

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3400 Jan 04 j 05:22	18°♂09'54	-1°53'07	desc. node	-3400 Nov 21 j 09:56	19°♂07'07	
minimum elong	-3400 Jan 04 j 07:07	18°♂18'08	1°53'10		-3400 Nov 28 j 12:10	0°♂	
	-3400 Jan 10 j 09:16	0°♂		morning set	-3400 Dec 03 j 02:46	7°♂20'25	
evening rise	-3400 Jan 13 j 06:31	5°♂37'46		max. Earth dist.	-3400 Dec 08 j 18:05	16°♂38'40	1.40902 AU
asc. node	-3400 Jan 20 j 10:27	19°♂05'22			-3400 Dec 16 j 10:54	0°♂	
	-3400 Jan 27 j 17:27	0°♂					
evening max el	-3400 Jan 29 j 17:07	2°♂07'31	18°45'54	superior conj	-3400 Dec 16 j 12:12	0°♂05'47	-1°55'21
retrograde	-3400 Feb 06 j 18:37	6°♂01'20		minimum elong	-3400 Dec 16 j 11:07	0°♂00'55	1°55'27
evening set	-3400 Feb 09 j 05:13	5°♂41'17		evening rise	-3400 Dec 26 j 16:32	18°♂49'59	
inferior conj	-3400 Feb 16 j 22:38	1°♂19'03	3°24'12		-3399 Jan 01 j 18:04	0°♂	
minimum elong	-3400 Feb 17 j 02:45	1°♂11'23	3°23'20	asc. node	-3399 Jan 06 j 07:29	7°♂37'41	
	-3400 Feb 18 j 17:00	30°♂		evening max el	-3399 Jan 11 j 23:29	14°♂53'21	18°17'00
min. Earth dist.	-3400 Feb 20 j 05:54	28°♂52'59	0.57827 AU	retrograde	-3399 Jan 19 j 02:51	18°♂27'16	
morning rise	-3400 Feb 24 j 21:45	26°♂06'54		evening set	-3399 Jan 21 j 16:43	18°♂00'26	
direct	-3400 Mar 01 j 13:24	24°♂48'51		inferior conj	-3399 Jan 28 j 18:31	13°♂17'04	3°56'19
desc. node	-3400 Mar 02 j 12:06	24°♂51'03		minimum elong	-3399 Jan 28 j 20:01	13°♂13'49	3°56'06
	-3400 Mar 13 j 07:26	0°♂		min. Earth dist.	-3399 Feb 01 j 02:38	10°♂25'08	0.59792 AU
morning max el	-3400 Mar 15 j 19:48	2°♂15'46	26°05'08	morning rise	-3399 Feb 04 j 21:28	7°♂42'49	
	-3400 Apr 04 j 13:26	0°♂		direct	-3399 Feb 11 j 10:59	5°♂45'50	
morning set	-3400 Apr 13 j 03:48	16°♂50'29		desc. node	-3399 Feb 17 j 09:11	7°♂14'20	
asc. node	-3400 Apr 17 j 09:57	25°♂57'36		morning max el	-3399 Feb 25 j 16:31	13°♂24'44	27°10'14
	-3400 Apr 19 j 06:22	0°♂			-3399 Mar 10 j 21:49	0°♂	
					-3399 Mar 27 j 17:12	0°♂	
superior conj	-3400 Apr 20 j 04:01	1°♂58'25	0°28'29	morning set	-3399 Mar 28 j 13:14	1°♂43'29	
minimum elong	-3400 Apr 20 j 02:47	1°♂51'41	0°28'13	max. Earth dist.	-3399 Apr 04 j 05:47	16°♂04'45	1.32534 AU
max. Earth dist.	-3400 Apr 20 j 16:17	3°♂05'30	1.32685 AU	asc. node	-3399 Apr 04 j 06:56	16°♂10'59	
evening rise	-3400 Apr 27 j 05:31	17°♂07'25					
	-3400 May 03 j 17:55	0°♂		superior conj	-3399 Apr 04 j 15:45	16°♂59'19	0°03'52
	-3400 May 23 j 09:17	0°♂		minimum elong	-3399 Apr 04 j 15:35	16°♂58'21	0°03'48
evening max el	-3400 May 27 j 22:01	4°♂48'37	26°56'33	behind sun begin	-3399 Apr 04 j 10:42	16°♂31'38	
desc. node	-3400 May 29 j 10:58	6°♂13'14		behind sun end	-3399 Apr 04 j 20:28	17°♂25'05	
retrograde	-3400 Jun 10 j 21:34	12°♂08'33			-3399 Apr 10 j 15:42	0°♂	
evening set	-3400 Jun 17 j 17:18	10°♂04'17		evening rise	-3399 Apr 11 j 14:50	2°♂02'06	
min. Earth dist.	-3400 Jun 21 j 11:33	7°♂21'31	0.60894 AU		-3399 Apr 26 j 20:35	0°♂	
inferior conj	-3400 Jun 24 j 18:08	4°♂33'01	-4°20'38	evening max el	-3399 May 09 j 20:32	16°♂23'35	25°57'56
minimum elong	-3400 Jun 24 j 19:36	4°♂29'52	4°20'26	desc. node	-3399 May 16 j 08:02	21°♂23'57	
	-3400 Jul 01 j 07:32	30°♂		retrograde	-3399 May 23 j 22:30	23°♂39'14	
morning rise	-3400 Jul 01 j 23:37	29°♂45'03		evening set	-3399 May 29 j 21:56	22°♂12'17	
direct	-3400 Jul 04 j 12:32	29°♂19'17		min. Earth dist.	-3399 Jun 03 j 09:02	19°♂29'32	0.58849 AU
	-3400 Jul 07 j 15:20	0°♂		inferior conj	-3399 Jun 06 j 17:22	17°♂00'13	-4°18'11
morning max el	-3400 Jul 11 j 14:52	2°♂48'42	18°05'06	minimum elong	-3399 Jun 06 j 15:28	17°♂03'47	4°17'59
asc. node	-3400 Jul 14 j 09:25	5°♂55'33		morning rise	-3399 Jun 14 j 11:36	12°♂34'20	
morning set	-3400 Jul 27 j 14:52	28°♂05'01		direct	-3399 Jun 16 j 23:50	12°♂13'17	
	-3400 Jul 28 j 15:39	0°♂		morning max el	-3399 Jun 24 j 22:51	15°♂59'49	18°34'09
				asc. node	-3399 Jul 01 j 06:27	23°♂59'26	
superior conj	-3400 Aug 06 j 16:19	16°♂27'27	1°40'12		-3399 Jul 04 j 20:57	0°♂	
minimum elong	-3400 Aug 06 j 19:40	16°♂42'19	1°40'07	morning set	-3399 Jul 11 j 04:45	11°♂50'02	
max. Earth dist.	-3400 Aug 14 j 05:49	29°♂29'17	1.41683 AU				
	-3400 Aug 14 j 13:10	0°♂		superior conj	-3399 Jul 20 j 03:53	28°♂59'13	1°48'34
evening rise	-3400 Aug 20 j 00:54	8°♂58'57		minimum elong	-3399 Jul 20 j 04:38	29°♂02'42	1°48'40
desc. node	-3400 Aug 25 j 10:15	17°♂28'32			-3399 Jul 20 j 16:56	0°♂	
	-3400 Sep 02 j 17:41	0°♂		max. Earth dist.	-3399 Jul 27 j 09:22	12°♂03'37	1.39769 AU
evening max el	-3400 Sep 22 j 03:48	25°♂22'59	22°26'42	evening rise	-3399 Jul 31 j 15:20	19°♂20'48	
	-3400 Sep 27 j 22:11	0°♂			-3399 Aug 07 j 03:54	0°♂	
retrograde	-3400 Oct 01 j 18:21	1°♂05'20		desc. node	-3399 Aug 12 j 07:15	7°♂58'24	
	-3400 Oct 05 j 06:59	30°♂			-3399 Aug 28 j 00:03	0°♂	
evening set	-3400 Oct 06 j 08:20	29°♂13'58		evening max el	-3399 Sep 04 j 16:45	8°♂50'04	23°47'17
asc. node	-3400 Oct 10 j 08:27	24°♂44'27		retrograde	-3399 Sep 15 j 10:24	15°♂10'09	
inferior conj	-3400 Oct 11 j 15:56	22°♂56'44	0°26'58	evening set	-3399 Sep 20 j 14:37	12°♂59'25	
minimum elong	-3400 Oct 11 j 15:18	22°♂58'54	0°26'44	inferior conj	-3399 Sep 25 j 22:26	6°♂40'00	-0°26'40
min. Earth dist.	-3400 Oct 11 j 15:00	22°♂59'59	0.67448 AU	minimum elong	-3399 Sep 25 j 23:03	6°♂37'51	0°26'20
morning rise	-3400 Oct 16 j 22:11	16°♂43'18		min. Earth dist.	-3399 Sep 25 j 11:14	7°♂18'09	0.67394 AU
direct	-3400 Oct 21 j 11:42	14°♂51'49		asc. node	-3399 Sep 27 j 05:33	4°♂55'11	
morning max el	-3400 Oct 30 j 22:33	20°♂28'42	22°18'18	morning rise	-3399 Oct 01 j 07:28	0°♂30'54	
	-3400 Nov 07 j 22:57	0°♂			-3399 Oct 02 j 01:23	30°♂	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3399 Oct 05 j 07:31	29° $\Omega$ 00'24		asc. node	-3398 Sep 14 j 02:39	15° $\Omega$ 41'42	
	-3399 Oct 08 j 19:16	0° $\mathbb{M}$		morning rise	-3398 Sep 15 j 16:45	14° $\Omega$ 23'12	
morning max el	-3399 Oct 13 j 16:22	3° $\mathbb{M}$ 55'21	20°58'28	direct	-3398 Sep 19 j 05:23	13° $\Omega$ 11'09	
	-3399 Nov 02 j 00:33	0° $\underline{\Omega}$		morning max el	-3398 Sep 26 j 17:26	17° $\Omega$ 30'53	19°50'13
desc. node	-3399 Nov 08 j 06:55	9° $\underline{\Omega}$ 30'19			-3398 Oct 06 j 10:22	0° $\mathbb{M}$	
morning set	-3399 Nov 12 j 08:56	15° $\underline{\Omega}$ 49'55		morning set	-3398 Oct 22 j 07:13	24° $\mathbb{M}$ 04'11	
max. Earth dist.	-3399 Nov 20 j 22:40	29° $\underline{\Omega}$ 29'08	1.42737 AU	desc. node	-3398 Oct 26 j 03:54	0° $\underline{\Omega}$ 04'34	
	-3399 Nov 21 j 06:15	0° $\mathbb{M}$			-3398 Oct 26 j 02:44	0° $\underline{\Omega}$	
				max. Earth dist.	-3398 Nov 03 j 10:15	13° $\underline{\Omega}$ 05'29	1.44088 AU
superior conj	-3399 Nov 27 j 19:21	10° $\mathbb{M}$ 52'02	-1°43'59				
minimum elong	-3399 Nov 27 j 14:22	10° $\mathbb{M}$ 31'00	1°43'44	superior conj	-3398 Nov 07 j 23:12	20° $\underline{\Omega}$ 22'15	-1°15'54
	-3399 Dec 08 j 18:39	0° $\mathbb{M}$		minimum elong	-3398 Nov 07 j 15:59	19° $\underline{\Omega}$ 53'09	1°15'10
evening rise	-3399 Dec 09 j 12:31	1° $\mathbb{M}$ 19'48			-3398 Nov 13 j 20:31	0° $\mathbb{M}$	
asc. node	-3399 Dec 24 j 04:33	25° $\mathbb{M}$ 26'28		evening rise	-3398 Nov 21 j 14:01	12° $\mathbb{M}$ 58'32	
evening max el	-3399 Dec 26 j 10:25	27° $\mathbb{M}$ 58'31	18°07'54		-3398 Dec 01 j 17:30	0° $\mathbb{M}$	
	-3399 Dec 28 j 20:28	0° $\mathbb{M}$		evening max el	-3398 Dec 09 j 23:07	11° $\mathbb{M}$ 16'29	18°17'54
