min. Earth dist.	-9950 May 30 j 03:42	29°♓18'53	0.63982 AU
inferior conj	-9950 Jun 01 j 14:19	26°♓40'20	-3°32'38
minimum elong	-9950 Jun 01 j 15:56	26°♓35'55	3°32'35
morning rise	-9950 Jun 07 j 20:59	21°♓16'59	
direct	-9950 Jun 10 j 16:56	20°♓35'42	
morning max el	-9950 Jun 17 j 04:46	24°♓02'08	18°08'35
asc. node	-9950 Jun 17 j 08:17	24°♓11'00	
	-9950 Jun 22 j 00:09	0°♈	
morning set	-9950 Jul 05 j 01:38	21°♈26'04	
	-9950 Jul 10 j 02:43	0°♉	
superior conj	-9950 Jul 18 j 06:06	13°♉29'14	1°24'17
minimum elong	-9950 Jul 18 j 12:19	13°♉54'33	1°24'07
max. Earth dist.	-9950 Jul 23 j 02:34	21°♉19'01	1.43980 AU
	-9950 Jul 28 j 14:01	0°♊	
desc. node	-9950 Aug 02 j 21:50	8°♊19'25	
evening rise	-9950 Aug 03 j 15:46	9°♊29'03	
	-9950 Aug 17 j 02:25	0°♋	
evening max el	-9950 Aug 30 j 07:01	17°♋32'59	20°10'11
retrograde	-9950 Sep 06 j 23:43	22°♋02'02	
evening set	-9950 Sep 10 j 15:02	20°♋45'27	
asc. node	-9950 Sep 13 j 08:26	18°♋12'19	
inferior conj	-9950 Sep 16 j 02:38	14°♋43'31	0°53'25
minimum elong	-9950 Sep 16 j 01:24	14°♋47'35	0°53'30
min. Earth dist.	-9950 Sep 16 j 23:26	13°♋34'21	0.66504 AU
morning rise	-9950 Sep 21 j 11:32	8°♋24'54	
direct	-9950 Sep 27 j 03:00	5°♋59'49	
morning max el	-9950 Oct 08 j 19:39	12°♋56'46	25°01'20
	-9950 Oct 22 j 16:02	0°♌	
desc. node	-9950 Oct 29 j 21:19	10°♌31'38	
	-9950 Nov 10 j 22:17	0°♍	
morning set	-9950 Nov 13 j 19:41	5°♍03'05	
max. Earth dist.	-9950 Nov 17 j 15:49	12°♍00'02	1.37302 AU
superior conj	-9950 Nov 23 j 23:34	24°♍02'37	-1°42'04
minimum elong	-9950 Nov 24 j 00:05	24°♍05'06	1°41'55
	-9950 Nov 26 j 23:47	0°♎	
evening rise	-9950 Dec 02 j 05:37	10°♎31'55	
asc. node	-9950 Dec 10 j 06:38	25°♎46'23	
	-9950 Dec 12 j 20:47	0°♏	
evening max el	-9950 Dec 19 j 11:13	8°♏17'34	19°26'28
retrograde	-9950 Dec 28 j 15:49	12°♏38'24	
evening set	-9950 Dec 31 j 04:18	12°♏20'17	
inferior conj	-9949 Jan 08 j 10:17	8°♏11'24	3°48'19
minimum elong	-9949 Jan 08 j 14:36	8°♏04'17	3°47'21
min. Earth dist.	-9949 Jan 11 j 03:51	6°♏23'50	0.56846 AU
morning rise	-9949 Jan 16 j 22:40	3°♏23'26	
direct	-9949 Jan 21 j 18:26	2°♏30'21	
desc. node	-9949 Jan 25 j 22:41	3°♏10'46	
morning max el	-9949 Feb 04 j 17:24	9°♏34'23	24°42'13
	-9949 Feb 19 j 22:21	0°♐	
morning set	-9949 Mar 02 j 11:46	20°♐14'33	
	-9949 Mar 07 j 01:12	0°♑	
asc. node	-9949 Mar 08 j 04:56	2°♑30'17	
superior conj	-9949 Mar 09 j 12:00	5°♑18'34	0°12'41
minimum elong	-9949 Mar 09 j 11:29	5°♑15'45	0°11'59
behind sun begin	-9949 Mar 09 j 08:10	4°♑57'46	
behind sun end	-9949 Mar 09 j 14:48	5°♑33'43	
max. Earth dist.	-9949 Mar 10 j 21:15	8°♑17'56	1.33242 AU
evening rise	-9949 Mar 16 j 20:56	20°♑51'37	
	-9949 Mar 21 j 12:35	0°♒	
	-9949 Apr 09 j 02:13	0°♓	
evening max el	-9949 Apr 18 j 05:52	10°♓35'06	27°22'32
desc. node	-9949 Apr 23 j 21:59	15°♓13'14	
retrograde	-9949 May 02 j 03:47	18°♓05'47	
evening set	-9949 May 09 j 01:40	15°♓44'43	
min. Earth dist.	-9949 May 12 j 17:54	12°♓45'04	0.62245 AU
inferior conj	-9949 May 15 j 17:45	9°♓52'07	-3°39'56
minimum elong	-9949 May 15 j 17:47	9°♓52'03	3°40'11
morning rise	-9949 May 22 j 11:15	4°♓47'35	
direct	-9949 May 25 j 03:07	4°♓15'12	
morning max el	-9949 May 31 j 18:47	7°♓37'47	18°00'59
asc. node	-9949 Jun 04 j 05:08	11°♓38'57	
	-9949 Jun 15 j 09:21	0°♈	
morning set	-9949 Jun 17 j 08:36	3°♈31'13	
superior conj	-9949 Jun 28 j 18:23	23°♈31'51	1°44'32
minimum elong	-9949 Jun 28 j 21:32	23°♈45'15	1°44'34
	-9949 Jul 02 j 14:39	0°♉	
max. Earth dist.	-9949 Jul 05 j 14:08	4°♉54'44	1.42774 AU
evening rise	-9949 Jul 13 j 16:49	17°♉53'37	
desc. node	-9949 Jul 20 j 19:08	28°♉50'49	
	-9949 Jul 21 j 13:23	0°♊	
	-9949 Aug 12 j 07:47	0°♋	
evening max el	-9949 Aug 13 j 05:47	0°♋57'38	21°18'41
retrograde	-9949 Aug 21 j 19:59	6°♋01'40	
evening set	-9949 Aug 25 j 23:20	4°♋25'45	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9949 Aug 30 j 00:30	30°℞♊	
inferior conj	-9949 Aug 31 j 07:04	28°♊16'24	0°01'16
minimum elong	-9949 Aug 31 j 07:02	28°♊16'33	0°01'50
transit middle	-9949 Aug 31 j 07:02	28°♊16'33	0°01'50
transit begin	-9949 Aug 31 j 04:20	28°♊25'48	
transit end	-9949 Aug 31 j 09:43	28°♊07'19	
asc. node	-9949 Aug 31 j 05:31	28°♊21'44	
min. Earth dist.	-9949 Aug 31 j 17:09	27°♊41'53	0.67022 AU
morning rise	-9949 Sep 05 j 14:34	21°♊57'04	
direct	-9949 Sep 10 j 15:26	19°♊50'17	
morning max el	-9949 Sep 21 j 05:30	26°♊11'17	23°38'32
	-9949 Sep 24 j 17:07	0°♋	
	-9949 Oct 16 j 06:40	0°♌	
desc. node	-9949 Oct 16 j 18:08	0°♌44'32	
morning set	-9949 Oct 26 j 05:02	16°♌02'19	
max. Earth dist.	-9949 Oct 30 j 13:49	23°♌32'12	1.39274 AU
	-9949 Nov 03 j 04:57	0°♍	
superior conj	-9949 Nov 06 j 23:38	6°♍56'58	-1°40'33
minimum elong	-9949 Nov 06 j 22:12	6°♍50'12	1°40'13
evening rise	-9949 Nov 16 j 01:53	24°♍23'16	
	-9949 Nov 18 j 23:56	0°♎	
asc. node	-9949 Nov 27 j 03:57	14°♎11'34	
evening max el	-9949 Dec 02 j 10:55	20°♎45'31	18°40'07
retrograde	-9949 Dec 10 j 09:55	24°♎37'39	
evening set	-9949 Dec 12 j 22:04	24°♎16'03	
inferior conj	-9949 Dec 20 j 14:12	19°♎47'53	4°14'32
minimum elong	-9949 Dec 20 j 14:59	19°♎46'22	4°14'22
min. Earth dist.	-9949 Dec 23 j 19:33	17°♎21'39	0.58497 AU
morning rise	-9949 Dec 28 j 06:02	14°♎36'27	
direct	-9948 Jan 03 j 07:03	13°♎06'28	
desc. node	-9948 Jan 12 j 19:29	16°♎35'53	
morning max el	-9948 Jan 17 j 09:25	20°♎24'48	26°07'50
	-9948 Jan 25 j 16:04	0°♏	
	-9948 Feb 12 j 09:44	0°♐	
morning set	-9948 Feb 14 j 23:36	5°♐18'13	
superior conj	-9948 Feb 21 j 23:11	20°♐20'55	-0°10'59
minimum elong	-9948 Feb 21 j 23:40	20°♐23'34	0°11'27
behind sun begin	-9948 Feb 21 j 20:13	20°♐04'41	
behind sun end	-9948 Feb 22 j 03:08	20°♐42'28	
max. Earth dist.	-9948 Feb 22 j 09:50	21°♐19'03	1.32848 AU
asc. node	-9948 Feb 23 j 02:01	22°♐47'13	
	-9948 Feb 26 j 10:13	0°♑	
evening rise	-9948 Feb 29 j 02:32	5°♑37'58	
	-9948 Mar 13 j 05:00	0°♒	
evening max el	-9948 Mar 30 j 09:53	22°♒41'36	26°49'35
desc. node	-9948 Apr 09 j 19:15	29°♒32'22	
	-9948 Apr 11 j 20:28	0°♓	
retrograde	-9948 Apr 13 j 11:46	0°♓06'57	
	-9948 Apr 15 j 02:39	30°℞♒	
evening set	-9948 Apr 19 j 22:07	28°♒17'18	
min. Earth dist.	-9948 Apr 23 j 23:00	25°♒28'55	0.60279 AU
inferior conj	-9948 Apr 27 j 07:05	22°♒40'38	-3°27'41
minimum elong	-9948 Apr 27 j 04:58	22°♒45'07	3°27'52
morning rise	-9948 May 04 j 14:07	17°♒56'33	
direct	-9948 May 07 j 02:25	17°♒31'53	
morning max el	-9948 May 14 j 06:56	21°♒02'26	18°12'18
asc. node	-9948 May 21 j 01:57	29°♒56'06	
	-9948 May 21 j 02:56	0°♓	
morning set	-9948 May 30 j 09:12	16°♓29'06	
	-9948 Jun 06 j 16:09	0°♈	
superior conj	-9948 Jun 09 j 09:19	4°♈54'27	1°49'51
minimum elong	-9948 Jun 09 j 09:08	4°♈53'35	1°49'49
max. Earth dist.	-9948 Jun 16 j 19:58	17°♈51'54	1.41114 AU
evening rise	-9948 Jun 22 j 08:04	26°♈59'13	
	-9948 Jun 24 j 04:53	0°♉	
desc. node	-9948 Jul 06 j 16:30	19°♉11'05	
	-9948 Jul 14 j 06:33	0°♊	
evening max el	-9948 Jul 25 j 21:51	14°♊18'48	22°36'45
retrograde	-9948 Aug 04 j 14:20	20°♊03'39	
evening set	-9948 Aug 09 j 07:26	18°♊06'41	
inferior conj	-9948 Aug 14 j 13:11	11°♊52'41	-0°49'06
minimum elong	-9948 Aug 14 j 14:14	11°♊49'06	0°48'10
min. Earth dist.	-9948 Aug 14 j 12:51	11°♊53'52	0.67246 AU
asc. node	-9948 Aug 17 j 02:31	8°♊28'29	
morning rise	-9948 Aug 19 j 20:57	5°♊36'02	
direct	-9948 Aug 24 j 08:01	3°♊48'35	
morning max el	-9948 Sep 02 j 18:21	9°♊27'56	22°14'29
	-9948 Sep 18 j 15:13	0°♋	
desc. node	-9948 Oct 02 j 15:01	21°♋10'49	
morning set	-9948 Oct 05 j 11:26	25°♋43'14	
	-9948 Oct 08 j 02:48	0°♌	
max. Earth dist.	-9948 Oct 11 j 14:34	5°♌46'39	1.41235 AU
superior conj	-9948 Oct 19 j 04:54	18°♌52'20	-1°28'23
minimum elong	-9948 Oct 19 j 01:12	18°♌35'55	1°27'41
	-9948 Oct 25 j 08:31	0°♍	
evening rise	-9948 Oct 29 j 12:05	7°♍41'39	
	-9948 Nov 11 j 14:49	0°♎	
asc. node	-9948 Nov 13 j 01:14	1°♎48'12	
evening max el	-9948 Nov 14 j 18:01	3°♎39'00	18°14'04
retrograde	-9948 Nov 21 j 21:30	7°♎15'35	
evening set	-9948 Nov 24 j 10:09	6°♎49'22	
inferior conj	-9948 Dec 01 j 13:25	1°♎59'35	4°09'02
minimum elong	-9948 Dec 01 j 11:18	2°♎04'16	4°08'54
	-9948 Dec 03 j 19:41	30°℞♍	
min. Earth dist.	-9948 Dec 04 j 16:57	29°♍14'33	0.60361 AU
morning rise	-9948 Dec 08 j 11:00	26°♍28'32	
direct	-9948 Dec 15 j 06:26	24°♍21'51	
	-9948 Dec 27 j 07:30	0°♎	
morning max el	-9948 Dec 29 j 07:14	1°♎48'54	27°08'13
desc. node	-9948 Dec 29 j 16:13	2°♎10'46	
	-9947 Jan 18 j 18:52	0°♏	
morning set	-9947 Jan 29 j 08:57	20°♏14'01	
	-9947 Feb 02 j 23:19	0°♐	
superior conj	-9947 Feb 05 j 11:02	5°♐24'56	-0°33'47
minimum elong	-9947 Feb 05 j 12:23	5°♐32'22	0°34'01
max. Earth dist.	-9947 Feb 04 j 23:28	4°♐21'51	1.32774 AU
asc. node	-9947 Feb 08 j 23:09	13°♐03'06	
evening rise	-9947 Feb 12 j 11:49	20°♐34'26	
	-9947 Feb 17 j 03:43	0°♑	
	-9947 Mar 08 j 09:19	0°♒	
evening max el	-9947 Mar 12 j 08:03	4°♒09'53	25°46'29
retrograde	-9947 Mar 26 j 10:33	11°♒25'00	
desc. node	-9947 Mar 27 j 16:24	11°♒21'13	
evening set	-9947 Mar 31 j 23:07	10°♒11'19	
min. Earth dist.	-9947 Apr 05 j 21:06	7°♒18'52	0.58313 AU
inferior conj	-9947 Apr 09 j 02:49	4°♒57'33	-2°48'57
minimum elong	-9947 Apr 08 j 22:55	5°♒04'41	2°48'40
morning rise	-9947 Apr 17 j 01:54	0°♒33'33	
direct	-9947 Apr 19 j 10:27	0°♒15'25	
morning max el	-9947 Apr 27 j 14:26	4°♒08'09	18°43'02
asc. node	-9947 May 07 j 22:47	18°♒51'20	
morning set	-9947 May 13 j 22:57	0°♓09'06	
	-9947 May 13 j 21:04	0°♓	
superior conj	-9947 May 22 j 22:08	17°♓24'34	1°43'51
minimum elong	-9947 May 22 j 19:54	17°♓14'04	1°43'32
	-9947 May 29 j 19:36	0°♈	
max. Earth dist.	-9947 May 29 j 20:47	0°♈05'18	1.39240 AU
evening rise	-9947 Jun 03 j 01:47	7°♈23'24	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9947 Jun 17 j 05:17	0°♉	
desc. node	-9947 Jun 23 j 13:53	9°♉14'47	
evening max el	-9947 Jul 08 j 09:11	27°♉39'26	23°58'44
	-9947 Jul 10 j 21:21	0°♊	
retrograde	-9947 Jul 19 j 05:38	4°♊04'53	
evening set	-9947 Jul 24 j 13:27	1°♊47'17	
	-9947 Jul 26 j 07:55	30°℞♉	
inferior conj	-9947 Jul 29 j 19:17	25°♉31'17	-1°36'10
minimum elong	-9947 Jul 29 j 21:11	25°♉24'47	1°35'03
min. Earth dist.	-9947 Jul 29 j 08:11	26°♉09'08	0.67165 AU
asc. node	-9947 Aug 03 j 23:27	19°♉31'15	
morning rise	-9947 Aug 04 j 04:53	19°♉20'43	
direct	-9947 Aug 08 j 03:54	17°♉51'32	
morning max el	-9947 Aug 16 j 12:39	22°♉49'35	20°56'22
	-9947 Aug 22 j 12:55	0°♊	
	-9947 Sep 11 j 23:46	0°♋	
morning set	-9947 Sep 14 j 19:28	4°♋22'50	
desc. node	-9947 Sep 19 j 11:57	11°♋45'51	
max. Earth dist.	-9947 Sep 23 j 21:13	18°♋48'36	1.42918 AU
superior conj	-9947 Sep 30 j 09:33	29°♋34'06	-1°03'09
minimum elong	-9947 Sep 30 j 04:41	29°♋13'37	1°02'04
	-9947 Sep 30 j 15:43	0°♌	
evening rise	-9947 Oct 12 j 08:13	20°♌17'22	
	-9947 Oct 17 j 20:10	0°♍	
evening max el	-9947 Oct 29 j 05:43	16°♍50'10	18°07'40
asc. node	-9947 Oct 30 j 22:30	18°♍21'35	
retrograde	-9947 Nov 04 j 22:47	20°♍22'00	
evening set	-9947 Nov 07 j 13:27	19°♍49'31	
inferior conj	-9947 Nov 14 j 05:14	14°♍39'05	3°42'09
minimum elong	-9947 Nov 14 j 01:43	14°♍47'52	3°41'42
min. Earth dist.	-9947 Nov 16 j 22:58	11°♍55'35	0.62185 AU
morning rise	-9947 Nov 20 j 12:57	8°♍52'06	
direct	-9947 Nov 27 j 14:57	6°♍18'51	
morning max el	-9947 Dec 11 j 11:11	13°♍51'50	27°35'01
desc. node	-9947 Dec 16 j 12:55	19°♍20'23	
	-9947 Dec 24 j 14:32	0°♎	
	-9946 Jan 11 j 03:09	0°♏	
morning set	-9946 Jan 13 j 13:39	4°♏52'46	
max. Earth dist.	-9946 Jan 19 j 10:12	17°♏10'49	1.33041 AU
superior conj	-9946 Jan 20 j 21:48	20°♏23'07	-0°54'59
minimum elong	-9946 Jan 20 j 23:48	20°♏33'59	0°55'03
	-9946 Jan 25 j 08:18	0°♐	
asc. node	-9946 Jan 26 j 20:20	3°♐12'46	
evening rise	-9946 Jan 27 j 22:51	5°♐32'54	
	-9946 Feb 10 j 02:49	0°♑	
evening max el	-9946 Feb 22 j 01:52	15°♑09'03	24°21'50
retrograde	-9946 Mar 07 j 21:45	22°♑02'56	
evening set	-9946 Mar 12 j 06:42	21°♑19'58	
desc. node	-9946 Mar 14 j 13:29	20°♑25'59	
min. Earth dist.	-9946 Mar 18 j 15:02	18°♑10'51	0.56651 AU
inferior conj	-9946 Mar 21 j 02:43	16°♑35'55	-1°38'12
minimum elong	-9946 Mar 20 j 23:11	16°♑41'34	1°37'46
morning rise	-9946 Mar 29 j 18:46	12°♑27'43	
direct	-9946 Apr 01 j 00:17	12°♑14'06	
morning max el	-9946 Apr 10 j 14:15	16°♑44'24	19°33'35
	-9946 Apr 20 j 07:50	0°♒	
asc. node	-9946 Apr 24 j 19:39	8°♒15'12	
morning set	-9946 Apr 27 j 22:09	14°♒21'34	
	-9946 May 05 j 17:48	0°♓	
superior conj	-9946 May 06 j 03:14	0°♓46'23	1°30'06
minimum elong	-9946 May 06 j 00:16	0°♓31'51	1°29'28
max. Earth dist.	-9946 May 11 j 21:50	11°♓50'28	1.37406 AU
evening rise	-9946 May 15 j 21:42	19°♓07'50	
	-9946 May 22 j 04:44	0°♈	
desc. node	-9946 Jun 10 j 11:16	28°♈54'31	
	-9946 Jun 11 j 07:17	0°♉	
evening max el	-9946 Jun 20 j 18:58	11°♉02'35	25°17'07
retrograde	-9946 Jul 02 j 16:56	18°♉00'56	
evening set	-9946 Jul 08 j 15:26	15°♉25'56	
min. Earth dist.	-9946 Jul 13 j 00:49	10°♉25'29	0.66757 AU
inferior conj	-9946 Jul 13 j 23:34	9°♉10'32	-2°18'29
minimum elong	-9946 Jul 14 j 02:03	9°♉02'23	2°17'26
morning rise	-9946 Jul 19 j 12:39	3°♉09'20	
asc. node	-9946 Jul 21 j 20:21	2°♉04'56	
direct	-9946 Jul 23 j 01:40	1°♉56'22	
morning max el	-9946 Jul 30 j 13:31	6°♉17'56	19°49'29
	-9946 Aug 16 j 15:01	0°♊	
morning set	-9946 Aug 24 j 21:55	12°♊50'05	
	-9946 Sep 04 j 20:13	0°♋	
desc. node	-9946 Sep 06 j 09:00	2°♋26'08	
max. Earth dist.	-9946 Sep 06 j 09:48	2°♋29'20	1.44093 AU
superior conj	-9946 Sep 10 j 10:30	8°♋56'37	-0°24'34
minimum elong	-9946 Sep 10 j 07:49	8°♋45'47	0°23'39
	-9946 Sep 23 j 05:01	0°♌	
evening rise	-9946 Sep 24 j 09:13	1°♌58'55	
	-9946 Oct 12 j 14:12	0°♍	
evening max el	-9946 Oct 12 j 19:11	0°♍12'51	18°20'01
asc. node	-9946 Oct 17 j 19:43	3°♍35'57	
retrograde	-9946 Oct 19 j 09:44	3°♍49'19	
evening set	-9946 Oct 22 j 04:28	3°♍08'15	
	-9946 Oct 26 j 05:43	30°℞♌	
inferior conj	-9946 Oct 28 j 10:13	27°♌39'24	3°02'11
minimum elong	-9946 Oct 28 j 06:35	27°♌49'29	3°01'33
min. Earth dist.	-9946 Oct 30 j 14:54	25°♌13'11	0.63795 AU
morning rise	-9946 Nov 03 j 08:02	21°♌39'34	
direct	-9946 Nov 10 j 06:54	18°♌54'11	
morning max el	-9946 Nov 23 j 19:19	26°♌28'30	27°26'55
	-9946 Nov 27 j 03:55	0°♍	
desc. node	-9946 Dec 03 j 09:38	7°♍37'58	
	-9946 Dec 18 j 02:47	0°♎	
morning set	-9946 Dec 28 j 11:07	19°♎05'44	
max. Earth dist.	-9945 Jan 02 j 14:23	29°♎34'22	1.33695 AU
	-9945 Jan 02 j 19:17	0°♏	
superior conj	-9945 Jan 05 j 05:46	5°♏09'20	-1°13'43
minimum elong	-9945 Jan 05 j 08:04	5°♏21'36	1°13'41
evening rise	-9945 Jan 12 j 10:00	20°♏27'31	
asc. node	-9945 Jan 13 j 17:34	23°♏11'29	
	-9945 Jan 17 j 03:08	0°♐	
evening max el	-9945 Feb 03 j 19:39	25°♐59'53	22°48'08
	-9945 Feb 09 j 01:09	0°♑	
retrograde	-9945 Feb 16 j 20:03	2°♑17'17	
evening set	-9945 Feb 20 j 04:45	1°♑52'38	
	-9945 Feb 25 j 02:17	30°℞♐	
min. Earth dist.	-9945 Feb 28 j 06:38	28°♐15'29	0.55620 AU
inferior conj	-9945 Mar 01 j 08:49	27°♐37'35	0°01'07
minimum elong	-9945 Mar 01 j 08:50	27°♐37'33	0°00'32
transit middle	-9945 Mar 01 j 08:50	27°♐37'33	0°00'32
transit begin	-9945 Mar 01 j 04:46	27°♐43'27	
transit end	-9945 Mar 01 j 12:54	27°♐31'39	
desc. node	-9945 Mar 01 j 10:30	27°♐35'07	
morning rise	-9945 Mar 10 j 14:28	23°♐35'30	
direct	-9945 Mar 12 j 22:10	23°♐22'41	
morning max el	-9945 Mar 24 j 03:45	28°♐42'18	20°43'36
	-9945 Mar 25 j 10:57	0°♑	
asc. node	-9945 Apr 11 j 16:33	28°♑00'26	
morning set	-9945 Apr 12 j 03:55	28°♑58'20	
	-9945 Apr 12 j 15:59	0°♒	
superior conj	-9945 Apr 19 j 20:05	14°♒46'50	1°11'22

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9945 Apr 19 j 17:18	14°♒32'39	1°10'31
max. Earth dist.	-9945 Apr 24 j 05:49	23°♒36'16	1.35806 AU
	-9945 Apr 27 j 13:28	0°♓	
evening rise	-9945 Apr 28 j 14:30	1°♓57'38	
	-9945 May 15 j 04:56	0°♈	
desc. node	-9945 May 28 j 08:40	17°♈59'58	
evening max el	-9945 Jun 03 j 05:22	24°♈26'34	26°23'09
	-9945 Jun 10 j 04:52	0°♉	
retrograde	-9945 Jun 15 j 23:29	1°♉45'52	
	-9945 Jun 21 j 04:20	30°℞♈	
evening set	-9945 Jun 22 j 11:08	28°♈59'58	
min. Earth dist.	-9945 Jun 26 j 12:16	24°♈38'50	0.65991 AU
inferior conj	-9945 Jun 28 j 00:06	22°♈47'34	-2°54'26
minimum elong	-9945 Jun 28 j 02:44	22°♈39'25	2°53'40
morning rise	-9945 Jul 03 j 18:27	16°♈58'55	
direct	-9945 Jul 06 j 23:31	15°♈59'51	
asc. node	-9945 Jul 08 j 17:13	16°♈16'32	
morning max el	-9945 Jul 13 j 20:31	19°♈52'31	18°57'06
	-9945 Jul 21 j 15:10	0°♉	
morning set	-9945 Aug 04 j 14:52	21°♉59'38	
	-9945 Aug 09 j 15:30	0°♊	
max. Earth dist.	-9945 Aug 20 j 02:21	16°♊33'04	1.44610 AU
superior conj	-9945 Aug 20 j 13:57	17°♊18'56	0°22'05
minimum elong	-9945 Aug 20 j 16:45	17°♊30'01	0°22'16
desc. node	-9945 Aug 24 j 06:07	23°♊07'54	
	-9945 Aug 28 j 13:51	0°♋	
evening rise	-9945 Sep 05 j 09:40	12°♋32'44	
	-9945 Sep 16 j 07:08	0°♌	
evening max el	-9945 Sep 26 j 07:29	13°♌40'45	18°50'03
retrograde	-9945 Oct 03 j 02:45	17°♌30'45	
asc. node	-9945 Oct 04 j 16:56	17°♌16'22	
evening set	-9945 Oct 06 j 03:44	16°♌38'17	
inferior conj	-9945 Oct 12 j 01:03	10°♌53'54	2°14'44
minimum elong	-9945 Oct 11 j 22:06	11°♌02'51	2°14'12
min. Earth dist.	-9945 Oct 13 j 16:28	8°♌54'29	0.65098 AU
morning rise	-9945 Oct 17 j 16:02	4°♌44'09	
direct	-9945 Oct 24 j 05:07	1°♌59'54	
morning max el	-9945 Nov 06 j 05:15	9°♌28'20	26°47'55
desc. node	-9945 Nov 20 j 06:22	26°♌43'22	
	-9945 Nov 22 j 12:45	0°♍	
	-9945 Dec 10 j 11:41	0°♎	
morning set	-9945 Dec 11 j 22:01	2°♎42'27	
max. Earth dist.	-9945 Dec 16 j 09:00	11°♎26'35	1.34771 AU
superior conj	-9945 Dec 20 j 08:50	19°♎36'36	-1°28'53
minimum elong	-9945 Dec 20 j 10:57	19°♎47'37	1°28'49
	-9945 Dec 25 j 07:45	0°♏	
evening rise	-9945 Dec 27 j 19:38	5°♏12'41	
asc. node	-9945 Dec 31 j 14:52	12°♏54'01	
	-9944 Jan 10 j 16:30	0°♐	
evening max el	-9944 Jan 16 j 18:40	7°♐05'41	21°18'22
retrograde	-9944 Jan 28 j 10:30	12°♐36'19	
evening set	-9944 Jan 31 j 05:05	12°♐18'41	
inferior conj	-9944 Feb 09 j 05:54	8°♐18'59	1°48'48
minimum elong	-9944 Feb 09 j 10:21	8°♐12'37	1°46'56
min. Earth dist.	-9944 Feb 09 j 20:46	7°♐57'46	0.55430 AU
desc. node	-9944 Feb 16 j 07:29	4°♐47'51	
morning rise	-9944 Feb 18 j 15:06	4°♐08'15	
direct	-9944 Feb 21 j 12:35	3°♐49'45	
morning max el	-9944 Mar 05 j 06:07	9°♐59'49	22°10'31
	-9944 Mar 19 j 12:16	0°♑	
morning set	-9944 Mar 26 j 13:55	13°♑52'11	
asc. node	-9944 Mar 28 j 13:33	18°♑01'17	
superior conj	-9944 Apr 02 j 21:15	29°♑15'45	0°49'39
minimum elong	-9944 Apr 02 j 19:11	29°♑04'51	0°48'45
	-9944 Apr 03 j 05:41	0°♒	
max. Earth dist.	-9944 Apr 05 j 23:58	5°♒43'47	1.34532 AU
evening rise	-9944 Apr 10 j 22:40	15°♒36'45	
	-9944 Apr 18 j 17:55	0°♓	
	-9944 May 08 j 17:52	0°♈	
desc. node	-9944 May 14 j 06:02	6°♈17'05	
evening max el	-9944 May 15 j 16:23	7°♈43'39	27°08'30
retrograde	-9944 May 29 j 00:47	15°♈13'18	
evening set	-9944 Jun 04 j 21:54	12°♈26'30	
min. Earth dist.	-9944 Jun 08 j 16:26	8°♈43'05	0.64835 AU
inferior conj	-9944 Jun 10 j 18:40	6°♈19'23	-3°21'52
minimum elong	-9944 Jun 10 j 20:52	6°♈13'06	3°21'32
morning rise	-9944 Jun 16 j 20:14	0°♈46'13	
	-9944 Jun 19 j 08:35	30°℞♓	
direct	-9944 Jun 19 j 19:09	29°♓58'57	
	-9944 Jun 20 j 05:43	0°♈	
asc. node	-9944 Jun 24 j 14:04	1°♈57'04	
morning max el	-9944 Jun 26 j 08:07	3°♈31'49	18°21'15
	-9944 Jul 13 j 23:13	0°♉	
morning set	-9944 Jul 15 j 08:38	2°♉19'01	
superior conj	-9944 Jul 29 j 15:41	25°♉38'48	1°05'14
minimum elong	-9944 Jul 29 j 22:10	26°♉04'41	1°05'01
	-9944 Aug 01 j 09:15	0°♊	
max. Earth dist.	-9944 Aug 01 j 19:29	0°♊40'41	1.44415 AU
desc. node	-9944 Aug 10 j 03:18	13°♊48'15	
evening rise	-9944 Aug 15 j 07:24	21°♊53'51	
	-9944 Aug 20 j 12:10	0°♋	
greatest brilliancy	-9944 Aug 26 j 10:03	9°♋06'58	-0.7m
evening max el	-9944 Sep 08 j 15:57	27°♋09'18	19°36'32
	-9944 Sep 11 j 23:54	0°♌	
retrograde	-9944 Sep 15 j 22:55	1°♌21'44	
evening set	-9944 Sep 19 j 08:21	0°♌14'47	
	-9944 Sep 19 j 16:55	30°℞♋	
asc. node	-9944 Sep 20 j 14:06	29°♋17'37	
inferior conj	-9944 Sep 24 j 22:58	24°♋18'04	1°23'31
minimum elong	-9944 Sep 24 j 21:04	24°♋24'13	1°23'21
min. Earth dist.	-9944 Sep 26 j 02:09	22°♋50'06	0.66080 AU
morning rise	-9944 Sep 30 j 09:31	18°♋01'38	
direct	-9944 Oct 06 j 09:12	15°♋28'00	
morning max el	-9944 Oct 18 j 15:14	22°♋40'11	25°44'59
	-9944 Oct 25 j 03:52	0°♌	
desc. node	-9944 Nov 06 j 03:07	16°♌22'28	
	-9944 Nov 14 j 19:39	0°♍	
morning set	-9944 Nov 23 j 17:59	15°♍29'48	
max. Earth dist.	-9944 Nov 27 j 16:46	22°♍51'57	1.36273 AU
	-9944 Dec 01 j 08:54	0°♎	
superior conj	-9944 Dec 03 j 04:18	3°♎36'15	-1°39'07
minimum elong	-9944 Dec 03 j 05:37	3°♎42'49	1°39'02
evening rise	-9944 Dec 11 j 01:51	19°♎42'04	
	-9944 Dec 16 j 07:20	0°♏	
asc. node	-9944 Dec 17 j 12:11	2°♏13'31	
evening max el	-9944 Dec 29 j 02:47	18°♏41'30	20°02'04
retrograde	-9943 Jan 08 j 04:30	23°♏25'42	
evening set	-9943 Jan 10 j 17:41	23°♏08'50	
inferior conj	-9943 Jan 19 j 07:25	19°♏06'56	3°15'34
minimum elong	-9943 Jan 19 j 12:58	18°♏58'22	3°13'57
min. Earth dist.	-9943 Jan 21 j 10:21	17°♏48'46	0.56111 AU
morning rise	-9943 Jan 28 j 06:19	14°♏33'42	
direct	-9943 Feb 01 j 06:55	13°♏57'48	
desc. node	-9943 Feb 02 j 04:23	13°♏59'37	
morning max el	-9943 Feb 14 j 23:49	20°♏47'12	23°47'10
	-9943 Feb 22 j 19:38	0°♐	
morning set	-9943 Mar 11 j 02:01	28°♐54'57	
	-9943 Mar 11 j 14:24	0°♑	
asc. node	-9943 Mar 15 j 10:35	8°♑11'52	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9943 Mar 18 j 03:56	14°♓03'20	0°26'22
minimum elong	-9943 Mar 18 j 02:49	13°♓57'21	0°25'34
max. Earth dist.	-9943 Mar 20 j 03:22	18°♓16'27	1.33609 AU
evening rise	-9943 Mar 25 j 17:39	29°♓50'09	
	-9943 Mar 25 j 19:38	0°♒	
	-9943 Apr 11 j 19:48	0°♓	
evening max el	-9943 Apr 28 j 02:18	20°♓41'10	27°26'25
desc. node	-9943 May 01 j 03:23	23°♓24'45	
retrograde	-9943 May 11 j 20:24	28°♓13'45	
evening set	-9943 May 18 j 20:32	25°♓39'02	
min. Earth dist.	-9943 May 22 j 11:46	22°♓26'50	0.63284 AU
inferior conj	-9943 May 25 j 04:29	19°♓39'56	-3°37'45
minimum elong	-9943 May 25 j 05:31	19°♓37'14	3°37'51
morning rise	-9943 May 31 j 15:29	14°♓24'40	
direct	-9943 Jun 03 j 09:36	13°♓47'23	
morning max el	-9943 Jun 09 j 22:01	17°♓10'37	18°03'08
asc. node	-9943 Jun 11 j 10:54	18°♓50'09	
	-9943 Jun 19 j 02:36	0°♈	
morning set	-9943 Jun 27 j 03:09	13°♈47'56	
	-9943 Jul 06 j 13:36	0°♉	
superior conj	-9943 Jul 09 j 12:33	4°♉56'08	1°34'53
minimum elong	-9943 Jul 09 j 17:42	5°♉17'27	1°34'48
max. Earth dist.	-9943 Jul 15 j 09:30	14°♉31'45	1.43534 AU
evening rise	-9943 Jul 25 j 10:16	0°♊23'08	
	-9943 Jul 25 j 04:19	0°♊	
desc. node	-9943 Jul 28 j 00:33	4°♊24'02	
	-9943 Aug 14 j 05:58	0°♋	
evening max el	-9943 Aug 22 j 18:30	10°♋35'46	20°37'48
retrograde	-9943 Aug 30 j 19:47	15°♋19'18	
evening set	-9943 Sep 03 j 15:55	13°♋54'48	
asc. node	-9943 Sep 07 j 11:12	9°♋56'32	
inferior conj	-9943 Sep 09 j 01:38	7°♋49'05	0°31'10
minimum elong	-9943 Sep 09 j 00:55	7°♋51'30	0°31'28
min. Earth dist.	-9943 Sep 09 j 17:45	6°♋54'35	0.66757 AU
morning rise	-9943 Sep 14 j 09:43	1°♋29'31	
	-9943 Sep 16 j 13:38	30°℞♊	
direct	-9943 Sep 19 j 18:47	29°♊12'06	
	-9943 Sep 23 j 06:10	0°♋	
morning max el	-9943 Oct 01 j 00:50	5°♋55'32	24°26'48
	-9943 Oct 19 j 17:24	0°♌	
desc. node	-9943 Oct 23 j 23:53	6°♌25'30	
morning set	-9943 Nov 05 j 17:40	27°♌13'30	
	-9943 Nov 07 j 07:46	0°♍	
max. Earth dist.	-9943 Nov 09 j 16:20	4°♍12'09	1.38119 AU
superior conj	-9943 Nov 16 j 12:45	16°♍58'27	-1°42'33
minimum elong	-9943 Nov 16 j 12:30	16°♍57'16	1°42'22
	-9943 Nov 23 j 04:09	0°♎	
evening rise	-9943 Nov 25 j 02:31	3°♎49'43	
asc. node	-9943 Dec 04 j 09:30	21°♎01'55	
	-9943 Dec 11 j 00:17	0°♏	
evening max el	-9943 Dec 11 j 21:10	0°♏52'12	19°04'17
retrograde	-9943 Dec 20 j 12:16	4°♏59'27	
evening set	-9943 Dec 23 j 00:18	4°♏40'10	
inferior conj	-9943 Dec 31 j 00:21	0°♏23'53	4°03'58
minimum elong	-9943 Dec 31 j 03:14	0°♏18'49	4°03'27
	-9943 Dec 31 j 13:56	30°℞♎	
min. Earth dist.	-9942 Jan 03 j 00:57	28°♎17'26	0.57496 AU
morning rise	-9942 Jan 08 j 03:57	25°♎25'01	
direct	-9942 Jan 13 j 12:55	24°♎17'02	
desc. node	-9942 Jan 20 j 01:14	25°♎55'36	
	-9942 Jan 25 j 23:38	0°♏	
morning max el	-9942 Jan 27 j 14:42	1°♏29'14	25°20'55
	-9942 Feb 16 j 13:20	0°♐	
morning set	-9942 Feb 23 j 14:25	14°♐00'12	
asc. node	-9942 Mar 02 j 07:39	28°♐27'49	

superior conj	-9942 Mar 02 j 14:01	29°♐02'26	0°02'37
minimum elong	-9942 Mar 02 j 13:55	29°♐01'56	0°02'01
behind sun begin	-9942 Mar 02 j 08:55	28°♐34'42	
behind sun end	-9942 Mar 02 j 18:56	29°♐29'09	
	-9942 Mar 03 j 00:37	0°♑	
max. Earth dist.	-9942 Mar 03 j 13:25	1°♑09'28	1.33030 AU
evening rise	-9942 Mar 09 j 20:08	14°♑27'10	
	-9942 Mar 17 j 21:35	0°♒	
	-9942 Apr 07 j 08:04	0°♓	
evening max el	-9942 Apr 10 j 09:02	3°♓08'33	27°12'28
desc. node	-9942 Apr 18 j 00:40	8°♓55'03	
retrograde	-9942 Apr 24 j 09:20	10°♓38'21	
evening set	-9942 May 01 j 03:29	8°♓29'23	
min. Earth dist.	-9942 May 04 j 21:59	5°♓36'22	0.61421 AU
inferior conj	-9942 May 08 j 02:18	2°♓42'27	-3°37'32
minimum elong	-9942 May 08 j 01:28	2°♓44'23	3°37'49
	-9942 May 11 j 05:53	30°℞♒	
morning rise	-9942 May 15 j 01:16	27°♒46'42	
direct	-9942 May 17 j 15:27	27°♒17'53	
	-9942 May 23 j 17:07	0°♓	
morning max el	-9942 May 24 j 11:36	0°♓42'34	18°03'28
asc. node	-9942 May 29 j 07:43	6°♓40'24	
morning set	-9942 Jun 09 j 18:09	26°♓16'28	
	-9942 Jun 11 j 19:13	0°♈	
superior conj	-9942 Jun 20 j 12:31	15°♈33'39	1°48'25
minimum elong	-9942 Jun 20 j 14:08	15°♈40'41	1°48'28
max. Earth dist.	-9942 Jun 27 j 18:05	27°♈50'07	1.42104 AU
	-9942 Jun 29 j 01:35	0°♉	
evening rise	-9942 Jul 04 j 14:49	8°♉57'43	
desc. node	-9942 Jul 14 j 21:51	24°♉51'14	
	-9942 Jul 18 j 08:56	0°♊	
evening max el	-9942 Aug 05 j 14:15	23°♊58'49	21°51'03
retrograde	-9942 Aug 14 j 15:27	29°♊20'14	
evening set	-9942 Aug 19 j 00:20	27°♊35'44	
inferior conj	-9942 Aug 24 j 07:00	21°♊24'02	-0°20'24
minimum elong	-9942 Aug 24 j 07:26	21°♊22'33	0°19'39
min. Earth dist.	-9942 Aug 24 j 12:42	21°♊04'21	0.67149 AU
asc. node	-9942 Aug 25 j 08:13	19°♊57'25	
morning rise	-9942 Aug 29 j 14:23	15°♊05'09	
direct	-9942 Sep 03 j 09:13	13°♊06'27	
morning max el	-9942 Sep 13 j 11:32	19°♊10'40	23°02'24
	-9942 Sep 22 j 12:29	0°♋	
desc. node	-9942 Oct 10 j 20:41	26°♋44'43	
	-9942 Oct 12 j 22:10	0°♌	
morning set	-9942 Oct 17 j 15:40	7°♌39'30	
max. Earth dist.	-9942 Oct 22 j 14:15	15°♌58'06	1.40124 AU
superior conj	-9942 Oct 30 j 05:30	29°♌29'39	-1°36'52
minimum elong	-9942 Oct 30 j 03:04	29°♌18'36	1°36'23
	-9942 Oct 30 j 12:08	0°♍	
evening rise	-9942 Nov 08 j 18:53	17°♍27'51	
	-9942 Nov 15 j 12:50	0°♎	
asc. node	-9942 Nov 21 j 06:48	9°♎08'11	
evening max el	-9942 Nov 25 j 00:23	13°♎32'19	18°26'36
retrograde	-9942 Dec 02 j 13:48	17°♎15'58	
evening set	-9942 Dec 05 j 02:03	16°♎52'35	
inferior conj	-9942 Dec 12 j 12:37	12°♎15'39	4°15'24
minimum elong	-9942 Dec 12 j 12:00	12°♎16'53	4°15'20
min. Earth dist.	-9942 Dec 15 j 18:46	9°♎38'31	0.59285 AU
morning rise	-9942 Dec 19 j 20:12	6°♎55'26	
direct	-9942 Dec 26 j 06:48	5°♎08'42	
desc. node	-9941 Jan 06 j 21:59	10°♎19'51	
morning max el	-9941 Jan 09 j 08:42	12°♎31'33	26°37'07
	-9941 Jan 23 j 03:54	0°♏	
morning set	-9941 Feb 08 j 01:24	29°♏00'57	
	-9941 Feb 08 j 12:41	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9941 Feb 15 j 01:39	14°♐06'08	-0°20'48
minimum elong	-9941 Feb 15 j 02:32	14°♐10'55	0°21'10
max. Earth dist.	-9941 Feb 15 j 02:44	14°♐11'59	1.32776 AU
asc. node	-9941 Feb 17 j 04:46	18°♐44'55	
evening rise	-9941 Feb 22 j 03:32	29°♐18'40	
	-9941 Feb 22 j 11:30	0°♑	
	-9941 Mar 11 j 06:42	0°♒	
evening max el	-9941 Mar 23 j 10:44	14°♒59'05	26°26'10
desc. node	-9941 Apr 04 j 21:53	22°♒13'56	
retrograde	-9941 Apr 06 j 13:47	22°♒20'52	
evening set	-9941 Apr 12 j 15:43	20°♒46'51	
min. Earth dist.	-9941 Apr 17 j 00:05	17°♒58'11	0.59420 AU
inferior conj	-9941 Apr 20 j 08:35	15°♒18'51	-3°14'56
minimum elong	-9941 Apr 20 j 05:35	15°♒24'51	3°14'58
morning rise	-9941 Apr 27 j 22:08	10°♒43'12	
direct	-9941 Apr 30 j 08:45	10°♒21'32	
morning max el	-9941 May 07 j 22:05	14°♒00'08	18°22'56
asc. node	-9941 May 16 j 04:32	25°♒15'07	
	-9941 May 18 j 21:43	0°♓	
morning set	-9941 May 24 j 00:52	9°♓33'44	
superior conj	-9941 Jun 02 j 13:24	27°♓26'39	1°48'28
minimum elong	-9941 Jun 02 j 12:10	27°♓21'00	1°48'20
	-9941 Jun 03 j 23:07	0°♈	
max. Earth dist.	-9941 Jun 09 j 21:20	10°♈27'59	1.40327 AU
evening rise	-9941 Jun 14 j 16:45	18°♈35'15	
	-9941 Jun 21 j 18:54	0°♉	
desc. node	-9941 Jul 01 j 19:14	15°♉05'25	
	-9941 Jul 12 j 18:04	0°♊	
evening max el	-9941 Jul 19 j 04:07	7°♊20'16	23°11'38
retrograde	-9941 Jul 29 j 08:30	13°♊22'29	
evening set	-9941 Aug 03 j 07:46	11°♊16'47	
inferior conj	-9941 Aug 08 j 13:19	5°♊01'52	-1°09'31
minimum elong	-9941 Aug 08 j 14:45	4°♊56'56	1°08'29
min. Earth dist.	-9941 Aug 08 j 08:34	5°♊18'14	0.67251 AU
asc. node	-9941 Aug 12 j 05:10	0°♊22'19	
	-9941 Aug 12 j 13:40	30°℞♉	
morning rise	-9941 Aug 13 j 21:39	28°♉47'19	
direct	-9941 Aug 18 j 03:28	27°♉07'35	
	-9941 Aug 24 j 10:25	0°♊	
morning max el	-9941 Aug 27 j 02:17	2°♊28'43	21°40'09
	-9941 Sep 16 j 12:48	0°♋	
morning set	-9941 Sep 27 j 11:12	16°♋50'04	
desc. node	-9941 Sep 27 j 17:34	17°♋15'18	
max. Earth dist.	-9941 Oct 04 j 17:16	28°♋33'11	1.42009 AU
	-9941 Oct 05 j 14:15	0°♌	
superior conj	-9941 Oct 12 j 01:00	10°♌55'53	-1°19'24
minimum elong	-9941 Oct 11 j 20:32	10°♌36'34	1°18'30
evening rise	-9941 Oct 22 j 23:37	0°♍29'16	
	-9941 Oct 22 j 17:12	0°♍	
asc. node	-9941 Nov 08 j 04:04	26°♍19'52	
evening max el	-9941 Nov 08 j 09:51	26°♍34'28	18°08'57
	-9941 Nov 14 j 01:02	0°♎	
retrograde	-9941 Nov 15 j 07:36	0°♎07'23	
	-9941 Nov 16 j 14:27	30°℞♍	
evening set	-9941 Nov 17 j 21:03	29°♍38'34	
inferior conj	-9941 Nov 24 j 19:15	24°♍39'41	3°59'39
minimum elong	-9941 Nov 24 j 16:21	24°♍46'25	3°59'23
min. Earth dist.	-9941 Nov 27 j 19:15	21°♍53'15	0.61167 AU
morning rise	-9941 Dec 01 j 10:28	19°♍01'47	
direct	-9941 Dec 08 j 10:14	16°♍42'13	
morning max el	-9941 Dec 22 j 08:59	24°♍11'11	27°23'52
desc. node	-9941 Dec 24 j 18:42	26°♍38'35	
	-9941 Dec 27 j 17:31	0°♎	
	-9940 Jan 16 j 07:17	0°♏	
morning set	-9940 Jan 23 j 09:01	13°♏50'06	
max. Earth dist.	-9940 Jan 29 j 15:38	27°♏10'38	1.32849 AU
superior conj	-9940 Jan 30 j 13:14	29°♏08'10	-0°43'02
minimum elong	-9940 Jan 30 j 14:54	29°♏17'16	0°43'11
	-9940 Jan 30 j 22:44	0°♐	
asc. node	-9940 Feb 04 j 01:56	8°♐58'42	
evening rise	-9940 Feb 06 j 13:47	14°♐16'51	
	-9940 Feb 14 j 13:43	0°♑	
evening max el	-9940 Mar 04 j 06:52	26°♑13'25	25°12'28
	-9940 Mar 08 j 21:16	0°♒	
retrograde	-9940 Mar 18 j 07:26	3°♒20'19	
desc. node	-9940 Mar 21 j 19:02	2°♒51'50	
evening set	-9940 Mar 23 j 08:37	2°♒21'03	
	-9940 Mar 27 j 21:08	30°℞♑	
min. Earth dist.	-9940 Mar 28 j 19:58	29°♑23'02	0.57549 AU
inferior conj	-9940 Mar 31 j 19:58	27°♑19'49	-2°22'58
minimum elong	-9940 Mar 31 j 15:51	27°♑26'55	2°22'32
morning rise	-9940 Apr 09 j 02:17	23°♑03'08	
direct	-9940 Apr 11 j 09:31	22°♑47'06	
morning max el	-9940 Apr 20 j 02:34	26°♑53'54	19°02'07
	-9940 Apr 22 j 23:02	0°♒	
asc. node	-9940 May 02 j 01:23	14°♒23'28	
morning set	-9940 May 06 j 19:03	23°♒28'47	
	-9940 May 10 j 02:27	0°♓	
superior conj	-9940 May 15 j 09:45	10°♓20'15	1°38'47
minimum elong	-9940 May 15 j 07:04	10°♓07'24	1°38'20
max. Earth dist.	-9940 May 21 j 21:58	22°♓28'27	1.38442 AU
evening rise	-9940 May 25 j 22:05	29°♓34'30	
	-9940 May 26 j 03:58	0°♈	
	-9940 Jun 14 j 03:11	0°♉	
desc. node	-9940 Jun 17 j 16:38	4°♉59'54	
evening max el	-9940 Jun 30 j 14:32	20°♉42'00	24°33'02
retrograde	-9940 Jul 11 j 22:02	27°♉21'59	
evening set	-9940 Jul 17 j 12:18	24°♉56'19	
min. Earth dist.	-9940 Jul 22 j 02:56	19°♉34'07	0.67038 AU
inferior conj	-9940 Jul 22 j 18:51	18°♉40'31	-1°54'46
minimum elong	-9940 Jul 22 j 21:02	18°♉33'09	1°53'39
morning rise	-9940 Jul 28 j 05:44	12°♉33'46	
asc. node	-9940 Jul 29 j 02:04	12°♉00'53	
direct	-9940 Aug 01 j 00:20	11°♉11'42	
morning max el	-9940 Aug 08 j 23:20	15°♉52'52	20°26'23
	-9940 Aug 19 j 21:17	0°♊	
morning set	-9940 Sep 05 j 14:18	25°♊17'18	
	-9940 Sep 08 j 14:46	0°♋	
desc. node	-9940 Sep 13 j 14:34	7°♋53'00	
max. Earth dist.	-9940 Sep 16 j 03:14	11°♋55'39	1.43495 AU
superior conj	-9940 Sep 21 j 17:54	21°♋03'42	-0°48'16
minimum elong	-9940 Sep 21 j 13:26	20°♋45'17	0°47'11
	-9940 Sep 27 j 02:22	0°♌	
evening rise	-9940 Oct 04 j 12:17	12°♌43'54	
	-9940 Oct 14 j 15:47	0°♍	
evening max el	-9940 Oct 21 j 22:39	9°♍51'30	18°10'38
asc. node	-9940 Oct 25 j 01:17	12°♍21'59	
retrograde	-9940 Oct 28 j 13:41	13°♍24'18	
evening set	-9940 Oct 31 j 05:51	12°♍48'24	
inferior conj	-9940 Nov 06 j 17:08	7°♍29'27	3°26'26
minimum elong	-9940 Nov 06 j 13:27	7°♍39'07	3°25'52
min. Earth dist.	-9940 Nov 09 j 05:20	4°♍52'03	0.62903 AU
morning rise	-9940 Nov 12 j 20:13	1°♍36'36	
	-9940 Nov 15 j 10:45	30°℞♌	
direct	-9940 Nov 19 j 21:45	28°♌56'51	
	-9940 Nov 24 j 15:25	0°♍	
morning max el	-9940 Dec 03 j 15:12	6°♍30'32	27°35'48
desc. node	-9940 Dec 10 j 15:25	14°♍20'25	
	-9940 Dec 21 j 16:28	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-9939 Jan 06	j 11:03	28°♎19'50	
	-9939 Jan 07	j 06:51	0°♏	
max. Earth dist.	-9939 Jan 12	j 00:21	9°♏52'11	1.33275 AU
superior conj	-9939 Jan 13	j 23:05	14°♏02'36	-1°03'18
minimum elong	-9939 Jan 14	j 01:16	14°♏14'21	1°03'18
asc. node	-9939 Jan 20	j 23:10	29°♏04'52	
evening rise	-9939 Jan 21	j 01:08	29°♏15'15	
	-9939 Jan 21	j 09:41	0°♐	
	-9939 Feb 07	j 16:54	0°♑	
evening max el	-9939 Feb 13	j 23:57	7°♑06'09	23°42'10
retrograde	-9939 Feb 27	j 13:01	13°♑46'33	
evening set	-9939 Mar 03	j 10:58	13°♑12'45	
desc. node	-9939 Mar 08	j 16:05	10°♑57'31	
min. Earth dist.	-9939 Mar 10	j 12:26	9°♑53'27	0.56123 AU
inferior conj	-9939 Mar 12	j 11:43	8°♑41'49	-0°58'48
minimum elong	-9939 Mar 12	j 09:20	8°♑45'26	0°58'38
morning rise	-9939 Mar 21	j 10:23	4°♑38'14	
direct	-9939 Mar 23	j 15:57	4°♑25'30	
morning max el	-9939 Apr 02	j 22:18	9°♑15'10	20°01'07
	-9939 Apr 16	j 21:29	0°♒	
asc. node	-9939 Apr 18	j 22:19	3°♒57'36	
morning set	-9939 Apr 20	j 21:24	7°♒52'54	
superior conj	-9939 Apr 28	j 20:24	24°♒00'28	1°22'38
minimum elong	-9939 Apr 28	j 17:26	23°♒45'38	1°21'53
	-9939 May 01	j 21:17	0°♓	
max. Earth dist.	-9939 May 04	j 01:25	4°♓11'03	1.36687 AU
evening rise	-9939 May 08	j 03:37	11°♓48'40	
	-9939 May 18	j 17:57	0°♈	
desc. node	-9939 Jun 04	j 14:01	24°♈26'22	
	-9939 Jun 09	j 04:24	0°♉	
evening max el	-9939 Jun 13	j 00:15	4°♉05'13	25°47'08
retrograde	-9939 Jun 25	j 07:23	11°♉14'08	
evening set	-9939 Jul 01	j 11:55	8°♉33'08	
min. Earth dist.	-9939 Jul 05	j 17:31	3°♉49'39	0.66479 AU
inferior conj	-9939 Jul 06	j 21:47	2°♉18'43	-2°34'39
minimum elong	-9939 Jul 07	j 00:23	2°♉10'21	2°33'41
	-9939 Jul 08	j 18:02	30°♈R	
morning rise	-9939 Jul 12	j 12:54	26°♈22'45	
direct	-9939 Jul 15	j 22:15	25°♈16'09	
asc. node	-9939 Jul 15	j 22:58	25°♈16'09	
morning max el	-9939 Jul 23	j 03:03	29°♈24'18	19°25'19
	-9939 Jul 23	j 16:36	0°♉	
	-9939 Aug 13	j 08:27	0°♊	
morning set	-9939 Aug 15	j 20:49	3°♊56'52	
max. Earth dist.	-9939 Aug 29	j 17:56	25°♊48'30	1.44393 AU
desc. node	-9939 Aug 31	j 11:38	28°♊34'04	
superior conj	-9939 Sep 01	j 08:00	29°♊55'06	-0°05'10
minimum elong	-9939 Sep 01	j 07:26	29°♊52'53	0°04'32
behind sun begin	-9939 Aug 31	j 20:36	29°♊09'45	
behind sun end	-9939 Sep 01	j 18:16	0°♋36'03	
	-9939 Sep 01	j 09:13	0°♋	
evening rise	-9939 Sep 16	j 03:28	23°♋58'12	
	-9939 Sep 19	j 18:52	0°♌	
evening max el	-9939 Oct 05	j 11:53	23°♌16'36	18°30'42
asc. node	-9939 Oct 11	j 22:31	26°♌57'57	
retrograde	-9939 Oct 12	j 03:46	26°♌58'13	
evening set	-9939 Oct 15	j 00:47	26°♌12'47	
inferior conj	-9939 Oct 21	j 02:43	20°♌36'49	2°42'45
minimum elong	-9939 Oct 20	j 23:19	20°♌46'41	2°42'07
min. Earth dist.	-9939 Oct 23	j 01:40	18°♌21'05	0.64378 AU
morning rise	-9939 Oct 26	j 21:16	14°♌32'06	
direct	-9939 Nov 02	j 16:25	11°♌45'49	
morning max el	-9939 Nov 16	j 00:39	19°♌19'32	27°13'51
	-9939 Nov 25	j 06:11	0°♍	
desc. node	-9939 Nov 27	j 12:09	3°♍00'25	
	-9939 Dec 14	j 14:19	0°♎	
morning set	-9939 Dec 21	j 04:32	12°♎19'20	
max. Earth dist.	-9939 Dec 26	j 00:54	22°♎03'23	1.34098 AU
superior conj	-9939 Dec 29	j 05:14	28°♎41'47	-1°20'40
minimum elong	-9939 Dec 29	j 07:32	28°♎53'53	1°20'37
	-9939 Dec 29	j 20:03	0°♏	
evening rise	-9938 Jan 05	j 11:52	14°♏06'36	
asc. node	-9938 Jan 07	j 20:26	18°♏57'32	
	-9938 Jan 13	j 15:31	0°♐	
evening max el	-9938 Jan 26	j 19:11	18°♐00'26	22°08'45
retrograde	-9938 Feb 08	j 07:29	23°♐59'22	
evening set	-9938 Feb 11	j 08:35	23°♐38'52	
min. Earth dist.	-9938 Feb 20	j 03:29	19°♐44'57	0.55429 AU
inferior conj	-9938 Feb 20	j 12:31	19°♐32'04	0°47'31
minimum elong	-9938 Feb 20	j 14:35	19°♐29'07	0°46'18
desc. node	-9938 Feb 23	j 13:06	17°♐51'31	
morning rise	-9938 Mar 01	j 21:18	15°♐28'17	
direct	-9938 Mar 04	j 08:46	15°♐14'16	
morning max el	-9938 Mar 16	j 07:11	20°♐56'10	21°18'49
	-9938 Mar 23	j 18:08	0°♑	
morning set	-9938 Apr 05	j 05:14	22°♑37'35	
asc. node	-9938 Apr 05	j 19:18	23°♑50'07	
	-9938 Apr 08	j 18:19	0°♒	
superior conj	-9938 Apr 12	j 17:12	8°♒14'20	1°02'26
minimum elong	-9938 Apr 12	j 14:41	8°♒01'16	1°01'32
max. Earth dist.	-9938 Apr 16	j 13:10	16°♒02'27	1.35218 AU
evening rise	-9938 Apr 21	j 03:35	25°♒01'17	
	-9938 Apr 23	j 19:31	0°♓	
	-9938 May 12	j 05:16	0°♈	
desc. node	-9938 May 22	j 11:23	13°♈13'17	
evening max el	-9938 May 26	j 10:50	17°♈26'48	26°45'24
retrograde	-9938 Jun 08	j 12:01	24°♈52'37	
evening set	-9938 Jun 15	j 04:13	22°♈04'45	
min. Earth dist.	-9938 Jun 19	j 02:10	18°♈00'06	0.65542 AU
inferior conj	-9938 Jun 20	j 20:05	15°♈54'01	-3°07'20
minimum elong	-9938 Jun 20	j 22:36	15°♈46'25	3°06'43
morning rise	-9938 Jun 26	j 17:15	10°♈11'42	
direct	-9938 Jun 29	j 19:23	9°♈18'05	
asc. node	-9938 Jul 02	j 19:52	10°♈07'09	
morning max el	-9938 Jul 06	j 12:18	13°♈01'32	18°39'44
	-9938 Jul 18	j 14:31	0°♉	
morning set	-9938 Jul 26	j 23:46	13°♉34'23	
	-9938 Aug 06	j 04:49	0°♊	
superior conj	-9938 Aug 11	j 07:52	8°♊08'29	0°41'33
minimum elong	-9938 Aug 11	j 12:48	8°♊27'59	0°41'29
max. Earth dist.	-9938 Aug 12	j 10:33	9°♊54'03	1.44606 AU
desc. node	-9938 Aug 18	j 08:46	19°♊15'37	
	-9938 Aug 25	j 03:45	0°♋	
evening rise	-9938 Aug 27	j 16:25	4°♋00'30	
	-9938 Sep 13	j 11:59	0°♌	
evening max el	-9938 Sep 18	j 22:51	6°♌45'17	19°07'58
retrograde	-9938 Sep 25	j 22:26	10°♌43'59	
asc. node	-9938 Sep 28	j 19:42	9°♌55'59	
evening set	-9938 Sep 29	j 02:38	9°♌45'56	
inferior conj	-9938 Oct 04	j 20:55	3°♌56'07	1°53'19
minimum elong	-9938 Oct 04	j 18:22	4°♌04'03	1°52'55
min. Earth dist.	-9938 Oct 06	j 07:05	2°♌09'21	0.65549 AU
	-9938 Oct 08	j 02:44	30°♋R	
morning rise	-9938 Oct 10	j 09:42	27°♋42'58	
direct	-9938 Oct 16	j 17:26	25°♋01'57	
	-9938 Oct 26	j 20:08	0°♌	
morning max el	-9938 Oct 29	j 10:43	2°♌25'41	26°23'34
desc. node	-9938 Nov 14	j 08:53	22°♌21'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9938 Nov 19 j 10:44	0°♍	
morning set	-9938 Dec 04 j 09:42	25°♍36'57	
	-9938 Dec 06 j 17:04	0°♎	
max. Earth dist.	-9938 Dec 08 j 14:33	3°♎41'15	1.35357 AU
superior conj	-9938 Dec 13 j 05:27	12°♎58'28	-1°33'56
minimum elong	-9938 Dec 13 j 07:18	13°♎08'00	1°33'52
evening rise	-9938 Dec 20 j 20:15	28°♎45'29	
	-9938 Dec 21 j 10:47	0°♏	
asc. node	-9938 Dec 25 j 17:43	8°♏30'56	
evening max el	-9937 Jan 08 j 21:52	29°♏18'10	20°43'54
	-9937 Jan 09 j 16:20	0°♐	
retrograde	-9937 Jan 19 j 21:40	4°♐27'57	
evening set	-9937 Jan 22 j 13:01	4°♐11'18	
inferior conj	-9937 Jan 31 j 09:50	0°♐13'00	2°29'38
minimum elong	-9937 Jan 31 j 15:19	0°♐05'00	2°27'40
	-9937 Jan 31 j 18:44	30°℞♏	
min. Earth dist.	-9937 Feb 01 j 17:36	29°♏26'40	0.55623 AU
morning rise	-9937 Feb 09 j 16:12	25°♏53'21	
desc. node	-9937 Feb 10 j 10:04	25°♏43'48	
direct	-9937 Feb 12 j 23:54	25°♏29'05	
	-9937 Feb 23 j 23:24	0°♐	
morning max el	-9937 Feb 26 j 05:19	1°♐58'32	22°50'56
	-9937 Mar 16 j 22:41	0°♑	
morning set	-9937 Mar 20 j 16:18	7°♑35'28	
asc. node	-9937 Mar 23 j 16:17	13°♑55'20	
superior conj	-9937 Mar 27 j 20:59	22°♑51'48	0°39'54
minimum elong	-9937 Mar 27 j 19:17	22°♑42'52	0°39'01
max. Earth dist.	-9937 Mar 30 j 11:20	28°♑19'49	1.34100 AU
	-9937 Mar 31 j 06:38	0°♒	
evening rise	-9937 Apr 04 j 16:50	8°♒56'27	
	-9937 Apr 16 j 06:57	0°♓	
	-9937 May 08 j 06:39	0°♈	
evening max el	-9937 May 08 j 21:46	0°♈37'20	27°19'55
desc. node	-9937 May 09 j 08:45	1°♈03'46	
retrograde	-9937 May 22 j 11:05	8°♈09'05	
evening set	-9937 May 29 j 10:13	5°♈26'02	
min. Earth dist.	-9937 Jun 02 j 02:53	1°♈56'42	0.64215 AU
	-9937 Jun 03 j 21:28	30°℞♓	
inferior conj	-9937 Jun 04 j 11:17	29°♓21'46	-3°30'19
minimum elong	-9937 Jun 04 j 13:05	29°♓16'48	3°30'10
morning rise	-9937 Jun 10 j 16:33	23°♓55'40	
direct	-9937 Jun 13 j 13:14	23°♓12'52	
asc. node	-9937 Jun 19 j 16:43	26°♓20'06	
morning max el	-9937 Jun 20 j 01:06	26°♓40'41	18°11'16
	-9937 Jun 22 j 22:06	0°♈	
morning set	-9937 Jul 08 j 04:26	24°♈23'59	
	-9937 Jul 11 j 11:58	0°♉	
superior conj	-9937 Jul 21 j 15:45	16°♉46'46	1°19'49
minimum elong	-9937 Jul 21 j 22:12	17°♉12'50	1°19'36
max. Earth dist.	-9937 Jul 26 j 02:31	23°♉55'48	1.44117 AU
	-9937 Jul 29 j 22:19	0°♊	
desc. node	-9937 Aug 05 j 05:58	9°♊54'13	
evening rise	-9937 Aug 07 j 04:12	12°♊53'59	
	-9937 Aug 18 j 07:29	0°♋	
greatest brilliancy	-9937 Aug 20 j 01:55	2°♋39'29	-0.7m
evening max el	-9937 Sep 02 j 05:04	20°♋13'11	20°01'01
retrograde	-9937 Sep 09 j 18:59	24°♋37'27	
evening set	-9937 Sep 13 j 08:44	23°♋23'26	
asc. node	-9937 Sep 15 j 16:50	21°♋17'54	
inferior conj	-9937 Sep 18 j 21:04	17°♋22'48	1°01'19
minimum elong	-9937 Sep 18 j 19:39	17°♋27'26	1°01'20
min. Earth dist.	-9937 Sep 19 j 19:28	16°♋08'46	0.66408 AU
morning rise	-9937 Sep 24 j 06:20	11°♋04'45	
direct	-9937 Sep 30 j 00:00	8°♋37'17	