retrograde	-3398 Jan 02 j 02:08	1° $\mathbb{M}$ 26'07		asc. node	-3398 Dec 11 j 01:39	12° $\mathbb{M}$ 19'21	
evening set	-3398 Jan 04 j 19:10	0° $\mathbb{M}$ 51'30		retrograde	-3398 Dec 16 j 12:07	14° $\mathbb{M}$ 49'19	
	-3398 Jan 06 j 10:07	30° $\mathbb{M}$ 31'30		evening set	-3398 Dec 19 j 09:05	14° $\mathbb{M}$ 05'37	
inferior conj	-3398 Jan 11 j 08:22	25° $\mathbb{M}$ 47'00	3°59'58	inferior conj	-3398 Dec 25 j 12:24	8° $\mathbb{M}$ 41'23	3°43'32
minimum elong	-3398 Jan 11 j 07:23	25° $\mathbb{M}$ 49'24	3°59'48	minimum elong	-3398 Dec 25 j 09:54	8° $\mathbb{M}$ 48'20	3°43'02
min. Earth dist.	-3398 Jan 14 j 07:03	22° $\mathbb{M}$ 52'55	0.61793 AU	min. Earth dist.	-3398 Dec 27 j 20:59	6° $\mathbb{M}$ 05'05	0.63596 AU
morning rise	-3398 Jan 17 j 18:27	19° $\mathbb{M}$ 57'51		morning rise	-3398 Dec 31 j 10:05	2° $\mathbb{M}$ 42'03	
direct	-3398 Jan 24 j 18:46	17° $\mathbb{M}$ 28'14			-3397 Jan 06 j 02:00	30° $\mathbb{M}$ 31'30	
desc. node	-3398 Feb 04 j 06:17	22° $\mathbb{M}$ 02'57		direct	-3397 Jan 07 j 10:34	29° $\mathbb{M}$ 53'59	
morning max el	-3398 Feb 07 j 19:28	25° $\mathbb{M}$ 13'21	27°41'16		-3397 Jan 08 j 19:51	0° $\mathbb{M}$	
	-3398 Feb 12 j 05:43	0° $\mathbb{M}$		morning max el	-3397 Jan 21 j 02:57	7° $\mathbb{M}$ 39'04	27°35'52
	-3398 Mar 04 j 06:26	0° $\mathbb{M}$		desc. node	-3397 Jan 22 j 03:22	8° $\mathbb{M}$ 40'50	
morning set	-3398 Mar 12 j 18:24	16° $\mathbb{M}$ 20'34			-3397 Feb 07 j 09:46	0° $\mathbb{M}$	
max. Earth dist.	-3398 Mar 18 j 17:01	28° $\mathbb{M}$ 52'32	1.32733 AU		-3397 Feb 24 j 10:06	0° $\mathbb{M}$	
	-3398 Mar 19 j 05:29	0° $\mathbb{M}$		morning set	-3397 Feb 24 j 16:51	0° $\mathbb{M}$ 33'30	
				max. Earth dist.	-3397 Mar 01 j 22:08	11° $\mathbb{M}$ 15'58	1.33323 AU
superior conj	-3398 Mar 20 j 02:24	1° $\mathbb{M}$ 53'31	-0°21'29				
minimum elong	-3398 Mar 20 j 03:23	1° $\mathbb{M}$ 58'49	0°21'21	superior conj	-3397 Mar 04 j 10:15	16° $\mathbb{M}$ 35'15	-0°46'36
asc. node	-3398 Mar 22 j 03:56	6° $\mathbb{M}$ 23'07		minimum elong	-3397 Mar 04 j 12:20	16° $\mathbb{M}$ 46'19	0°46'17
evening rise	-3398 Mar 27 j 02:08	16° $\mathbb{M}$ 59'08		asc. node	-3397 Mar 09 j 00:58	26° $\mathbb{M}$ 29'53	
	-3398 Apr 02 j 13:54	0° $\mathbb{M}$			-3397 Mar 10 j 16:23	0° $\mathbb{M}$	
evening max el	-3398 Apr 21 j 13:33	27° $\mathbb{M}$ 21'15	24°35'23	evening rise	-3397 Mar 11 j 13:42	1° $\mathbb{M}$ 52'26	
	-3398 Apr 24 j 14:37	0° $\mathbb{M}$			-3397 Mar 27 j 08:31	0° $\mathbb{M}$	
desc. node	-3398 May 03 j 05:08	4° $\mathbb{M}$ 12'14		evening max el	-3397 Apr 03 j 05:40	8° $\mathbb{M}$ 02'52	23°01'34
retrograde	-3398 May 05 j 12:42	4° $\mathbb{M}$ 24'38		retrograde	-3397 Apr 16 j 13:49	14° $\mathbb{M}$ 37'18	
evening set	-3398 May 10 j 05:17	3° $\mathbb{M}$ 34'48		evening set	-3397 Apr 19 j 22:48	14° $\mathbb{M}$ 12'25	
min. Earth dist.	-3398 May 16 j 01:32	0° $\mathbb{M}$ 36'14	0.56983 AU	desc. node	-3397 Apr 20 j 02:14	14° $\mathbb{M}$ 10'18	
	-3398 May 17 j 00:15	30° $\mathbb{M}$ 31'30		min. Earth dist.	-3397 Apr 27 j 15:55	10° $\mathbb{M}$ 46'46	0.55649 AU
inferior conj	-3398 May 18 j 20:52	28° $\mathbb{M}$ 47'17	-3°42'05	inferior conj	-3397 Apr 29 j 05:08	9° $\mathbb{M}$ 52'38	-2°25'00
minimum elong	-3398 May 18 j 15:32	28° $\mathbb{M}$ 55'59	3°41'02	minimum elong	-3397 Apr 28 j 23:23	10° $\mathbb{M}$ 01'01	2°23'17
morning rise	-3398 May 27 j 04:54	24° $\mathbb{M}$ 40'17		morning rise	-3397 May 08 j 02:18	5° $\mathbb{M}$ 55'31	
direct	-3398 May 29 j 16:43	24° $\mathbb{M}$ 22'58		direct	-3397 May 10 j 15:44	5° $\mathbb{M}$ 39'49	
morning max el	-3398 Jun 07 j 23:00	28° $\mathbb{M}$ 41'17	19°23'39	morning max el	-3397 May 21 j 12:56	10° $\mathbb{M}$ 44'01	20°33'21
	-3398 Jun 09 j 06:38	0° $\mathbb{M}$			-3397 Jun 03 j 23:00	0° $\mathbb{M}$	
asc. node	-3398 Jun 18 j 03:29	12° $\mathbb{M}$ 44'27		asc. node	-3397 Jun 05 j 00:31	2° $\mathbb{M}$ 00'32	
morning set	-3398 Jun 25 j 03:48	26° $\mathbb{M}$ 04'17		morning set	-3397 Jun 09 j 09:13	10° $\mathbb{M}$ 40'22	
	-3398 Jun 27 j 02:57	0° $\mathbb{M}$					
superior conj	-3398 Jul 03 j 08:23	12° $\mathbb{M}$ 23'08	1°46'51	superior conj	-3397 Jun 17 j 00:59	26° $\mathbb{M}$ 25'18	1°37'34
minimum elong	-3398 Jul 03 j 07:09	12° $\mathbb{M}$ 17'10	1°46'55	minimum elong	-3397 Jun 16 j 22:40	26° $\mathbb{M}$ 13'29	1°37'29
max. Earth dist.	-3398 Jul 09 j 11:07	24° $\mathbb{M}$ 00'49	1.37824 AU		-3397 Jun 18 j 19:31	0° $\mathbb{M}$	
	-3398 Jul 12 j 18:23	0° $\mathbb{M}$		max. Earth dist.	-3397 Jun 21 j 17:49	5° $\mathbb{M}$ 47'32	1.36077 AU
evening rise	-3398 Jul 13 j 07:31	0° $\mathbb{M}$ 58'16		evening rise	-3397 Jun 25 j 21:20	13° $\mathbb{M}$ 40'58	
desc. node	-3398 Jul 30 j 04:15	28° $\mathbb{M}$ 14'17			-3397 Jul 05 j 04:38	0° $\mathbb{M}$	
	-3398 Jul 31 j 09:12	0° $\mathbb{M}$		desc. node	-3397 Jul 17 j 01:17	18° $\mathbb{M}$ 09'26	
evening max el	-3398 Aug 18 j 03:42	22° $\mathbb{M}$ 20'40	25°05'20		-3397 Jul 26 j 04:09	0° $\mathbb{M}$	
retrograde	-3398 Aug 29 j 22:26	29° $\mathbb{M}$ 11'29		evening max el	-3397 Jul 31 j 14:49	5° $\mathbb{M}$ 53'08	26°12'42
evening set	-3398 Sep 04 j 17:34	26° $\mathbb{M}$ 42'55		retrograde	-3397 Aug 13 j 05:40	13° $\mathbb{M}$ 03'39	
min. Earth dist.	-3398 Sep 09 j 05:21	21° $\mathbb{M}$ 37'03	0.67026 AU	evening set	-3397 Aug 19 j 15:08	10° $\mathbb{M}$ 21'36	
inferior conj	-3398 Sep 10 j 03:14	20° $\mathbb{M}$ 24'59	-1°20'14	min. Earth dist.	-3397 Aug 23 j 18:47	5° $\mathbb{M}$ 53'27	0.66330 AU
minimum elong	-3398 Sep 10 j 05:08	20° $\mathbb{M}$ 18'45	1°19'23	inferior conj	-3397 Aug 25 j 04:30	4° $\mathbb{M}$ 08'35	-2°12'01
				minimum elong	-3397 Aug 25 j 07:31	3° $\mathbb{M}$ 59'11	2°10'50

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	-3397 Aug 28 j 19:48	30° $\text{R}\text{E}$		direct	-3396 Aug 17 j 00:06	11° $\text{E}25'57$	
morning rise	-3397 Aug 31 j 00:05	28° $\text{E}17'27$		asc. node	-3396 Aug 17 j 20:51	11° $\text{E}30'01$	
asc. node	-3397 Aug 31 j 23:46	27° $\text{E}47'25$		morning max el	-3396 Aug 23 j 13:45	15° $\text{E}00'48$	18°19'08
direct	-3397 Sep 03 j 03:39	27° $\text{E}20'36$			-3396 Sep 03 j 07:18	0° $\Omega$	
	-3397 Sep 08 j 18:14	0° $\Omega$		morning set	-3396 Sep 11 j 13:23	13° $\Omega31'47$	
morning max el	-3397 Sep 10 j 01:09	1° $\Omega13'30$	18°56'30		-3396 Sep 21 j 16:22	0° $\text{M}$	
	-3397 Sep 29 j 21:17	0° $\text{M}$					
morning set	-3397 Oct 01 j 20:48	3° $\text{M}07'58$		superior conj	-3396 Sep 26 j 05:00	7° $\text{M}13'15$	0°17'12
desc. node	-3397 Oct 13 j 00:52	20° $\text{M}45'19$		minimum elong	-3396 Sep 26 j 07:10	7° $\text{M}21'52$	0°16'58
max. Earth dist.	-3397 Oct 17 j 03:00	27° $\text{M}11'44$	1.44789 AU	desc. node	-3396 Sep 28 j 21:50	11° $\text{M}29'49$	
				max. Earth dist.	-3396 Sep 28 j 21:39	11° $\text{M}29'05$	1.44762 AU
superior conj	-3397 Oct 18 j 04:16	28° $\text{M}51'22$	-0°32'23		-3396 Oct 10 j 16:57	0° $\Omega$	
minimum elong	-3397 Oct 18 j 00:06	28° $\text{M}34'54$	0°31'51	evening rise	-3396 Oct 12 j 18:22	3° $\Omega13'04$	
	-3397 Oct 18 j 21:40	0° $\Omega$		greatest brilliancy	-3396 Oct 24 j 01:05	20° $\Omega43'30$	-0.7m
evening rise	-3397 Nov 02 j 16:29	23° $\Omega36'41$			-3396 Oct 30 j 07:35	0° $\text{M}$	
	-3397 Nov 06 j 15:04	0° $\text{M}$		evening max el	-3396 Nov 05 j 19:11	8° $\text{M}07'14$	19°30'48