morning max el	-9937 Oct 11 j 20:10	15°♋38'18	25°12'59
	-9937 Oct 23 j 17:59	0°♌	
desc. node	-9937 Nov 01 j 05:37	12°♌11'32	
	-9937 Nov 12 j 07:58	0°♍	
morning set	-9937 Nov 16 j 21:39	7°♍58'14	
max. Earth dist.	-9937 Nov 20 j 17:52	14°♍58'55	1.37025 AU
superior conj	-9937 Nov 26 j 20:41	26°♍43'19	-1°41'32
minimum elong	-9937 Nov 26 j 21:26	26°♍46'58	1°41'26
	-9937 Nov 28 j 12:21	0°♎	
evening rise	-9937 Dec 05 j 00:20	13°♎05'52	
asc. node	-9937 Dec 12 j 15:00	27°♎37'55	
	-9937 Dec 14 j 00:21	0°♏	
evening max el	-9937 Dec 22 j 10:29	11°♏09'10	19°35'07
retrograde	-9937 Dec 31 j 20:14	15°♏35'36	
evening set	-9936 Jan 03 j 08:54	15°♏17'50	
inferior conj	-9936 Jan 11 j 16:55	11°♏11'03	3°41'01
minimum elong	-9936 Jan 11 j 21:39	11°♏03'23	3°39'53
min. Earth dist.	-9936 Jan 14 j 07:11	9°♏30'50	0.56634 AU
morning rise	-9936 Jan 20 j 08:14	6°♏27'03	
direct	-9936 Jan 24 j 23:05	5°♏38'53	
desc. node	-9936 Jan 28 j 06:57	6°♏04'27	
morning max el	-9936 Feb 07 j 20:45	12°♏39'24	24°28'13
	-9936 Feb 21 j 03:55	0°♐	
morning set	-9936 Mar 04 j 04:45	22°♐40'24	
	-9936 Mar 07 j 15:16	0°♑	
asc. node	-9936 Mar 09 j 13:19	4°♑08'48	
superior conj	-9936 Mar 11 j 05:20	7°♑45'15	0°16'18
minimum elong	-9936 Mar 11 j 04:39	7°♑41'35	0°15'35
behind sun begin	-9936 Mar 11 j 03:55	7°♑37'37	
behind sun end	-9936 Mar 11 j 05:23	7°♑45'33	
max. Earth dist.	-9936 Mar 12 j 18:13	11°♑03'47	1.33328 AU
evening rise	-9936 Mar 18 j 15:24	23°♑21'40	
	-9936 Mar 21 j 24:00	0°♒	
	-9936 Apr 09 j 01:11	0°♓	
evening max el	-9936 Apr 20 j 06:53	13°♓24'29	27°24'34
desc. node	-9936 Apr 25 j 06:05	17°♓34'31	
retrograde	-9936 May 04 j 03:45	20°♓55'30	
evening set	-9936 May 11 j 02:36	18°♓30'30	
min. Earth dist.	-9936 May 14 j 18:21	15°♓28'02	0.62527 AU
inferior conj	-9936 May 17 j 16:27	12°♓36'11	-3°39'59
minimum elong	-9936 May 17 j 16:47	12°♓35'23	3°40'13
morning rise	-9936 May 24 j 08:12	7°♓28'47	
direct	-9936 May 27 j 00:41	6°♓55'06	
morning max el	-9936 Jun 02 j 15:09	10°♓17'21	18°00'56
asc. node	-9936 Jun 05 j 13:31	13°♓39'21	
	-9936 Jun 15 j 18:32	0°♈	
morning set	-9936 Jun 19 j 08:20	6°♈20'17	
superior conj	-9936 Jun 30 j 23:57	26°♈37'22	1°42'30
minimum elong	-9936 Jul 01 j 03:39	26°♈53'00	1°42'31
	-9936 Jul 03 j 00:11	0°♉	
max. Earth dist.	-9936 Jul 07 j 14:58	7°♉36'42	1.42992 AU
evening rise	-9936 Jul 16 j 05:00	21°♉17'52	
	-9936 Jul 21 j 20:12	0°♊	
desc. node	-9936 Jul 22 j 03:13	0°♊26'47	
	-9936 Aug 11 j 22:42	0°♋	
evening max el	-9936 Aug 15 j 04:48	3°♋38'10	21°07'41
retrograde	-9936 Aug 23 j 15:25	8°♋36'35	
evening set	-9936 Aug 27 j 16:52	7°♋03'37	
asc. node	-9936 Sep 01 j 13:54	1°♋33'09	
inferior conj	-9936 Sep 02 j 01:04	0°♋55'03	0°09'04
minimum elong	-9936 Sep 02 j 00:51	0°♋55'48	0°09'34
transit middle	-9936 Sep 02 j 00:51	0°♋55'48	0°09'34
transit begin	-9936 Sep 01 j 22:38	1°♋03'20	
transit end	-9936 Sep 02 j 03:03	0°♋48'15	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

min. Earth dist.	-9936 Sep 02 j 12:39	0°♋15'26	0.66967 AU
	-9936 Sep 02 j 17:11	30°℞♊	
morning rise	-9936 Sep 07 j 08:40	24°♊35'36	
direct	-9936 Sep 12 j 11:37	22°♊26'07	
morning max el	-9936 Sep 23 j 05:53	28°♊52'58	23°51'06
	-9936 Sep 24 j 07:40	0°♋	
	-9936 Oct 16 j 13:33	0°♌	
desc. node	-9936 Oct 18 j 02:22	2°♌21'47	
morning set	-9936 Oct 28 j 10:50	19°♌09'02	
max. Earth dist.	-9936 Nov 01 j 16:09	26°♌27'22	1.38972 AU
	-9936 Nov 03 j 15:55	0°♍	
superior conj	-9936 Nov 08 j 23:03	9°♍44'59	-1°41'26
minimum elong	-9936 Nov 08 j 21:56	9°♍39'44	1°41'08
evening rise	-9936 Nov 17 j 21:48	27°♍01'30	
	-9936 Nov 19 j 10:34	0°♎	
asc. node	-9936 Nov 28 j 12:18	16°♎09'22	
evening max el	-9936 Dec 04 j 08:47	23°♎32'21	18°45'45
retrograde	-9936 Dec 12 j 11:42	27°♎28'11	
evening set	-9936 Dec 14 j 23:45	27°♎07'14	
inferior conj	-9936 Dec 22 j 17:53	22°♎42'10	4°12'53
minimum elong	-9936 Dec 22 j 19:13	22°♎39'41	4°12'40
min. Earth dist.	-9936 Dec 25 j 22:27	20°♎20'29	0.58222 AU
morning rise	-9936 Dec 30 j 12:42	17°♎33'51	
direct	-9935 Jan 05 j 09:46	16°♎09'46	
desc. node	-9935 Jan 14 j 03:45	19°♎06'57	
morning max el	-9935 Jan 19 j 12:20	23°♎26'48	25°56'30
	-9935 Jan 25 j 10:30	0°♏	
	-9935 Feb 12 j 21:40	0°♐	
morning set	-9935 Feb 16 j 16:47	7°♐44'46	
superior conj	-9935 Feb 23 j 16:16	22°♐46'56	-0°07'26
minimum elong	-9935 Feb 23 j 16:36	22°♐48'46	0°07'56
behind sun begin	-9935 Feb 23 j 12:14	22°♐24'59	
behind sun end	-9935 Feb 23 j 20:58	23°♐12'33	
asc. node	-9935 Feb 24 j 10:23	24°♐25'39	
max. Earth dist.	-9935 Feb 24 j 06:17	24°♐03'21	1.32883 AU
	-9935 Feb 27 j 00:08	0°♑	
evening rise	-9935 Mar 02 j 20:14	8°♑05'44	
	-9935 Mar 14 j 11:33	0°♒	
evening max el	-9935 Apr 02 j 11:33	25°♒36'18	26°56'29
	-9935 Apr 07 j 20:26	0°♓	
desc. node	-9935 Apr 12 j 03:22	2°♓13'34	
retrograde	-9935 Apr 16 j 13:03	3°♓03'01	
evening set	-9935 Apr 23 j 01:51	1°♓07'58	
	-9935 Apr 24 j 20:03	30°℞♒	
min. Earth dist.	-9935 Apr 27 j 00:37	28°♒18'59	0.60582 AU
inferior conj	-9935 Apr 30 j 08:05	25°♒28'26	-3°31'06
minimum elong	-9935 Apr 30 j 06:19	25°♒32'17	3°31'20
morning rise	-9935 May 07 j 12:57	20°♒41'24	
direct	-9935 May 10 j 01:45	20°♒15'42	
morning max el	-9935 May 17 j 03:46	23°♒44'11	18°09'24
	-9935 May 22 j 05:26	0°♓	
asc. node	-9935 May 23 j 10:19	1°♓49'41	
morning set	-9935 Jun 02 j 06:34	19°♓10'44	
	-9935 Jun 08 j 03:08	0°♈	
superior conj	-9935 Jun 12 j 11:08	7°♈48'43	1°49'52
minimum elong	-9935 Jun 12 j 11:22	7°♈49'47	1°49'53
max. Earth dist.	-9935 Jun 19 j 21:27	20°♈39'25	1.41379 AU
evening rise	-9935 Jun 25 j 16:56	0°♉13'46	
	-9935 Jun 25 j 13:32	0°♉	
desc. node	-9935 Jul 09 j 00:34	20°♉49'08	
	-9935 Jul 15 j 09:03	0°♊	
evening max el	-9935 Jul 28 j 21:44	16°♊59'51	22°24'42
retrograde	-9935 Aug 07 j 10:13	22°♊38'46	
evening set	-9935 Aug 12 j 01:08	20°♊45'01	
inferior conj	-9935 Aug 17 j 07:04	14°♊31'25	-0°41'38
minimum elong	-9935 Aug 17 j 07:57	14°♊28'23	0°40'45
min. Earth dist.	-9935 Aug 17 j 08:16	14°♊27'15	0.67228 AU
asc. node	-9935 Aug 19 j 10:52	11°♊36'51	
morning rise	-9935 Aug 22 j 14:40	8°♊14'03	
direct	-9935 Aug 27 j 03:40	6°♊23'48	
morning max el	-9935 Sep 05 j 18:11	12°♊09'47	22°26'47
	-9935 Sep 19 j 19:05	0°♋	
desc. node	-9935 Oct 04 j 23:12	22°♋46'31	
morning set	-9935 Oct 08 j 21:18	29°♋01'59	
	-9935 Oct 09 j 11:38	0°♌	
max. Earth dist.	-9935 Oct 14 j 16:07	8°♌34'40	1.40954 AU
superior conj	-9935 Oct 22 j 07:30	21°♌50'23	-1°31'03
minimum elong	-9935 Oct 22 j 04:07	21°♌35'15	1°30'23
	-9935 Oct 26 j 19:25	0°♍	
evening rise	-9935 Nov 01 j 09:46	10°♍25'35	
	-9935 Nov 12 j 13:14	0°♎	
asc. node	-9935 Nov 15 j 09:35	3°♎54'16	
evening max el	-9935 Nov 17 j 14:57	6°♎22'37	18°16'40
retrograde	-9935 Nov 24 j 20:46	10°♎00'42	
evening set	-9935 Nov 27 j 09:14	9°♎35'18	
inferior conj	-9935 Dec 04 j 14:22	4°♎48'56	4°11'28
minimum elong	-9935 Dec 04 j 12:35	4°♎52'47	4°11'21
min. Earth dist.	-9935 Dec 07 j 18:54	2°♎05'09	0.60081 AU
	-9935 Dec 10 j 13:21	30°℞♍	
morning rise	-9935 Dec 11 j 14:23	29°♍20'26	
direct	-9935 Dec 18 j 07:53	27°♍18'36	
	-9935 Dec 26 j 11:08	0°♎	
desc. node	-9934 Jan 01 j 00:29	4°♎24'17	
morning max el	-9934 Jan 01 j 09:11	4°♎45'00	27°01'11
	-9934 Jan 20 j 02:28	0°♏	
morning set	-9934 Feb 01 j 02:36	22°♏41'40	
	-9934 Feb 04 j 13:26	0°♐	
superior conj	-9934 Feb 08 j 04:05	7°♐50'39	-0°30'25
minimum elong	-9934 Feb 08 j 05:20	7°♐57'26	0°30'41
max. Earth dist.	-9934 Feb 07 j 19:51	7°♐05'41	1.32761 AU
asc. node	-9934 Feb 11 j 07:31	14°♐41'43	
evening rise	-9934 Feb 15 j 05:04	23°♐00'36	
	-9934 Feb 18 j 15:19	0°♑	
	-9934 Mar 09 j 00:10	0°♒	
evening max el	-9934 Mar 15 j 10:32	7°♒09'31	25°57'33
retrograde	-9934 Mar 29 j 13:29	14°♒26'56	
desc. node	-9934 Mar 30 j 00:34	14°♒26'24	
evening set	-9934 Apr 04 j 05:43	13°♒08'02	
min. Earth dist.	-9934 Apr 08 j 23:42	10°♒16'58	0.58592 AU
inferior conj	-9934 Apr 12 j 06:37	7°♒50'11	-2°56'50
minimum elong	-9934 Apr 12 j 02:54	7°♒57'09	2°56'39
morning rise	-9934 Apr 20 j 03:11	3°♒23'18	
direct	-9934 Apr 22 j 12:12	3°♒04'22	
morning max el	-9934 Apr 30 j 12:08	6°♒53'01	18°37'11
asc. node	-9934 May 10 j 07:09	20°♒39'34	
	-9934 May 15 j 08:17	0°♓	
morning set	-9934 May 16 j 18:34	2°♓44'40	
superior conj	-9934 May 25 j 20:59	20°♓09'18	1°45'20
minimum elong	-9934 May 25 j 18:58	19°♓59'52	1°45'05
	-9934 May 31 j 06:23	0°♈	
max. Earth dist.	-9934 Jun 01 j 22:33	2°♈57'45	1.39520 AU
evening rise	-9934 Jun 06 j 06:27	10°♈25'12	
	-9934 Jun 18 j 11:37	0°♉	
desc. node	-9934 Jun 25 j 21:57	10°♉55'39	
	-9934 Jul 11 j 01:36	0°♊	
evening max el	-9934 Jul 11 j 09:36	0°♊20'15	23°46'39
retrograde	-9934 Jul 22 j 02:03	6°♊40'06	
evening set	-9934 Jul 27 j 07:35	4°♊25'35	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9934 Jul 31 j 04:50	30°℞♉	
min. Earth dist.	-9934 Aug 01 j 03:52	28°♉41'56	0.67193 AU
inferior conj	-9934 Aug 01 j 13:16	28°♉09'45	-1°29'19
minimum elong	-9934 Aug 01 j 15:04	28°♉03'36	1°28'12
asc. node	-9934 Aug 06 j 07:49	22°♉28'04	
morning rise	-9934 Aug 06 j 22:29	21°♉57'56	
direct	-9934 Aug 10 j 23:11	20°♉26'04	
morning max el	-9934 Aug 19 j 11:30	25°♉30'10	21°07'24
	-9934 Aug 23 j 09:54	0°♊	
	-9934 Sep 13 j 07:02	0°♋	
morning set	-9934 Sep 18 j 07:50	7°♋48'03	
desc. node	-9934 Sep 21 j 20:07	13°♋20'23	
max. Earth dist.	-9934 Sep 26 j 21:36	21°♋29'01	1.42697 AU
	-9934 Oct 02 j 01:15	0°♌	
superior conj	-9934 Oct 03 j 16:10	2°♌44'01	-1°07'52
minimum elong	-9934 Oct 03 j 11:19	2°♌23'26	1°06'50
evening rise	-9934 Oct 15 j 08:17	23°♌08'13	
	-9934 Oct 19 j 04:36	0°♍	
evening max el	-9934 Nov 01 j 02:13	19°♍31'45	18°07'24
asc. node	-9934 Nov 02 j 06:52	20°♍38'09	
retrograde	-9934 Nov 07 j 20:12	23°♍03'25	
evening set	-9934 Nov 10 j 10:31	22°♍31'57	
inferior conj	-9934 Nov 17 j 03:55	17°♍24'33	3°47'12
minimum elong	-9934 Nov 17 j 00:31	17°♍32'53	3°46'47
min. Earth dist.	-9934 Nov 19 j 23:27	14°♍39'40	0.61932 AU
morning rise	-9934 Nov 23 j 13:27	11°♍39'51	
direct	-9934 Nov 30 j 15:17	9°♍09'33	
morning max el	-9934 Dec 14 j 12:10	16°♍41'37	27°33'10
desc. node	-9934 Dec 18 j 21:12	21°♍21'20	
	-9934 Dec 25 j 15:29	0°♎	
	-9933 Jan 12 j 15:07	0°♏	
morning set	-9933 Jan 16 j 08:08	7°♏23'03	
max. Earth dist.	-9933 Jan 22 j 07:10	19°♏56'45	1.32979 AU
superior conj	-9933 Jan 23 j 15:09	22°♏49'51	-0°51'56
minimum elong	-9933 Jan 23 j 17:05	23°♏00'19	0°52'00
	-9933 Jan 26 j 22:22	0°♐	
asc. node	-9933 Jan 29 j 04:45	4°♐52'29	
evening rise	-9933 Jan 30 j 15:58	7°♐58'59	
	-9933 Feb 11 j 07:15	0°♑	
evening max el	-9933 Feb 25 j 04:55	18°♑12'04	24°35'23
retrograde	-9933 Mar 11 j 02:29	25°♑09'45	
evening set	-9933 Mar 15 j 15:31	24°♑23'04	
desc. node	-9933 Mar 16 j 21:41	23°♑54'36	
min. Earth dist.	-9933 Mar 21 j 18:12	21°♑17'08	0.56862 AU
inferior conj	-9933 Mar 24 j 09:31	19°♑34'33	-1°51'04
minimum elong	-9933 Mar 24 j 05:43	19°♑40'44	1°50'34
morning rise	-9933 Apr 01 j 23:05	15°♑24'18	
direct	-9933 Apr 04 j 04:56	15°♑10'09	
morning max el	-9933 Apr 13 j 13:15	19°♑34'06	19°24'48
	-9933 Apr 21 j 13:30	0°♒	
asc. node	-9933 Apr 27 j 04:04	9°♒59'50	
morning set	-9933 Apr 30 j 16:38	16°♒53'08	
	-9933 May 07 j 06:25	0°♓	
superior conj	-9933 May 09 j 00:01	3°♓24'24	1°32'35
minimum elong	-9933 May 08 j 21:06	3°♓10'08	1°31'59
max. Earth dist.	-9933 May 14 j 23:22	14°♓46'23	1.37668 AU
evening rise	-9933 May 18 j 22:49	21°♓58'45	
	-9933 May 23 j 14:01	0°♈	
	-9933 Jun 12 j 07:32	0°♉	
desc. node	-9933 Jun 12 j 19:22	0°♉39'38	
evening max el	-9933 Jun 23 j 19:34	13°♉43'24	25°06'02
retrograde	-9933 Jul 05 j 13:56	20°♉37'08	
evening set	-9933 Jul 11 j 10:19	18°♉04'29	
min. Earth dist.	-9933 Jul 15 j 21:03	12°♉58'16	0.66842 AU
inferior conj	-9933 Jul 16 j 17:58	11°♉48'57	-2°12'28
minimum elong	-9933 Jul 16 j 20:23	11°♉40'57	2°11'23
morning rise	-9933 Jul 22 j 06:25	5°♉46'08	
asc. node	-9933 Jul 24 j 04:43	4°♉46'52	
direct	-9933 Jul 25 j 20:51	4°♉30'48	
morning max el	-9933 Aug 02 j 11:20	8°♉57'08	19°58'34
	-9933 Aug 17 j 21:01	0°♊	
morning set	-9933 Aug 28 j 09:44	16°♊12'59	
	-9933 Sep 06 j 04:43	0°♋	
desc. node	-9933 Sep 08 j 17:09	3°♋59'52	
max. Earth dist.	-9933 Sep 09 j 09:35	5°♋05'21	1.43961 AU
superior conj	-9933 Sep 13 j 21:10	12°♋17'46	-0°31'07
minimum elong	-9933 Sep 13 j 17:52	12°♋04'25	0°30'08
	-9933 Sep 24 j 14:02	0°♌	
evening rise	-9933 Sep 27 j 12:28	4°♌58'24	
	-9933 Oct 13 j 03:40	0°♍	
evening max el	-9933 Oct 15 j 15:38	2°♍53'05	18°17'01
asc. node	-9933 Oct 20 j 04:06	6°♍05'28	
retrograde	-9933 Oct 22 j 05:59	6°♍28'11	
evening set	-9933 Oct 25 j 00:03	5°♍48'28	
inferior conj	-9933 Oct 31 j 07:11	0°♍22'04	3°08'47
minimum elong	-9933 Oct 31 j 03:31	0°♍32'07	3°08'10
	-9933 Oct 31 j 15:12	30°℞♌	
min. Earth dist.	-9933 Nov 02 j 13:49	27°♌52'42	0.63578 AU
morning rise	-9933 Nov 06 j 06:16	24°♌24'02	
direct	-9933 Nov 13 j 06:06	21°♌39'42	
morning max el	-9933 Nov 26 j 19:49	29°♌13'42	27°30'12
	-9933 Nov 27 j 14:27	0°♍	
desc. node	-9933 Dec 05 j 17:55	9°♍29'59	
	-9933 Dec 19 j 11:07	0°♎	
morning set	-9933 Dec 31 j 06:54	21°♎40'28	
	-9932 Jan 04 j 08:57	0°♏	
max. Earth dist.	-9932 Jan 05 j 12:42	2°♏25'19	1.33575 AU
superior conj	-9932 Jan 07 j 23:41	7°♏38'19	-1°11'05
minimum elong	-9932 Jan 08 j 01:58	7°♏50'32	1°11'04
evening rise	-9932 Jan 15 j 03:16	22°♏54'45	
asc. node	-9932 Jan 16 j 02:00	24°♏53'12	
	-9932 Jan 18 j 14:21	0°♐	
evening max el	-9932 Feb 06 j 22:23	29°♐02'29	23°02'03
	-9932 Feb 07 j 23:41	0°♑	
retrograde	-9932 Feb 20 j 02:25	5°♑26'04	
evening set	-9932 Feb 23 j 14:16	4°♑59'26	
min. Earth dist.	-9932 Mar 02 j 09:54	1°♑27'28	0.55722 AU
desc. node	-9932 Mar 02 j 18:45	1°♑14'36	
inferior conj	-9932 Mar 03 j 17:52	0°♑40'46	-0°15'06
minimum elong	-9932 Mar 03 j 17:12	0°♑41'45	0°15'27
transit middle	-9932 Mar 03 j 17:12	0°♑41'45	0°15'27
transit begin	-9932 Mar 03 j 16:21	0°♑42'59	
transit end	-9932 Mar 03 j 18:02	0°♑40'32	
	-9932 Mar 04 j 21:56	30°℞♐	
morning rise	-9932 Mar 12 j 21:58	26°♐38'48	
direct	-9932 Mar 15 j 04:54	26°♐26'07	
	-9932 Mar 24 j 07:11	0°♑	
morning max el	-9932 Mar 26 j 04:23	1°♑37'46	20°32'06
asc. node	-9932 Apr 13 j 01:01	29°♑42'19	
	-9932 Apr 13 j 04:31	0°♒	
morning set	-9932 Apr 13 j 21:38	1°♒26'50	
superior conj	-9932 Apr 21 j 15:25	17°♒19'48	1°14'27
minimum elong	-9932 Apr 21 j 12:34	17°♒05'21	1°13'37
max. Earth dist.	-9932 Apr 26 j 06:12	26°♒31'09	1.36022 AU
	-9932 Apr 28 j 01:30	0°♓	
evening rise	-9932 Apr 30 j 12:54	4°♓39'43	
	-9932 May 15 j 10:55	0°♈	
desc. node	-9932 May 29 j 16:47	19°♈50'59	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-9932 Jun 05 j 05:50	27°♈07'30	26°14'23	
	-9932 Jun 08 j 09:44	0°♉		
retrograde	-9932 Jun 17 j 21:10	4°♉24'10		
evening set	-9932 Jun 24 j 07:07	1°♉39'14		
	-9932 Jun 25 j 23:56	30°℞♈		
min. Earth dist.	-9932 Jun 28 j 09:22	27°♈12'23	0.66134 AU	
inferior conj	-9932 Jun 29 j 19:12	25°♈26'19	-2°49'32	
minimum elong	-9932 Jun 29 j 21:50	25°♈18'04	2°48'41	
morning rise	-9932 Jul 05 j 12:39	19°♈35'44		
direct	-9932 Jul 08 j 18:49	18°♈34'45		
asc. node	-9932 Jul 10 j 01:37	18°♈43'55		
morning max el	-9932 Jul 15 j 17:33	22°♈30'58	19°03'54	
	-9932 Jul 21 j 17:08	0°♉		
morning set	-9932 Aug 06 j 23:35	25°♉13'43		
	-9932 Aug 09 j 23:45	0°♊		
max. Earth dist.	-9932 Aug 22 j 01:57	19°♊07'24	1.44580 AU	
superior conj	-9932 Aug 23 j 02:48	20°♊45'45	0°14'57	
minimum elong	-9932 Aug 23 j 04:44	20°♊53'24	0°15'16	
behind sun begin	-9932 Aug 23 j 00:37	20°♊37'05		
behind sun end	-9932 Aug 23 j 08:51	21°♊09'42		
desc. node	-9932 Aug 25 j 14:15	24°♊41'21		
	-9932 Aug 28 j 22:23	0°♋		
evening rise	-9932 Sep 07 j 16:52	15°♋42'59		
	-9932 Sep 16 j 12:42	0°♌		
evening max el	-9932 Sep 28 j 04:15	16°♌20'21	18°44'31	
retrograde	-9932 Oct 04 j 22:25	20°♌07'56		
asc. node	-9932 Oct 06 j 01:17	20°♌00'51		
evening set	-9932 Oct 07 j 22:19	19°♌17'20		
inferior conj	-9932 Oct 13 j 20:46	13°♌34'55	2°22'14	
minimum elong	-9932 Oct 13 j 17:40	13°♌44'10	2°21'41	
min. Earth dist.	-9932 Oct 15 j 14:03	11°♌31'13	0.64919 AU	
morning rise	-9932 Oct 19 j 12:35	7°♌26'24		
direct	-9932 Oct 26 j 03:21	4°♌41'25		
morning max el	-9932 Nov 08 j 05:47	12°♌11'26	26°55'32	
desc. node	-9932 Nov 21 j 14:39	28°♌29'18		
	-9932 Nov 22 j 16:11	0°♍		
	-9932 Dec 10 j 23:01	0°♎		
morning set	-9932 Dec 13 j 19:41	5°♎23'52		
max. Earth dist.	-9932 Dec 18 j 09:06	14°♎23'30	1.34584 AU	
superior conj	-9932 Dec 22 j 03:39	22°♎09'14	-1°26'52	
minimum elong	-9932 Dec 22 j 05:51	22°♎20'38	1°26'50	
	-9932 Dec 25 j 21:12	0°♏		
evening rise	-9932 Dec 29 j 13:16	7°♏42'08		
asc. node	-9931 Jan 01 j 23:16	14°♏38'45		
	-9931 Jan 10 j 15:55	0°♐		
evening max el	-9931 Jan 18 j 20:16	10°♐04'48	21°30'59	
retrograde	-9931 Jan 30 j 17:38	15°♐42'58		
evening set	-9931 Feb 02 j 13:36	15°♐24'48		
inferior conj	-9931 Feb 11 j 15:31	11°♐23'42	1°33'13	
minimum elong	-9931 Feb 11 j 19:26	11°♐18'08	1°31'28	
min. Earth dist.	-9931 Feb 12 j 00:11	11°♐11'23	0.55404 AU	
desc. node	-9931 Feb 17 j 15:44	8°♐18'17		
morning rise	-9931 Feb 21 j 01:06	7°♐15'23		
direct	-9931 Feb 23 j 19:28	6°♐58'25		
morning max el	-9931 Mar 08 j 08:26	13°♐01'14	21°56'44	
	-9931 Mar 20 j 20:12	0°♑		
morning set	-9931 Mar 29 j 07:06	16°♑18'18		
asc. node	-9931 Mar 30 j 22:00	19°♑41'03		
	-9931 Apr 04 j 19:31	0°♒		
superior conj	-9931 Apr 05 j 15:31	1°♒44'50	0°53'04	
minimum elong	-9931 Apr 05 j 13:19	1°♒33'19	0°52'10	
max. Earth dist.	-9931 Apr 08 j 22:39	8°♒33'42	1.34698 AU	
evening rise	-9931 Apr 13 j 19:04	18°♒11'58		
	-9931 Apr 20 j 03:54	0°♓		

	-9931 May 09 j 15:05	0°♈		
desc. node	-9931 May 16 j 14:09	8°♈16'06		
evening max el	-9931 May 18 j 16:40	10°♈25'17	27°03'18	
retrograde	-9931 May 31 j 23:18	17°♈54'20		
evening set	-9931 Jun 07 j 19:23	15°♈06'43		
min. Earth dist.	-9931 Jun 11 j 14:40	11°♈18'06	0.65031 AU	
inferior conj	-9931 Jun 13 j 14:47	8°♈58'37	-3°18'27	
minimum elong	-9931 Jun 13 j 17:05	8°♈51'55	3°18'02	
morning rise	-9931 Jun 19 j 15:09	3°♈23'07		
direct	-9931 Jun 22 j 14:50	2°♈34'18		
asc. node	-9931 Jun 26 j 22:29	4°♈11'33		
morning max el	-9931 Jun 29 j 04:37	6°♈09'33	18°25'30	
	-9931 Jul 15 j 07:36	0°♉		
morning set	-9931 Jul 18 j 13:25	5°♉21'48		
superior conj	-9931 Aug 02 j 03:16	29°♉01'31	0°59'27	
minimum elong	-9931 Aug 02 j 09:31	29°♉26'23	0°59'14	
	-9931 Aug 02 j 17:58	0°♊		
max. Earth dist.	-9931 Aug 04 j 19:03	3°♊14'54	1.44484 AU	
desc. node	-9931 Aug 12 j 11:24	15°♊21'51		
evening rise	-9931 Aug 18 j 18:23	25°♊14'15		
	-9931 Aug 21 j 19:21	0°♋		
greatest brilliancy	-9931 Aug 29 j 01:31	11°♋16'54	-0.8m	
evening max el	-9931 Sep 11 j 13:22	29°♋48'38	19°28'40	
	-9931 Sep 11 j 17:50	0°♌		
retrograde	-9931 Sep 18 j 18:16	3°♌57'26		
evening set	-9931 Sep 22 j 02:16	2°♌52'54		
asc. node	-9931 Sep 22 j 22:26	2°♌16'34		
	-9931 Sep 25 j 06:26	30°℞♋		
inferior conj	-9931 Sep 27 j 17:46	26°♋57'49	1°31'26	
minimum elong	-9931 Sep 27 j 15:41	27°♋04'28	1°31'11	
min. Earth dist.	-9931 Sep 28 j 22:42	25°♋24'52	0.65947 AU	
morning rise	-9931 Oct 03 j 04:48	20°♋42'01		
direct	-9931 Oct 09 j 06:34	18°♋06'18		
morning max el	-9931 Oct 21 j 15:51	25°♋22'08	25°55'36	
	-9931 Oct 25 j 22:29	0°♌		
desc. node	-9931 Nov 08 j 11:20	18°♌03'43		
	-9931 Nov 16 j 03:53	0°♍		
morning set	-9931 Nov 26 j 18:11	18°♍19'28		
max. Earth dist.	-9931 Nov 30 j 18:21	25°♍51'32	1.36020 AU	
	-9931 Dec 02 j 21:28	0°♎		
superior conj	-9931 Dec 06 j 00:25	6°♎13'20	-1°37'58	
minimum elong	-9931 Dec 06 j 01:54	6°♎20'48	1°37'54	
evening rise	-9931 Dec 13 j 20:04	22°♎13'59		
	-9931 Dec 17 j 17:26	0°♏		
asc. node	-9931 Dec 19 j 20:32	4°♏02'02		
evening max el	-9930 Jan 01 j 02:53	21°♏35'39	20°12'21	
retrograde	-9930 Jan 11 j 10:24	26°♏26'22		
evening set	-9930 Jan 13 j 23:54	26°♏09'43		
inferior conj	-9930 Jan 22 j 15:35	22°♏09'09	3°04'39	
minimum elong	-9930 Jan 22 j 21:15	22°♏00'32	3°02'55	
min. Earth dist.	-9930 Jan 24 j 13:57	20°♏59'01	0.55960 AU	
morning rise	-9930 Jan 31 j 16:46	17°♏39'29		
direct	-9930 Feb 04 j 12:37	17°♏07'08		
desc. node	-9930 Feb 04 j 12:38	17°♏07'08		
morning max el	-9930 Feb 18 j 03:11	23°♏52'04	23°32'30	
	-9930 Feb 23 j 15:06	0°♐		
	-9930 Mar 13 j 03:38	0°♑		
morning set	-9930 Mar 13 j 18:57	1°♑19'48		
asc. node	-9930 Mar 17 j 19:00	9°♑50'14		
superior conj	-9930 Mar 20 j 21:30	16°♑29'57	0°29'57	
minimum elong	-9930 Mar 20 j 20:14	16°♑23'10	0°29'08	
max. Earth dist.	-9930 Mar 23 j 00:38	21°♑01'51	1.33726 AU	
	-9930 Mar 27 j 08:36	0°♒		
evening rise	-9930 Mar 28 j 12:40	2°♒20'48		

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9930 Apr 13 j 01:03	0°♓	
evening max el	-9930 May 01 j 02:51	23°♓26'16	27°25'44
desc. node	-9930 May 03 j 11:30	25°♓35'44	
	-9930 May 10 j 06:11	0°♈	
retrograde	-9930 May 14 j 19:57	0°♈59'08	
	-9930 May 19 j 03:26	30°℞♓	
evening set	-9930 May 21 j 20:03	28°♓21'45	
min. Earth dist.	-9930 May 25 j 11:25	25°♓05'28	0.63533 AU
inferior conj	-9930 May 28 j 02:04	22°♓21'07	-3°36'20
minimum elong	-9930 May 28 j 03:20	22°♓17'47	3°36'23
morning rise	-9930 Jun 03 j 11:31	17°♓03'03	
direct	-9930 Jun 06 j 06:13	16°♓24'26	
morning max el	-9930 Jun 12 j 18:19	19°♓48'40	18°04'40
asc. node	-9930 Jun 13 j 19:19	20°♓54'35	
	-9930 Jun 20 j 08:16	0°♈	
morning set	-9930 Jun 30 j 04:29	16°♈40'50	
	-9930 Jul 07 j 23:16	0°♉	
superior conj	-9930 Jul 12 j 20:27	8°♉08'00	1°31'28
minimum elong	-9930 Jul 13 j 02:03	8°♉31'00	1°31'21
max. Earth dist.	-9930 Jul 18 j 09:31	17°♉08'52	1.43701 AU
	-9930 Jul 26 j 12:20	0°♊	
evening rise	-9930 Jul 28 j 22:59	3°♊48'17	
desc. node	-9930 Jul 30 j 08:38	5°♊58'33	
	-9930 Aug 15 j 08:08	0°♋	
evening max el	-9930 Aug 25 j 16:55	13°♋15'36	20°27'51
retrograde	-9930 Sep 02 j 15:07	17°♋53'58	
evening set	-9930 Sep 06 j 09:29	16°♋32'22	
asc. node	-9930 Sep 09 j 19:31	13°♋05'41	
inferior conj	-9930 Sep 11 j 19:50	10°♋27'53	0°39'08
minimum elong	-9930 Sep 11 j 18:56	10°♋30'55	0°39'20
min. Earth dist.	-9930 Sep 12 j 13:35	9°♋28'11	0.66676 AU
morning rise	-9930 Sep 17 j 04:09	4°♋08'32	
direct	-9930 Sep 22 j 15:28	1°♋48'18	
morning max el	-9930 Oct 04 j 01:20	8°♋36'51	24°39'00
	-9930 Oct 20 j 22:10	0°♌	
desc. node	-9930 Oct 26 j 08:04	8°♌03'19	
morning set	-9930 Nov 08 j 21:10	0°♍13'02	
	-9930 Nov 08 j 18:11	0°♍	
max. Earth dist.	-9930 Nov 12 j 18:27	7°♍08'51	1.37829 AU
superior conj	-9930 Nov 19 j 10:43	19°♍41'23	-1°42'36
minimum elong	-9930 Nov 19 j 10:45	19°♍41'34	1°42'25
	-9930 Nov 24 j 16:26	0°♎	
evening rise	-9930 Nov 27 j 21:39	6°♎24'36	
asc. node	-9930 Dec 06 j 17:48	22°♎55'09	
	-9930 Dec 11 j 12:38	0°♏	
evening max el	-9930 Dec 14 j 19:47	3°♏41'02	19°11'39
retrograde	-9930 Dec 23 j 15:26	7°♏52'40	
evening set	-9930 Dec 26 j 03:35	7°♏33'51	
inferior conj	-9929 Jan 03 j 05:43	3°♏20'23	3°59'12
minimum elong	-9929 Jan 03 j 09:08	3°♏14'31	3°58'32
min. Earth dist.	-9929 Jan 06 j 04:15	1°♏20'09	0.57258 AU
	-9929 Jan 08 j 07:34	30°℞♎	
morning rise	-9929 Jan 11 j 12:25	28°♎25'13	
direct	-9929 Jan 16 j 16:54	27°♎22'34	
desc. node	-9929 Jan 22 j 09:28	28°♎37'50	
	-9929 Jan 25 j 00:08	0°♏	
morning max el	-9929 Jan 30 j 17:54	4°♏32'22	25°07'41
	-9929 Feb 17 j 22:42	0°♐	
morning set	-9929 Feb 26 j 07:24	16°♐24'51	
asc. node	-9929 Mar 04 j 16:03	0°♑05'29	
	-9929 Mar 04 j 15:02	0°♑	
superior conj	-9929 Mar 05 j 07:10	1°♑27'35	0°06'12
minimum elong	-9929 Mar 05 j 06:55	1°♑26'16	0°05'35
behind sun begin	-9929 Mar 05 j 02:10	1°♑00'27	
behind sun end	-9929 Mar 05 j 11:41	1°♑52'05	
max. Earth dist.	-9929 Mar 06 j 09:55	3°♑52'32	1.33098 AU
evening rise	-9929 Mar 12 j 14:12	16°♑54'57	
	-9929 Mar 19 j 07:42	0°♒	
	-9929 Apr 07 j 22:03	0°♓	
evening max el	-9929 Apr 13 j 10:18	5°♓59'06	27°16'42
desc. node	-9929 Apr 20 j 08:50	11°♓22'51	
retrograde	-9929 Apr 27 j 09:54	13°♓29'20	
evening set	-9929 May 04 j 05:32	11°♓15'57	
min. Earth dist.	-9929 May 07 j 23:04	8°♓20'50	0.61712 AU
inferior conj	-9929 May 11 j 01:54	5°♓26'53	-3°38'54
minimum elong	-9929 May 11 j 01:23	5°♓28'05	3°39'12
morning rise	-9929 May 17 j 22:53	0°♓27'57	
	-9929 May 19 j 21:25	30°℞♒	
direct	-9929 May 20 j 13:38	29°♒57'57	
	-9929 May 21 j 05:46	0°♓	
morning max el	-9929 May 27 j 08:04	3°♓21'44	18°02'12
asc. node	-9929 May 31 j 16:08	8°♓36'58	
morning set	-9929 Jun 12 j 16:46	29°♓01'09	
	-9929 Jun 13 j 05:46	0°♈	
superior conj	-9929 Jun 23 j 16:19	18°♈33'00	1°47'20
minimum elong	-9929 Jun 23 j 18:28	18°♈42'17	1°47'23
	-9929 Jun 30 j 11:04	0°♉	
max. Earth dist.	-9929 Jun 30 j 19:02	0°♉32'52	1.42347 AU
evening rise	-9929 Jul 08 j 01:49	12°♉17'46	
desc. node	-9929 Jul 17 j 05:57	26°♉27'16	
	-9929 Jul 19 j 14:44	0°♊	
evening max el	-9929 Aug 08 j 13:42	26°♊39'07	21°39'33
	-9929 Aug 12 j 10:03	0°♋	
retrograde	-9929 Aug 17 j 10:59	1°♋54'19	
evening set	-9929 Aug 21 j 17:53	0°♋12'54	
	-9929 Aug 22 j 00:10	30°℞♊	
inferior conj	-9929 Aug 27 j 00:54	24°♊02'03	-0°12'41
minimum elong	-9929 Aug 27 j 01:10	24°♊01'08	0°12'01
transit middle	-9929 Aug 27 j 01:10	24°♊01'08	0°12'01
transit begin	-9929 Aug 26 j 23:19	24°♊07'28	
transit end	-9929 Aug 27 j 03:00	23°♊54'48	
min. Earth dist.	-9929 Aug 27 j 08:09	23°♊37'05	0.67113 AU
asc. node	-9929 Aug 27 j 16:33	23°♊08'13	
morning rise	-9929 Sep 01 j 08:17	17°♊42'55	
direct	-9929 Sep 06 j 05:13	15°♊41'18	
morning max el	-9929 Sep 16 j 11:37	21°♊51'25	23°14'59
	-9929 Sep 23 j 11:40	0°♋	
desc. node	-9929 Oct 13 j 04:52	28°♋20'17	
	-9929 Oct 14 j 06:17	0°♌	
morning set	-9929 Oct 20 j 23:12	10°♌50'41	
max. Earth dist.	-9929 Oct 25 j 16:09	18°♌49'00	1.39829 AU
	-9929 Oct 31 j 23:21	0°♍	
superior conj	-9929 Nov 02 j 06:09	2°♍21'03	-1°38'27
minimum elong	-9929 Nov 02 j 04:05	2°♍11'31	1°38'01
evening rise	-9929 Nov 11 j 15:26	20°♍07'25	
	-9929 Nov 16 j 21:11	0°♎	
asc. node	-9929 Nov 23 j 15:04	11°♎08'15	
evening max el	-9929 Nov 27 j 21:50	16°♎17'04	18°30'56
retrograde	-9929 Dec 05 j 14:20	20°♎03'19	
evening set	-9929 Dec 08 j 02:34	19°♎40'33	
inferior conj	-9929 Dec 15 j 15:03	15°♎06'45	4°15'43
minimum elong	-9929 Dec 15 j 14:54	15°♎07'02	4°15'37
min. Earth dist.	-9929 Dec 18 j 21:14	12°♎32'58	0.59004 AU
morning rise	-9929 Dec 23 j 01:27	9°♎49'37	
direct	-9929 Dec 29 j 09:00	8°♎08'39	
desc. node	-9928 Jan 09 j 06:14	12°♎41'49	
morning max el	-9928 Jan 12 j 11:04	15°♎29'57	26°27'31
	-9928 Jan 24 j 06:13	0°♏	
	-9928 Feb 10 j 02:00	0°♐	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning set	-9928 Feb 10 j 18:45	1°♐27'06	
superior conj	-9928 Feb 17 j 18:43	16°♐31'19	-0°17'18
minimum elong	-9928 Feb 17 j 19:27	16°♐35'22	0°17'42
max. Earth dist.	-9928 Feb 17 j 23:07	16°♐55'23	1.32793 AU
asc. node	-9928 Feb 19 j 13:09	20°♐22'47	
	-9928 Feb 24 j 00:52	0°♑	
evening rise	-9928 Feb 24 j 21:02	1°♑45'16	
	-9928 Mar 11 j 09:29	0°♒	
evening max el	-9928 Mar 25 j 12:56	17°♒55'54	26°34'59
desc. node	-9928 Apr 06 j 06:04	25°♒04'20	
retrograde	-9928 Apr 08 j 15:36	25°♒18'49	
evening set	-9928 Apr 14 j 20:42	23°♒39'20	
min. Earth dist.	-9928 Apr 19 j 02:12	20°♒51'03	0.59723 AU
inferior conj	-9928 Apr 22 j 10:46	18°♒08'10	-3°20'10
minimum elong	-9928 Apr 22 j 08:05	18°♒13'40	3°20'15
morning rise	-9928 Apr 29 j 21:59	13°♒29'29	
direct	-9928 May 02 j 09:14	13°♒06'44	
morning max el	-9928 May 09 j 19:12	16°♒42'12	18°18'46
asc. node	-9928 May 17 j 12:59	27°♒05'54	
	-9928 May 19 j 05:58	0°♓	
morning set	-9928 May 25 j 21:28	12°♓12'07	
	-9928 Jun 04 j 10:24	0°♈	
superior conj	-9928 Jun 04 j 13:51	0°♈15'43	1°49'10
minimum elong	-9928 Jun 04 j 12:57	0°♈11'38	1°49'06
max. Earth dist.	-9928 Jun 11 j 23:15	13°♈17'53	1.40609 AU
evening rise	-9928 Jun 16 j 23:52	21°♈43'38	
	-9928 Jun 22 j 03:00	0°♉	
desc. node	-9928 Jul 03 j 03:20	16°♉43'41	
	-9928 Jul 12 j 16:44	0°♊	
evening max el	-9928 Jul 21 j 04:22	10°♊00'30	22°59'23
retrograde	-9928 Jul 31 j 04:30	15°♊56'30	
evening set	-9928 Aug 05 j 01:36	13°♊53'49	
inferior conj	-9928 Aug 10 j 07:12	7°♊39'13	-1°02'19
minimum elong	-9928 Aug 10 j 08:30	7°♊34'45	1°01'18
min. Earth dist.	-9928 Aug 10 j 04:00	7°♊50'16	0.67256 AU
asc. node	-9928 Aug 13 j 13:33	3°♊25'21	
morning rise	-9928 Aug 15 j 15:18	1°♊23'56	
	-9928 Aug 18 j 02:18	30°℞♉	
direct	-9928 Aug 19 j 22:57	29°♉41'32	
	-9928 Aug 21 j 21:34	0°♊	
morning max el	-9928 Aug 29 j 01:40	5°♊08'50	21°52'00
	-9928 Sep 16 j 18:45	0°♋	
desc. node	-9928 Sep 29 j 01:44	18°♋49'23	
morning set	-9928 Sep 29 j 22:25	20°♋11'25	
	-9928 Oct 05 j 23:46	0°♌	
max. Earth dist.	-9928 Oct 06 j 18:32	1°♌17'42	1.41746 AU
superior conj	-9928 Oct 14 j 05:14	13°♌57'58	-1°22'54
minimum elong	-9928 Oct 14 j 01:00	13°♌39'31	1°22'05
	-9928 Oct 23 j 03:40	0°♍	
evening rise	-9928 Oct 24 j 22:12	3°♍15'11	
asc. node	-9928 Nov 09 j 12:22	28°♍29'15	
evening max el	-9928 Nov 10 j 06:33	29°♍16'27	18°10'19
	-9928 Nov 11 j 01:00	0°♎	
retrograde	-9928 Nov 17 j 06:06	2°♎50'27	
evening set	-9928 Nov 19 j 19:16	2°♎22'32	
	-9928 Nov 23 j 20:01	30°℞♍	
inferior conj	-9928 Nov 26 j 19:11	27°♍26'44	4°03'23
minimum elong	-9928 Nov 26 j 16:32	27°♍32'48	4°03'10
min. Earth dist.	-9928 Nov 29 j 20:32	24°♍40'26	0.60886 AU
morning rise	-9928 Dec 03 j 12:32	21°♍51'11	
direct	-9928 Dec 10 j 11:01	19°♍35'58	
morning max el	-9928 Dec 24 j 10:33	27°♍04'10	27°19'11
desc. node	-9928 Dec 26 j 02:57	28°♍45'40	
	-9928 Dec 27 j 06:45	0°♎	
	-9927 Jan 16 j 17:13	0°♏	
morning set	-9927 Jan 25 j 03:02	16°♏18'41	
max. Earth dist.	-9927 Jan 31 j 12:26	29°♏55'59	1.32814 AU
	-9927 Jan 31 j 13:10	0°♐	
superior conj	-9927 Feb 01 j 06:25	1°♐34'02	-0°39'46
minimum elong	-9927 Feb 01 j 07:59	1°♐42'34	0°39'57
asc. node	-9927 Feb 05 j 10:18	10°♐37'17	
evening rise	-9927 Feb 08 j 07:00	16°♐42'57	
	-9927 Feb 14 j 23:16	0°♑	
evening max el	-9927 Mar 07 j 09:45	29°♑14'50	25°24'47
	-9927 Mar 08 j 05:08	0°♒	
retrograde	-9927 Mar 21 j 11:04	6°♒24'49	
desc. node	-9927 Mar 24 j 03:15	6°♒07'44	
evening set	-9927 Mar 26 j 16:24	5°♒20'34	
min. Earth dist.	-9927 Mar 31 j 22:45	2°♒24'51	0.57811 AU
inferior conj	-9927 Apr 04 j 01:09	0°♒14'54	-2°33'02
minimum elong	-9927 Apr 03 j 21:03	0°♒22'07	2°32'37
	-9927 Apr 04 j 09:39	30°℞♑	
morning rise	-9927 Apr 12 j 04:55	25°♑55'47	
direct	-9927 Apr 14 j 12:38	25°♑39'02	
morning max el	-9927 Apr 23 j 00:50	29°♑40'26	18°55'01
	-9927 Apr 23 j 08:58	0°♒	
asc. node	-9927 May 04 j 09:52	16°♒09'54	
morning set	-9927 May 09 j 14:11	26°♒02'12	
	-9927 May 11 j 14:43	0°♓	
superior conj	-9927 May 18 j 07:42	13°♓01'34	1°40'45
minimum elong	-9927 May 18 j 05:10	12°♓49'27	1°40'20
max. Earth dist.	-9927 May 24 j 23:57	25°♓22'59	1.38721 AU
	-9927 May 27 j 14:29	0°♈	
evening rise	-9927 May 29 j 01:11	2°♈30'44	
	-9927 Jun 15 j 07:54	0°♉	
desc. node	-9927 Jun 20 j 00:45	6°♉41'43	
evening max el	-9927 Jul 03 j 15:02	23°♉21'49	24°21'11
retrograde	-9927 Jul 14 j 18:42	29°♉56'55	
evening set	-9927 Jul 20 j 06:45	27°♉33'55	
min. Earth dist.	-9927 Jul 24 j 22:46	22°♉06'09	0.67088 AU
inferior conj	-9927 Jul 25 j 13:00	21°♉18'01	-1°48'18
minimum elong	-9927 Jul 25 j 15:06	21°♉10'54	1°47'09
morning rise	-9927 Jul 30 j 23:24	15°♉09'55	
asc. node	-9927 Jul 31 j 10:31	14°♉50'39	
direct	-9927 Aug 03 j 19:29	13°♉45'28	
morning max el	-9927 Aug 11 j 21:49	18°♉32'24	20°36'39
	-9927 Aug 21 j 00:08	0°♊	
morning set	-9927 Sep 09 j 02:53	28°♊42'11	
	-9927 Sep 09 j 22:52	0°♋	
desc. node	-9927 Sep 15 j 22:43	9°♋26'20	
max. Earth dist.	-9927 Sep 19 j 03:30	14°♋33'54	1.43302 AU
superior conj	-9927 Sep 25 j 02:20	24°♋18'01	-0°53'51
minimum elong	-9927 Sep 24 j 21:38	23°♋58'30	0°52'46
	-9927 Sep 28 j 12:03	0°♌	
evening rise	-9927 Oct 07 j 13:40	15°♌37'54	
	-9927 Oct 15 j 21:11	0°♍	
evening max el	-9927 Oct 24 j 19:05	12°♍31'53	18°09'12
asc. node	-9927 Oct 27 j 09:39	14°♍43'13	
retrograde	-9927 Oct 31 j 10:41	16°♍04'14	
evening set	-9927 Nov 03 j 02:17	15°♍29'35	
inferior conj	-9927 Nov 09 j 15:06	10°♍13'33	3°32'15
minimum elong	-9927 Nov 09 j 11:27	10°♍22'57	3°31'44
min. Earth dist.	-9927 Nov 12 j 05:15	7°♍33'44	0.62657 AU
morning rise	-9927 Nov 15 j 19:42	4°♍22'36	
direct	-9927 Nov 22 j 21:33	1°♍44'52	
morning max el	-9927 Dec 06 j 16:08	9°♍18'30	27°36'13
desc. node	-9927 Dec 12 j 23:40	16°♍16'44	
	-9927 Dec 22 j 21:34	0°♎	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9926 Jan 08 j 19:48	0°♏	
morning set	-9926 Jan 09 j 06:04	0°♏51'46	
max. Earth dist.	-9926 Jan 14 j 21:56	12°♏40'14	1.33187 AU
superior conj	-9926 Jan 16 j 16:39	16°♏29'49	-1°00'23
minimum elong	-9926 Jan 16 j 18:47	16°♏41'19	1°00'25
	-9926 Jan 22 j 23:06	0°♐	
asc. node	-9926 Jan 23 j 07:32	0°♐44'34	
evening rise	-9926 Jan 23 j 18:18	1°♐41'21	
	-9926 Feb 08 j 13:43	0°♑	
evening max el	-9926 Feb 17 j 02:53	10°♑08'43	23°56'06
retrograde	-9926 Mar 02 j 18:40	16°♑54'21	
evening set	-9926 Mar 06 j 20:20	16°♑17'36	
desc. node	-9926 Mar 11 j 00:21	14°♑32'36	
min. Earth dist.	-9926 Mar 13 j 15:40	13°♑02'05	0.56293 AU
inferior conj	-9926 Mar 15 j 19:38	11°♑42'05	-1°13'23
minimum elong	-9926 Mar 15 j 16:46	11°♑46'30	1°13'06
morning rise	-9926 Mar 24 j 16:05	7°♑37'13	
direct	-9926 Mar 26 j 21:29	7°♑24'17	
morning max el	-9926 Apr 05 j 22:03	12°♑06'55	19°51'07
	-9926 Apr 18 j 07:32	0°♒	
asc. node	-9926 Apr 21 j 06:46	5°♒40'19	
morning set	-9926 Apr 23 j 15:30	10°♒22'13	
superior conj	-9926 May 01 j 16:31	26°♒35'33	1°25'24
minimum elong	-9926 May 01 j 13:32	26°♒20'45	1°24'41
	-9926 May 03 j 09:58	0°♓	
max. Earth dist.	-9926 May 07 j 02:19	7°♓05'21	1.36931 AU
evening rise	-9926 May 11 j 03:28	14°♓34'43	
	-9926 May 20 j 02:23	0°♈	
desc. node	-9926 Jun 06 j 22:10	26°♈13'18	
	-9926 Jun 09 j 22:39	0°♉	
evening max el	-9926 Jun 16 j 00:40	6°♉44'50	25°36'57
retrograde	-9926 Jun 28 j 04:48	13°♉50'31	
evening set	-9926 Jul 04 j 07:15	11°♉11'25	
min. Earth dist.	-9926 Jul 08 j 14:08	6°♉21'59	0.66582 AU
inferior conj	-9926 Jul 09 j 16:27	4°♉56'32	-2°29'06
minimum elong	-9926 Jul 09 j 19:01	4°♉48'12	2°28'05
	-9926 Jul 13 j 23:27	30°℞♈	
morning rise	-9926 Jul 15 j 06:49	28°♈58'41	
asc. node	-9926 Jul 18 j 07:26	27°♈50'56	
direct	-9926 Jul 18 j 17:23	27°♈49'58	
	-9926 Jul 23 j 19:04	0°♉	
morning max el	-9926 Jul 26 j 00:33	2°♉02'43	19°33'26
	-9926 Aug 14 j 15:55	0°♊	
morning set	-9926 Aug 19 j 07:30	7°♊15'53	
max. Earth dist.	-9926 Sep 01 j 17:19	28°♊22'00	1.44300 AU
desc. node	-9926 Sep 02 j 19:45	0°♋07'01	
	-9926 Sep 02 j 17:59	0°♋	
superior conj	-9926 Sep 04 j 19:58	3°♋19'17	-0°12'12
minimum elong	-9926 Sep 04 j 18:36	3°♋13'47	0°11'26
behind sun begin	-9926 Sep 04 j 10:35	2°♋41'46	
behind sun end	-9926 Sep 05 j 02:37	3°♋45'50	
evening rise	-9926 Sep 19 j 08:21	27°♋01'37	
	-9926 Sep 21 j 03:09	0°♌	
evening max el	-9926 Oct 08 j 08:25	25°♌55'57	18°26'37
asc. node	-9926 Oct 14 j 06:53	29°♌32'59	
retrograde	-9926 Oct 14 j 23:44	29°♌35'40	
evening set	-9926 Oct 17 j 19:53	28°♌51'51	
inferior conj	-9926 Oct 23 j 23:07	23°♌18'22	2°49'48
minimum elong	-9926 Oct 23 j 19:37	23°♌28'21	2°49'10
min. Earth dist.	-9926 Oct 26 j 00:06	20°♌58'43	0.64180 AU
morning rise	-9926 Oct 29 j 18:44	17°♌15'16	
direct	-9926 Nov 05 j 15:18	14°♌28'57	
morning max el	-9926 Nov 19 j 01:09	22°♌03'15	27°19'00
	-9926 Nov 26 j 03:22	0°♍	
desc. node	-9926 Nov 29 j 20:21	4°♍48'58	
	-9926 Dec 16 j 00:18	0°♎	
morning set	-9926 Dec 24 j 01:02	14°♎56'17	
max. Earth dist.	-9926 Dec 28 j 23:47	24°♎55'44	1.33948 AU
	-9926 Dec 31 j 09:56	0°♏	
superior conj	-9926 Dec 31 j 23:30	1°♏11'39	-1°18'16
minimum elong	-9925 Jan 01 j 01:48	1°♏23'53	1°18'14
evening rise	-9925 Jan 08 j 05:13	16°♏33'58	
asc. node	-9925 Jan 10 j 04:46	20°♏39'28	
	-9925 Jan 14 j 23:58	0°♐	
evening max el	-9925 Jan 29 j 21:31	21°♐01'26	22°22'21
retrograde	-9925 Feb 11 j 14:25	27°♐07'02	
evening set	-9925 Feb 14 j 17:50	26°♐45'22	
inferior conj	-9925 Feb 23 j 22:04	22°♐36'01	0°30'59
minimum elong	-9925 Feb 23 j 23:24	22°♐34'06	0°29'59
min. Earth dist.	-9925 Feb 23 j 06:58	22°♐57'37	0.55476 AU
desc. node	-9925 Feb 25 j 21:21	21°♐29'13	
morning rise	-9925 Mar 05 j 05:59	18°♐33'07	
direct	-9925 Mar 07 j 15:50	18°♐19'40	
morning max el	-9925 Mar 19 j 08:34	23°♐54'00	21°06'12
	-9925 Mar 24 j 16:26	0°♑	
morning set	-9925 Apr 07 j 22:39	25°♑04'23	
asc. node	-9925 Apr 08 j 03:42	25°♑30'23	
	-9925 Apr 10 j 07:48	0°♒	
superior conj	-9925 Apr 15 j 12:01	10°♒45'09	1°05'41
minimum elong	-9925 Apr 15 j 09:23	10°♒31'38	1°04'48
max. Earth dist.	-9925 Apr 19 j 12:40	18°♒54'25	1.35414 AU
evening rise	-9925 Apr 24 j 01:04	27°♒40'01	
	-9925 Apr 25 j 06:55	0°♓	
	-9925 May 13 j 08:51	0°♈	
desc. node	-9925 May 24 j 19:34	15°♈07'30	
evening max el	-9925 May 29 j 11:14	20°♈07'50	26°38'05
retrograde	-9925 Jun 11 j 10:08	27°♈31'37	
evening set	-9925 Jun 18 j 00:47	24°♈44'17	
min. Earth dist.	-9925 Jun 21 j 23:49	20°♈33'51	0.65707 AU
inferior conj	-9925 Jun 23 j 15:34	18°♈32'52	-3°02'59
minimum elong	-9925 Jun 23 j 18:09	18°♈25'02	3°02'18
morning rise	-9925 Jun 29 j 11:43	12°♈48'11	
direct	-9925 Jul 02 j 14:50	11°♈52'43	
asc. node	-9925 Jul 05 j 04:18	12°♈28'24	
morning max el	-9925 Jul 09 j 09:03	15°♈39'17	18°45'26
	-9925 Jul 19 j 20:29	0°♉	
morning set	-9925 Jul 30 j 06:49	16°♉43'25	
	-9925 Aug 07 j 13:31	0°♊	
superior conj	-9925 Aug 14 j 20:38	11°♊34'34	0°34'46
minimum elong	-9925 Aug 15 j 00:53	11°♊51'21	0°34'47
max. Earth dist.	-9925 Aug 15 j 09:55	12°♊27'05	1.44625 AU
desc. node	-9925 Aug 20 j 16:53	20°♊48'47	
	-9925 Aug 26 j 12:03	0°♋	
evening rise	-9925 Aug 31 j 01:18	7°♋14'49	
	-9925 Sep 14 j 13:20	0°♌	
evening max el	-9925 Sep 21 j 19:53	9°♌24'17	19°01'23
retrograde	-9925 Sep 28 j 17:48	13°♌19'39	
asc. node	-9925 Oct 01 j 04:04	12°♌45'49	
evening set	-9925 Oct 01 j 20:50	12°♌23'38	
inferior conj	-9925 Oct 07 j 16:09	6°♌35'44	2°01'01
minimum elong	-9925 Oct 07 j 13:27	6°♌44'03	2°00'34
min. Earth dist.	-9925 Oct 09 j 04:09	4°♌44'25	0.65399 AU
morning rise	-9925 Oct 13 j 05:39	0°♌23'44	
	-9925 Oct 13 j 17:10	30°℞♋	
direct	-9925 Oct 19 j 15:22	27°♋41'20	
	-9925 Oct 26 j 07:13	0°♌	
morning max el	-9925 Nov 01 j 11:06	5°♌06'56	26°32'31
desc. node	-9925 Nov 16 j 17:03	24°♌04'33	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9925 Nov 20 j 16:53	0°♍	
morning set	-9925 Dec 07 j 08:16	28°♍20'40	
	-9925 Dec 08 j 05:13	0°♎	
max. Earth dist.	-9925 Dec 11 j 15:05	6°♎37'58	1.35141 AU
superior conj	-9925 Dec 16 j 00:43	15°♎32'10	-1°32'16
minimum elong	-9925 Dec 16 j 02:41	15°♎42'18	1°32'12
	-9925 Dec 22 j 23:31	0°♏	
evening rise	-9925 Dec 23 j 14:02	1°♏15'02	
asc. node	-9925 Dec 28 j 02:02	10°♏16'13	
	-9924 Jan 09 j 18:13	0°♐	
evening max el	-9924 Jan 11 j 22:53	2°♐14'57	20°55'39
retrograde	-9924 Jan 23 j 04:19	7°♐31'48	
evening set	-9924 Jan 25 j 20:38	7°♐14'56	
inferior conj	-9924 Feb 03 j 19:00	3°♐16'35	2°15'41
minimum elong	-9924 Feb 04 j 00:12	3°♐09'04	2°13'43
min. Earth dist.	-9924 Feb 04 j 21:04	2°♐38'58	0.55538 AU
	-9924 Feb 10 j 01:02	30°℞♏	
desc. node	-9924 Feb 12 j 18:17	29°♏05'19	
morning rise	-9924 Feb 13 j 02:39	29°♏00'18	
direct	-9924 Feb 16 j 06:33	28°♏38'18	
	-9924 Feb 22 j 05:59	0°♐	
morning max el	-9924 Feb 29 j 08:03	5°♐01'16	22°36'37
	-9924 Mar 17 j 09:40	0°♑	
morning set	-9924 Mar 22 j 09:20	10°♑00'54	
asc. node	-9924 Mar 25 j 00:39	15°♑34'00	
superior conj	-9924 Mar 29 j 14:53	25°♑19'36	0°43'24
minimum elong	-9924 Mar 29 j 13:03	25°♑09'56	0°42'32
	-9924 Mar 31 j 20:18	0°♒	
max. Earth dist.	-9924 Apr 01 j 09:28	1°♒08'22	1.34245 AU
evening rise	-9924 Apr 06 j 12:35	11°♒29'44	
	-9924 Apr 16 j 15:21	0°♓	
	-9924 May 07 j 17:10	0°♈	
desc. node	-9924 May 10 j 16:57	3°♈07'55	
evening max el	-9924 May 10 j 22:15	3°♈20'55	27°16'32
retrograde	-9924 May 24 j 09:55	10°♈51'53	
evening set	-9924 May 31 j 08:28	8°♈07'20	
min. Earth dist.	-9924 Jun 04 j 01:45	4°♈33'11	0.64440 AU
inferior conj	-9924 Jun 06 j 07:58	2°♈02'04	-3°27'36
minimum elong	-9924 Jun 06 j 09:55	1°♈56'36	3°27'25
	-9924 Jun 08 j 04:56	30°℞♓	
morning rise	-9924 Jun 12 j 11:53	26°♓33'23	
direct	-9924 Jun 15 j 09:20	25°♓49'01	
asc. node	-9924 Jun 21 j 01:07	28°♓30'01	
morning max el	-9924 Jun 21 j 21:25	29°♓18'23	18°14'23
	-9924 Jun 22 j 13:23	0°♈	
morning set	-9924 Jul 10 j 07:43	27°♈22'42	
	-9924 Jul 11 j 21:08	0°♉	
superior conj	-9924 Jul 24 j 01:57	20°♉05'17	1°14'58
minimum elong	-9924 Jul 24 j 08:30	20°♉31'43	1°14'44
max. Earth dist.	-9924 Jul 28 j 02:23	26°♉31'31	1.44238 AU
	-9924 Jul 30 j 06:54	0°♊	
desc. node	-9924 Aug 06 j 14:05	11°♊28'18	
evening rise	-9924 Aug 09 j 16:21	16°♊17'33	
	-9924 Aug 18 j 13:23	0°♋	
greatest brilliancy	-9924 Aug 22 j 02:01	5°♋21'04	-0.7m
evening max el	-9924 Sep 04 j 02:55	22°♋52'38	19°52'11
retrograde	-9924 Sep 11 j 14:13	27°♋12'31	
evening set	-9924 Sep 15 j 02:27	26°♋00'59	
asc. node	-9924 Sep 17 j 01:11	24°♋21'28	
inferior conj	-9924 Sep 20 j 15:32	20°♋01'39	1°09'17
minimum elong	-9924 Sep 20 j 13:57	20°♋06'50	1°09'13
min. Earth dist.	-9924 Sep 21 j 15:35	18°♋42'46	0.66300 AU
morning rise	-9924 Sep 26 j 01:13	13°♋44'12	
direct	-9924 Oct 01 j 21:02	11°♋14'28	
morning max el	-9924 Oct 13 j 20:42	18°♋19'28	25°24'30
	-9924 Oct 23 j 18:39	0°♌	
desc. node	-9924 Nov 02 j 13:47	13°♌50'57	
	-9924 Nov 12 j 17:23	0°♍	
morning set	-9924 Nov 18 j 23:09	10°♍51'37	
max. Earth dist.	-9924 Nov 22 j 19:56	17°♍58'21	1.36752 AU
superior conj	-9924 Nov 28 j 17:31	29°♍22'42	-1°40'52
minimum elong	-9924 Nov 28 j 18:29	29°♍27'27	1°40'45
	-9924 Nov 29 j 01:02	0°♎	
evening rise	-9924 Dec 06 j 18:54	15°♎39'01	
asc. node	-9924 Dec 13 j 23:19	29°♎28'04	
	-9924 Dec 14 j 06:32	0°♏	
evening max el	-9924 Dec 24 j 09:55	14°♏00'59	19°44'12
retrograde	-9923 Jan 03 j 01:06	18°♏33'27	
evening set	-9923 Jan 05 j 13:57	18°♏16'01	
inferior conj	-9923 Jan 13 j 23:59	14°♏11'08	3°32'47
minimum elong	-9923 Jan 14 j 05:05	14°♏03'01	3°31'28
min. Earth dist.	-9923 Jan 16 j 10:35	12°♏38'30	0.56437 AU
morning rise	-9923 Jan 22 j 18:08	9°♏30'59	
direct	-9923 Jan 27 j 03:56	8°♏47'29	
desc. node	-9923 Jan 29 j 15:08	9°♏01'28	
morning max el	-9923 Feb 10 j 00:09	15°♏44'15	24°13'55
	-9923 Feb 21 j 07:43	0°♐	
morning set	-9923 Mar 06 j 21:42	25°♐05'29	
	-9923 Mar 09 j 05:16	0°♑	
asc. node	-9923 Mar 11 j 21:40	5°♑46'44	
superior conj	-9923 Mar 13 j 22:41	10°♑11'19	0°19'54
minimum elong	-9923 Mar 13 j 21:51	10°♑06'49	0°19'10
max. Earth dist.	-9923 Mar 15 j 15:15	13°♑49'02	1.33424 AU
evening rise	-9923 Mar 21 j 09:58	25°♑51'11	
	-9923 Mar 23 j 12:02	0°♒	
	-9923 Apr 10 j 02:30	0°♓	
evening max el	-9923 Apr 23 j 07:41	16°♓11'48	27°25'49
desc. node	-9923 Apr 27 j 14:16	19°♓52'19	
retrograde	-9923 May 07 j 03:32	23°♓43'15	
evening set	-9923 May 14 j 03:05	21°♓14'34	
min. Earth dist.	-9923 May 17 j 18:30	18°♓09'00	0.62802 AU
inferior conj	-9923 May 20 j 14:48	15°♓18'33	-3°39'36
minimum elong	-9923 May 20 j 15:24	15°♓17'03	3°39'48
morning rise	-9923 May 27 j 04:51	10°♓08'24	
direct	-9923 May 29 j 21:55	9°♓33'28	
morning max el	-9923 Jun 05 j 11:26	12°♓55'43	18°01'18
asc. node	-9923 Jun 07 j 21:56	15°♓40'06	
	-9923 Jun 17 j 03:13	0°♈	
morning set	-9923 Jun 22 j 08:23	9°♈09'23	
superior conj	-9923 Jul 04 j 06:01	29°♈43'42	1°40'08
minimum elong	-9923 Jul 04 j 10:16	0°♉01'29	1°40'07
	-9923 Jul 04 j 09:54	0°♉	
max. Earth dist.	-9923 Jul 10 j 15:32	10°♉16'40	1.43192 AU
evening rise	-9923 Jul 19 j 17:21	24°♉41'51	
	-9923 Jul 23 j 03:31	0°♊	
desc. node	-9923 Jul 24 j 11:23	2°♊02'17	
	-9923 Aug 12 j 18:36	0°♋	
evening max el	-9923 Aug 18 j 03:38	6°♋18'10	20°57'01
retrograde	-9923 Aug 26 j 10:52	11°♋11'15	
evening set	-9923 Aug 30 j 10:26	9°♋41'15	
asc. node	-9923 Sep 03 j 22:15	4°♋44'09	
inferior conj	-9923 Sep 04 j 19:06	3°♋33'33	0°16'56
minimum elong	-9923 Sep 04 j 18:43	3°♋34'54	0°17'21
min. Earth dist.	-9923 Sep 05 j 08:15	2°♋48'49	0.66898 AU
	-9923 Sep 07 j 11:54	30°℞♊	
morning rise	-9923 Sep 10 j 02:51	27°♊14'01	
direct	-9923 Sep 15 j 07:53	25°♊01'49	
	-9923 Sep 24 j 15:20	0°♋	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-9923 Sep 26 j 06:22	1°♋34'37	24°03'42
	-9923 Oct 17 j 20:00	0°♌	
desc. node	-9923 Oct 20 j 10:32	3°♌58'50	
morning set	-9923 Oct 31 j 16:05	22°♌14'02	
max. Earth dist.	-9923 Nov 04 j 18:37	29°♌23'33	1.38671 AU
	-9923 Nov 05 j 02:48	0°♍	
superior conj	-9923 Nov 11 j 22:05	12°♍31'37	-1°42'04
minimum elong	-9923 Nov 11 j 21:17	12°♍27'52	1°41'49
evening rise	-9923 Nov 20 j 17:32	29°♍38'55	
	-9923 Nov 20 j 21:51	0°♎	
asc. node	-9923 Nov 30 j 20:37	18°♎05'43	
evening max el	-9923 Dec 07 j 06:51	26°♎19'34	18°51'50
	-9923 Dec 13 j 05:04	0°♏	
retrograde	-9923 Dec 15 j 13:53	0°♏19'14	
evening set	-9923 Dec 18 j 01:53	29°♎58'56	
	-9923 Dec 18 j 00:14	30°℞♎	
inferior conj	-9923 Dec 25 j 22:03	25°♎36'59	4°10'27
minimum elong	-9923 Dec 25 j 23:56	25°♎33'32	4°10'08
min. Earth dist.	-9923 Dec 29 j 01:31	23°♎20'14	0.57958 AU
morning rise	-9922 Jan 02 j 19:56	20°♎31'50	
direct	-9922 Jan 08 j 12:52	19°♎13'32	
desc. node	-9922 Jan 16 j 11:55	21°♎40'27	
morning max el	-9922 Jan 22 j 15:25	26°♎29'11	25°44'30
	-9922 Jan 26 j 00:06	0°♏	
	-9922 Feb 14 j 09:08	0°♐	
morning set	-9922 Feb 19 j 09:56	10°♐10'22	
superior conj	-9922 Feb 26 j 09:22	25°♐12'16	-0°03'52
minimum elong	-9922 Feb 26 j 09:33	25°♐13'18	0°04'24
behind sun begin	-9922 Feb 26 j 04:43	24°♐46'54	
behind sun end	-9922 Feb 26 j 14:24	25°♐39'41	
asc. node	-9922 Feb 26 j 18:46	26°♐03'27	
max. Earth dist.	-9922 Feb 27 j 02:42	26°♐46'38	1.32928 AU
	-9922 Feb 28 j 14:22	0°♑	
evening rise	-9922 Mar 05 j 14:02	10°♑32'57	
	-9922 Mar 15 j 19:26	0°♒	
evening max el	-9922 Apr 05 j 13:05	28°♒29'16	27°02'42
	-9922 Apr 07 j 04:29	0°♓	
desc. node	-9922 Apr 14 j 11:32	4°♓50'31	
retrograde	-9922 Apr 19 j 14:14	5°♓57'18	
evening set	-9922 Apr 26 j 05:09	3°♓57'06	
min. Earth dist.	-9922 Apr 30 j 02:08	1°♓07'05	0.60879 AU
	-9922 May 01 j 09:17	30°℞♒	
inferior conj	-9922 May 03 j 08:43	28°♒14'50	-3°34'00
minimum elong	-9922 May 03 j 07:17	28°♒18'01	3°34'15
morning rise	-9922 May 10 j 11:28	23°♒24'49	
direct	-9922 May 13 j 00:44	22°♒58'04	
morning max el	-9922 May 20 j 00:30	26°♒24'56	18°06'55
	-9922 May 23 j 03:48	0°♓	
asc. node	-9922 May 25 j 18:46	3°♓43'54	
morning set	-9922 Jun 05 j 04:13	21°♓52'38	
	-9922 Jun 09 j 14:10	0°♈	
superior conj	-9922 Jun 15 j 13:25	10°♈43'51	1°49'37
minimum elong	-9922 Jun 15 j 14:08	10°♈46'58	1°49'39
max. Earth dist.	-9922 Jun 22 j 22:45	23°♈25'08	1.41639 AU
	-9922 Jun 26 j 22:31	0°♉	
evening rise	-9922 Jun 29 j 02:22	3°♉29'28	
desc. node	-9922 Jul 11 j 08:44	22°♉26'41	
	-9922 Jul 16 j 12:46	0°♊	
evening max el	-9922 Jul 31 j 21:31	19°♊40'20	22°12'47
retrograde	-9922 Aug 10 j 06:03	25°♊13'18	
evening set	-9922 Aug 14 j 18:48	23°♊22'48	
inferior conj	-9922 Aug 20 j 00:57	17°♊09'45	-0°34'07
minimum elong	-9922 Aug 20 j 01:40	17°♊07'15	0°33'16
min. Earth dist.	-9922 Aug 20 j 03:43	17°♊00'10	0.67205 AU
asc. node	-9922 Aug 21 j 19:16	14°♊45'49	
morning rise	-9922 Aug 25 j 08:26	10°♊51'44	
direct	-9922 Aug 29 j 23:25	8°♊58'32	
morning max el	-9922 Sep 08 j 18:06	14°♊51'08	22°39'09
	-9922 Sep 20 j 22:05	0°♋	
desc. node	-9922 Oct 07 j 07:25	24°♋22'00	
	-9922 Oct 10 j 20:21	0°♌	
morning set	-9922 Oct 12 j 06:36	2°♌18'36	
max. Earth dist.	-9922 Oct 17 j 17:39	11°♌22'46	1.40668 AU
superior conj	-9922 Oct 25 j 09:35	24°♌46'23	-1°33'23
minimum elong	-9922 Oct 25 j 06:32	24°♌32'38	1°32'49
	-9922 Oct 28 j 06:31	0°♍	
evening rise	-9922 Nov 04 j 07:09	13°♍08'08	
	-9922 Nov 13 j 15:58	0°♎	
asc. node	-9922 Nov 17 j 17:55	5°♎58'26	
evening max el	-9922 Nov 20 j 12:03	9°♎06'19	18°19'43
retrograde	-9922 Nov 27 j 20:20	12°♎46'05	
evening set	-9922 Nov 30 j 08:40	12°♎21'27	
inferior conj	-9922 Dec 07 j 15:41	7°♎38'27	4°13'21
minimum elong	-9922 Dec 07 j 14:17	7°♎41'24	4°13'16
min. Earth dist.	-9922 Dec 10 j 21:02	4°♎56'26	0.59803 AU
morning rise	-9922 Dec 14 j 18:15	2°♎12'41	
direct	-9922 Dec 21 j 09:35	0°♎15'52	
desc. node	-9921 Jan 03 j 08:41	6°♎39'23	
morning max el	-9921 Jan 04 j 11:13	7°♎41'20	26°53'28
	-9921 Jan 21 j 09:02	0°♏	
morning set	-9921 Feb 03 j 20:12	25°♏08'41	
	-9921 Feb 06 j 03:28	0°♐	
superior conj	-9921 Feb 10 j 21:12	10°♐16'06	-0°27'00
minimum elong	-9921 Feb 10 j 22:19	10°♐22'12	0°27'19
max. Earth dist.	-9921 Feb 10 j 16:11	9°♐48'44	1.32756 AU
asc. node	-9921 Feb 13 j 15:55	16°♐19'50	
evening rise	-9921 Feb 17 j 22:24	25°♐26'42	
	-9921 Feb 20 j 03:36	0°♑	
	-9921 Mar 09 j 19:42	0°♒	
evening max el	-9921 Mar 18 j 13:00	10°♒08'29	26°08'08
desc. node	-9921 Apr 01 j 08:44	17°♒27'33	
retrograde	-9921 Apr 01 j 16:13	17°♒27'48	
evening set	-9921 Apr 07 j 11:58	16°♒03'41	
min. Earth dist.	-9921 Apr 12 j 02:17	13°♒13'43	0.58875 AU
inferior conj	-9921 Apr 15 j 10:03	10°♒42'03	-3°04'04
minimum elong	-9921 Apr 15 j 06:33	10°♒48'45	3°03'56
morning rise	-9921 Apr 23 j 04:07	6°♒12'09	
direct	-9921 Apr 25 j 13:39	5°♒52'19	
morning max el	-9921 May 03 j 09:43	9°♒37'15	18°31'47
asc. node	-9921 May 12 j 15:38	22°♒28'51	
	-9921 May 16 j 18:57	0°♓	
morning set	-9921 May 19 j 14:30	5°♓21'11	
superior conj	-9921 May 28 j 20:18	22°♓55'18	1°46'38
minimum elong	-9921 May 28 j 18:32	22°♓47'06	1°46'26
	-9921 Jun 01 j 17:22	0°♈	
max. Earth dist.	-9921 Jun 05 j 00:24	5°♈49'47	1.39804 AU
evening rise	-9921 Jun 09 j 11:49	13°♈29'03	
	-9921 Jun 19 j 18:31	0°♉	
desc. node	-9921 Jun 28 j 06:08	12°♉36'06	
	-9921 Jul 11 j 14:21	0°♊	
evening max el	-9921 Jul 14 j 10:02	3°♊01'05	23°34'25
retrograde	-9921 Jul 24 j 22:21	9°♊14'55	
evening set	-9921 Jul 30 j 01:39	7°♊03'33	
inferior conj	-9921 Aug 04 j 07:15	0°♊47'58	-1°22'22
minimum elong	-9921 Aug 04 j 08:56	0°♊42'14	1°21'16
min. Earth dist.	-9921 Aug 03 j 23:31	1°♊14'32	0.67221 AU
	-9921 Aug 04 j 21:16	30°℞♉	
asc. node	-9921 Aug 08 j 16:15	25°♉26'40	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-9921 Aug 09 j 16:07	24°♉35'04	
direct	-9921 Aug 13 j 18:34	23°♉00'28	
morning max el	-9921 Aug 22 j 10:27	28°♉10'28	21°18'35
	-9921 Aug 24 j 02:58	0°♊	
	-9921 Sep 14 j 14:03	0°♋	
morning set	-9921 Sep 21 j 19:58	11°♋12'16	
desc. node	-9921 Sep 24 j 04:21	14°♋54'51	
max. Earth dist.	-9921 Sep 29 j 22:08	24°♋09'59	1.42466 AU
	-9921 Oct 03 j 10:50	0°♌	
superior conj	-9921 Oct 06 j 22:09	5°♌51'44	-1°12'16
minimum elong	-9921 Oct 06 j 17:22	5°♌31'21	1°11'18
evening rise	-9921 Oct 18 j 07:55	25°♌57'29	
	-9921 Oct 20 j 13:49	0°♍	
evening max el	-9921 Nov 03 j 22:46	22°♍13'28	18°07'34
asc. node	-9921 Nov 04 j 15:11	22°♍52'46	
retrograde	-9921 Nov 10 j 17:52	25°♍45'15	
evening set	-9921 Nov 13 j 07:52	25°♍14'44	
inferior conj	-9921 Nov 20 j 02:55	20°♍10'20	3°51'56
minimum elong	-9921 Nov 19 j 23:40	20°♍18'09	3°51'34
min. Earth dist.	-9921 Nov 23 j 00:09	17°♍24'29	0.61668 AU
morning rise	-9921 Nov 26 j 14:21	14°♍28'01	
direct	-9921 Dec 03 j 15:45	12°♍01'06	
morning max el	-9921 Dec 17 j 13:16	19°♍32'07	27°30'42
desc. node	-9921 Dec 21 j 05:26	23°♍23'41	
	-9921 Dec 26 j 14:14	0°♎	
	-9920 Jan 14 j 02:35	0°♏	
morning set	-9920 Jan 19 j 02:33	9°♏53'16	
max. Earth dist.	-9920 Jan 25 j 04:10	22°♏43'07	1.32922 AU
superior conj	-9920 Jan 26 j 08:30	25°♏16'50	-0°48'47
minimum elong	-9920 Jan 26 j 10:21	25°♏26'51	0°48'54
	-9920 Jan 28 j 12:33	0°♐	
asc. node	-9920 Jan 31 j 13:06	6°♐31'54	
evening rise	-9920 Feb 02 j 09:09	10°♐25'34	
	-9920 Feb 12 j 13:26	0°♑	
evening max el	-9920 Feb 28 j 08:03	21°♑15'29	24°48'43
retrograde	-9920 Mar 13 j 06:55	28°♑16'34	
evening set	-9920 Mar 18 j 00:10	27°♑25'47	
desc. node	-9920 Mar 18 j 05:52	27°♑20'39	
min. Earth dist.	-9920 Mar 23 j 21:17	24°♑22'52	0.57090 AU
inferior conj	-9920 Mar 26 j 15:59	22°♑32'49	-2°03'11
minimum elong	-9920 Mar 26 j 12:00	22°♑39'26	2°02'41
morning rise	-9920 Apr 04 j 03:00	18°♑20'23	
direct	-9920 Apr 06 j 09:19	18°♑05'36	
morning max el	-9920 Apr 15 j 12:05	22°♑23'21	19°16'27
	-9920 Apr 21 j 16:23	0°♒	
asc. node	-9920 Apr 28 j 12:32	11°♒45'21	
morning set	-9920 May 02 j 11:19	19°♒25'37	
	-9920 May 07 j 18:59	0°♓	
superior conj	-9920 May 10 j 21:08	6°♓03'34	1°34'55
minimum elong	-9920 May 10 j 18:17	5°♓49'43	1°34'22
max. Earth dist.	-9920 May 17 j 01:10	17°♓42'55	1.37938 AU
evening rise	-9920 May 21 j 00:29	24°♓51'22	
	-9920 May 23 j 23:39	0°♈	
	-9920 Jun 12 j 09:19	0°♉	
desc. node	-9920 Jun 14 j 03:31	2°♉24'08	
evening max el	-9920 Jun 25 j 20:11	16°♉24'15	24°54'39
retrograde	-9920 Jul 07 j 10:48	23°♉13'08	
evening set	-9920 Jul 13 j 05:04	20°♉42'52	
min. Earth dist.	-9920 Jul 17 j 17:10	15°♉31'01	0.66923 AU
inferior conj	-9920 Jul 18 j 12:18	14°♉27'16	-2°06'19
minimum elong	-9920 Jul 18 j 14:39	14°♉19'27	2°05'12
morning rise	-9920 Jul 24 j 00:10	8°♉22'58	
asc. node	-9920 Jul 25 j 13:12	7°♉31'05	
direct	-9920 Jul 27 j 16:03	7°♉05'17	
morning max el	-9920 Aug 04 j 09:19	11°♉36'32	20°07'56
	-9920 Aug 18 j 02:21	0°♊	
morning set	-9920 Aug 30 j 21:47	19°♊36'34	
	-9920 Sep 06 j 13:08	0°♋	
desc. node	-9920 Sep 10 j 01:20	5°♋33'37	
max. Earth dist.	-9920 Sep 11 j 09:31	7°♋42'04	1.43814 AU
superior conj	-9920 Sep 16 j 07:14	15°♋37'09	-0°37'27
minimum elong	-9920 Sep 16 j 03:26	15°♋21'38	0°36'24
	-9920 Sep 24 j 23:15	0°♌	
evening rise	-9920 Sep 29 j 15:09	7°♌56'20	
	-9920 Oct 13 j 00:50	0°♍	
evening max el	-9920 Oct 17 j 12:02	5°♍33'25	18°14'26
asc. node	-9920 Oct 21 j 12:27	8°♍32'54	
retrograde	-9920 Oct 24 j 02:26	9°♍07'29	
evening set	-9920 Oct 26 j 19:50	8°♍29'06	
inferior conj	-9920 Nov 02 j 04:21	3°♍05'12	3°15'16
minimum elong	-9920 Nov 02 j 00:40	3°♍15'10	3°14'39
min. Earth dist.	-9920 Nov 04 j 12:56	0°♍32'53	0.63347 AU
	-9920 Nov 05 j 01:37	30°℞♌	
morning rise	-9920 Nov 08 j 04:46	27°♌09'00	
direct	-9920 Nov 15 j 05:22	24°♌26'02	
	-9920 Nov 26 j 16:31	0°♍	
morning max el	-9920 Nov 28 j 20:26	1°♍59'52	27°32'53
desc. node	-9920 Dec 07 j 02:08	11°♍23'12	
	-9920 Dec 19 j 18:33	0°♎	
morning set	-9919 Jan 02 j 02:28	24°♎15'02	
	-9919 Jan 04 j 22:21	0°♏	
max. Earth dist.	-9919 Jan 07 j 10:53	5°♏16'29	1.33462 AU
superior conj	-9919 Jan 09 j 17:30	10°♏07'24	-1°08'23
minimum elong	-9919 Jan 09 j 19:46	10°♏19'31	1°08'23
evening rise	-9919 Jan 16 j 20:29	25°♏22'21	
asc. node	-9919 Jan 17 j 10:18	26°♏34'35	
	-9919 Jan 19 j 02:12	0°♐	
	-9919 Feb 06 j 23:16	0°♑	
evening max el	-9919 Feb 09 j 01:14	2°♑06'01	23°16'06
retrograde	-9919 Feb 22 j 08:38	8°♑35'42	
evening set	-9919 Feb 25 j 23:54	8°♑06'47	
desc. node	-9919 Mar 05 j 02:56	4°♑54'27	
min. Earth dist.	-9919 Mar 05 j 13:08	4°♑39'36	0.55846 AU
inferior conj	-9919 Mar 07 j 02:45	3°♑44'05	-0°31'03
minimum elong	-9919 Mar 07 j 01:24	3°♑46'03	0°31'12
	-9919 Mar 14 j 21:49	30°℞♐	
morning rise	-9919 Mar 16 j 05:06	29°♐41'53	
direct	-9919 Mar 18 j 11:24	29°♐29'16	
	-9919 Mar 21 j 21:57	0°♑	
morning max el	-9919 Mar 29 j 04:49	4°♑32'55	20°20'54
	-9919 Apr 14 j 16:27	0°♒	
asc. node	-9919 Apr 15 j 09:25	1°♒24'43	
morning set	-9919 Apr 16 j 15:25	3°♒56'01	
superior conj	-9919 Apr 24 j 10:55	19°♒53'43	1°17'27
minimum elong	-9919 Apr 24 j 08:01	19°♒39'04	1°16'39
max. Earth dist.	-9919 Apr 29 j 06:46	29°♒26'33	1.36248 AU
	-9919 Apr 29 j 13:42	0°♓	
evening rise	-9919 May 03 j 11:39	7°♓23'07	
	-9919 May 16 j 17:34	0°♈	
desc. node	-9919 Jun 01 j 00:55	21°♈41'15	
	-9919 Jun 08 j 11:00	0°♉	
evening max el	-9919 Jun 08 j 06:14	29°♈48'16	26°05'12
retrograde	-9919 Jun 20 j 18:45	7°♉02'21	
evening set	-9919 Jun 27 j 02:54	4°♉18'34	
	-9919 Jul 01 j 01:49	30°℞♈	
min. Earth dist.	-9919 Jul 01 j 06:18	29°♈45'58	0.66264 AU
inferior conj	-9919 Jul 02 j 14:10	28°♈05'09	-2°44'25
minimum elong	-9919 Jul 02 j 16:48	27°♈56'48	2°43'32