evening max el	-3397 Nov 23 j 10:51	24° $\text{M}40'41$	18°45'59	retrograde	-3396 Nov 13 j 01:13	12° $\text{M}19'17$	
asc. node	-3397 Nov 27 j 22:46	28° $\text{M}00'43$		asc. node	-3396 Nov 13 j 19:51	12° $\text{M}15'49$	
retrograde	-3397 Nov 30 j 04:52	28° $\text{M}28'41$		evening set	-3396 Nov 16 j 10:42	11° $\text{M}11'56$	
evening set	-3397 Dec 03 j 07:10	27° $\text{M}34'13$		inferior conj	-3396 Nov 22 j 00:53	5° $\text{M}15'51$	2°33'46
inferior conj	-3397 Dec 09 j 02:56	21° $\text{M}52'34$	3°13'22	minimum elong	-3396 Nov 21 j 21:57	5° $\text{M}25'23$	2°32'45
minimum elong	-3397 Dec 08 j 23:50	22° $\text{M}01'56$	3°12'31	min. Earth dist.	-3396 Nov 23 j 04:51	3° $\text{M}45'18$	0.66164 AU
min. Earth dist.	-3397 Dec 10 j 20:37	19° $\text{M}46'23$	0.65065 AU		-3396 Nov 26 j 09:29	30° $\text{R}\Omega$	
morning rise	-3397 Dec 14 j 16:10	15° $\text{M}45'51$		morning rise	-3396 Nov 27 j 08:59	29° $\Omega03'55$	
direct	-3397 Dec 21 j 08:52	12° $\text{M}54'42$		direct	-3396 Dec 03 j 13:00	26° $\Omega21'53$	
morning max el	-3396 Jan 03 j 12:25	20° $\text{M}31'29$	26°57'43		-3396 Dec 11 j 20:17	0° $\text{M}$	
desc. node	-3396 Jan 09 j 00:25	26° $\text{M}36'07$		morning max el	-3396 Dec 15 j 21:51	3° $\text{M}39'20$	25°54'01
	-3396 Jan 11 j 17:59	0° $\text{J}$		desc. node	-3396 Dec 25 j 21:28	15° $\text{M}26'04$	
	-3396 Jan 31 j 11:30	0° $\Omega$			-3395 Jan 05 j 01:52	0° $\text{J}$	
morning set	-3396 Feb 08 j 05:22	14° $\Omega11'48$		morning set	-3395 Jan 21 j 03:39	27° $\text{J}02'39$	
max. Earth dist.	-3396 Feb 12 j 17:38	23° $\Omega06'16$	1.34341 AU		-3395 Jan 22 j 17:49	0° $\Omega$	
	-3396 Feb 16 j 02:12	0° $\approx$		max. Earth dist.	-3395 Jan 25 j 01:37	4° $\Omega24'59$	1.35803 AU
superior conj	-3396 Feb 16 j 13:16	0° $\approx57'38$	-1°10'22	superior conj	-3395 Jan 30 j 08:52	14° $\Omega52'53$	-1°31'15
minimum elong	-3396 Feb 16 j 16:11	1° $\approx12'52$	1°09'59	minimum elong	-3395 Jan 30 j 12:07	15° $\Omega09'18$	1°30'58
evening rise	-3396 Feb 23 j 23:42	16° $\approx35'42$			-3395 Feb 06 j 17:59	0° $\approx$	
asc. node	-3396 Feb 23 j 22:01	16° $\approx26'54$		evening rise	-3395 Feb 07 j 06:14	1° $\approx02'35$	
	-3396 Mar 01 j 18:40	0° $\text{K}$		asc. node	-3395 Feb 09 j 19:03	6° $\approx09'00$	
evening max el	-3396 Mar 15 j 03:01	18° $\text{K}55'27$	21°30'18		-3395 Feb 25 j 02:18	0° $\text{K}$	
retrograde	-3396 Mar 27 j 04:39	24° $\text{K}44'14$		evening max el	-3395 Feb 25 j 09:59	0° $\text{K}18'33$	20°11'53
evening set	-3396 Mar 29 j 17:25	24° $\text{K}29'43$		retrograde	-3395 Mar 07 j 19:55	5° $\text{K}15'45$	
desc. node	-3396 Apr 05 j 23:20	21° $\text{K}38'09$		evening set	-3395 Mar 10 j 02:27	5° $\text{K}02'37$	
inferior conj	-3396 Apr 08 j 01:21	20° $\text{K}28'48$	-0°34'51	inferior conj	-3395 Mar 18 j 23:03	1° $\text{K}03'17$	1°20'06
minimum elong	-3396 Apr 07 j 23:43	20° $\text{K}31'06$	0°34'17	minimum elong	-3395 Mar 19 j 02:25	0° $\text{K}58'15$	1°18'56
min. Earth dist.	-3396 Apr 08 j 05:38	20° $\text{K}22'46$	0.55135 AU		-3395 Mar 20 j 17:26	30° $\text{R}\approx$	
morning rise	-3396 Apr 17 j 06:20	16° $\text{K}26'23$		min. Earth dist.	-3395 Mar 20 j 19:40	29° $\approx56'42$	0.55561 AU
direct	-3396 Apr 20 j 04:15	16° $\text{K}07'44$		desc. node	-3395 Mar 23 j 20:28	28° $\approx16'13$	
morning max el	-3396 May 02 j 15:56	22° $\text{K}04'42$	22°00'49	morning rise	-3395 Mar 28 j 00:35	26° $\approx37'47$	
	-3396 May 09 j 10:53	0° $\text{Y}$		direct	-3395 Mar 31 j 18:34	26° $\approx07'01$	
asc. node	-3396 May 21 j 21:33	21° $\text{Y}39'52$			-3395 Apr 11 j 01:07	0° $\text{K}$	
morning set	-3396 May 23 j 18:46	25° $\text{Y}31'55$		morning max el	-3395 Apr 14 j 10:18	2° $\text{K}51'28$	23°39'04
	-3396 May 25 j 22:00	0° $\text{B}$			-3395 May 03 j 01:05	0° $\text{Y}$	
superior conj	-3396 May 31 j 02:04	10° $\text{B}55'05$	1°22'45	morning set	-3395 May 08 j 06:28	10° $\text{Y}31'44$	
minimum elong	-3396 May 30 j 23:24	10° $\text{B}41'07$	1°22'29	asc. node	-3395 May 08 j 18:33	11° $\text{Y}35'13$	
max. Earth dist.	-3396 Jun 03 j 09:54	17° $\text{B}48'48$	1.34652 AU	superior conj	-3395 May 15 j 08:43	25° $\text{Y}42'36$	1°03'52
evening rise	-3396 Jun 08 j 03:28	27° $\text{B}14'11$		minimum elong	-3395 May 15 j 06:18	25° $\text{Y}29'38$	1°03'30
	-3396 Jun 09 j 14:03	0° $\text{II}$			-3395 May 17 j 08:56	0° $\text{B}$	
	-3396 Jun 27 j 11:16	0° $\text{E}$		max. Earth dist.	-3395 May 17 j 11:26	0° $\text{B}13'13$	1.33599 AU
desc. node	-3396 Jul 02 j 22:18	7° $\text{E}35'09$		evening rise	-3395 May 22 j 21:14	11° $\text{B}23'20$	
evening max el	-3396 Jul 13 j 02:24	19° $\text{E}20'24$	27°01'22		-3395 Jun 01 j 20:55	0° $\text{II}$	
retrograde	-3396 Jul 26 j 07:36	26° $\text{E}40'43$		desc. node	-3395 Jun 19 j 19:21	26° $\text{II}17'59$	
evening set	-3396 Aug 02 j 04:52	23° $\text{E}52'53$			-3395 Jun 23 j 01:59	0° $\text{E}$	
min. Earth dist.	-3396 Aug 06 j 01:12	20° $\text{E}02'56$	0.65270 AU	evening max el	-3395 Jun 25 j 13:01	2° $\text{E}29'37$	27°24'16
inferior conj	-3396 Aug 08 j 00:05	17° $\text{E}47'58$	-2°59'54	retrograde	-3395 Jul 09 j 03:57	9° $\text{E}53'09$	
minimum elong	-3396 Aug 08 j 03:52	17° $\text{E}37'03$	2°58'39	evening set	-3395 Jul 16 j 07:39	7° $\text{E}11'04$	
morning rise	-3396 Aug 14 j 03:19	12° $\text{E}10'47$		min. Earth dist.	-3395 Jul 19 j 22:35	3° $\text{E}55'39$	0.63824 AU

## Planetary Phenomena of Mercury from -3400 through -2898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 4

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3395 Jul 22 j 11:27	1°☿16'51	-3°41'01	minimum elong	-3394 Jul 05 j 14:21	14°♊22'17	4°10'33
minimum elong	-3395 Jul 22 j 15:18	1°☿06'47	3°40'04	morning rise	-3394 Jul 12 j 10:25	9°♊28'33	
	-3395 Jul 23 j 17:17	30°♊II		direct	-3394 Jul 14 j 23:56	8°♊59'48	
morning rise	-3395 Jul 28 j 23:48	25°♊56'54		morning max el	-3394 Jul 21 j 19:04	12°♊25'10	17°57'24
direct	-3395 Jul 31 j 15:59	25°♊21'15		asc. node	-3394 Jul 22 j 14:57	13°♊16'11	
asc. node	-3395 Aug 04 j 17:55	26°♊44'10			-3394 Aug 02 j 15:29	0°☿	
morning max el	-3395 Aug 07 j 04:38	28°♊46'46	17°59'08	morning set	-3394 Aug 06 j 23:31	7°☿47'42	
	-3395 Aug 08 j 08:11	0°☿					
morning set	-3395 Aug 24 j 08:03	25°☿09'53		superior conj	-3394 Aug 17 j 20:31	27°☿05'58	1°29'44
	-3395 Aug 27 j 03:28	0°♌		minimum elong	-3394 Aug 18 j 01:18	27°☿26'30	1°29'25
					-3394 Aug 19 j 13:12	0°♌	
superior conj	-3395 Sep 05 j 23:08	16°♌29'06	1°00'14	max. Earth dist.	-3394 Aug 25 j 02:02	9°♌14'37	1.42661 AU
minimum elong	-3395 Sep 06 j 04:43	16°♌51'59	0°59'41	evening rise	-3394 Sep 01 j 08:21	20°♌53'47	
max. Earth dist.	-3395 Sep 11 j 14:13	25°♌35'49	1.44015 AU	desc. node	-3394 Sep 02 j 15:45	22°♌56'41	
	-3395 Sep 14 j 08:40	0°♍			-3394 Sep 07 j 05:32	0°♍	
desc. node	-3395 Sep 15 j 18:47	2°♍14'39			-3394 Sep 28 j 09:27	0°♎	
evening rise	-3395 Sep 22 j 01:57	12°♍03'45		evening max el	-3394 Oct 02 j 19:11	4°♎59'35	21°41'59
	-3395 Oct 03 j 21:15	0°♎		retrograde	-3394 Oct 11 j 18:58	10°♎20'05	
evening max el	-3395 Oct 19 j 22:14	21°♎33'41	20°30'27	evening set	-3394 Oct 16 j 01:17	8°♎39'54	
retrograde	-3395 Oct 27 j 22:36	26°♎17'23		asc. node	-3394 Oct 18 j 14:00	6°♎07'17	
evening set	-3395 Oct 31 j 17:23	24°♎54'46		inferior conj	-3394 Oct 21 j 09:27	2°♎25'25	0°57'16