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning rise	-9919 Jul 08 j 06:46	22°♈12'41		
direct	-9919 Jul 11 j 14:01	21°♈09'47		
asc. node	-9919 Jul 12 j 10:05	21°♈13'42		
morning max el	-9919 Jul 18 j 14:42	25°♈09'53	19°11'04	
	-9919 Jul 22 j 16:16	0°♉		
morning set	-9919 Aug 10 j 08:52	28°♉29'49		
	-9919 Aug 11 j 07:41	0°♊		
max. Earth dist.	-9919 Aug 25 j 01:32	21°♊42'15	1.44531 AU	
superior conj	-9919 Aug 26 j 15:34	24°♊12'52	0°07'48	
minimum elong	-9919 Aug 26 j 16:36	24°♊16'59	0°08'14	
behind sun begin	-9919 Aug 26 j 06:41	23°♊37'42		
behind sun end	-9919 Aug 27 j 02:30	24°♊56'16		
desc. node	-9919 Aug 27 j 22:24	26°♊15'16		
	-9919 Aug 30 j 06:53	0°♋		
evening rise	-9919 Sep 10 j 23:28	18°♋52'09		
	-9919 Sep 17 j 19:06	0°♌		
evening max el	-9919 Oct 01 j 00:54	19°♌00'12	18°39'17	
retrograde	-9919 Oct 07 j 18:08	22°♌45'35		
asc. node	-9919 Oct 08 j 09:40	22°♌43'14		
evening set	-9919 Oct 10 j 16:58	21°♌56'51		
inferior conj	-9919 Oct 16 j 16:36	16°♌16'31	2°29'40	
minimum elong	-9919 Oct 16 j 13:23	16°♌26'02	2°29'04	
min. Earth dist.	-9919 Oct 18 j 11:49	14°♌08'33	0.64738 AU	
morning rise	-9919 Oct 22 j 09:18	10°♌09'15		
direct	-9919 Oct 29 j 01:40	7°♌23'40		
morning max el	-9919 Nov 11 j 06:18	14°♌55'08	27°02'29	
desc. node	-9919 Nov 23 j 22:48	0°♍15'57		
	-9919 Nov 23 j 18:13	0°♍		
	-9919 Dec 12 j 09:53	0°♎		
morning set	-9919 Dec 16 j 16:56	8°♎04'14		
max. Earth dist.	-9919 Dec 21 j 08:49	17°♎19'32	1.34408 AU	
superior conj	-9919 Dec 24 j 22:14	24°♎41'09	-1°24'46	
minimum elong	-9919 Dec 25 j 00:29	24°♎52'53	1°24'43	
	-9919 Dec 27 j 10:45	0°♏		
evening rise	-9918 Jan 01 j 06:44	10°♏11'09		
asc. node	-9918 Jan 04 j 07:33	16°♏22'45		
	-9918 Jan 11 j 18:44	0°♐		
evening max el	-9918 Jan 21 j 21:58	13°♐04'32	21°43'55	
retrograde	-9918 Feb 03 j 00:45	18°♐50'11		
evening set	-9918 Feb 05 j 22:18	18°♐31'21		
inferior conj	-9918 Feb 15 j 01:08	14°♐28'31	1°17'14	
minimum elong	-9918 Feb 15 j 04:26	14°♐23'49	1°15'38	
min. Earth dist.	-9918 Feb 15 j 03:34	14°♐25'03	0.55395 AU	
desc. node	-9918 Feb 19 j 23:54	11°♐51'14		
morning rise	-9918 Feb 24 j 10:43	10°♐22'10		
direct	-9918 Feb 27 j 02:21	10°♐06'28		
morning max el	-9918 Mar 11 j 10:29	16°♐02'02	21°43'15	
	-9918 Mar 22 j 02:19	0°♑		
morning set	-9918 Apr 01 j 00:17	18°♑44'45		
asc. node	-9918 Apr 02 j 06:20	21°♑20'50		
	-9918 Apr 06 j 09:13	0°♒		
superior conj	-9918 Apr 08 j 09:53	4°♒14'39	0°56'28	
minimum elong	-9918 Apr 08 j 07:33	4°♒02'32	0°55'33	
max. Earth dist.	-9918 Apr 11 j 21:24	11°♒24'05	1.34870 AU	
evening rise	-9918 Apr 16 j 15:41	20°♒48'14		
	-9918 Apr 21 j 14:16	0°♓		
	-9918 May 10 j 14:25	0°♈		
desc. node	-9918 May 18 j 22:19	10°♈14'24		
evening max el	-9918 May 21 j 16:54	13°♈07'08	26°57'36	
retrograde	-9918 Jun 03 j 21:46	20°♈35'25		
evening set	-9918 Jun 10 j 16:37	17°♈47'21		
min. Earth dist.	-9918 Jun 14 j 12:44	13°♈53'19	0.65215 AU	
inferior conj	-9918 Jun 16 j 10:41	11°♈38'17	-3°14'45	
minimum elong	-9918 Jun 16 j 13:05	11°♈31'13	3°14'17	
morning rise	-9918 Jun 22 j 09:55	6°♈00'25		
direct	-9918 Jun 25 j 10:24	5°♈10'01		
asc. node	-9918 Jun 29 j 06:55	6°♈28'23		
morning max el	-9918 Jul 02 j 01:10	8°♈47'59	18°30'10	
	-9918 Jul 16 j 15:22	0°♉		
morning set	-9918 Jul 21 j 18:50	8°♉27'03		
	-9918 Aug 04 j 02:30	0°♊		
superior conj	-9918 Aug 05 j 15:20	2°♊26'28	0°53'19	
minimum elong	-9918 Aug 05 j 21:13	2°♊49'52	0°53'09	
max. Earth dist.	-9918 Aug 07 j 18:32	5°♊49'30	1.44540 AU	
desc. node	-9918 Aug 14 j 19:34	16°♊56'19		
evening rise	-9918 Aug 22 j 04:56	28°♊34'14		
	-9918 Aug 23 j 02:44	0°♋		
greatest brilliancy	-9918 Aug 31 j 12:39	13°♋10'44	-0.8m	
	-9918 Sep 12 j 05:46	0°♌		
evening max el	-9918 Sep 14 j 10:41	2°♌28'37	19°21'03	
retrograde	-9918 Sep 21 j 13:38	6°♌33'47		
evening set	-9918 Sep 24 j 20:13	5°♌31'38		
asc. node	-9918 Sep 25 j 06:50	5°♌13'49		
	-9918 Sep 30 j 05:50	30°℞♋		
inferior conj	-9918 Sep 30 j 12:39	29°♋38'19	1°39'17	
minimum elong	-9918 Sep 30 j 10:25	29°♋45'26	1°38'59	
min. Earth dist.	-9918 Oct 01 j 19:24	28°♋00'26	0.65816 AU	
morning rise	-9918 Oct 06 j 00:15	23°♋23'17		
direct	-9918 Oct 12 j 04:08	20°♋45'32		
morning max el	-9918 Oct 24 j 16:25	28°♋04'35	26°05'42	
	-9918 Oct 26 j 13:01	0°♌		
desc. node	-9918 Nov 10 j 19:30	19°♌45'45		
	-9918 Nov 17 j 11:32	0°♍		
morning set	-9918 Nov 29 j 17:52	21°♍07'47		
max. Earth dist.	-9918 Dec 03 j 19:32	28°♍50'21	1.35781 AU	
	-9918 Dec 04 j 09:52	0°♎		
superior conj	-9918 Dec 08 j 20:15	8°♎49'41	-1°36'42	
minimum elong	-9918 Dec 08 j 21:52	8°♎57'57	1°36'37	
evening rise	-9918 Dec 16 j 14:07	24°♎45'20		
	-9918 Dec 19 j 04:26	0°♏		
asc. node	-9918 Dec 22 j 04:50	5°♏49'45		
evening max el	-9917 Jan 04 j 03:09	24°♏30'31	20°23'00	
retrograde	-9917 Jan 14 j 16:25	29°♏27'47		
evening set	-9917 Jan 17 j 06:22	29°♏11'16		
inferior conj	-9917 Jan 25 j 23:57	25°♏11'51	2°53'00	
minimum elong	-9917 Jan 26 j 05:39	25°♏03'19	2°51'08	
min. Earth dist.	-9917 Jan 27 j 17:30	24°♏09'52	0.55825 AU	
morning rise	-9917 Feb 04 j 03:11	20°♏45'45		
desc. node	-9917 Feb 06 j 20:47	20°♏18'24		
direct	-9917 Feb 07 j 18:34	20°♏16'32		
morning max el	-9917 Feb 21 j 06:20	26°♏56'38	23°17'57	
	-9917 Feb 24 j 04:40	0°♐		
	-9917 Mar 14 j 16:19	0°♑		
morning set	-9917 Mar 16 j 11:53	3°♑45'11		
asc. node	-9917 Mar 20 j 03:20	11°♑28'45		
superior conj	-9917 Mar 23 j 15:08	18°♑57'22	0°33'32	
minimum elong	-9917 Mar 23 j 13:42	18°♑49'47	0°32'41	
max. Earth dist.	-9917 Mar 25 j 22:04	23°♑48'26	1.33847 AU	
	-9917 Mar 28 j 21:42	0°♒		
evening rise	-9917 Mar 31 j 07:49	4°♒52'41		
	-9917 Apr 14 j 07:13	0°♓		
evening max el	-9917 May 04 j 03:23	26°♓11'41	27°24'23	
desc. node	-9917 May 05 j 19:40	27°♓45'33		
	-9917 May 08 j 13:24	0°♈		
retrograde	-9917 May 17 j 19:20	3°♈44'30		
evening set	-9917 May 24 j 19:13	1°♈04'50		
	-9917 May 26 j 02:45	30°℞♓		
min. Earth dist.	-9917 May 28 j 10:56	27°♓44'08	0.63775 AU	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