asc. node	-3395 Oct 31 j 16:56	24°♎55'37		minimum elong	-3394 Oct 21 j 08:10	2°♎29'53	0°56'44
inferior conj	-3395 Nov 06 j 03:46	18°♎47'41	1°47'41	min. Earth dist.	-3394 Oct 21 j 14:31	2°♎07'57	0.67335 AU
minimum elong	-3395 Nov 06 j 01:29	18°♎55'25	1°46'47		-3394 Oct 23 j 04:16	30°♍♍	
min. Earth dist.	-3395 Nov 06 j 19:39	17°♎53'57	0.66909 AU	morning rise	-3394 Oct 26 j 14:53	26°♍10'31	
morning rise	-3395 Nov 11 j 09:23	12°♎32'55		direct	-3394 Oct 31 j 12:50	24°♍06'16	
direct	-3395 Nov 16 j 22:31	10°♎07'50		morning max el	-3394 Nov 10 j 16:15	0°♎09'28	23°07'25
morning max el	-3395 Nov 28 j 06:36	16°♎53'15	24°34'00		-3394 Nov 10 j 12:30	0°♎	
	-3395 Dec 09 j 04:54	0°♏		desc. node	-3394 Nov 29 j 15:27	24°♎50'20	
desc. node	-3395 Dec 12 j 18:29	4°♏54'40			-3394 Dec 03 j 02:25	0°♏	
	-3395 Dec 29 j 01:55	0°♐		morning set	-3394 Dec 15 j 06:30	19°♏18'28	
morning set	-3394 Jan 03 j 06:07	8°♐50'26		max. Earth dist.	-3394 Dec 19 j 19:21	26°♏59'35	1.39720 AU
max. Earth dist.	-3394 Jan 06 j 23:58	15°♐31'30	1.37651 AU		-3394 Dec 21 j 12:49	0°♐	
superior conj	-3394 Jan 13 j 17:49	28°♐11'42	-1°47'13	superior conj	-3394 Dec 27 j 11:42	10°♐41'57	-1°55'29
minimum elong	-3394 Jan 13 j 20:29	28°♐24'39	1°47'09	minimum elong	-3394 Dec 27 j 12:26	10°♐45'20	1°55'36
	-3394 Jan 14 j 16:07	0°♑		evening rise	-3393 Jan 05 j 23:22	28°♐39'31	
evening rise	-3394 Jan 22 j 07:03	15°♑06'28			-3393 Jan 06 j 16:11	0°♑	
asc. node	-3394 Jan 27 j 16:05	25°♑30'24		asc. node	-3393 Jan 14 j 13:07	14°♑23'13	
	-3394 Jan 30 j 04:17	0°♒		evening max el	-3393 Jan 22 j 06:12	24°♑50'28	18°31'12
evening max el	-3394 Feb 08 j 03:38	12°♒18'38	19°11'38	retrograde	-3393 Jan 29 j 20:54	28°♑33'43	
retrograde	-3394 Feb 16 j 23:23	16°♒31'32		evening set	-3393 Feb 01 j 08:56	28°♑10'59	
evening set	-3394 Feb 19 j 07:42	16°♒14'56		inferior conj	-3393 Feb 08 j 19:24	23°♑40'22	3°41'48
inferior conj	-3394 Feb 27 j 11:11	12°♒03'39	2°49'33	minimum elong	-3393 Feb 08 j 22:30	23°♑34'13	3°41'17
minimum elong	-3394 Feb 27 j 16:05	11°♒55'18	2°48'15	min. Earth dist.	-3393 Feb 12 j 04:55	21°♑00'05	0.58641 AU
min. Earth dist.	-3394 Mar 02 j 10:58	10°♒02'07	0.56822 AU	morning rise	-3393 Feb 16 j 09:44	18°♑17'45	
morning rise	-3394 Mar 07 j 21:41	7°♒07'07		direct	-3393 Feb 22 j 12:06	16°♑42'44	
desc. node	-3394 Mar 10 j 17:34	6°♒20'36		desc. node	-3393 Feb 25 j 14:39	17°♑06'54	
direct	-3394 Mar 12 j 20:38	6°♒09'53		morning max el	-3393 Mar 08 j 18:38	24°♑16'17	26°36'23
morning max el	-3394 Mar 27 j 01:20	13°♒26'42	25°15'53		-3393 Mar 14 j 00:09	0°♒	
	-3394 Apr 09 j 00:01	0°♓			-3393 Apr 01 j 23:58	0°♓	
morning set	-3394 Apr 22 j 18:36	25°♓33'55		morning set	-3393 Apr 07 j 05:31	10°♓31'46	
	-3394 Apr 24 j 20:42	0°♑		asc. node	-3393 Apr 12 j 12:34	21°♓53'26	
asc. node	-3394 Apr 25 j 15:33	1°♑41'29					
				superior conj	-3393 Apr 14 j 06:22	25°♓42'10	0°18'11
superior conj	-3394 Apr 29 j 18:46	10°♑40'41	0°42'02	minimum elong	-3393 Apr 14 j 05:34	25°♓37'47	0°17'59
minimum elong	-3394 Apr 29 j 17:01	10°♑31'10	0°41'42	max. Earth dist.	-3393 Apr 14 j 08:59	25°♓56'30	1.32578 AU
max. Earth dist.	-3394 Apr 30 j 20:14	12°♑59'06	1.32915 AU		-3393 Apr 16 j 05:31	0°♑	
evening rise	-3394 May 06 j 23:09	25°♑57'32		evening rise	-3393 Apr 21 j 06:25	10°♑47'01	
	-3394 May 08 j 23:03	0°♒			-3393 May 01 j 05:40	0°♒	
	-3394 May 26 j 09:05	0°♓		evening max el	-3393 May 20 j 23:00	27°♒09'13	26°35'16
desc. node	-3394 Jun 06 j 16:24	13°♓59'44			-3393 May 24 j 05:41	0°♓	
evening max el	-3394 Jun 07 j 20:37	15°♓09'05	27°16'09	desc. node	-3393 May 24 j 13:29	0°♓14'58	
retrograde	-3394 Jun 21 j 18:02	22°♓31'37		retrograde	-3393 Jun 04 j 00:20	4°♓27'58	
evening set	-3394 Jun 28 j 19:40	20°♓09'34		evening set	-3393 Jun 10 j 12:42	2°♓39'08	
min. Earth dist.	-3394 Jul 02 j 10:07	17°♓18'59	0.62031 AU		-3393 Jun 14 j 11:27	30°♒♒	
inferior conj	-3394 Jul 05 j 11:35	14°♓28'44	-4°11'00	min. Earth dist.	-3393 Jun 14 j 12:24	29°♒58'10	0.60017 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3393 Jun 17 j 20:58	27° <b>8</b> 15'13	-4°23'04	evening max el	-3392 May 01 j 19:05	8° <b>8</b> 27'17	25°25'07
minimum elong	-3393 Jun 17 j 21:08	27° <b>8</b> 14'51	4°22'58	desc. node	-3392 May 10 j 10:35	14° <b>8</b> 29'46	
morning rise	-3393 Jun 25 j 07:41	22° <b>8</b> 36'30		retrograde	-3392 May 15 j 20:39	15° <b>8</b> 38'19	
direct	-3393 Jun 27 j 20:06	22° <b>8</b> 12'56		evening set	-3392 May 21 j 07:51	14° <b>8</b> 28'12	
morning max el	-3393 Jul 05 j 06:11	25° <b>8</b> 48'29	18°14'58	min. Earth dist.	-3392 May 26 j 07:20	11° <b>8</b> 40'22	0.58013 AU
	-3393 Jul 08 j 21:12	0° <b>II</b>		inferior conj	-3392 May 29 j 12:02	9° <b>8</b> 26'17	-4°07'38
asc. node	-3393 Jul 09 j 12:00	0° <b>II</b> 50'43		minimum elong	-3392 May 29 j 08:32	9° <b>8</b> 32'28	4°07'09
morning set	-3393 Jul 21 j 06:33	21° <b>II</b> 11'48		morning rise	-3392 Jun 06 j 12:00	5° <b>8</b> 08'47	
	-3393 Jul 25 j 22:37	0° <b>☾</b>		direct	-3392 Jun 09 j 00:09	4° <b>8</b> 49'20	
				morning max el	-3392 Jun 17 j 11:04	8° <b>8</b> 47'37	18°52'42
superior conj	-3393 Jul 30 j 19:42	8° <b>☾</b> 59'57	1°45'10	asc. node	-3392 Jun 25 j 09:03	19° <b>8</b> 13'29	
minimum elong	-3393 Jul 30 j 21:55	9° <b>☾</b> 09'59	1°45'11		-3392 Jul 01 j 08:41	0° <b>II</b>	
max. Earth dist.	-3393 Aug 07 j 08:23	22° <b>☾</b> 14'14	1.40887 AU	morning set	-3392 Jul 04 j 00:44	5° <b>II</b> 10'29	
	-3393 Aug 11 j 23:52	0° <b>Ω</b>					
evening rise	-3393 Aug 12 j 08:18	0° <b>Ω</b> 34'31		superior conj	-3392 Jul 12 j 15:07	21° <b>II</b> 55'31	1°48'54
desc. node	-3393 Aug 20 j 12:44	13° <b>Ω</b> 32'30		minimum elong	-3392 Jul 12 j 14:55	21° <b>II</b> 54'36	1°49'01
	-3393 Aug 31 j 16:57	0° <b>♍</b>			-3392 Jul 16 j 22:45	0° <b>☾</b>	
evening max el	-3393 Sep 15 j 10:41	18° <b>♍</b> 26'34	23°00'56	max. Earth dist.	-3392 Jul 19 j 10:56	4° <b>☾</b> 32'26	1.38931 AU
retrograde	-3393 Sep 25 j 12:50	24° <b>♍</b> 25'16		evening rise	-3392 Jul 23 j 09:57	11° <b>☾</b> 28'58	
evening set	-3393 Sep 30 j 08:38	22° <b>♍</b> 25'54			-3392 Aug 03 j 19:15	0° <b>Ω</b>	
asc. node	-3393 Oct 05 j 11:05	16° <b>♍</b> 25'01		desc. node	-3392 Aug 06 j 09:44	3° <b>Ω</b> 57'14	
inferior conj	-3393 Oct 05 j 16:10	16° <b>♍</b> 07'30	0°04'22		-3392 Aug 26 j 01:57	0° <b>♍</b>	
minimum elong	-3393 Oct 05 j 16:03	16° <b>♍</b> 07'51	0°04'21	evening max el	-3392 Aug 27 j 22:36	1° <b>♍</b> 55'32	24°21'19
transit middle	-3393 Oct 05 j 16:03	16° <b>♍</b> 07'51	0°04'21	retrograde	-3392 Sep 08 j 03:05	8° <b>♍</b> 29'06	
transit begin	-3393 Oct 05 j 13:27	16° <b>♍</b> 16'49		evening set	-3392 Sep 13 j 13:44	6° <b>♍</b> 10'27	
transit end	-3393 Oct 05 j 18:40	15° <b>♍</b> 58'54		inferior conj	-3392 Sep 18 j 22:09	29° <b>Ω</b> 51'31	-0°49'27
min. Earth dist.	-3393 Oct 05 j 10:58	16° <b>♍</b> 25'23	0.67460 AU	minimum elong	-3392 Sep 18 j 23:19	29° <b>Ω</b> 47'35	0°48'54
morning rise	-3393 Oct 10 j 23:21	9° <b>♍</b> 55'26		min. Earth dist.	-3392 Sep 18 j 06:31	0° <b>♍</b> 44'07	0.67280 AU
direct	-3393 Oct 15 j 07:02	8° <b>♍</b> 12'50			-3392 Sep 18 j 19:37	30° <b>♍</b>	
morning max el	-3393 Oct 24 j 06:10	13° <b>♍</b> 31'10	21°43'12	asc. node	-3392 Sep 21 j 08:11	26° <b>Ω</b> 43'52	
	-3393 Nov 06 j 06:09	0° <b>♊</b>		morning rise	-3392 Sep 24 j 08:53	23° <b>Ω</b> 45'19	
desc. node	-3393 Nov 16 j 12:27	15° <b>♊</b> 05'34		direct	-3392 Sep 28 j 03:55	22° <b>Ω</b> 22'55	
morning set	-3393 Nov 25 j 02:10	28° <b>♊</b> 24'00		morning max el	-3392 Oct 06 j 02:58	27° <b>Ω</b> 01'21	20°27'52
	-3393 Nov 26 j 02:15	0° <b>♌</b>			-3392 Oct 08 j 19:23	0° <b>♍</b>	
max. Earth dist.	-3393 Dec 01 j 19:42	9° <b>♌</b> 19'11	1.41733 AU		-3392 Oct 29 j 18:37	0° <b>♊</b>	
				desc. node	-3392 Nov 02 j 09:26	5° <b>♊</b> 34'03	
superior conj	-3393 Dec 09 j 09:13	22° <b>♌</b> 10'41	-1°52'27	morning set	-3392 Nov 03 j 02:04	6° <b>♊</b> 38'28	
minimum elong	-3393 Dec 09 j 06:31	21° <b>♌</b> 58'55	1°52'26	max. Earth dist.	-3392 Nov 13 j 03:58	22° <b>♊</b> 33'01	1.43388 AU
	-3393 Dec 13 j 19:16	0° <b>♈</b>			-3392 Nov 17 j 17:51	0° <b>♌</b>	
evening rise	-3393 Dec 20 j 03:57	11° <b>♈</b> 35'00					
	-3393 Dec 30 j 15:43	0° <b>♉</b>		superior conj	-3392 Nov 19 j 04:55	2° <b>♌</b> 24'42	-1°34'12
asc. node	-3392 Jan 01 j 10:10	2° <b>♉</b> 38'38		minimum elong	-3392 Nov 18 j 22:32	1° <b>♌</b> 58'19	1°33'44
evening max el	-3392 Jan 05 j 14:57	7° <b>♉</b> 46'06	18°10'43	evening rise	-3392 Dec 01 j 16:38	23° <b>♌</b> 44'24	
retrograde	-3392 Jan 12 j 11:56	11° <b>♉</b> 15'20			-3392 Dec 05 j 06:33	0° <b>♈</b>	
evening set	-3392 Jan 15 j 03:16	10° <b>♉</b> 45'10		asc. node	-3392 Dec 18 j 07:13	20° <b>♈</b> 05'29	
inferior conj	-3392 Jan 21 j 23:20	5° <b>♉</b> 52'41	4°00'45	evening max el	-3392 Dec 19 j 02:59	20° <b>♈</b> 57'40	18°09'49
minimum elong	-3392 Jan 21 j 23:42	5° <b>♉</b> 51'51	4°00'38	retrograde	-3392 Dec 25 j 16:25	24° <b>♈</b> 26'11	
min. Earth dist.	-3392 Jan 25 j 04:23	2° <b>♉</b> 57'12	0.60668 AU	evening set	-3392 Dec 28 j 11:04	23° <b>♈</b> 47'44	
morning rise	-3392 Jan 28 j 18:40	0° <b>♉</b> 11'43		inferior conj	-3391 Jan 03 j 19:43	18° <b>♈</b> 34'16	3°55'02
	-3392 Jan 29 j 02:10	30° <b>♈</b> ♈		minimum elong	-3391 Jan 03 j 17:57	18° <b>♈</b> 38'50	3°54'45
direct	-3392 Feb 04 j 14:25	27° <b>♈</b> 59'24		min. Earth dist.	-3391 Jan 06 j 12:32	15° <b>♈</b> 46'05	0.62597 AU
	-3392 Feb 11 j 11:13	0° <b>♉</b>		morning rise	-3391 Jan 10 j 00:00	12° <b>♈</b> 40'25	
desc. node	-3392 Feb 12 j 11:46	0° <b>♉</b> 36'21		direct	-3391 Jan 17 j 01:28	10° <b>♈</b> 01'28	
morning max el	-3392 Feb 18 j 17:48	5° <b>♉</b> 40'44	27°27'46	desc. node	-3391 Jan 29 j 08:52	16° <b>♈</b> 16'10	
	-3392 Mar 07 j 22:47	0° <b>♊</b>		morning max el	-3391 Jan 30 j 23:04	17° <b>♈</b> 46'38	27°43'24
morning set	-3392 Mar 21 j 13:23	25° <b>♊</b> 18'38			-3391 Feb 10 j 05:54	0° <b>♉</b>	
	-3392 Mar 23 j 19:09	0° <b>♊</b>			-3391 Feb 28 j 15:57	0° <b>♊</b>	
max. Earth dist.	-3392 Mar 27 j 22:00	8° <b>♊</b> 52'31	1.32581 AU	morning set	-3391 Mar 05 j 16:06	9° <b>♊</b> 47'17	
				max. Earth dist.	-3391 Mar 11 j 07:25	21° <b>♊</b> 33'27	1.32939 AU
superior conj	-3392 Mar 28 j 17:51	10° <b>♊</b> 40'52	-0°06'53				
minimum elong	-3392 Mar 28 j 18:10	10° <b>♊</b> 42'34	0°06'51	superior conj	-3391 Mar 13 j 03:35	25° <b>♊</b> 31'07	-0°32'14
behind sun begin	-3392 Mar 28 j 13:36	10° <b>♊</b> 17'37		minimum elong	-3391 Mar 13 j 05:02	25° <b>♊</b> 38'59	0°32'00
behind sun end	-3392 Mar 28 j 22:44	11° <b>♊</b> 07'32			-3391 Mar 15 j 05:12	0° <b>♊</b>	
asc. node	-3392 Mar 29 j 09:35	12° <b>♊</b> 06'50		asc. node	-3391 Mar 16 j 06:37	2° <b>♊</b> 17'43	
evening rise	-3392 Apr 04 j 16:50	25° <b>♊</b> 43'42		evening rise	-3391 Mar 20 j 04:32	10° <b>♊</b> 40'50	
	-3392 Apr 06 j 18:12	0° <b>♋</b>			-3391 Mar 30 j 04:33	0° <b>♋</b>	
	-3392 Apr 24 j 09:53	0° <b>♋</b>		evening max el	-3391 Apr 13 j 10:59	19° <b>♋</b> 15'21	23°55'55

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3391 Apr 27 j 05:10	26° $\Upsilon$ 08'42		retrograde	-3390 Apr 08 j 01:40	6° $\Upsilon$ 15'37	
desc. node	-3391 Apr 27 j 07:42	26° $\Upsilon$ 08'40		evening set	-3390 Apr 11 j 00:04	5° $\Upsilon$ 56'39	
evening set	-3391 May 01 j 07:58	25° $\Upsilon$ 31'07		desc. node	-3390 Apr 14 j 04:49	4° $\Upsilon$ 56'35	
min. Earth dist.	-3391 May 07 j 22:19	22° $\Upsilon$ 22'41	0.56334 AU	min. Earth dist.	-3390 Apr 19 j 12:20	2° $\Upsilon$ 15'19	0.55316 AU
inferior conj	-3391 May 10 j 07:02	20° $\Upsilon$ 55'42	-3°14'29	inferior conj	-3390 Apr 20 j 08:50	1° $\Upsilon$ 46'12	-1°41'04
minimum elong	-3391 May 10 j 00:57	21° $\Upsilon$ 05'04	3°12'59	minimum elong	-3390 Apr 20 j 04:23	1° $\Upsilon$ 52'32	1°39'36
morning rise	-3391 May 18 j 20:58	16° $\Upsilon$ 54'46			-3390 Apr 23 j 14:20	30° $\Re$ ✕	
direct	-3391 May 21 j 09:13	16° $\Upsilon$ 38'26		morning rise	-3390 Apr 29 j 10:24	27° $\Re$ 49'15	
morning max el	-3391 May 31 j 07:09	21° $\Upsilon$ 14'08	19°50'56	direct	-3390 May 02 j 01:55	27° $\Re$ 33'15	
	-3391 Jun 07 j 09:09	0° $\Re$			-3390 May 09 j 20:39	0° $\Upsilon$	
asc. node	-3391 Jun 12 j 06:08	8° $\Re$ 13'23		morning max el	-3390 May 13 j 16:31	2° $\Upsilon$ 59'39	21°08'41
morning set	-3391 Jun 18 j 02:51	19° $\Re$ 35'38		asc. node	-3390 May 30 j 03:10	27° $\Upsilon$ 40'14	
	-3391 Jun 23 j 06:00	0° $\Pi$			-3390 May 31 j 07:19	0° $\Re$	
				morning set	-3390 Jun 02 j 10:16	4° $\Re$ 19'02	
superior conj	-3391 Jun 26 j 01:21	5° $\Pi$ 37'59	1°43'42	superior conj	-3390 Jun 09 j 21:58	19° $\Re$ 53'26	1°31'52
minimum elong	-3391 Jun 25 j 23:33	5° $\Pi$ 29'04	1°43'43	minimum elong	-3390 Jun 09 j 19:25	19° $\Re$ 40'17	1°31'42
max. Earth dist.	-3391 Jul 01 j 14:20	16° $\Pi$ 23'22	1.37047 AU	max. Earth dist.	-3390 Jun 14 j 00:20	28° $\Re$ 12'18	1.35424 AU
evening rise	-3391 Jul 05 j 12:00	23° $\Pi$ 36'05			-3390 Jun 14 j 22:06	0° $\Pi$	
	-3391 Jul 09 j 02:44	0° $\Re$		evening rise	-3390 Jun 18 j 09:22	6° $\Pi$ 42'03	
desc. node	-3391 Jul 24 j 06:44	24° $\Re$ 05'29			-3390 Jun 01 j 19:32	0° $\Re$	
	-3391 Jul 28 j 11:37	0° $\Omega$		desc. node	-3390 Jul 11 j 03:46	13° $\Re$ 49'33	
evening max el	-3391 Aug 10 j 09:20	15° $\Omega$ 27'03	25°35'40	evening max el	-3390 Jul 23 j 20:27	28° $\Re$ 57'38	26°36'04
retrograde	-3391 Aug 22 j 13:06	22° $\Omega$ 27'31			-3390 Jul 24 j 22:50	0° $\Omega$	
evening set	-3391 Aug 28 j 14:39	19° $\Omega$ 52'10		retrograde	-3390 Aug 05 j 18:19	6° $\Omega$ 14'18	
min. Earth dist.	-3391 Sep 01 j 22:49	15° $\Omega$ 02'26	0.66778 AU	evening set	-3390 Aug 12 j 09:14	3° $\Omega$ 28'23	
inferior conj	-3391 Sep 03 j 01:39	13° $\Omega$ 35'59	-1°42'31		-3390 Aug 15 j 18:49	30° $\Re$ ✕	
minimum elong	-3391 Sep 03 j 04:03	13° $\Omega$ 28'15	1°41'30	min. Earth dist.	-3390 Aug 16 j 09:31	29° $\Re$ 16'42	0.65922 AU
asc. node	-3391 Sep 08 j 05:18	7° $\Omega$ 59'55		inferior conj	-3390 Aug 18 j 00:46	27° $\Re$ 18'12	-2°33'00
morning rise	-3391 Sep 08 j 17:35	7° $\Omega$ 38'38		minimum elong	-3390 Aug 18 j 04:10	27° $\Re$ 07'55	2°31'44
direct	-3391 Sep 12 j 02:04	6° $\Omega$ 33'33		morning rise	-3390 Aug 23 j 23:27	21° $\Re$ 32'45	
morning max el	-3391 Sep 19 j 07:08	10° $\Omega$ 40'37	19°25'30	asc. node	-3390 Aug 26 j 02:25	20° $\Re$ 46'02	
	-3391 Oct 03 j 10:06	0° $\Re$		direct	-3390 Aug 26 j 23:43	20° $\Re$ 41'35	
morning set	-3391 Oct 13 j 04:22	15° $\Re$ 07'14		morning max el	-3390 Sep 02 j 17:15	24° $\Re$ 26'03	18°38'31
desc. node	-3391 Oct 20 j 06:23	26° $\Re$ 11'26			-3390 Sep 07 j 07:16	0° $\Omega$	
	-3391 Oct 22 j 16:38	0° $\Omega$		morning set	-3390 Sep 23 j 04:51	24° $\Omega$ 43'39	
max. Earth dist.	-3391 Oct 26 j 18:18	6° $\Omega$ 25'02	1.44471 AU		-3390 Sep 26 j 11:44	0° $\Re$	