inferior conj	-9917 May 30 j 23:25	25°♓02'47	-3°34'34
minimum elong	-9917 May 31 j 00:53	24°♓58'50	3°34'33
morning rise	-9917 Jun 06 j 07:21	19°♓41'51	
direct	-9917 Jun 09 j 02:41	19°♓01'51	
morning max el	-9917 Jun 15 j 14:36	22°♓27'15	18°06'38
asc. node	-9917 Jun 16 j 03:44	23°♓01'00	
	-9917 Jun 21 j 11:45	0°♈	
morning set	-9917 Jul 03 j 06:20	19°♈35'55	
	-9917 Jul 09 j 08:45	0°♉	
superior conj	-9917 Jul 16 j 05:00	11°♉22'21	1°27'39
minimum elong	-9917 Jul 16 j 10:58	11°♉46'46	1°27'31
max. Earth dist.	-9917 Jul 21 j 09:25	19°♉45'56	1.43857 AU
	-9917 Jul 27 j 20:23	0°♊	
evening rise	-9917 Aug 01 j 11:41	7°♊14'00	
desc. node	-9917 Aug 01 j 16:50	7°♊33'58	
	-9917 Aug 16 j 11:30	0°♋	
evening max el	-9917 Aug 28 j 15:12	15°♋56'03	20°18'11
retrograde	-9917 Sep 05 j 10:25	20°♋29'20	
evening set	-9917 Sep 09 j 03:06	19°♋10'30	
asc. node	-9917 Sep 12 j 03:56	16°♋13'58	
inferior conj	-9917 Sep 14 j 14:07	13°♋07'21	0°47'02
minimum elong	-9917 Sep 14 j 13:02	13°♋10'57	0°47'12
min. Earth dist.	-9917 Sep 15 j 09:30	12°♋02'32	0.66590 AU
morning rise	-9917 Sep 19 j 22:44	6°♋48'21	
direct	-9917 Sep 25 j 12:19	4°♋25'25	
morning max el	-9917 Oct 07 j 01:50	11°♋18'35	24°51'02
	-9917 Oct 22 j 01:52	0°♌	
desc. node	-9917 Oct 28 j 16:16	9°♌42'08	
	-9917 Nov 10 j 04:16	0°♍	
morning set	-9917 Nov 12 j 00:08	3°♍11'26	
max. Earth dist.	-9917 Nov 15 j 20:30	10°♍06'31	1.37545 AU
superior conj	-9917 Nov 22 j 08:23	22°♍23'56	-1°42'25
minimum elong	-9917 Nov 22 j 08:41	22°♍25'25	1°42'16
	-9917 Nov 26 j 04:48	0°♎	
evening rise	-9917 Nov 30 j 16:38	8°♎59'30	
asc. node	-9917 Dec 09 j 02:09	24°♎48'04	
	-9917 Dec 12 j 09:13	0°♏	
evening max el	-9917 Dec 17 j 18:37	6°♏31'07	19°19'26
retrograde	-9917 Dec 26 j 19:00	10°♏47'30	
evening set	-9917 Dec 29 j 07:17	10°♏29'06	
inferior conj	-9916 Jan 06 j 11:30	6°♏18'13	3°53'33
minimum elong	-9916 Jan 06 j 15:25	6°♏11'38	3°52'44
min. Earth dist.	-9916 Jan 09 j 07:34	4°♏24'38	0.57029 AU
morning rise	-9916 Jan 14 j 21:18	1°♏26'55	
direct	-9916 Jan 19 j 21:08	0°♏29'30	
desc. node	-9916 Jan 24 j 17:37	1°♏24'13	
morning max el	-9916 Feb 02 j 21:08	7°♏36'24	24°54'08
	-9916 Feb 19 j 06:45	0°♐	
morning set	-9916 Feb 29 j 00:23	18°♐50'14	
	-9916 Mar 05 j 05:19	0°♑	
asc. node	-9916 Mar 06 j 00:22	1°♑43'28	
superior conj	-9916 Mar 07 j 00:22	3°♑53'38	0°09'49
minimum elong	-9916 Mar 06 j 23:59	3°♑51'29	0°09'09
behind sun begin	-9916 Mar 06 j 19:49	3°♑28'56	
behind sun end	-9916 Mar 07 j 04:08	4°♑14'01	
max. Earth dist.	-9916 Mar 08 j 06:35	6°♑36'55	1.33172 AU
evening rise	-9916 Mar 14 j 08:23	19°♑23'55	
	-9916 Mar 19 j 18:18	0°♒	
	-9916 Apr 07 j 16:13	0°♓	
evening max el	-9916 Apr 15 j 11:30	8°♓49'46	27°20'10
desc. node	-9916 Apr 21 j 16:59	13°♓48'43	
retrograde	-9916 Apr 29 j 10:15	16°♓20'15	
evening set	-9916 May 06 j 07:12	14°♓02'39	
min. Earth dist.	-9916 May 09 j 23:57	11°♓05'12	0.62001 AU
inferior conj	-9916 May 13 j 01:12	8°♓11'38	-3°39'49
minimum elong	-9916 May 13 j 01:00	8°♓12'07	3°40'06
morning rise	-9916 May 19 j 20:18	3°♓09'38	
direct	-9916 May 22 j 11:38	2°♓38'21	
morning max el	-9916 May 29 j 04:30	6°♓01'25	18°01'21
asc. node	-9916 Jun 02 j 00:33	10°♓35'11	
	-9916 Jun 13 j 15:49	0°♈	
morning set	-9916 Jun 14 j 15:46	1°♈47'46	
superior conj	-9916 Jun 25 j 20:43	21°♈34'47	1°45'57
minimum elong	-9916 Jun 25 j 23:25	21°♈46'20	1°45'58
	-9916 Jun 30 j 20:32	0°♉	
max. Earth dist.	-9916 Jul 02 j 19:56	3°♉15'41	1.42580 AU
evening rise	-9916 Jul 10 j 13:16	15°♉39'47	
desc. node	-9916 Jul 18 j 14:10	28°♉04'05	
	-9916 Jul 19 j 20:53	0°♊	
evening max el	-9916 Aug 10 j 13:05	29°♊20'11	21°28'17
	-9916 Aug 11 j 05:06	0°♋	
retrograde	-9916 Aug 19 j 06:31	4°♋29'19	
evening set	-9916 Aug 23 j 11:29	2°♋50'52	
	-9916 Aug 26 j 06:32	30°℞♊	
inferior conj	-9916 Aug 28 j 18:53	26°♊40'51	-0°04'57
minimum elong	-9916 Aug 28 j 18:58	26°♊40'32	0°04'20
transit middle	-9916 Aug 28 j 18:58	26°♊40'32	0°04'20
transit begin	-9916 Aug 28 j 16:22	26°♊49'30	
transit end	-9916 Aug 28 j 21:35	26°♊31'33	
min. Earth dist.	-9916 Aug 29 j 03:39	26°♊10'43	0.67065 AU
asc. node	-9916 Aug 29 j 00:59	26°♊19'53	
morning rise	-9916 Sep 03 j 02:18	20°♊21'36	
direct	-9916 Sep 08 j 01:21	18°♊17'10	
morning max el	-9916 Sep 18 j 11:51	24°♊33'07	23°27'41
	-9916 Sep 23 j 08:18	0°♋	
desc. node	-9916 Oct 14 j 13:07	29°♋57'18	
	-9916 Oct 14 j 13:49	0°♌	
morning set	-9916 Oct 23 j 06:15	14°♌01'25	
max. Earth dist.	-9916 Oct 27 j 18:27	21°♌43'03	1.39528 AU
	-9916 Nov 01 j 10:21	0°♍	
superior conj	-9916 Nov 04 j 06:27	5°♍12'22	-1°39'46
minimum elong	-9916 Nov 04 j 04:44	5°♍04'22	1°39'24
evening rise	-9916 Nov 13 j 11:51	22°♍47'37	
	-9916 Nov 17 j 06:29	0°♎	
asc. node	-9916 Nov 24 j 23:28	13°♎08'27	
evening max el	-9916 Nov 29 j 19:31	19°♎03'34	18°35'41
retrograde	-9916 Dec 07 j 15:22	22°♎52'50	
evening set	-9916 Dec 10 j 03:35	22°♎30'41	
inferior conj	-9916 Dec 17 j 18:01	17°♎59'57	4°15'17
minimum elong	-9916 Dec 17 j 18:23	17°♎59'14	4°15'11
min. Earth dist.	-9916 Dec 20 j 23:53	15°♎30'02	0.58729 AU
morning rise	-9916 Dec 25 j 07:20	12°♎45'52	
direct	-9916 Dec 31 j 11:27	11°♎10'51	
desc. node	-9915 Jan 10 j 14:24	15°♎07'31	
morning max el	-9915 Jan 14 j 13:43	18°♎30'32	26°17'10
	-9915 Jan 24 j 06:02	0°♏	
	-9915 Feb 10 j 14:49	0°♐	
morning set	-9915 Feb 12 j 12:04	3°♐53'43	
superior conj	-9915 Feb 19 j 11:48	18°♐57'03	-0°13'47
minimum elong	-9915 Feb 19 j 12:24	19°♐00'19	0°14'13
behind sun begin	-9915 Feb 19 j 10:14	18°♐48'33	
behind sun end	-9915 Feb 19 j 14:33	19°♐12'06	
max. Earth dist.	-9915 Feb 19 j 19:35	19°♐39'32	1.32823 AU
asc. node	-9915 Feb 20 j 21:31	22°♐00'57	
	-9915 Feb 24 j 14:29	0°♑	
evening rise	-9915 Feb 26 j 14:38	4°♑12'34	
	-9915 Mar 12 j 13:55	0°♒	
evening max el	-9915 Mar 28 j 14:56	20°♒52'01	26°43'04

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

desc. node	-9915 Apr 08 j 14:12	27°♒51'23	
retrograde	-9915 Apr 11 j 17:10	28°♒16'06	
evening set	-9915 Apr 18 j 01:13	26°♒31'06	
min. Earth dist.	-9915 Apr 22 j 04:07	23°♒42'55	0.60028 AU
inferior conj	-9915 Apr 25 j 12:32	20°♒56'56	-3°24'44
minimum elong	-9915 Apr 25 j 10:09	21°♒01'53	3°24'52
morning rise	-9915 May 02 j 21:28	16°♒15'18	
direct	-9915 May 05 j 09:19	15°♒51'30	
morning max el	-9915 May 12 j 16:13	19°♒24'08	18°15'03
asc. node	-9915 May 19 j 21:24	28°♒57'40	
	-9915 May 20 j 12:36	0°♓	
morning set	-9915 May 28 j 18:18	14°♓51'36	
	-9915 Jun 05 j 21:35	0°♈	
superior conj	-9915 Jun 07 j 14:44	3°♈06'31	1°49'39
minimum elong	-9915 Jun 07 j 14:13	3°♈04'10	1°49'36
max. Earth dist.	-9915 Jun 15 j 01:04	16°♈07'16	1.40883 AU
evening rise	-9915 Jun 20 j 07:32	24°♈54'06	
	-9915 Jun 23 j 11:19	0°♉	
desc. node	-9915 Jul 05 j 11:31	18°♉22'28	
	-9915 Jul 13 j 17:09	0°♊	
evening max el	-9915 Jul 24 j 04:30	12°♊41'16	22°47'16
retrograde	-9915 Aug 03 j 00:30	18°♊31'16	
evening set	-9915 Aug 07 j 19:26	16°♊31'38	
inferior conj	-9915 Aug 13 j 01:06	10°♊17'20	-0°55'01
minimum elong	-9915 Aug 13 j 02:15	10°♊13'21	0°54'03
min. Earth dist.	-9915 Aug 12 j 23:26	10°♊23'08	0.67249 AU
asc. node	-9915 Aug 15 j 22:00	6°♊30'32	
morning rise	-9915 Aug 18 j 09:00	4°♊01'21	
direct	-9915 Aug 22 j 18:29	2°♊16'15	
morning max el	-9915 Sep 01 j 01:15	7°♊50'00	22°04'05
	-9915 Sep 17 j 23:55	0°♋	
desc. node	-9915 Oct 01 j 10:01	20°♋24'54	
morning set	-9915 Oct 03 j 09:17	23°♋32'43	
	-9915 Oct 07 j 08:56	0°♌	
max. Earth dist.	-9915 Oct 09 j 20:03	4°♌04'26	1.41472 AU
superior conj	-9915 Oct 17 j 08:56	16°♌59'20	-1°26'07
minimum elong	-9915 Oct 17 j 04:59	16°♌41'55	1°25'21
	-9915 Oct 24 j 14:15	0°♍	
evening rise	-9915 Oct 27 j 20:32	6°♍01'13	
	-9915 Nov 11 j 07:42	0°♎	
asc. node	-9915 Nov 11 j 20:46	0°♎38'12	
evening max el	-9915 Nov 13 j 03:23	1°♎59'46	18°12'07
retrograde	-9915 Nov 20 j 04:58	5°♎35'01	
evening set	-9915 Nov 22 j 17:50	5°♎08'02	
inferior conj	-9915 Nov 29 j 19:32	0°♎15'25	4°06'40
minimum elong	-9915 Nov 29 j 17:09	0°♎20'44	4°06'29
	-9915 Nov 30 j 02:25	30°℞♍	
min. Earth dist.	-9915 Dec 02 j 22:06	27°♍29'38	0.60606 AU
morning rise	-9915 Dec 06 j 15:08	24°♍42'13	
direct	-9915 Dec 13 j 12:04	22°♍31'32	
morning max el	-9915 Dec 27 j 12:19	29°♍59'07	27°13'35
	-9915 Dec 27 j 12:41	0°♎	
desc. node	-9915 Dec 28 j 11:10	0°♎55'27	
	-9914 Jan 18 j 02:16	0°♏	
morning set	-9914 Jan 27 j 20:57	18°♏47'22	
	-9914 Feb 02 j 03:29	0°♐	
superior conj	-9914 Feb 03 j 23:36	4°♐00'12	-0°36'28
minimum elong	-9914 Feb 04 j 01:03	4°♐08'09	0°36'40
max. Earth dist.	-9914 Feb 03 j 09:06	2°♐41'05	1.32793 AU
asc. node	-9914 Feb 07 j 18:41	12°♐16'03	
evening rise	-9914 Feb 11 j 00:16	19°♐09'21	
	-9914 Feb 16 j 09:42	0°♑	
	-9914 Mar 08 j 06:55	0°♒	
evening max el	-9914 Mar 10 j 12:26	2°♒15'28	25°36'35
retrograde	-9914 Mar 24 j 14:25	9°♒28'20	
desc. node	-9914 Mar 26 j 11:21	9°♒19'51	
evening set	-9914 Mar 29 j 23:44	8°♒19'02	
min. Earth dist.	-9914 Apr 04 j 01:27	5°♒25'14	0.58079 AU
inferior conj	-9914 Apr 07 j 05:48	3°♒08'59	-2°42'15
minimum elong	-9914 Apr 07 j 01:47	3°♒16'12	2°41'55
	-9914 Apr 12 j 03:41	30°℞♑	
morning rise	-9914 Apr 15 j 07:02	28°♑47'20	
direct	-9914 Apr 17 j 15:12	28°♑29'52	
	-9914 Apr 22 j 18:40	0°♒	
morning max el	-9914 Apr 25 j 22:52	2°♒26'22	18°48'22
asc. node	-9914 May 06 j 18:17	17°♒56'53	
morning set	-9914 May 12 j 09:28	28°♒36'24	
	-9914 May 13 j 02:38	0°♓	
superior conj	-9914 May 21 j 05:57	15°♓44'12	1°42'32
minimum elong	-9914 May 21 j 03:34	15°♓32'55	1°42'11
max. Earth dist.	-9914 May 28 j 01:50	28°♓16'53	1.38999 AU
	-9914 May 29 j 01:06	0°♈	
evening rise	-9914 Jun 01 j 04:48	5°♈28'59	
	-9914 Jun 16 j 13:15	0°♉	
desc. node	-9914 Jun 22 j 08:52	8°♉23'35	
evening max el	-9914 Jul 06 j 15:27	26°♉01'59	24°09'11
	-9914 Jul 11 j 04:54	0°♊	
retrograde	-9914 Jul 17 j 15:16	2°♊32'04	
evening set	-9914 Jul 23 j 01:04	0°♊11'55	
	-9914 Jul 23 j 06:23	30°℞♉	
inferior conj	-9914 Jul 28 j 07:04	23°♉55'54	-1°41'38
minimum elong	-9914 Jul 28 j 09:04	23°♉49'08	1°40'31
min. Earth dist.	-9914 Jul 27 j 18:31	24°♉38'33	0.67130 AU
morning rise	-9914 Aug 02 j 17:01	17°♉46'28	
asc. node	-9914 Aug 02 j 18:57	17°♉42'54	
direct	-9914 Aug 06 j 14:38	16°♉19'32	
morning max el	-9914 Aug 14 j 20:24	21°♉12'24	20°47'09
	-9914 Aug 22 j 01:14	0°♊	
	-9914 Sep 11 j 06:40	0°♋	
morning set	-9914 Sep 12 j 15:25	2°♋07'17	
desc. node	-9914 Sep 18 j 06:58	11°♋00'39	
max. Earth dist.	-9914 Sep 22 j 03:40	17°♋12'26	1.43098 AU
superior conj	-9914 Sep 28 j 10:05	27°♋30'40	-0°59'08
minimum elong	-9914 Sep 28 j 05:14	27°♋10'27	0°58'03
	-9914 Sep 29 j 21:41	0°♌	
evening rise	-9914 Oct 10 j 14:31	18°♌30'40	
	-9914 Oct 17 j 03:59	0°♍	
evening max el	-9914 Oct 27 j 15:29	15°♍12'37	18°08'12
asc. node	-9914 Oct 29 j 18:02	17°♍02'47	
retrograde	-9914 Nov 03 j 07:49	18°♍44'38	
evening set	-9914 Nov 05 j 22:53	18°♍11'11	
inferior conj	-9914 Nov 12 j 13:16	12°♍58'08	3°37'52
minimum elong	-9914 Nov 12 j 09:41	13°♍07'13	3°37'22
min. Earth dist.	-9914 Nov 15 j 05:22	10°♍16'09	0.62406 AU
morning rise	-9914 Nov 18 j 19:30	7°♍09'14	
direct	-9914 Nov 25 j 21:30	4°♍33'44	
morning max el	-9914 Dec 09 j 17:02	12°♍07'08	27°35'54
desc. node	-9914 Dec 15 j 07:54	18°♍14'49	
	-9914 Dec 24 j 01:16	0°♎	
	-9913 Jan 10 j 08:20	0°♏	
morning set	-9913 Jan 12 j 00:54	3°♏23'27	
max. Earth dist.	-9913 Jan 17 j 19:17	15°♏27'48	1.33106 AU
superior conj	-9913 Jan 19 j 10:08	18°♏57'10	-0°57'26
minimum elong	-9913 Jan 19 j 12:12	19°♏08'20	0°57'28
	-9913 Jan 24 j 12:46	0°♐	
asc. node	-9913 Jan 25 j 15:53	2°♐24'28	
evening rise	-9913 Jan 26 j 11:26	4°♐07'40	
	-9913 Feb 09 j 14:02	0°♑	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

evening max el	-9913 Feb 20 j 05:52	13°♑11'47	24°09'57
retrograde	-9913 Mar 06 j 00:02	20°♑02'07	
evening set	-9913 Mar 10 j 05:32	19°♑22'11	
desc. node	-9913 Mar 13 j 08:27	18°♑06'11	
min. Earth dist.	-9913 Mar 16 j 18:53	16°♑10'13	0.56478 AU
inferior conj	-9913 Mar 19 j 03:10	14°♑42'03	-1°27'26
minimum elong	-9913 Mar 18 j 23:53	14°♑47'12	1°27'02
morning rise	-9913 Mar 27 j 21:17	10°♑35'34	
direct	-9913 Mar 30 j 02:41	10°♑22'18	
morning max el	-9913 Apr 08 j 21:31	14°♑58'13	19°41'31
	-9913 Apr 19 j 16:12	0°♒	
asc. node	-9913 Apr 23 j 15:09	7°♒23'38	
morning set	-9913 Apr 26 j 09:41	12°♒52'26	
superior conj	-9913 May 04 j 12:50	29°♒11'48	1°28'03
minimum elong	-9913 May 04 j 09:51	28°♒57'07	1°27'24
	-9913 May 04 j 22:36	0°♓	
max. Earth dist.	-9913 May 10 j 03:23	10°♓00'16	1.37183 AU
evening rise	-9913 May 14 j 03:43	17°♓22'38	
	-9913 May 21 j 11:07	0°♈	
desc. node	-9913 Jun 09 j 06:15	27°♈59'42	
	-9913 Jun 10 j 19:37	0°♉	
evening max el	-9913 Jun 19 j 01:07	9°♉24'58	25°26'23
retrograde	-9913 Jul 01 j 02:02	16°♉26'51	
evening set	-9913 Jul 07 j 02:21	13°♉49'55	
min. Earth dist.	-9913 Jul 11 j 10:34	8°♉54'31	0.66681 AU
inferior conj	-9913 Jul 12 j 10:58	7°♉34'40	-2°23'20
minimum elong	-9913 Jul 12 j 13:29	7°♉26'25	2°22'18
morning rise	-9913 Jul 18 j 00:38	1°♉34'58	
asc. node	-9913 Jul 20 j 15:50	0°♉28'15	
direct	-9913 Jul 21 j 12:29	0°♉24'01	
morning max el	-9913 Jul 28 j 22:07	4°♉41'28	19°41'52
	-9913 Aug 15 j 22:52	0°♊	
morning set	-9913 Aug 22 j 18:34	10°♊36'19	
	-9913 Sep 04 j 02:38	0°♋	
max. Earth dist.	-9913 Sep 04 j 16:43	0°♋55'58	1.44195 AU
desc. node	-9913 Sep 05 j 03:58	1°♋40'43	
superior conj	-9913 Sep 08 j 07:29	6°♋42'28	-0°19'04
minimum elong	-9913 Sep 08 j 05:21	6°♋33'53	0°18'13
	-9913 Sep 22 j 11:45	0°♌	
evening rise	-9913 Sep 22 j 12:33	0°♌03'22	
evening max el	-9913 Oct 11 j 04:52	28°♌35'31	18°22'58
	-9913 Oct 12 j 17:13	0°♍	
asc. node	-9913 Oct 16 j 15:16	2°♍05'50	
retrograde	-9913 Oct 17 j 19:43	2°♍13'24	
evening set	-9913 Oct 20 j 15:05	1°♍31'06	
	-9913 Oct 22 j 21:18	30°℞♌	
inferior conj	-9913 Oct 26 j 19:39	26°♌00'08	2°56'45
minimum elong	-9913 Oct 26 j 16:05	26°♌10'11	2°56'06
min. Earth dist.	-9913 Oct 28 j 22:39	23°♌36'48	0.63973 AU
morning rise	-9913 Nov 01 j 16:24	19°♌58'46	
direct	-9913 Nov 08 j 14:17	17°♌12'46	
morning max el	-9913 Nov 22 j 01:35	24°♌47'18	27°23'37
	-9913 Nov 26 j 21:31	0°♍	
desc. node	-9913 Dec 02 j 04:37	6°♍38'56	
	-9913 Dec 17 j 09:39	0°♎	
morning set	-9913 Dec 26 j 21:15	17°♎32'47	
max. Earth dist.	-9913 Dec 31 j 22:26	27°♎47'53	1.33803 AU
	-9912 Jan 01 j 23:40	0°♏	
superior conj	-9912 Jan 03 j 17:36	3°♏41'38	-1°15'48
minimum elong	-9912 Jan 03 j 19:55	3°♏53'55	1°15'46
evening rise	-9912 Jan 10 j 22:30	19°♏01'37	
asc. node	-9912 Jan 12 j 13:06	22°♏21'40	
	-9912 Jan 16 j 09:34	0°♐	
evening max el	-9912 Feb 02 j 00:04	24°♐03'59	22°36'14
	-9912 Feb 12 j 05:24	0°♑	
retrograde	-9912 Feb 14 j 21:13	0°♑16'03	
	-9912 Feb 17 j 14:03	30°℞♐	
evening set	-9912 Feb 18 j 03:18	29°♐52'54	
min. Earth dist.	-9912 Feb 26 j 10:26	26°♐11'04	0.55544 AU
inferior conj	-9912 Feb 27 j 07:35	25°♐40'37	0°14'22
minimum elong	-9912 Feb 27 j 08:11	25°♐39'45	0°13'36
transit middle	-9912 Feb 27 j 08:11	25°♐39'45	0°13'36
transit begin	-9912 Feb 27 j 06:06	25°♐42'44	
transit end	-9912 Feb 27 j 10:15	25°♐36'46	
desc. node	-9912 Feb 28 j 05:30	25°♐09'10	
morning rise	-9912 Mar 07 j 14:21	21°♐38'17	
direct	-9912 Mar 09 j 22:56	21°♐25'13	
morning max el	-9912 Mar 21 j 09:42	26°♐51'39	20°53'50
	-9912 Mar 24 j 08:48	0°♑	
morning set	-9912 Apr 09 j 16:08	27°♑32'03	
asc. node	-9912 Apr 09 j 12:03	27°♑11'10	
	-9912 Apr 10 j 20:55	0°♒	
superior conj	-9912 Apr 17 j 06:58	13°♒16'54	1°08'53
minimum elong	-9912 Apr 17 j 04:15	13°♒03'00	1°08'01
max. Earth dist.	-9912 Apr 21 j 12:29	21°♒47'49	1.35624 AU
evening rise	-9912 Apr 25 j 22:50	0°♓20'09	
	-9912 Apr 25 j 18:33	0°♓	
	-9912 May 13 j 13:27	0°♈	
desc. node	-9912 May 26 j 03:38	17°♈00'21	
evening max el	-9912 May 31 j 11:39	22°♈48'48	26°30'11
	-9912 Jun 11 j 14:45	0°♉	
retrograde	-9912 Jun 13 j 08:00	0°♉10'10	
	-9912 Jun 14 j 23:55	30°℞♈	
evening set	-9912 Jun 19 j 21:04	27°♈23'33	
min. Earth dist.	-9912 Jun 23 j 21:15	23°♈07'19	0.65868 AU
inferior conj	-9912 Jun 25 j 10:52	21°♈11'35	-2°58'24
minimum elong	-9912 Jun 25 j 13:29	21°♈03'33	2°57'40
morning rise	-9912 Jul 01 j 06:02	15°♈24'40	
direct	-9912 Jul 04 j 10:10	14°♈27'18	
asc. node	-9912 Jul 06 j 12:41	14°♈51'37	
morning max el	-9912 Jul 11 j 05:49	18°♈17'03	18°51'29
	-9912 Jul 20 j 01:15	0°♉	
morning set	-9912 Aug 01 j 14:23	19°♉54'00	
	-9912 Aug 07 j 22:04	0°♊	
superior conj	-9912 Aug 17 j 09:26	15°♊00'53	0°27'50
minimum elong	-9912 Aug 17 j 12:54	15°♊14'39	0°27'58
max. Earth dist.	-9912 Aug 17 j 09:16	15°♊00'17	1.44628 AU
desc. node	-9912 Aug 22 j 01:03	22°♊22'19	
	-9912 Aug 26 j 20:26	0°♋	
evening rise	-9912 Sep 02 j 09:33	10°♋27'32	
	-9912 Sep 14 j 16:43	0°♌	
evening max el	-9912 Sep 23 j 16:47	12°♌03'25	18°55'11
retrograde	-9912 Sep 30 j 13:12	15°♌55'47	
asc. node	-9912 Oct 02 j 12:27	15°♌33'39	
evening set	-9912 Oct 03 j 15:08	15°♌01'41	
inferior conj	-9912 Oct 09 j 11:30	9°♌15'40	2°08'38
minimum elong	-9912 Oct 09 j 08:39	9°♌24'21	2°08'09
min. Earth dist.	-9912 Oct 11 j 01:19	7°♌19'58	0.65238 AU
morning rise	-9912 Oct 15 j 01:46	3°♌04'55	
direct	-9912 Oct 21 j 13:21	0°♌21'23	
morning max el	-9912 Nov 03 j 11:29	7°♌48'36	26°41'05
desc. node	-9912 Nov 18 j 01:18	25°♌48'45	
	-9912 Nov 20 j 22:04	0°♍	
	-9912 Dec 08 j 17:02	0°♎	
morning set	-9912 Dec 09 j 06:29	1°♎03'36	
max. Earth dist.	-9912 Dec 13 j 15:27	9°♎34'58	1.34933 AU
superior conj	-9912 Dec 17 j 19:49	18°♎05'36	-1°30'29
minimum elong	-9912 Dec 17 j 21:52	18°♎16'16	1°30'25

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9912 Dec 23 j 12:31	0°♏	
evening rise	-9912 Dec 25 j 07:44	3°♏44'42	
asc. node	-9912 Dec 29 j 10:23	12°♏01'35	
	-9911 Jan 09 j 08:03	0°♐	
evening max el	-9911 Jan 14 j 00:08	5°♐13'01	21°07'49
retrograde	-9911 Jan 25 j 11:12	10°♐37'16	
evening set	-9911 Jan 28 j 04:40	10°♐20'03	
inferior conj	-9911 Feb 06 j 04:27	6°♐21'09	2°01'04
minimum elong	-9911 Feb 06 j 09:17	6°♐14'14	1°59'07
min. Earth dist.	-9911 Feb 07 j 00:31	5°♐52'23	0.55471 AU
desc. node	-9911 Feb 14 j 02:27	2°♐30'56	
morning rise	-9911 Feb 15 j 13:04	2°♐08'01	
direct	-9911 Feb 18 j 13:23	1°♐48'01	
morning max el	-9911 Mar 03 j 10:41	8°♐04'03	22°22'26
	-9911 Mar 18 j 19:36	0°♑	
morning set	-9911 Mar 25 j 02:27	12°♑26'57	
asc. node	-9911 Mar 27 j 09:01	17°♑13'04	
superior conj	-9911 Apr 01 j 08:56	27°♑48'09	0°46'55
minimum elong	-9911 Apr 01 j 06:58	27°♑37'47	0°46'01
	-9911 Apr 02 j 10:03	0°♒	
max. Earth dist.	-9911 Apr 04 j 07:51	3°♒58'01	1.34400 AU
evening rise	-9911 Apr 09 j 08:35	14°♒04'00	
	-9911 Apr 18 j 00:24	0°♓	
	-9911 May 08 j 08:59	0°♈	
desc. node	-9911 May 13 j 01:02	5°♈09'58	
evening max el	-9911 May 13 j 22:42	6°♈03'54	27°12'25
retrograde	-9911 May 27 j 08:36	13°♈34'04	
evening set	-9911 Jun 03 j 06:28	10°♈48'12	
min. Earth dist.	-9911 Jun 07 j 00:24	7°♈09'07	0.64659 AU
inferior conj	-9911 Jun 09 j 04:27	4°♈41'57	-3°24'40
minimum elong	-9911 Jun 09 j 06:33	4°♈36'01	3°24'23
	-9911 Jun 13 j 23:27	30°℞♓	
morning rise	-9911 Jun 15 j 07:06	29°♓10'51	
direct	-9911 Jun 18 j 05:20	28°♓24'55	
	-9911 Jun 22 j 12:11	0°♈	
asc. node	-9911 Jun 23 j 09:30	0°♈41'24	
morning max el	-9911 Jun 24 j 17:48	1°♈56'02	18°17'54
morning set	-9911 Jul 13 j 11:31	0°♉22'49	
	-9911 Jul 13 j 06:04	0°♉	
superior conj	-9911 Jul 27 j 12:41	23°♉25'29	1°09'45
minimum elong	-9911 Jul 27 j 19:15	23°♉51'48	1°09'31
max. Earth dist.	-9911 Jul 31 j 02:16	29°♉07'08	1.44339 AU
	-9911 Jul 31 j 15:35	0°♊	
desc. node	-9911 Aug 08 j 22:16	13°♊02'27	
evening rise	-9911 Aug 13 j 04:11	19°♊40'26	
	-9911 Aug 19 j 19:50	0°♋	
greatest brilliancy	-9911 Aug 24 j 22:13	7°♋48'35	-0.7m
evening max el	-9911 Sep 07 j 00:38	25°♋32'14	19°43'37
retrograde	-9911 Sep 14 j 09:31	29°♋48'01	
evening set	-9911 Sep 17 j 20:14	28°♋38'57	
asc. node	-9911 Sep 19 j 09:34	27°♋23'39	
inferior conj	-9911 Sep 23 j 10:08	22°♋40'59	1°17'11
minimum elong	-9911 Sep 23 j 08:22	22°♋46'43	1°17'04
min. Earth dist.	-9911 Sep 24 j 11:51	21°♋17'13	0.66184 AU
morning rise	-9911 Sep 28 j 20:15	16°♋24'05	
direct	-9911 Oct 04 j 18:10	13°♋52'13	
morning max el	-9911 Oct 16 j 21:18	21°♋01'06	25°35'41
	-9911 Oct 24 j 17:29	0°♌	
desc. node	-9911 Nov 04 j 22:02	15°♌31'17	
	-9911 Nov 14 j 02:24	0°♍	
morning set	-9911 Nov 22 j 00:09	13°♍43'26	
max. Earth dist.	-9911 Nov 25 j 21:55	20°♍58'01	1.36491 AU
	-9911 Nov 30 j 13:46	0°♎	
superior conj	-9911 Dec 01 j 14:06	2°♎01'00	-1°40'00
minimum elong	-9911 Dec 01 j 15:15	2°♎06'48	1°39'55
evening rise	-9911 Dec 09 j 13:21	18°♎11'32	
	-9911 Dec 15 j 14:39	0°♏	
asc. node	-9911 Dec 16 j 07:42	1°♏17'35	
evening max el	-9911 Dec 27 j 09:34	16°♏53'04	19°53'38
retrograde	-9910 Jan 06 j 06:21	21°♏31'48	
evening set	-9910 Jan 08 j 19:22	21°♏14'41	
inferior conj	-9910 Jan 17 j 07:24	17°♏11'29	3°23'37
minimum elong	-9910 Jan 17 j 12:47	17°♏03'04	3°22'08
min. Earth dist.	-9910 Jan 19 j 14:00	15°♏46'35	0.56255 AU
morning rise	-9910 Jan 26 j 04:13	12°♏35'05	
direct	-9910 Jan 30 j 09:00	11°♏55'52	
desc. node	-9910 Jan 31 j 23:20	12°♏01'42	
morning max el	-9910 Feb 13 j 03:35	18°♏48'46	23°59'34
	-9910 Feb 22 j 09:11	0°♐	
morning set	-9910 Mar 09 j 14:41	27°♐30'21	
	-9910 Mar 10 j 19:05	0°♑	
asc. node	-9910 Mar 14 j 06:04	7°♑24'29	
superior conj	-9910 Mar 16 j 16:09	12°♑37'26	0°23'32
minimum elong	-9910 Mar 16 j 15:09	12°♑32'06	0°22'44
max. Earth dist.	-9910 Mar 18 j 12:24	16°♑34'13	1.33521 AU
evening rise	-9910 Mar 24 j 04:42	28°♑20'53	
	-9910 Mar 25 j 00:33	0°♒	
	-9910 Apr 11 j 05:33	0°♓	
evening max el	-9910 Apr 26 j 08:25	18°♓58'20	27°26'25
desc. node	-9910 Apr 29 j 22:23	22°♓07'27	
retrograde	-9910 May 10 j 03:17	26°♓30'21	
evening set	-9910 May 17 j 03:17	23°♓58'12	
min. Earth dist.	-9910 May 20 j 18:31	20°♓49'15	0.63066 AU
inferior conj	-9910 May 23 j 12:56	18°♓00'33	-3°38'53
minimum elong	-9910 May 23 j 13:47	17°♓58'23	3°39'01
morning rise	-9910 May 30 j 01:20	12°♓47'39	
direct	-9910 Jun 01 j 18:57	12°♓11'28	
morning max el	-9910 Jun 08 j 07:48	15°♓34'07	18°02'06
asc. node	-9910 Jun 10 j 06:20	17°♓42'02	
	-9910 Jun 18 j 11:05	0°♈	
morning set	-9910 Jun 25 j 08:56	11°♈59'51	
	-9910 Jul 05 j 19:41	0°♉	
superior conj	-9910 Jul 07 j 12:48	2°♉52'06	1°37'24
minimum elong	-9910 Jul 07 j 17:34	3°♉11'54	1°37'21
max. Earth dist.	-9910 Jul 13 j 15:58	12°♉55'43	1.43381 AU
evening rise	-9910 Jul 23 j 05:57	28°♉06'30	
	-9910 Jul 24 j 11:12	0°♊	
desc. node	-9910 Jul 26 j 19:33	3°♊37'19	
	-9910 Aug 13 j 17:36	0°♋	
evening max el	-9910 Aug 21 j 02:20	8°♋58'01	20°46'34
retrograde	-9910 Aug 29 j 06:20	13°♋45'57	
evening set	-9910 Sep 02 j 04:02	12°♋18'56	
asc. node	-9910 Sep 06 j 06:39	7°♋54'44	
inferior conj	-9910 Sep 07 j 13:14	6°♋12'14	0°24'50
minimum elong	-9910 Sep 07 j 12:40	6°♋14'11	0°25'11
min. Earth dist.	-9910 Sep 08 j 03:57	5°♋22'18	0.66825 AU
morning rise	-9910 Sep 12 j 21:09	29°♊52'40	
	-9910 Sep 12 j 17:47	30°℞♊	
direct	-9910 Sep 18 j 04:21	27°♊37'39	
	-9910 Sep 24 j 08:53	0°♋	
morning max el	-9910 Sep 29 j 06:57	4°♋16'18	24°16'09
	-9910 Oct 19 j 01:56	0°♌	
desc. node	-9910 Oct 22 j 18:49	5°♌36'23	
morning set	-9910 Nov 03 j 20:45	25°♌17'01	
	-9910 Nov 06 j 13:34	0°♍	
max. Earth dist.	-9910 Nov 07 j 20:58	2°♍19'45	1.38375 AU
superior conj	-9910 Nov 14 j 20:46	15°♍16'43	-1°42'28
minimum elong	-9910 Nov 14 j 20:17	15°♍14'24	1°42'16

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9910 Nov 22 j 09:40	0°♎	
evening rise	-9910 Nov 23 j 13:06	2°♎15'13	
asc. node	-9910 Dec 03 j 05:01	20°♎00'51	
evening max el	-9910 Dec 10 j 05:06	29°♎06'53	18°58'18
	-9910 Dec 11 j 04:38	0°♏	
retrograde	-9910 Dec 18 j 16:24	3°♏10'29	
evening set	-9910 Dec 21 j 04:22	2°♏50'47	
	-9910 Dec 26 j 23:54	30°℞♎	
inferior conj	-9910 Dec 29 j 02:37	28°♎31'56	4°07'10
minimum elong	-9910 Dec 29 j 05:04	28°♎27'34	4°06'46
min. Earth dist.	-9909 Jan 01 j 04:43	26°♎20'29	0.57704 AU
morning rise	-9909 Jan 06 j 03:35	23°♎30'04	
direct	-9909 Jan 11 j 16:17	22°♎17'22	
desc. node	-9909 Jan 18 j 20:10	24°♎16'30	
morning max el	-9909 Jan 25 j 18:34	29°♎31'24	25°32'06
	-9909 Jan 26 j 06:20	0°♏	
	-9909 Feb 15 j 20:02	0°♐	
morning set	-9909 Feb 22 j 03:03	12°♐35'24	
superior conj	-9909 Mar 01 j 02:32	27°♐37'24	-0°00'16
minimum elong	-9909 Mar 01 j 02:34	27°♐37'34	0°00'50
behind sun begin	-9909 Feb 28 j 21:33	27°♐10'14	
behind sun end	-9909 Mar 01 j 07:35	28°♐04'53	
asc. node	-9909 Mar 01 j 03:11	27°♐40'54	
max. Earth dist.	-9909 Mar 01 j 23:07	29°♐29'16	1.32974 AU
	-9909 Mar 02 j 04:47	0°♑	
evening rise	-9909 Mar 08 j 07:56	13°♑00'06	
	-9909 Mar 17 j 04:21	0°♒	
	-9909 Apr 07 j 05:50	0°♓	
evening max el	-9909 Apr 08 j 14:33	1°♓21'24	27°08'20
desc. node	-9909 Apr 16 j 19:39	7°♓24'07	
retrograde	-9909 Apr 22 j 15:18	8°♓50'35	
evening set	-9909 Apr 29 j 08:05	6°♓45'31	
min. Earth dist.	-9909 May 03 j 03:35	3°♓54'05	0.61171 AU
inferior conj	-9909 May 06 j 09:03	1°♓00'40	-3°36'20
minimum elong	-9909 May 06 j 07:57	1°♓03'09	3°36'37
	-9909 May 07 j 12:21	30°℞♒	
morning rise	-9909 May 13 j 09:44	26°♒07'36	
direct	-9909 May 15 j 23:29	25°♒39'46	
morning max el	-9909 May 22 j 21:13	29°♒05'19	18°04'51
	-9909 May 23 j 18:39	0°♓	
asc. node	-9909 May 28 j 03:11	5°♓38'48	
morning set	-9909 Jun 08 j 02:16	24°♓35'37	
	-9909 Jun 11 j 01:07	0°♈	
superior conj	-9909 Jun 18 j 16:17	13°♈40'31	1°49'05
minimum elong	-9909 Jun 18 j 17:29	13°♈45'46	1°49'07
max. Earth dist.	-9909 Jun 25 j 23:53	26°♈09'31	1.41895 AU
	-9909 Jun 28 j 07:45	0°♉	
evening rise	-9909 Jul 02 j 12:26	6°♉46'48	
desc. node	-9909 Jul 13 j 16:52	24°♉03'20	
	-9909 Jul 17 j 17:27	0°♊	
evening max el	-9909 Aug 03 j 21:13	22°♊20'33	22°01'00
retrograde	-9909 Aug 13 j 01:49	27°♊47'22	
evening set	-9909 Aug 17 j 12:28	26°♊00'07	
inferior conj	-9909 Aug 22 j 18:53	19°♊47'44	-0°26'30
minimum elong	-9909 Aug 22 j 19:26	19°♊45'48	0°25'44
min. Earth dist.	-9909 Aug 22 j 23:13	19°♊32'43	0.67180 AU
asc. node	-9909 Aug 24 j 03:41	17°♊55'26	
morning rise	-9909 Aug 28 j 02:17	13°♊29'11	
direct	-9909 Sep 01 j 19:18	11°♊33'02	
morning max el	-9909 Sep 11 j 18:05	17°♊31'55	22°51'33
	-9909 Sep 21 j 23:59	0°♋	
desc. node	-9909 Oct 09 j 15:40	25°♋57'21	
	-9909 Oct 12 j 04:58	0°♌	
morning set	-9909 Oct 15 j 15:17	5°♌33'00	
max. Earth dist.	-9909 Oct 20 j 19:15	14°♌11'10	1.40378 AU
superior conj	-9909 Oct 28 j 11:09	27°♌40'24	-1°35'29
minimum elong	-9909 Oct 28 j 08:26	27°♌28'06	1°34'57
	-9909 Oct 29 j 17:46	0°♍	
evening rise	-9909 Nov 07 j 04:14	15°♍49'15	
	-9909 Nov 14 j 21:32	0°♎	
asc. node	-9909 Nov 20 j 02:18	8°♎01'09	
evening max el	-9909 Nov 23 j 09:16	11°♎50'10	18°23'13
retrograde	-9909 Nov 30 j 20:13	15°♎31'53	
evening set	-9909 Dec 03 j 08:30	15°♎07'56	
inferior conj	-9909 Dec 10 j 17:24	10°♎28'14	4°14'42
minimum elong	-9909 Dec 10 j 16:25	10°♎30'15	4°14'38
min. Earth dist.	-9909 Dec 13 j 23:20	7°♎48'33	0.59523 AU
morning rise	-9909 Dec 17 j 22:37	5°♎05'24	
direct	-9909 Dec 24 j 11:31	3°♎13'53	
desc. node	-9908 Jan 05 j 16:57	8°♎56'37	
morning max el	-9908 Jan 07 j 13:21	10°♎38'05	26°45'02
	-9908 Jan 22 j 14:18	0°♏	
morning set	-9908 Feb 06 j 13:42	27°♏35'01	
	-9908 Feb 07 j 17:20	0°♐	
superior conj	-9908 Feb 13 j 14:16	12°♐41'11	-0°23'34
minimum elong	-9908 Feb 13 j 15:16	12°♐46'34	0°23'54
max. Earth dist.	-9908 Feb 13 j 12:31	12°♐31'32	1.32760 AU
asc. node	-9908 Feb 16 j 00:18	17°♐57'38	
evening rise	-9908 Feb 20 j 15:48	27°♐52'42	
	-9908 Feb 21 j 16:25	0°♑	
	-9908 Mar 09 j 18:41	0°♒	
evening max el	-9908 Mar 20 j 15:26	13°♒06'40	26°18'09
desc. node	-9908 Apr 02 j 16:52	20°♒24'33	
retrograde	-9908 Apr 03 j 18:41	20°♒27'27	
evening set	-9908 Apr 09 j 17:49	18°♒58'01	
min. Earth dist.	-9908 Apr 14 j 04:46	16°♒08'55	0.59166 AU
inferior conj	-9908 Apr 17 j 13:04	13°♒32'52	-3°10'31
minimum elong	-9908 Apr 17 j 09:50	13°♒39'13	3°10'29
morning rise	-9908 Apr 25 j 04:40	8°♒59'52	
direct	-9908 Apr 27 j 14:47	8°♒39'04	
morning max el	-9908 May 05 j 07:08	12°♒20'31	18°26'49
asc. node	-9908 May 14 j 00:02	24°♒18'09	
	-9908 May 17 j 04:57	0°♓	
morning set	-9908 May 21 j 10:40	7°♓58'12	
superior conj	-9908 May 30 j 20:00	25°♓42'10	1°47'44
minimum elong	-9908 May 30 j 18:31	25°♓35'19	1°47'35
	-9908 Jun 02 j 04:33	0°♈	
max. Earth dist.	-9908 Jun 07 j 02:22	8°♈41'12	1.40089 AU
evening rise	-9908 Jun 11 j 17:48	16°♈34'25	
	-9908 Jun 20 j 01:59	0°♉	
desc. node	-9908 Jun 29 j 14:14	14°♉15'17	
	-9908 Jul 11 j 08:08	0°♊	
evening max el	-9908 Jul 16 j 10:28	5°♊41'39	23°22'09
retrograde	-9908 Jul 26 j 18:32	11°♊49'12	
evening set	-9908 Jul 31 j 19:38	9°♊40'55	
inferior conj	-9908 Aug 06 j 01:12	3°♊25'40	-1°15'17
minimum elong	-9908 Aug 06 j 02:45	3°♊20'21	1°14'13
min. Earth dist.	-9908 Aug 05 j 19:05	3°♊46'43	0.67242 AU
	-9908 Aug 08 j 15:30	30°℞♉	
asc. node	-9908 Aug 10 j 00:39	28°♉26'52	
morning rise	-9908 Aug 11 j 09:46	27°♉11'49	
direct	-9908 Aug 15 j 14:01	25°♉34'27	
	-9908 Aug 23 j 13:24	0°♊	
morning max el	-9908 Aug 24 j 09:33	0°♊50'22	21°30'02
	-9908 Sep 14 j 20:47	0°♋	
morning set	-9908 Sep 24 j 07:51	14°♋35'23	
desc. node	-9908 Sep 25 j 12:34	16°♋28'57	
max. Earth dist.	-9908 Oct 01 j 22:57	26°♋52'00	1.42221 AU
	-9908 Oct 03 j 20:26	0°♌	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9908 Oct 09 j 03:31	8°♌57'19	-1°16'22	
minimum elong	-9908 Oct 08 j 22:53	8°♌37'24	1°15'27	
evening rise	-9908 Oct 20 j 07:11	28°♌45'21		
	-9908 Oct 20 j 23:38	0°♍		
asc. node	-9908 Nov 05 j 23:34	25°♍05'31		
evening max el	-9908 Nov 05 j 19:23	24°♍55'13	18°08'09	
retrograde	-9908 Nov 12 j 15:48	28°♍27'28		
evening set	-9908 Nov 15 j 05:31	27°♍57'51		
inferior conj	-9908 Nov 22 j 02:14	22°♍56'27	3°56'22	
minimum elong	-9908 Nov 21 j 23:10	23°♍03'42	3°56'02	
min. Earth dist.	-9908 Nov 25 j 01:01	20°♍10'07	0.61398 AU	
morning rise	-9908 Nov 28 j 15:39	17°♍16'31		
direct	-9908 Dec 05 j 16:18	14°♍53'26		
morning max el	-9908 Dec 19 j 14:29	22°♍23'23	27°27'23	
desc. node	-9908 Dec 22 j 13:41	25°♍27'34		
	-9908 Dec 26 j 10:14	0°♎		
	-9907 Jan 14 j 13:33	0°♏		
morning set	-9907 Jan 20 j 20:45	12°♏22'26		
max. Earth dist.	-9907 Jan 27 j 01:04	25°♏28'49	1.32881 AU	
superior conj	-9907 Jan 28 j 01:45	27°♏42'58	-0°45'37	
minimum elong	-9907 Jan 28 j 03:30	27°♏52'30	0°45'45	
	-9907 Jan 29 j 02:54	0°♐		
asc. node	-9907 Feb 01 j 21:28	8°♐10'55		
evening rise	-9907 Feb 04 j 02:19	12°♐51'35		
	-9907 Feb 12 j 21:11	0°♑		
evening max el	-9907 Mar 02 j 11:03	24°♑17'31	25°01'36	
	-9907 Mar 10 j 11:46	0°♒		
retrograde	-9907 Mar 16 j 10:53	1°♒21'44		
desc. node	-9907 Mar 20 j 14:00	0°♒42'13		
evening set	-9907 Mar 21 j 08:26	0°♒26'28		
	-9907 Mar 22 j 10:34	30°℞♑		
min. Earth dist.	-9907 Mar 27 j 00:12	27°♑26'19	0.57335 AU	
inferior conj	-9907 Mar 29 j 21:54	25°♑29'04	-2°14'34	
minimum elong	-9907 Mar 29 j 17:49	25°♑36'00	2°14'04	
morning rise	-9907 Apr 07 j 06:22	21°♑14'22		
direct	-9907 Apr 09 j 13:12	20°♑58'55		
morning max el	-9907 Apr 18 j 10:37	25°♑10'34	19°08'32	
	-9907 Apr 22 j 15:28	0°♒		
asc. node	-9907 Apr 30 j 20:55	13°♒30'11		
morning set	-9907 May 05 j 06:05	21°♒57'33		
	-9907 May 09 j 07:36	0°♓		
superior conj	-9907 May 13 j 18:28	8°♓42'32	1°37'07	
minimum elong	-9907 May 13 j 15:42	8°♓29'12	1°36'38	
max. Earth dist.	-9907 May 20 j 03:01	20°♓38'03	1.38210 AU	
evening rise	-9907 May 24 j 02:33	27°♓44'19		
	-9907 May 25 j 09:47	0°♈		
	-9907 Jun 13 j 12:32	0°♉		
desc. node	-9907 Jun 16 j 11:36	4°♉06'53		
evening max el	-9907 Jun 28 j 20:44	19°♉04'06	24°43'07	
retrograde	-9907 Jul 10 j 07:32	25°♉48'11		
evening set	-9907 Jul 15 j 23:40	23°♉20'22		
min. Earth dist.	-9907 Jul 20 j 13:08	18°♉02'56	0.66989 AU	
inferior conj	-9907 Jul 21 j 06:31	17°♉04'40	-2°00'01	
minimum elong	-9907 Jul 21 j 08:47	16°♉57'05	1°58'53	
morning rise	-9907 Jul 26 j 17:50	10°♉59'02		
asc. node	-9907 Jul 27 j 21:34	10°♉16'51		
direct	-9907 Jul 30 j 11:10	9°♉39'00		
morning max el	-9907 Aug 07 j 07:26	14°♉15'27	20°17'42	
	-9907 Aug 19 j 07:02	0°♊		
morning set	-9907 Sep 03 j 10:07	23°♊00'37		
	-9907 Sep 07 j 21:31	0°♋		
desc. node	-9907 Sep 12 j 09:31	7°♋06'58		
max. Earth dist.	-9907 Sep 14 j 09:37	10°♋19'14	1.43648 AU	
superior conj	-9907 Sep 19 j 16:47	18°♋54'37	-0°43'32	

minimum elong	-9907 Sep 19 j 12:33	18°♋37'19	0°42'28	
	-9907 Sep 26 j 08:42	0°♌		
evening rise	-9907 Oct 02 j 17:22	10°♌52'39		
	-9907 Oct 14 j 02:21	0°♍		
evening max el	-9907 Oct 20 j 08:24	8°♍13'24	18°12'14	
asc. node	-9907 Oct 23 j 20:49	10°♍57'49		
retrograde	-9907 Oct 26 j 23:04	11°♍46'43		
evening set	-9907 Oct 29 j 15:48	11°♍09'40		
inferior conj	-9907 Nov 05 j 01:46	5°♍48'22	3°21'31	
minimum elong	-9907 Nov 04 j 22:04	5°♍58'11	3°20'56	
min. Earth dist.	-9907 Nov 07 j 12:17	3°♍13'16	0.63110 AU	
morning rise	-9907 Nov 11 j 03:34	29°♌53'59		
	-9907 Nov 11 j 00:27	30°℞♌		
direct	-9907 Nov 18 j 04:46	27°♌12'38		
	-9907 Nov 26 j 02:10	0°♍		
morning max el	-9907 Dec 01 j 21:08	4°♍46'22	27°34'47	
desc. node	-9907 Dec 09 j 10:23	13°♍17'16		
	-9907 Dec 21 j 01:15	0°♎		
morning set	-9906 Jan 04 j 21:48	26°♎48'16		
	-9906 Jan 06 j 11:39	0°♏		
max. Earth dist.	-9906 Jan 10 j 08:52	8°♏06'26	1.33359 AU	
superior conj	-9906 Jan 12 j 11:11	12°♏35'20	-1°05'36	
minimum elong	-9906 Jan 12 j 13:24	12°♏47'17	1°05'36	
evening rise	-9906 Jan 19 j 13:39	27°♏49'00		
asc. node	-9906 Jan 19 j 18:40	28°♏15'20		
	-9906 Jan 20 j 14:46	0°♐		
	-9906 Feb 07 j 10:26	0°♑		
evening max el	-9906 Feb 12 j 04:02	5°♑08'27	23°30'04	
retrograde	-9906 Feb 25 j 14:34	11°♑44'03		
evening set	-9906 Mar 01 j 09:22	11°♑12'37		
desc. node	-9906 Mar 07 j 11:05	8°♑32'11		
min. Earth dist.	-9906 Mar 08 j 16:17	7°♑49'47	0.55990 AU	
inferior conj	-9906 Mar 10 j 11:13	6°♑45'33	-0°46'36	
minimum elong	-9906 Mar 10 j 09:17	6°♑48'28	0°46'33	
morning rise	-9906 Mar 19 j 11:39	2°♑42'48		
direct	-9906 Mar 21 j 17:32	2°♑30'08		
morning max el	-9906 Apr 01 j 04:56	7°♑26'06	20°10'07	
	-9906 Apr 16 j 03:54	0°♒		
asc. node	-9906 Apr 17 j 17:48	3°♒06'31		
morning set	-9906 Apr 19 j 09:14	6°♒24'26		
superior conj	-9906 Apr 27 j 06:34	22°♒27'17	1°20'23	
minimum elong	-9906 Apr 27 j 03:38	22°♒12'30	1°19'36	
	-9906 May 01 j 02:13	0°♓		
max. Earth dist.	-9906 May 02 j 07:21	2°♓20'36	1.36479 AU	
evening rise	-9906 May 06 j 10:42	10°♓06'34		
	-9906 May 18 j 01:05	0°♈		
desc. node	-9906 Jun 03 j 08:59	23°♈29'29		
	-9906 Jun 08 j 21:38	0°♉		
evening max el	-9906 Jun 11 j 06:35	2°♉27'55	25°55'40	
retrograde	-9906 Jun 23 j 16:14	9°♉39'21		
evening set	-9906 Jun 29 j 22:29	6°♉56'58		
min. Earth dist.	-9906 Jul 04 j 03:02	2°♉18'34	0.66382 AU	
inferior conj	-9906 Jul 05 j 08:58	0°♉43'00	-2°39'10	
minimum elong	-9906 Jul 05 j 11:35	0°♉34'37	2°38'13	
	-9906 Jul 05 j 22:28	30°℞♈		
morning rise	-9906 Jul 11 j 00:46	24°♈48'41		
direct	-9906 Jul 14 j 09:07	23°♈43'50		
asc. node	-9906 Jul 14 j 18:27	23°♈44'41		
morning max el	-9906 Jul 21 j 11:57	27°♈48'09	19°18'37	
	-9906 Jul 23 j 11:22	0°♉		
	-9906 Aug 12 j 15:35	0°♊		
morning set	-9906 Aug 13 j 18:40	1°♊46'38		
max. Earth dist.	-9906 Aug 28 j 01:04	24°♊16'15	1.44465 AU	
superior conj	-9906 Aug 30 j 04:07	27°♊38'45	0°00'38	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

minimum elong	-9906 Aug 30 j 04:15	27°♊39'18	0°01'12
behind sun begin	-9906 Aug 29 j 17:00	26°♊54'36	
behind sun end	-9906 Aug 30 j 15:30	28°♊24'01	
desc. node	-9906 Aug 30 j 06:35	27°♊48'34	
	-9906 Aug 31 j 15:37	0°♋	
evening rise	-9906 Sep 14 j 05:27	21°♋58'50	
	-9906 Sep 19 j 02:24	0°♌	
evening max el	-9906 Oct 03 j 21:29	21°♌39'18	18°34'28
retrograde	-9906 Oct 10 j 13:55	25°♌22'36	
asc. node	-9906 Oct 10 j 18:01	25°♌22'26	
evening set	-9906 Oct 13 j 11:45	24°♌35'40	
inferior conj	-9906 Oct 19 j 12:37	18°♌57'38	2°36'56
minimum elong	-9906 Oct 19 j 09:17	19°♌07'21	2°36'20
min. Earth dist.	-9906 Oct 21 j 09:50	16°♌45'24	0.64550 AU
morning rise	-9906 Oct 25 j 06:16	12°♌51'39	
direct	-9906 Nov 01 j 00:09	10°♌05'36	
morning max el	-9906 Nov 14 j 06:50	17°♌38'23	27°08'50
	-9906 Nov 24 j 18:55	0°♍	
desc. node	-9906 Nov 26 j 07:05	2°♍02'59	
	-9906 Dec 13 j 20:32	0°♎	
morning set	-9906 Dec 19 j 13:55	10°♎42'55	
max. Earth dist.	-9906 Dec 24 j 08:14	20°♎13'45	1.34237 AU
superior conj	-9906 Dec 27 j 16:41	27°♎11'50	-1°22'33
minimum elong	-9906 Dec 27 j 18:58	27°♎23'49	1°22'31
	-9906 Dec 29 j 00:33	0°♏	
evening rise	-9905 Jan 04 j 00:09	12°♏39'00	
asc. node	-9905 Jan 06 j 15:55	18°♏05'54	
	-9905 Jan 13 j 00:14	0°♐	
evening max el	-9905 Jan 24 j 23:54	16°♐04'24	21°57'09
retrograde	-9905 Feb 06 j 07:58	21°♐57'22	
evening set	-9905 Feb 09 j 07:15	21°♐37'44	
inferior conj	-9905 Feb 18 j 10:47	17°♐32'53	1°00'58
minimum elong	-9905 Feb 18 j 13:26	17°♐29'08	0°59'33
min. Earth dist.	-9905 Feb 18 j 07:01	17°♐38'16	0.55403 AU
desc. node	-9905 Feb 22 j 08:06	15°♐26'03	
morning rise	-9905 Feb 27 j 20:04	13°♐28'07	
direct	-9905 Mar 02 j 09:18	13°♐13'25	
morning max el	-9905 Mar 14 j 12:20	19°♐01'43	21°30'00
	-9905 Mar 23 j 06:14	0°♑	
morning set	-9905 Apr 03 j 17:32	21°♑11'00	
asc. node	-9905 Apr 04 j 14:44	23°♑00'41	
	-9905 Apr 07 j 22:55	0°♒	
superior conj	-9905 Apr 11 j 04:22	6°♒44'30	0°59'49
minimum elong	-9905 Apr 11 j 01:56	6°♒31'51	0°58'54
max. Earth dist.	-9905 Apr 14 j 20:24	14°♒14'42	1.35052 AU
evening rise	-9905 Apr 19 j 12:34	23°♒25'02	
	-9905 Apr 23 j 01:08	0°♓	
	-9905 May 11 j 15:42	0°♈	
desc. node	-9905 May 21 j 06:24	12°♈10'32	
evening max el	-9905 May 24 j 17:11	15°♈48'11	26°51'17
retrograde	-9905 Jun 06 j 20:09	23°♈15'20	
evening set	-9905 Jun 13 j 13:36	20°♈27'13	
min. Earth dist.	-9905 Jun 17 j 10:41	16°♈27'32	0.65393 AU
inferior conj	-9905 Jun 19 j 06:27	14°♈17'14	-3°10'51
minimum elong	-9905 Jun 19 j 08:56	14°♈09'51	3°10'17
morning rise	-9905 Jun 25 j 04:34	8°♈36'57	
direct	-9905 Jun 28 j 05:54	7°♈44'52	
asc. node	-9905 Jul 01 j 15:18	8°♈46'14	
morning max el	-9905 Jul 04 j 21:47	11°♈25'48	18°35'10
	-9905 Jul 17 j 22:42	0°♉	
morning set	-9905 Jul 25 j 00:48	11°♉33'03	
	-9905 Aug 05 j 11:14	0°♊	
superior conj	-9905 Aug 09 j 03:41	5°♊51'31	0°46'56
minimum elong	-9905 Aug 09 j 09:06	6°♊12'57	0°46'49