superior conj	-3391 Oct 29 j 21:35	11° $\Omega$ 24'04	-0°58'56	desc. node	-3390 Oct 07 j 03:19	16° $\Re$ 54'16	
minimum elong	-3391 Oct 29 j 14:56	10° $\Omega$ 57'33	0°58'11	superior conj	-3390 Oct 08 j 21:58	19° $\Re$ 42'20	-0°11'19
	-3391 Nov 10 j 08:46	0° $\Re$		minimum elong	-3390 Oct 08 j 20:29	19° $\Re$ 36'26	0°11'06
evening rise	-3391 Nov 13 j 08:48	4° $\Re$ 58'26		behind sun begin	-3390 Oct 08 j 12:01	19° $\Re$ 03'08	
	-3391 Nov 29 j 01:23	0° $\Re$		behind sun end	-3390 Oct 09 j 04:56	20° $\Re$ 09'44	
evening max el	-3391 Dec 02 j 15:29	4° $\Re$ 18'26	18°27'40	max. Earth dist.	-3390 Oct 09 j 11:42	20° $\Re$ 36'26	1.44860 AU
asc. node	-3391 Dec 05 j 04:18	6° $\Re$ 29'51			-3390 Oct 15 j 10:51	0° $\Omega$	
retrograde	-3391 Dec 09 j 05:52	7° $\Re$ 57'00		evening rise	-3390 Oct 25 j 00:40	15° $\Omega$ 09'43	
evening set	-3391 Dec 12 j 04:49	7° $\Re$ 09'02		greatest brilliancy	-3390 Nov 01 j 20:47	27° $\Omega$ 37'42	-0.8m
inferior conj	-3391 Dec 18 j 04:38	1° $\Re$ 36'51	3°32'10		-3390 Nov 03 j 08:54	0° $\Re$	
minimum elong	-3391 Dec 18 j 01:46	1° $\Re$ 45'07	3°31'30	evening max el	-3390 Nov 16 j 02:00	17° $\Re$ 44'05	19°03'09
	-3391 Dec 19 j 14:02	30° $\Re$ ✕		asc. node	-3390 Nov 22 j 01:24	21° $\Re$ 36'25	
min. Earth dist.	-3391 Dec 20 j 06:46	29° $\Re$ 12'17	0.64257 AU	retrograde	-3390 Nov 23 j 00:29	21° $\Re$ 41'38	
morning rise	-3391 Dec 23 j 22:14	25° $\Re$ 33'49		evening set	-3390 Nov 26 j 05:30	20° $\Re$ 42'09	
direct	-3391 Dec 30 j 20:01	22° $\Re$ 42'51		inferior conj	-3390 Dec 01 j 22:40	14° $\Re$ 54'08	2°57'32
	-3390 Jan 12 j 21:18	0° $\Re$		minimum elong	-3390 Dec 01 j 19:34	15° $\Re$ 03'51	2°56'36
morning max el	-3390 Jan 13 j 07:58	0° $\Re$ 26'12	27°23'25	min. Earth dist.	-3390 Dec 03 j 10:25	13° $\Re$ 02'24	0.65570 AU
desc. node	-3390 Jan 16 j 05:56	3° $\Re$ 30'27		morning rise	-3390 Dec 07 j 09:19	8° $\Re$ 44'43	
	-3390 Feb 04 j 05:37	0° $\Re$		direct	-3390 Dec 13 j 21:03	5° $\Re$ 55'55	
morning set	-3390 Feb 17 j 10:47	23° $\Re$ 47'24		morning max el	-3390 Dec 26 j 17:38	13° $\Re$ 26'56	26°33'15
	-3390 Feb 20 j 13:17	0° $\Re$		desc. node	-3389 Jan 03 j 02:57	21° $\Re$ 51'34	
max. Earth dist.	-3390 Feb 22 j 08:59	3° $\Re$ 44'30	1.33699 AU		-3389 Jan 09 j 05:10	0° $\Re$	
superior conj	-3390 Feb 25 j 09:38	10° $\Re$ 05'34	-0°56'56		-3389 Jan 27 j 21:15	0° $\Re$	
minimum elong	-3390 Feb 25 j 12:06	10° $\Re$ 18'41	0°56'34	morning set	-3389 Jan 31 j 17:52	7° $\Re$ 07'45	
asc. node	-3390 Mar 03 j 03:38	22° $\Re$ 21'02		max. Earth dist.	-3389 Feb 04 j 23:26	15° $\Re$ 19'29	1.34904 AU
evening rise	-3390 Mar 04 j 15:39	25° $\Re$ 30'48		superior conj	-3389 Feb 09 j 09:49	24° $\Re$ 17'41	-1°19'40
	-3390 Mar 06 j 19:44	0° $\Re$		minimum elong	-3389 Feb 09 j 12:58	24° $\Re$ 33'53	1°19'20
evening max el	-3390 Mar 26 j 04:24	29° $\Re$ 58'05	22°21'41		-3389 Feb 12 j 03:47	0° $\Re$	
	-3390 Mar 26 j 05:12	0° $\Upsilon$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3389 Feb 17 j 00:24	10° $\approx$ 07'48		superior conj	-3388 Jan 24 j 01:19	7° $\approx$ 58'29	-1°38'46
asc. node	-3389 Feb 18 j 00:39	12° $\approx$ 12'22		minimum elong	-3388 Jan 24 j 04:28	8° $\approx$ 14'05	1°38'35
	-3389 Feb 27 j 14:57	0° $\approx$		evening rise	-3388 Feb 01 j 04:43	24° $\approx$ 25'10	
evening max el	-3389 Mar 08 j 05:34	11° $\approx$ 02'32	20°55'01		-3388 Feb 03 j 23:53	0° $\approx$	
retrograde	-3389 Mar 19 j 15:04	16° $\approx$ 29'05		asc. node	-3388 Feb 04 j 21:40	1° $\approx$ 46'10	
evening set	-3389 Mar 21 j 23:29	16° $\approx$ 16'05		evening max el	-3388 Feb 18 j 17:14	22° $\approx$ 41'34	19°43'56
inferior conj	-3389 Mar 31 j 03:53	12° $\approx$ 18'14	0°15'21	retrograde	-3388 Feb 28 j 09:47	27° $\approx$ 17'47	
minimum elong	-3389 Mar 31 j 04:36	12° $\approx$ 17'13	0°15'03	evening set	-3388 Mar 01 j 16:47	27° $\approx$ 03'31	
transit middle	-3389 Mar 31 j 04:36	12° $\approx$ 17'13	0°15'03	inferior conj	-3388 Mar 10 j 06:25	23° $\approx$ 00'41	2°02'19
transit begin	-3389 Mar 31 j 03:20	12° $\approx$ 19'02		minimum elong	-3388 Mar 10 j 10:57	22° $\approx$ 53'33	2°00'53
transit end	-3389 Mar 31 j 05:52	12° $\approx$ 15'24		min. Earth dist.	-3388 Mar 12 j 16:48	21° $\approx$ 29'25	0.56013 AU
min. Earth dist.	-3389 Apr 01 j 02:28	11° $\approx$ 45'58	0.55204 AU	desc. node	-3388 Mar 17 j 23:01	18° $\approx$ 46'24	
desc. node	-3389 Apr 01 j 01:56	11° $\approx$ 46'44		morning rise	-3388 Mar 19 j 02:43	18° $\approx$ 22'18	
morning rise	-3389 Apr 09 j 08:55	8° $\approx$ 07'17		direct	-3388 Mar 23 j 08:51	17° $\approx$ 41'52	
direct	-3389 Apr 12 j 13:48	7° $\approx$ 44'56		morning max el	-3388 Apr 06 j 07:21	24° $\approx$ 41'56	24°21'14
morning max el	-3389 Apr 25 j 15:24	14° $\approx$ 04'16	22°41'46		-3388 Apr 11 j 04:07	0° $\approx$	
	-3389 May 07 j 18:15	0° $\approx$			-3388 Apr 29 j 07:33	0° $\approx$	
asc. node	-3389 May 17 j 00:10	17° $\approx$ 26'51		morning set	-3388 May 01 j 08:59	4° $\approx$ 16'03	
morning set	-3389 May 17 j 20:54	19° $\approx$ 14'23		asc. node	-3388 May 02 j 21:11	7° $\approx$ 27'32	
	-3389 May 22 j 22:40	0° $\approx$					
superior conj	-3389 May 25 j 01:42	4° $\approx$ 31'36	1°15'10	superior conj	-3388 May 08 j 10:02	19° $\approx$ 24'30	0°54'55
minimum elong	-3389 May 24 j 23:05	4° $\approx$ 17'43	1°14'50	minimum elong	-3388 May 08 j 07:51	19° $\approx$ 12'44	0°54'32
max. Earth dist.	-3389 May 27 j 20:20	10° $\approx$ 21'43	1.34161 AU	max. Earth dist.	-3388 May 10 j 01:31	22° $\approx$ 57'10	1.33270 AU
evening rise	-3389 Jun 01 j 20:56	20° $\approx$ 32'10			-3388 May 13 j 09:25	0° $\approx$	
	-3389 Jun 06 j 20:28	0° $\approx$		evening rise	-3388 May 15 j 18:35	4° $\approx$ 53'43	
	-3389 Jun 25 j 17:55	0° $\approx$			-3388 May 29 j 12:32	0° $\approx$	
desc. node	-3389 Jun 28 j 00:49	2° $\approx$ 58'53		desc. node	-3388 Jun 13 j 21:53	21° $\approx$ 18'48	
evening max el	-3389 Jul 06 j 07:55	12° $\approx$ 18'53	27°14'41	evening max el	-3388 Jun 17 j 17:50	25° $\approx$ 18'17	27°24'54
retrograde	-3389 Jul 19 j 18:06	19° $\approx$ 41'33			-3388 Jun 23 j 13:54	0° $\approx$	
evening set	-3389 Jul 26 j 18:43	16° $\approx$ 54'46		retrograde	-3388 Jul 01 j 11:43	2° $\approx$ 40'55	
min. Earth dist.	-3389 Jul 30 j 12:26	13° $\approx$ 19'58	0.64696 AU	evening set	-3388 Jul 08 j 15:44	0° $\approx$ 05'56	
inferior conj	-3389 Aug 01 j 17:12	10° $\approx$ 53'49	-3°18'28		-3388 Jul 08 j 19:02	30° $\approx$ 12'11	
minimum elong	-3389 Aug 01 j 21:07	10° $\approx$ 42'57	3°17'17	min. Earth dist.	-3388 Jul 12 j 05:48	27° $\approx$ 02'23	0.63100 AU
morning rise	-3389 Aug 08 j 00:06	5° $\approx$ 23'23		inferior conj	-3388 Jul 15 j 00:14	24° $\approx$ 17'12	-3°55'28
direct	-3389 Aug 10 j 18:35	4° $\approx$ 42'50		minimum elong	-3388 Jul 15 j 03:47	24° $\approx$ 08'20	3°54'43
asc. node	-3389 Aug 12 j 23:29	5° $\approx$ 08'26		morning rise	-3388 Jul 21 j 16:50	19° $\approx$ 05'04	
morning max el	-3389 Aug 17 j 07:05	8° $\approx$ 13'02	18°08'21	direct	-3388 Jul 24 j 07:44	18° $\approx$ 32'28	
	-3389 Aug 31 j 23:59	0° $\approx$		asc. node	-3388 Jul 29 j 20:32	20° $\approx$ 15'55	
morning set	-3389 Sep 04 j 09:02	5° $\approx$ 40'22		morning max el	-3388 Jul 30 j 22:05	21° $\approx$ 15'42	17°56'04
					-3388 Aug 06 j 02:39	0° $\approx$	
superior conj	-3389 Sep 18 j 03:53	28° $\approx$ 20'50	0°36'52	morning set	-3388 Aug 16 j 13:22	17° $\approx$ 46'41	