max. Earth dist.	-9905 Aug 10 j 17:52	8°♊22'39	1.44583 AU
desc. node	-9905 Aug 17 j 03:43	18°♊29'53	
	-9905 Aug 24 j 10:38	0°♋	
evening rise	-9905 Aug 25 j 14:55	1°♋51'44	
	-9905 Sep 13 j 01:12	0°♌	
evening max el	-9905 Sep 17 j 07:55	5°♌07'53	19°13'51
retrograde	-9905 Sep 24 j 09:01	9°♌09'31	
evening set	-9905 Sep 27 j 14:17	8°♌09'38	
asc. node	-9905 Sep 27 j 15:11	8°♌08'13	
inferior conj	-9905 Oct 03 j 07:41	2°♌18'09	1°47'05
minimum elong	-9905 Oct 03 j 05:17	2°♌25'45	1°46'44
min. Earth dist.	-9905 Oct 04 j 16:16	0°♌35'27	0.65678 AU
	-9905 Oct 05 j 03:43	30°℞♋	
morning rise	-9905 Oct 08 j 19:54	26°♋04'05	
direct	-9905 Oct 15 j 01:54	23°♋24'27	
	-9905 Oct 26 j 22:00	0°♌	
morning max el	-9905 Oct 27 j 16:57	0°♌46'15	26°15'28
desc. node	-9905 Nov 13 j 03:48	21°♌28'09	
	-9905 Nov 18 j 18:46	0°♍	
morning set	-9905 Dec 02 j 17:13	23°♍54'24	
	-9905 Dec 05 j 22:14	0°♎	
max. Earth dist.	-9905 Dec 06 j 20:28	1°♎48'00	1.35545 AU
superior conj	-9905 Dec 11 j 15:56	11°♎25'03	-1°35'15
minimum elong	-9905 Dec 11 j 17:42	11°♎34'04	1°35'12
evening rise	-9905 Dec 19 j 08:06	27°♎15'59	
	-9905 Dec 20 j 16:17	0°♏	
asc. node	-9905 Dec 24 j 13:13	7°♏36'43	
evening max el	-9904 Jan 07 j 03:47	27°♏26'26	20°34'09
	-9904 Jan 10 j 08:23	0°♐	
retrograde	-9904 Jan 17 j 22:48	2°♐30'26	
evening set	-9904 Jan 20 j 13:23	2°♐13'56	
	-9904 Jan 26 j 07:09	30°℞♏	
inferior conj	-9904 Jan 29 j 08:46	28°♏15'20	2°40'24
minimum elong	-9904 Jan 29 j 14:23	28°♏07'02	2°38'28
min. Earth dist.	-9904 Jan 30 j 21:10	27°♏21'43	0.55703 AU
morning rise	-9904 Feb 07 j 13:48	23°♏52'46	
desc. node	-9904 Feb 09 j 05:02	23°♏33'51	
direct	-9904 Feb 11 j 00:54	23°♏26'23	
	-9904 Feb 24 j 09:00	0°♐	
morning max el	-9904 Feb 24 j 09:26	0°♐01'01	23°03'22
	-9904 Mar 15 j 04:28	0°♑	
morning set	-9904 Mar 18 j 04:55	6°♑10'45	
asc. node	-9904 Mar 21 j 11:45	13°♑07'39	
superior conj	-9904 Mar 25 j 08:54	21°♑25'07	0°37'06
minimum elong	-9904 Mar 25 j 07:20	21°♑16'46	0°36'14
max. Earth dist.	-9904 Mar 27 j 19:48	26°♑35'58	1.33980 AU
	-9904 Mar 29 j 11:05	0°♒	
evening rise	-9904 Apr 02 j 03:15	7°♒25'17	
	-9904 Apr 14 j 14:23	0°♓	
evening max el	-9904 May 06 j 03:56	28°♓56'22	27°22'14
desc. node	-9904 May 07 j 03:46	29°♓52'55	
	-9904 May 07 j 06:51	0°♈	
retrograde	-9904 May 19 j 18:32	6°♈28'41	
evening set	-9904 May 26 j 18:06	3°♈47'05	
min. Earth dist.	-9904 May 30 j 10:17	0°♈21'46	0.64018 AU
	-9904 May 30 j 18:29	30°℞♓	
inferior conj	-9904 Jun 01 j 20:33	27°♓43'46	-3°32'28
minimum elong	-9904 Jun 01 j 22:13	27°♓39'14	3°32'23
morning rise	-9904 Jun 08 j 03:03	22°♓20'01	
direct	-9904 Jun 10 j 23:04	21°♓38'32	
morning max el	-9904 Jun 17 j 10:54	25°♓05'09	18°08'55
asc. node	-9904 Jun 17 j 12:08	25°♓08'14	
	-9904 Jun 21 j 12:26	0°♈	
morning set	-9904 Jul 05 j 08:39	22°♈31'39	
	-9904 Jul 09 j 18:17	0°♉	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

superior conj	-9904 Jul	18 j 14:06	14°♋37'32	1°23'30
minimum elong	-9904 Jul	18 j 20:22	15°♋03'01	1°23'18
max. Earth dist.	-9904 Jul	23 j 09:13	22°♋21'38	1.44005 AU
	-9904 Jul	28 j 04:47	0°♊	
desc. node	-9904 Aug	03 j 00:57	9°♊08'11	
evening rise	-9904 Aug	04 j 00:14	10°♊38'32	
	-9904 Aug	16 j 16:09	0°♋	
evening max el	-9904 Aug	30 j 13:23	18°♋35'51	20°08'50
retrograde	-9904 Sep	07 j 05:42	23°♋04'12	
evening set	-9904 Sep	10 j 20:47	21°♋48'00	
asc. node	-9904 Sep	13 j 12:18	19°♋20'27	
inferior conj	-9904 Sep	16 j 08:29	15°♋46'13	0°54'59
minimum elong	-9904 Sep	16 j 07:14	15°♋50'24	0°55'04
min. Earth dist.	-9904 Sep	17 j 05:30	14°♋36'24	0.66495 AU
morning rise	-9904 Sep	21 j 17:26	9°♋27'42	
direct	-9904 Sep	27 j 09:14	7°♋02'15	
morning max el	-9904 Oct	09 j 02:21	13°♋59'43	25°02'56
	-9904 Oct	22 j 04:39	0°♌	
desc. node	-9904 Oct	30 j 00:33	11°♌21'17	
	-9904 Nov	10 j 14:11	0°♍	
morning set	-9904 Nov	14 j 02:38	6°♍08'06	
max. Earth dist.	-9904 Nov	17 j 22:41	13°♍05'05	1.37261 AU
superior conj	-9904 Nov	24 j 05:49	25°♍05'31	-1°42'04
minimum elong	-9904 Nov	24 j 06:23	25°♍08'15	1°41'56
	-9904 Nov	26 j 17:22	0°♎	
evening rise	-9904 Dec	02 j 11:32	11°♎33'53	
asc. node	-9904 Dec	10 j 10:32	26°♎40'05	
	-9904 Dec	12 j 10:44	0°♏	
evening max el	-9904 Dec	19 j 17:45	9°♏22'03	19°27'41
retrograde	-9904 Dec	28 j 23:04	13°♏43'40	
evening set	-9904 Dec	31 j 11:33	13°♏25'38	
inferior conj	-9903 Jan	08 j 17:49	9°♏17'05	3°46'58
minimum elong	-9903 Jan	08 j 22:12	9°♏09'52	3°45'59
min. Earth dist.	-9903 Jan	11 j 10:59	7°♏30'32	0.56809 AU
morning rise	-9903 Jan	17 j 06:39	4°♏29'43	
direct	-9903 Jan	22 j 01:40	3°♏37'25	
desc. node	-9903 Jan	26 j 01:54	4°♏14'38	
morning max el	-9903 Feb	05 j 00:30	10°♏41'01	24°40'19
	-9903 Feb	19 j 13:26	0°♐	
morning set	-9903 Mar	02 j 17:26	21°♐15'49	
	-9903 Mar	06 j 19:33	0°♑	
asc. node	-9903 Mar	08 j 08:49	3°♑21'51	
superior conj	-9903 Mar	09 j 17:43	6°♑19'59	0°13'26
minimum elong	-9903 Mar	09 j 17:09	6°♑16'58	0°12'44
behind sun begin	-9903 Mar	09 j 14:08	6°♑00'40	
behind sun end	-9903 Mar	09 j 20:10	6°♑33'16	
max. Earth dist.	-9903 Mar	11 j 03:28	9°♑22'06	1.33254 AU
evening rise	-9903 Mar	17 j 02:47	21°♑53'25	
	-9903 Mar	21 j 05:30	0°♒	
	-9903 Apr	08 j 13:42	0°♓	
evening max el	-9903 Apr	18 j 12:39	11°♓39'35	27°22'49
desc. node	-9903 Apr	24 j 01:06	16°♓11'43	
retrograde	-9903 May	02 j 10:25	19°♓10'13	
evening set	-9903 May	09 j 08:28	16°♓48'31	
min. Earth dist.	-9903 May	13 j 00:37	13°♓48'30	0.62290 AU
inferior conj	-9903 May	16 j 00:13	10°♓55'43	-3°40'13
minimum elong	-9903 May	16 j 00:18	10°♓55'29	3°40'29
morning rise	-9903 May	22 j 17:28	5°♓50'44	
direct	-9903 May	25 j 09:26	5°♓18'10	
morning max el	-9903 Jun	01 j 00:54	8°♓40'41	18°00'54
asc. node	-9903 Jun	04 j 08:59	12°♓34'20	
	-9903 Jun	15 j 01:28	0°♈	
morning set	-9903 Jun	17 j 15:09	4°♈35'16	
superior conj	-9903 Jun	29 j 01:43	24°♈38'06	1°44'12
minimum elong	-9903 Jun	29 j 04:58	24°♈51'55	1°44'13
	-9903 Jul	02 j 06:10	0°♉	
max. Earth dist.	-9903 Jul	05 j 20:51	5°♉57'49	1.42806 AU
evening rise	-9903 Jul	14 j 01:08	19°♉02'41	
desc. node	-9903 Jul	20 j 22:14	29°♉39'51	
	-9903 Jul	21 j 03:33	0°♊	
	-9903 Aug	11 j 15:26	0°♋	
evening max el	-9903 Aug	13 j 12:18	2°♋00'48	21°17'10
retrograde	-9903 Aug	22 j 02:00	7°♋04'06	
evening set	-9903 Aug	26 j 05:04	5°♋28'37	
asc. node	-9903 Aug	31 j 09:22	29°♊31'23	
	-9903 Aug	31 j 00:59	30°℞♊	
inferior conj	-9903 Aug	31 j 12:52	29°♊19'23	0°02'51
minimum elong	-9903 Aug	31 j 12:48	29°♊19'39	0°03'23
transit middle	-9903 Aug	31 j 12:48	29°♊19'39	0°03'23
transit begin	-9903 Aug	31 j 10:08	29°♊28'44	
transit end	-9903 Aug	31 j 15:27	29°♊10'33	
min. Earth dist.	-9903 Aug	31 j 23:09	28°♊44'10	0.67012 AU
morning rise	-9903 Sep	05 j 20:22	23°♊00'03	
direct	-9903 Sep	10 j 21:32	20°♊52'53	
morning max el	-9903 Sep	21 j 12:12	27°♊14'44	23°40'21
	-9903 Sep	24 j 01:42	0°♋	
	-9903 Oct	15 j 21:00	0°♌	
desc. node	-9903 Oct	16 j 21:20	1°♌34'09	
morning set	-9903 Oct	26 j 12:39	17°♌09'51	
max. Earth dist.	-9903 Oct	30 j 20:53	24°♌37'55	1.39229 AU
	-9903 Nov	02 j 21:22	0°♍	
superior conj	-9903 Nov	07 j 06:17	8°♍01'44	-1°40'51
minimum elong	-9903 Nov	07 j 04:54	7°♍55'16	1°40'31
evening rise	-9903 Nov	16 j 08:01	25°♍26'36	
	-9903 Nov	18 j 16:44	0°♎	
asc. node	-9903 Nov	27 j 07:50	15°♎06'55	
evening max el	-9903 Dec	02 j 17:17	21°♎49'52	18°40'51
retrograde	-9903 Dec	10 j 16:48	25°♎42'28	
evening set	-9903 Dec	13 j 04:56	25°♎20'58	
inferior conj	-9903 Dec	20 j 21:21	20°♎53'16	4°14'14
minimum elong	-9903 Dec	20 j 22:14	20°♎51'34	4°14'03
min. Earth dist.	-9903 Dec	24 j 02:38	18°♎27'36	0.58457 AU
morning rise	-9903 Dec	28 j 13:38	15°♎42'13	
direct	-9902 Jan	03 j 14:04	14°♎13'08	
desc. node	-9902 Jan	12 j 22:42	17°♎35'46	
morning max el	-9902 Jan	17 j 16:31	21°♎31'21	26°06'16
	-9902 Jan	25 j 03:02	0°♏	
	-9902 Feb	12 j 03:13	0°♐	
morning set	-9902 Feb	15 j 05:18	6°♐19'42	
superior conj	-9902 Feb	22 j 04:52	21°♐22'18	-0°10'16
minimum elong	-9902 Feb	22 j 05:19	21°♐24'47	0°10'43
behind sun begin	-9902 Feb	22 j 01:38	21°♐04'37	
behind sun end	-9902 Feb	22 j 09:01	21°♐44'56	
max. Earth dist.	-9902 Feb	22 j 16:00	22°♐23'03	1.32853 AU
asc. node	-9902 Feb	23 j 05:55	23°♐38'53	
	-9902 Feb	26 j 04:26	0°♑	
evening rise	-9902 Mar	01 j 08:17	6°♑39'31	
	-9902 Mar	13 j 19:52	0°♒	
evening max el	-9902 Mar	31 j 16:45	23°♒46'54	26°50'33
	-9902 Apr	09 j 09:28	0°♓	
desc. node	-9902 Apr	10 j 22:22	0°♓34'51	
retrograde	-9902 Apr	14 j 18:34	1°♓12'23	
	-9902 Apr	19 j 23:33	30°℞♒	
evening set	-9902 Apr	21 j 05:19	29°♒21'53	
min. Earth dist.	-9902 Apr	25 j 05:52	26°♒33'29	0.60327 AU
inferior conj	-9902 Apr	28 j 13:53	23°♒44'51	-3°28'39
minimum elong	-9902 Apr	28 j 11:50	23°♒49'13	3°28'51
morning rise	-9902 May	05 j 20:36	19°♒00'20	
direct	-9902 May	08 j 08:58	18°♒35'31	

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

morning max el	-9902 May 15 j 13:07	22°♒05'43	18°11'48
	-9902 May 21 j 17:01	0°♓	
asc. node	-9902 May 22 j 05:50	0°♓50'21	
morning set	-9902 May 31 j 15:24	17°♓32'07	
	-9902 Jun 07 j 08:42	0°♈	
superior conj	-9902 Jun 10 j 16:06	5°♈59'04	1°49'52
minimum elong	-9902 Jun 10 j 15:59	5°♈58'34	1°49'53
max. Earth dist.	-9902 Jun 18 j 02:46	18°♈55'50	1.41152 AU
evening rise	-9902 Jun 23 j 15:50	28°♈06'41	
	-9902 Jun 24 j 19:53	0°♉	
desc. node	-9902 Jul 07 j 19:34	20°♉00'28	
	-9902 Jul 14 j 19:00	0°♊	
evening max el	-9902 Jul 27 j 04:27	15°♊21'51	22°35'07
retrograde	-9902 Aug 05 j 20:23	21°♊05'57	
evening set	-9902 Aug 10 j 13:10	19°♊09'27	
inferior conj	-9902 Aug 15 j 18:58	12°♊55'30	-0°47'38
minimum elong	-9902 Aug 15 j 19:58	12°♊52'02	0°46'43
min. Earth dist.	-9902 Aug 15 j 18:49	12°♊55'59	0.67240 AU
asc. node	-9902 Aug 18 j 06:22	9°♊37'12	
morning rise	-9902 Aug 21 j 02:41	6°♊38'47	
direct	-9902 Aug 25 j 14:01	4°♊50'57	
morning max el	-9902 Sep 04 j 00:56	10°♊31'16	22°16'13
	-9902 Sep 19 j 04:25	0°♋	
desc. node	-9902 Oct 03 j 18:10	21°♋59'57	
morning set	-9902 Oct 06 j 19:31	26°♋52'05	
	-9902 Oct 08 j 17:58	0°♌	
max. Earth dist.	-9902 Oct 12 j 21:27	6°♌51'07	1.41196 AU
superior conj	-9902 Oct 20 j 11:57	19°♌58'15	-1°29'01
minimum elong	-9902 Oct 20 j 08:18	19°♌42'02	1°28'18
	-9902 Oct 26 j 01:04	0°♍	
evening rise	-9902 Oct 30 j 18:26	8°♍45'33	
	-9902 Nov 12 j 02:20	0°♎	
asc. node	-9902 Nov 14 j 05:06	2°♎45'00	
evening max el	-9902 Nov 16 j 00:13	4°♎42'40	18°14'22
retrograde	-9902 Nov 23 j 04:01	8°♎19'21	
evening set	-9902 Nov 25 j 16:38	7°♎53'15	
inferior conj	-9902 Dec 02 j 20:09	3°♎03'57	4°09'30
minimum elong	-9902 Dec 02 j 18:05	3°♎08'29	4°09'21
min. Earth dist.	-9902 Dec 05 j 23:51	0°♎19'01	0.60326 AU
	-9902 Dec 06 j 09:01	30°℞♍	
morning rise	-9902 Dec 09 j 18:05	27°♍33'12	
direct	-9902 Dec 16 j 13:16	25°♍27'11	
	-9902 Dec 27 j 06:44	0°♎	
morning max el	-9902 Dec 30 j 14:08	2°♎54'11	27°07'15
desc. node	-9902 Dec 30 j 19:27	3°♎07'01	
	-9901 Jan 19 j 10:30	0°♏	
morning set	-9901 Jan 30 j 14:42	21°♏15'12	
	-9901 Feb 03 j 17:43	0°♐	
max. Earth dist.	-9901 Feb 06 j 05:34	5°♐25'06	1.32771 AU
superior conj	-9901 Feb 06 j 16:41	6°♐25'51	-0°33'07
minimum elong	-9901 Feb 06 j 18:02	6°♐33'10	0°33'22
asc. node	-9901 Feb 10 j 03:04	13°♐54'34	
evening rise	-9901 Feb 13 j 17:29	21°♐35'21	
	-9901 Feb 17 j 20:56	0°♑	
	-9901 Mar 08 j 17:51	0°♒	
evening max el	-9901 Mar 13 j 15:00	5°♒15'36	25°48'05
retrograde	-9901 Mar 27 j 17:37	12°♒31'11	
desc. node	-9901 Mar 28 j 19:33	12°♒28'20	
evening set	-9901 Apr 02 j 06:43	11°♒16'46	
min. Earth dist.	-9901 Apr 07 j 04:05	8°♒24'36	0.58349 AU
inferior conj	-9901 Apr 10 j 10:00	6°♒02'27	-2°50'47
minimum elong	-9901 Apr 10 j 06:08	6°♒09'34	2°50'31
morning rise	-9901 Apr 18 j 08:42	1°♒38'07	
direct	-9901 Apr 20 j 17:20	1°♒19'51	
morning max el	-9901 Apr 28 j 20:45	5°♒12'00	18°42'12
asc. node	-9901 May 09 j 02:41	19°♒44'48	
	-9901 May 14 j 14:07	0°♓	
morning set	-9901 May 15 j 04:57	1°♓11'41	
superior conj	-9901 May 24 j 04:33	18°♓28'20	1°44'10
minimum elong	-9901 May 24 j 02:22	18°♓18'02	1°43'52
	-9901 May 30 j 11:47	0°♈	
max. Earth dist.	-9901 May 31 j 03:41	1°♈10'26	1.39278 AU
evening rise	-9901 Jun 04 j 09:00	8°♈29'33	
	-9901 Jun 17 j 19:12	0°♉	
desc. node	-9901 Jun 24 j 16:57	10°♉05'02	
evening max el	-9901 Jul 09 j 15:52	28°♉42'39	23°57'03
	-9901 Jul 10 j 23:50	0°♊	
retrograde	-9901 Jul 20 j 11:45	5°♊07'21	
evening set	-9901 Jul 25 j 19:15	2°♊50'12	
	-9901 Jul 28 j 10:55	30°℞♉	
min. Earth dist.	-9901 Jul 30 j 14:13	27°♉11'15	0.67170 AU
inferior conj	-9901 Jul 31 j 01:04	26°♉34'12	-1°34'53
minimum elong	-9901 Jul 31 j 02:57	26°♉27'46	1°33'46
morning rise	-9901 Aug 05 j 10:36	20°♉23'27	
asc. node	-9901 Aug 05 j 03:18	20°♉37'47	
direct	-9901 Aug 09 j 09:51	18°♉53'55	
morning max el	-9901 Aug 17 j 19:05	23°♉52'46	20°57'52
	-9901 Aug 23 j 00:02	0°♊	
	-9901 Sep 12 j 14:09	0°♋	
morning set	-9901 Sep 16 j 03:47	5°♋32'07	
desc. node	-9901 Sep 20 j 15:04	12°♋34'37	
max. Earth dist.	-9901 Sep 25 j 03:50	19°♋51'29	1.42888 AU
	-9901 Oct 01 j 07:16	0°♌	
superior conj	-9901 Oct 01 j 17:07	0°♌41'24	-1°04'06
minimum elong	-9901 Oct 01 j 12:14	0°♌20'49	1°03'03
evening rise	-9901 Oct 13 j 14:51	21°♌21'56	
	-9901 Oct 18 j 11:53	0°♍	
evening max el	-9901 Oct 30 j 11:52	17°♍53'29	18°07'37
asc. node	-9901 Nov 01 j 02:21	19°♍20'21	
retrograde	-9901 Nov 06 j 05:01	21°♍25'15	
evening set	-9901 Nov 08 j 19:41	20°♍52'53	
inferior conj	-9901 Nov 15 j 11:39	15°♍42'54	3°43'07
minimum elong	-9901 Nov 15 j 08:10	15°♍51'36	3°42'40
min. Earth dist.	-9901 Nov 18 j 05:40	12°♍59'08	0.62152 AU
morning rise	-9901 Nov 21 j 19:37	9°♍56'13	
direct	-9901 Nov 28 j 21:36	7°♍23'20	
morning max el	-9901 Dec 12 j 17:57	14°♍56'13	27°34'48
desc. node	-9901 Dec 17 j 16:08	20°♍14'22	
	-9901 Dec 25 j 03:22	0°♎	
	-9900 Jan 11 j 20:28	0°♏	
morning set	-9900 Jan 14 j 19:31	5°♏54'30	
max. Earth dist.	-9900 Jan 20 j 16:25	18°♏14'41	1.33032 AU
superior conj	-9900 Jan 22 j 03:31	21°♏24'21	-0°54'24
minimum elong	-9900 Jan 22 j 05:31	21°♏35'10	0°54'29
	-9900 Jan 26 j 02:38	0°♐	
asc. node	-9900 Jan 28 j 00:15	4°♐04'28	
evening rise	-9900 Jan 29 j 04:32	6°♐34'03	
	-9900 Feb 10 j 16:59	0°♑	
evening max el	-9900 Feb 23 j 08:55	16°♑15'20	24°23'44
retrograde	-9900 Mar 08 j 05:06	23°♑09'50	
evening set	-9900 Mar 12 j 14:34	22°♑26'23	
desc. node	-9900 Mar 14 j 16:41	21°♑37'30	
min. Earth dist.	-9900 Mar 18 j 22:06	19°♑17'46	0.56678 AU
inferior conj	-9900 Mar 21 j 10:20	17°♑41'43	-1°40'51
minimum elong	-9900 Mar 21 j 06:44	17°♑47'30	1°40'23
morning rise	-9900 Mar 30 j 02:00	13°♑33'16	
direct	-9900 Apr 01 j 07:35	13°♑19'34	
morning max el	-9900 Apr 10 j 20:45	17°♑48'58	19°32'21

Attention, astronomical year style is used: The year -10400 in astronomical counting style is the year 10401 BCE in historical counting style.

	-9900 Apr 19 j 23:05	0°♒	
asc. node	-9900 Apr 24 j 23:33	9°♒07'58	
morning set	-9900 Apr 28 j 04:02	15°♒23'38	
	-9900 May 05 j 11:13	0°♓	
superior conj	-9900 May 06 j 09:24	1°♓49'18	1°30'38
minimum elong	-9900 May 06 j 06:27	1°♓34'49	1°29'59
max. Earth dist.	-9900 May 12 j 04:43	12°♓56'08	1.37441 AU
evening rise	-9900 May 16 j 04:27	20°♓12'31	
	-9900 May 21 j 20:10	0°♈	
desc. node	-9900 Jun 10 j 14:22	29°♈45'44	
	-9900 Jun 10 j 18:42	0°♉	
evening max el	-9900 Jun 21 j 01:40	12°♉05'48	25°15'32
retrograde	-9900 Jul 02 j 23:09	19°♉03'25	
evening set	-9900 Jul 08 j 21:20	16°♉28'46	
min. Earth dist.	-9900 Jul 13 j 06:54	11°♉27'29	0.66773 AU
inferior conj	-9900 Jul 14 j 05:25	10°♉13'19	-2°17'26
minimum elong	-9900 Jul 14 j 07:53	10°♉05'11	2°16'21
morning rise	-9900 Jul 19 j 18:25	4°♉11'52	
asc. node	-9900 Jul 22 j 00:12	3°♉08'25	
direct	-9900 Jul 23 j 07:37	2°♉58'35	
morning max el	-9900 Jul 30 j 19:48	7°♉20'46	19°50'40
	-9900 Aug 16 j 05:12	0°♊	
morning set	-9900 Aug 25 j 06:05	13°♊58'33	
	-9900 Sep 04 j 11:06	0°♋	
max. Earth dist.	-9900 Sep 06 j 16:17	3°♋31'13	1.44075 AU
desc. node	-9900 Sep 06 j 12:05	3°♋14'32	
superior conj	-9900 Sep 10 j 18:35	10°♋05'06	-0°25'48
minimum elong	-9900 Sep 10 j 15:46	9°♋53'45	0°24'52
	-9900 Sep 22 j 20:32	0°♌	
evening rise	-9900 Sep 24 j 16:15	3°♌04'19	
	-9900 Oct 11 j 21:22	0°♍	
evening max el	-9900 Oct 13 j 01:18	1°♍15'53	18°19'38
asc. node	-9900 Oct 17 j 23:34	4°♍37'12	
retrograde	-9900 Oct 19 j 15:49	4°♍52'09	
evening set	-9900 Oct 22 j 10:28	4°♍11'16	
	-9900 Oct 27 j 12:10	30°℞♌	
inferior conj	-9900 Oct 28 j 16:23	28°♌42'47	3°03'29
minimum elong	-9900 Oct 28 j 12:46	28°♌52'52	3°02'51
min. Earth dist.	-9900 Oct 30 j 21:22	26°♌16'06	0.63760 AU
morning rise	-9900 Nov 03 j 14:21	22°♌43'14	
direct	-9900 Nov 10 j 13:24	19°♌57'58	
morning max el	-9900 Nov 24 j 02:01	27°♌32'23	27°27'32
	-9900 Nov 26 j 11:22	0°♍	
desc. node	-9900 Dec 03 j 12:49	8°♍30'21	
	-9900 Dec 17 j 18:16	0°♎	
morning set	-9900 Dec 28 j 17:13	20°♎08'43	
	-9899 Jan 02 j 13:16	0°♏	
max. Earth dist.	-9899 Jan 02 j 20:52	0°♏39'47	1.33675 AU
superior conj	-9899 Jan 05 j 11:36	6°♏11'30	-1°13'13
minimum elong	-9899 Jan 05 j 13:54	6°♏23'47	1°13'12
evening rise	-9899 Jan 12 j 15:45	21°♏29'28	
asc. node	-9899 Jan 13 j 21:29	24°♏04'00	
	-9899 Jan 16 j 20:09	0°♐	
evening max el	-9899 Feb 04 j 02:44	27°♐06'53	22°50'07
	-9899 Feb 07 j 14:36	0°♑	
retrograde	-9899 Feb 17 j 03:41	3°♑25'12	
evening set	-9899 Feb 20 j 12:47	3°♑00'17	
	-9899 Feb 27 j 12:30	30°℞♐	
min. Earth dist.	-9899 Feb 28 j 13:47	29°♐23'55	0.55636 AU
inferior conj	-9899 Mar 01 j 16:50	28°♐44'42	-0°02'03
minimum elong	-9899 Mar 01 j 16:43	28°♐44'52	0°02'35
transit middle	-9899 Mar 01 j 16:43	28°♐44'52	0°02'35
transit begin	-9899 Mar 01 j 12:42	28°♐50'42	
transit end	-9899 Mar 01 j 20:44	28°♐39'02	
desc. node	-9899 Mar 01 j 13:43	28°♐49'13	
morning rise	-9899 Mar 10 j 22:15	24°♐42'39	
direct	-9899 Mar 13 j 05:52	24°♐29'50	
morning max el	-9899 Mar 24 j 10:32	29°♐48'11	20°41'54
	-9899 Mar 24 j 15:30	0°♑	
asc. node	-9899 Apr 11 j 20:30	28°♑52'55	
morning set	-9899 Apr 12 j 09:43	0°♒00'09	
	-9899 Apr 12 j 09:41	0°♒	
superior conj	-9899 Apr 20 j 02:06	15°♒49'13	1°12'01
minimum elong	-9899 Apr 19 j 23:18	15°♒34'59	1°11'10
max. Earth dist.	-9899 Apr 24 j 12:32	24°♒41'45	1.35840 AU
	-9899 Apr 27 j 06:27	0°♓	
evening rise	-9899 Apr 28 j 20:56	3°♓01'14	
	-9899 May 14 j 18:57	0°♈	
desc. node	-9899 May 28 j 11:47	18°♈52'21	
evening max el	-9899 Jun 03 j 12:04	25°♈29'45	26°21'53
	-9899 Jun 08 j 19:34	0°♉	
retrograde	-9899 Jun 16 j 05:46	2°♉48'35	
evening set	-9899 Jun 22 j 17:12	0°♉02'50	
	-9899 Jun 22 j 18:30	30°℞♈	
min. Earth dist.	-9899 Jun 26 j 18:30	25°♈40'52	0.66014 AU
inferior conj	-9899 Jun 28 j 06:03	23°♈50'22	-2°53'40
minimum elong	-9899 Jun 28 j 08:41	23°♈42'11	2°52'52
morning rise	-9899 Jul 04 j 00:17	18°♈01'26	
direct	-9899 Jul 07 j 05:29	17°♈02'07	
asc. node	-9899 Jul 08 j 21:05	17°♈17'12	
morning max el	-9899 Jul 14 j 02:43	20°♈55'15	18°58'00
	-9899 Jul 21 j 04:26	0°♉	
morning set	-9899 Aug 04 j 22:38	23°♉07'02	
	-9899 Aug 09 j 06:22	0°♊	
superior conj	-9899 Aug 20 j 22:21	18°♊28'16	0°20'47
minimum elong	-9899 Aug 21 j 01:00	18°♊38'44	0°21'00
max. Earth dist.	-9899 Aug 20 j 08:50	17°♊34'51	1.44608 AU
desc. node	-9899 Aug 24 j 09:12	23°♊56'15	
	-9899 Aug 28 j 04:47	0°♋	
evening rise	-9899 Sep 05 j 17:17	13°♋39'44	
	-9899 Sep 15 j 21:25	0°♌	
evening max el	-9899 Sep 26 j 13:38	14°♌43'33	18°49'17
retrograde	-9899 Oct 03 j 08:46	18°♌33'15	
asc. node	-9899 Oct 04 j 20:46	18°♌20'27	
evening set	-9899 Oct 06 j 09:35	17°♌41'01	
inferior conj	-9899 Oct 12 j 07:03	11°♌56'54	2°16'13
minimum elong	-9899 Oct 12 j 04:04	12°♌05'55	2°15'41
min. Earth dist.	-9899 Oct 13 j 22:44	9°♌56'53	0.65070 AU
morning rise	-9899 Oct 17 j 22:07	5°♌47'23	
direct	-9899 Oct 24 j 11:28	3°♌02'57	
morning max el	-9899 Nov 06 j 11:57	10°♌31'40	26°49'06
desc. node	-9899 Nov 20 j 09:31	27°♌34'18	
	-9899 Nov 22 j 02:05	0°♍	
	-9899 Dec 10 j 04:28	0°♎	
morning set	-9899 Dec 12 j 04:23	3°♎46'05	
max. Earth dist.	-9899 Dec 16 j 15:43	12°♎32'33	1.34741 AU
superior conj	-9899 Dec 20 j 14:45	20°♎38'56	-1°28'34
minimum elong	-9899 Dec 20 j 16:54	20°♎50'03	1°28'30
	-9899 Dec 25 j 01:45	0°♏	
evening rise	-9899 Dec 28 j 01:23	6°♏14'36	
asc. node	-9899 Dec 31 j 18:45	13°♏46'51	
	-9898 Jan 10 j 04:33	0°♐	