minimum elong	-3389 Sep 18 j 08:05	28° $\approx$ 37'44	0°36'24		-3388 Aug 23 j 13:35	0° $\approx$	
	-3389 Sep 19 j 04:38	0° $\approx$		superior conj	-3388 Aug 28 j 09:17	8° $\approx$ 10'17	1°14'33
max. Earth dist.	-3389 Sep 22 j 05:30	4° $\approx$ 50'06	1.44525 AU	minimum elong	-3388 Aug 28 j 14:55	8° $\approx$ 33'49	1°14'03
desc. node	-3389 Sep 24 j 00:16	7° $\approx$ 39'08		max. Earth dist.	-3388 Sep 03 j 20:49	18° $\approx$ 48'58	1.43512 AU
evening rise	-3389 Oct 04 j 17:12	24° $\approx$ 22'11		desc. node	-3388 Sep 09 j 21:14	28° $\approx$ 23'28	
	-3389 Oct 08 j 08:37	0° $\approx$			-3388 Sep 10 j 21:54	0° $\approx$	
greatest brilliancy	-3389 Oct 17 j 21:43	14° $\approx$ 33'11	-0.7m	evening rise	-3388 Sep 12 j 21:54	3° $\approx$ 06'50	
	-3389 Oct 29 j 05:58	0° $\approx$			-3388 Sep 30 j 21:27	0° $\approx$	
evening max el	-3389 Oct 30 j 08:18	1° $\approx$ 10'49	19°54'37	evening max el	-3388 Oct 12 j 08:53	14° $\approx$ 37'23	20°59'38
retrograde	-3389 Nov 06 j 21:24	5° $\approx$ 35'16		retrograde	-3388 Oct 20 j 18:27	19° $\approx$ 35'41	
asc. node	-3389 Nov 08 j 22:29	5° $\approx$ 11'02		evening set	-3388 Oct 24 j 18:00	18° $\approx$ 05'42	
evening set	-3389 Nov 10 j 10:34	4° $\approx$ 21'48		asc. node	-3388 Oct 25 j 19:33	17° $\approx$ 11'00	
	-3389 Nov 14 j 16:35	30° $\approx$ 12'11		inferior conj	-3388 Oct 30 j 03:16	11° $\approx$ 55'09	1°26'41
inferior conj	-3389 Nov 15 j 22:58	28° $\approx$ 20'55	2°14'50	minimum elong	-3388 Oct 30 j 01:22	12° $\approx$ 01'39	1°25'55
minimum elong	-3389 Nov 15 j 20:15	28° $\approx$ 29'54	2°13'51	min. Earth dist.	-3388 Oct 30 j 14:23	11° $\approx$ 17'07	0.67138 AU
min. Earth dist.	-3389 Nov 16 j 21:40	27° $\approx$ 05'49	0.66524 AU	morning rise	-3388 Nov 04 j 08:34	5° $\approx$ 40'16	
morning rise	-3389 Nov 21 j 05:42	22° $\approx$ 07'35		direct	-3388 Nov 09 j 15:16	3° $\approx$ 23'49	
direct	-3389 Nov 27 j 03:41	19° $\approx$ 31'45		morning max el	-3388 Nov 20 j 11:07	9° $\approx$ 51'14	23°57'21
morning max el	-3389 Dec 09 j 02:25	26° $\approx$ 36'55	25°21'20		-3388 Dec 06 j 09:43	0° $\approx$	
	-3389 Dec 12 j 06:15	0° $\approx$		desc. node	-3388 Dec 06 j 20:56	0° $\approx$ 40'13	
desc. node	-3389 Dec 20 j 23:56	10° $\approx$ 15'59'14			-3388 Dec 25 j 13:12	0° $\approx$	
	-3388 Jan 02 j 19:55	0° $\approx$		morning set	-3388 Dec 26 j 00:22	0° $\approx$ 47'43	
morning set	-3388 Jan 14 j 08:23	19° $\approx$ 33'11		max. Earth dist.	-3388 Dec 29 j 22:38	7° $\approx$ 39'09	1.38526 AU
max. Earth dist.	-3388 Jan 18 j 02:19	26° $\approx$ 27'13	1.36548 AU				
	-3388 Jan 19 j 23:12	0° $\approx$		superior conj	-3387 Jan 06 j 04:25	20° $\approx$ 57'48	-1°51'52

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3387 Jan 06 j 06:28	21° $\text{♄}$ 07'29	1°51'54	superior conj	-3387 Dec 19 j 14:22	3° $\text{♄}$ 03'35	-1°55'49
	-3387 Jan 10 j 20:58	0° $\text{♄}$		minimum elong	-3387 Dec 19 j 13:49	3° $\text{♄}$ 01'03	1°55'55
evening rise	-3387 Jan 15 j 02:15	8° $\text{♄}$ 16'29		evening rise	-3387 Dec 29 j 14:06	21° $\text{♄}$ 35'01	
asc. node	-3387 Jan 21 j 18:42	20° $\text{♄}$ 56'03			-3386 Jan 03 j 02:24	0° $\text{♄}$	
	-3387 Jan 27 j 10:37	0° $\text{♄}$		asc. node	-3386 Jan 08 j 15:45	9° $\text{♄}$ 34'23	
evening max el	-3387 Jan 31 j 14:54	4° $\text{♄}$ 55'19	18°51'56	evening max el	-3386 Jan 14 j 20:25	17° $\text{♄}$ 38'07	18°20'02
retrograde	-3387 Feb 08 j 20:49	8° $\text{♄}$ 53'44		retrograde	-3386 Jan 22 j 02:27	21° $\text{♄}$ 14'06	
evening set	-3387 Feb 11 j 06:48	8° $\text{♄}$ 34'39		evening set	-3386 Jan 24 j 15:47	20° $\text{♄}$ 48'25	
inferior conj	-3387 Feb 19 j 02:45	4° $\text{♄}$ 15'18	3°16'17	inferior conj	-3386 Jan 31 j 19:44	16° $\text{♄}$ 08'25	3°53'27
minimum elong	-3387 Feb 19 j 07:09	4° $\text{♄}$ 07'17	3°15'19	minimum elong	-3386 Jan 31 j 21:40	16° $\text{♄}$ 04'20	3°53'11
min. Earth dist.	-3387 Feb 22 j 08:35	1° $\text{♄}$ 55'02	0.57547 AU	min. Earth dist.	-3386 Feb 04 j 04:37	13° $\text{♄}$ 18'38	0.59489 AU
	-3387 Feb 25 j 09:49	30° $\text{♄}$		morning rise	-3386 Feb 08 j 01:33	10° $\text{♄}$ 36'47	
morning rise	-3387 Feb 27 j 04:54	29° $\text{♄}$ 07'01		direct	-3386 Feb 14 j 12:28	8° $\text{♄}$ 45'22	
direct	-3387 Mar 04 j 16:19	27° $\text{♄}$ 54'45		desc. node	-3386 Feb 19 j 17:13	9° $\text{♄}$ 53'29	
desc. node	-3387 Mar 04 j 20:08	27° $\text{♄}$ 54'49		morning max el	-3386 Feb 28 j 18:32	16° $\text{♄}$ 23'25	27°02'31
	-3387 Mar 12 j 00:10	0° $\text{♄}$			-3386 Mar 11 j 22:51	0° $\text{♄}$	
morning max el	-3387 Mar 18 j 22:37	5° $\text{♄}$ 19'23	25°53'10		-3386 Mar 29 j 05:41	0° $\text{♄}$	
	-3387 Apr 05 j 21:26	0° $\text{♄}$		morning set	-3386 Mar 31 j 06:44	4° $\text{♄}$ 11'47	
morning set	-3387 Apr 15 j 20:50	19° $\text{♄}$ 17'17		asc. node	-3386 Apr 06 j 15:12	17° $\text{♄}$ 49'59	
asc. node	-3387 Apr 19 j 18:10	27° $\text{♄}$ 36'41					
	-3387 Apr 20 j 20:30	0° $\text{♄}$		superior conj	-3386 Apr 07 j 08:43	19° $\text{♄}$ 25'47	0°07'39
superior conj	-3387 Apr 22 j 20:56	4° $\text{♄}$ 24'36	0°32'07	minimum elong	-3386 Apr 07 j 08:22	19° $\text{♄}$ 23'55	0°07'34
minimum elong	-3387 Apr 22 j 19:34	4° $\text{♄}$ 17'05	0°31'50	behind sun begin	-3386 Apr 07 j 03:57	18° $\text{♄}$ 59'44	
max. Earth dist.	-3387 Apr 23 j 12:40	5° $\text{♄}$ 50'29	1.32730 AU	behind sun end	-3386 Apr 07 j 12:47	19° $\text{♄}$ 48'07	
evening rise	-3387 Apr 29 j 23:04	19° $\text{♄}$ 35'23		max. Earth dist.	-3386 Apr 07 j 02:03	18° $\text{♄}$ 49'21	1.32532 AU
	-3387 May 05 j 04:29	0° $\text{♄}$			-3386 Apr 12 j 05:17	0° $\text{♄}$	
	-3387 May 24 j 01:17	0° $\text{♄}$		evening rise	-3386 Apr 14 j 07:56	4° $\text{♄}$ 28'47	
evening max el	-3387 May 30 j 23:28	7° $\text{♄}$ 41'56	27°02'40		-3386 Apr 28 j 00:21	0° $\text{♄}$	
desc. node	-3387 May 31 j 18:59	8° $\text{♄}$ 27'34		evening max el	-3386 May 12 j 22:55	19° $\text{♄}$ 22'54	26°08'28
retrograde	-3387 Jun 13 j 22:26	15° $\text{♄}$ 02'36		desc. node	-3386 May 18 j 16:04	23° $\text{♄}$ 56'06	
evening set	-3387 Jun 20 j 20:10	12° $\text{♄}$ 53'12		retrograde	-3386 May 27 j 00:56	26° $\text{♄}$ 39'49	
min. Earth dist.	-3387 Jun 24 j 13:00	10° $\text{♄}$ 09'04	0.61196 AU	evening set	-3386 Jun 02 j 04:05	25° $\text{♄}$ 07'01	
inferior conj	-3387 Jun 27 j 18:32	7° $\text{♄}$ 19'25	-4°18'48	min. Earth dist.	-3386 Jun 06 j 11:39	22° $\text{♄}$ 25'16	0.59149 AU
minimum elong	-3387 Jun 27 j 20:24	7° $\text{♄}$ 15'20	4°18'33	inferior conj	-3386 Jun 09 j 20:30	19° $\text{♄}$ 51'36	-4°20'31
morning rise	-3387 Jul 04 j 22:16	2° $\text{♄}$ 28'20		minimum elong	-3386 Jun 09 j 19:10	19° $\text{♄}$ 54'09	4°20'23
direct	-3387 Jul 07 j 11:20	2° $\text{♄}$ 01'49		morning rise	-3386 Jun 17 j 12:46	15° $\text{♄}$ 22'31	
morning max el	-3387 Jul 14 j 11:28	5° $\text{♄}$ 29'42	18°02'30	direct	-3386 Jun 20 j 00:58	15° $\text{♄}$ 00'54	
asc. node	-3387 Jul 16 j 17:35	7° $\text{♄}$ 58'18		morning max el	-3386 Jun 27 j 20:22	18° $\text{♄}$ 44'10	18°28'31
	-3387 Jul 30 j 02:07	0° $\text{♄}$		asc. node	-3386 Jul 03 j 14:39	25° $\text{♄}$ 54'48	
morning set	-3387 Jul 30 j 12:04	0° $\text{♄}$			-3386 Jul 06 j 03:51	0° $\text{♄}$	
				morning set	-3386 Jul 14 j 00:15	14° $\text{♄}$ 25'17	
					-3386 Jul 22 j 04:25	0° $\text{♄}$	
superior conj	-3387 Aug 09 j 18:15	19° $\text{♄}$ 21'42	1°37'53				
minimum elong	-3387 Aug 09 j 22:01	19° $\text{♄}$ 38'13	1°37'44	superior conj	-3386 Jul 23 j 02:46	1° $\text{♄}$ 43'55	1°48'00
	-3387 Aug 15 j 22:44	0° $\text{♄}$		minimum elong	-3386 Jul 23 j 03:53	1° $\text{♄}$ 49'05	1°48'06
max. Earth dist.	-3387 Aug 17 j 06:46	2° $\text{♄}$ 13'51	1.41949 AU	max. Earth dist.	-3386 Jul 30 j 10:43	14° $\text{♄}$ 53'35	1.40061 AU
evening rise	-3387 Aug 23 j 09:57	12° $\text{♄}$ 13'12		evening rise	-3386 Aug 03 j 20:27	22° $\text{♄}$ 23'35	
desc. node	-3387 Aug 27 j 18:15	19° $\text{♄}$ 03'20			-3386 Aug 08 j 12:05	0° $\text{♄}$	
	-3387 Sep 03 j 23:15	0° $\text{♄}$		desc. node	-3386 Aug 14 j 15:15	9° $\text{♄}$ 34'48	
evening max el	-3387 Sep 25 j 03:19	28° $\text{♄}$ 03'16	22°14'53		-3386 Aug 28 j 23:02	0° $\text{♄}$	
	-3387 Sep 27 j 04:32	0° $\text{♄}$		evening max el	-3386 Sep 07 j 16:49	11° $\text{♄}$ 30'00	23°35'21
retrograde	-3387 Oct 04 j 13:59	3° $\text{♄}$ 40'05		retrograde	-3386 Sep 18 j 06:36	17° $\text{♄}$ 45'01	
evening set	-3387 Oct 09 j 01:55	1° $\text{♄}$ 51'36		evening set	-3386 Sep 23 j 08:34	15° $\text{♄}$ 37'15	
	-3387 Oct 10 j 23:40	30° $\text{♄}$		inferior conj	-3386 Sep 28 j 16:15	9° $\text{♄}$ 17'54	-0°18'27
asc. node	-3387 Oct 12 j 16:38	27° $\text{♄}$ 54'11		minimum elong	-3386 Sep 28 j 16:41	9° $\text{♄}$ 16'26	0°18'14
inferior conj	-3387 Oct 14 j 09:37	25° $\text{♄}$ 34'51	0°35'03	min. Earth dist.	-3386 Sep 28 j 06:37	9° $\text{♄}$ 50'49	0.67416 AU
minimum elong	-3387 Oct 14 j 08:49	25° $\text{♄}$ 37'38	0°34'42	asc. node	-3386 Sep 29 j 13:45	8° $\text{♄}$ 04'48	
min. Earth dist.	-3387 Oct 14 j 10:11	25° $\text{♄}$ 32'52	0.67428 AU	morning rise	-3386 Oct 04 j 00:44	3° $\text{♄}$ 07'51	
morning rise	-3387 Oct 19 j 15:35	19° $\text{♄}$ 20'58		direct	-3386 Oct 08 j 02:40	1° $\text{♄}$ 34'18	
direct	-3387 Oct 24 j 07:13	17° $\text{♄}$ 26'16		morning max el	-3386 Oct 16 j 15:08	6° $\text{♄}$ 35'19	21°09'43
morning max el	-3387 Nov 02 j 22:23	23° $\text{♄}$ 10'04	22°30'53		-3386 Nov 03 j 06:01	0° $\text{♄}$	
	-3387 Nov 08 j 21:04	0° $\text{♄}$		desc. node	-3386 Nov 10 j 14:55	11° $\text{♄}$ 06'19	
desc. node	-3387 Nov 23 j 17:57	20° $\text{♄}$ 45'05		morning set	-3386 Nov 15 j 21:43	19° $\text{♄}$ 17'31	
	-3387 Nov 29 j 19:34	0° $\text{♄}$			-3386 Nov 22 j 14:58	0° $\text{♄}$	
morning set	-3387 Dec 06 j 12:29	10° $\text{♄}$ 40'02		max. Earth dist.	-3386 Nov 23 j 23:11	2° $\text{♄}$ 11'10	1.42489 AU
max. Earth dist.	-3387 Dec 11 j 19:56	19° $\text{♄}$ 29'16	1.40600 AU				
	-3387 Dec 17 j 21:19	0° $\text{♄}$		superior conj	-3386 Dec 01 j 01:26	14° $\text{♄}$ 01'23	-1°46'46



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3386 Nov 30 j 21:03	13° $\mathbb{M}$ 42'39	1°46'35	max. Earth dist.	-3385 Nov 06 j 09:55	15° $\mathbb{A}$ 41'54	1.43929 AU
	-3386 Dec 10 j 04:24	0° $\mathbb{A}$					
evening rise	-3386 Dec 12 j 12:30	4° $\mathbb{A}$ 11'53		superior conj	-3385 Nov 11 j 09:20	23° $\mathbb{A}$ 42'40	-1°21'15
asc. node	-3386 Dec 26 j 12:49	27° $\mathbb{A}$ 30'40		minimum elong	-3385 Nov 11 j 02:11	23° $\mathbb{A}$ 13'36	1°20'35
	-3386 Dec 28 j 14:58	0° $\mathbb{B}$			-3385 Nov 15 j 05:26	0° $\mathbb{M}$	
evening max el	-3386 Dec 29 j 06:55	0° $\mathbb{B}$ 41'17	18°08'01	evening rise	-3385 Nov 24 j 17:00	15° $\mathbb{M}$ 58'32	
retrograde	-3385 Jan 04 j 23:41	4° $\mathbb{B}$ 08'50			-3385 Dec 02 j 22:57	0° $\mathbb{A}$	
evening set	-3385 Jan 07 j 16:16	3° $\mathbb{B}$ 35'26		evening max el	-3385 Dec 12 j 19:33	13° $\mathbb{A}$ 57'44	18°15'12
	-3385 Jan 12 j 19:01	30° $\mathbb{R}$ $\mathbb{A}$		asc. node	-3385 Dec 13 j 09:53	14° $\mathbb{A}$ 32'46	
inferior conj	-3385 Jan 14 j 07:09	28° $\mathbb{A}$ 34'07	4°00'50	retrograde	-3385 Dec 19 j 08:19	17° $\mathbb{A}$ 28'57	
minimum elong	-3385 Jan 14 j 06:30	28° $\mathbb{A}$ 35'42	4°00'41	evening set	-3385 Dec 22 j 04:41	16° $\mathbb{A}$ 46'37	
min. Earth dist.	-3385 Jan 17 j 07:44	25° $\mathbb{A}$ 38'53	0.61510 AU	inferior conj	-3385 Dec 28 j 09:18	11° $\mathbb{A}$ 25'05	3°47'00
morning rise	-3385 Jan 20 j 19:30	22° $\mathbb{A}$ 46'54		minimum elong	-3385 Dec 28 j 06:58	11° $\mathbb{A}$ 31'29	3°46'33
direct	-3385 Jan 27 j 19:03	20° $\mathbb{A}$ 21'13		min. Earth dist.	-3385 Dec 30 j 20:05	8° $\mathbb{A}$ 45'18	0.63353 AU
desc. node	-3385 Feb 06 j 14:18	24° $\mathbb{A}$ 22'28		morning rise	-3384 Jan 03 j 08:35	5° $\mathbb{A}$ 27'11	
morning max el	-3385 Feb 10 j 20:30	28° $\mathbb{A}$ 05'39	27°38'53	direct	-3384 Jan 10 j 09:40	2° $\mathbb{A}$ 40'58	
	-3385 Feb 12 j 17:10	0° $\mathbb{B}$		morning max el	-3384 Jan 24 j 03:23	10° $\mathbb{A}$ 25'59	27°38'51
	-3385 Mar 05 j 15:23	0° $\approx$		desc. node	-3384 Jan 24 j 11:23	10° $\mathbb{A}$ 45'55	
morning set	-3385 Mar 15 j 12:40	18° $\approx$ 51'29			-3384 Feb 08 j 13:50	0° $\mathbb{B}$	
	-3385 Mar 20 j 19:28	0° $\mathbb{H}$			-3384 Feb 25 j 22:12	0° $\approx$	
max. Earth dist.	-3385 Mar 21 j 13:46	1° $\mathbb{H}$ 39'00	1.32682 AU	morning set	-3384 Feb 27 j 12:18	3° $\approx$ 08'29	
				max. Earth dist.	-3384 Mar 03 j 20:06	14° $\approx$ 07'06	1.33213 AU
superior conj	-3385 Mar 22 j 19:39	4° $\mathbb{H}$ 21'20	-0°17'39				
minimum elong	-3385 Mar 22 j 20:27	4° $\mathbb{H}$ 25'41	0°17'31	superior conj	-3384 Mar 06 j 04:02	19° $\approx$ 05'16	-0°42'52
asc. node	-3385 Mar 24 j 12:14	8° $\mathbb{H}$ 02'32		minimum elong	-3384 Mar 06 j 05:57	19° $\approx$ 15'32	0°42'34
evening rise	-3385 Mar 29 j 19:05	19° $\mathbb{H}$ 25'48		asc. node	-3384 Mar 10 j 09:15	28° $\approx$ 10'18	
	-3385 Apr 04 j 00:10	0° $\mathbb{Y}$			-3384 Mar 11 j 05:43	0° $\mathbb{H}$	
	-3385 Apr 24 j 06:13	0° $\mathbb{B}$		evening rise	-3384 Mar 13 j 06:43	4° $\mathbb{H}$ 20'09	
evening max el	-3385 Apr 24 j 16:38	0° $\mathbb{B}$ 25'15	24°48'46		-3384 Mar 27 j 07:07	0° $\mathbb{Y}$	
desc. node	-3385 May 05 j 13:09	7° $\mathbb{B}$ 08'01		evening max el	-3384 Apr 05 j 08:31	11° $\mathbb{Y}$ 07'31	23°15'37
retrograde	-3385 May 08 j 16:51	7° $\mathbb{B}$ 31'06		retrograde	-3384 Apr 18 j 19:41	17° $\mathbb{Y}$ 47'13	
evening set	-3385 May 13 j 14:19	6° $\mathbb{B}$ 36'27		desc. node	-3384 Apr 21 j 10:16	17° $\mathbb{Y}$ 32'12	
min. Earth dist.	-3385 May 19 j 04:48	3° $\mathbb{B}$ 40'59	0.57232 AU	evening set	-3384 Apr 22 j 09:00	17° $\mathbb{Y}$ 19'34	
inferior conj	-3385 May 22 j 03:02	1° $\mathbb{B}$ 45'03	-3°50'14	min. Earth dist.	-3384 Apr 29 j 19:10	13° $\mathbb{Y}$ 58'51	0.55801 AU
minimum elong	-3385 May 21 j 22:06	1° $\mathbb{B}$ 53'15	3°49'19	inferior conj	-3384 May 01 j 13:52	12° $\mathbb{Y}$ 56'04	-2°39'17
	-3385 May 24 j 20:50	30° $\mathbb{R}$ $\mathbb{Y}$		minimum elong	-3384 May 01 j 07:52	13° $\mathbb{Y}$ 04'56	2°37'33
morning rise	-3385 May 30 j 08:57	27° $\mathbb{Y}$ 35'29		morning rise	-3384 May 10 j 09:15	8° $\mathbb{Y}$ 58'25	
direct	-3385 Jun 01 j 20:49	27° $\mathbb{Y}$ 17'41		direct	-3384 May 12 j 22:18	8° $\mathbb{Y}$ 42'36	
	-3385 Jun 09 j 02:51	0° $\mathbb{B}$		morning max el	-3384 May 23 j 13:19	13° $\mathbb{Y}$ 39'06	20°21'50
morning max el	-3385 Jun 10 j 21:50	1° $\mathbb{B}$ 30'32	19°14'58		-3384 Jun 04 j 07:38	0° $\mathbb{B}$	
asc. node	-3385 Jun 20 j 11:44	14° $\mathbb{B}$ 34'32		asc. node	-3384 Jun 06 j 08:47	3° $\mathbb{B}$ 46'34	
morning set	-3385 Jun 27 j 22:10	28° $\mathbb{B}$ 35'59		morning set	-3384 Jun 11 j 02:48	13° $\mathbb{B}$ 09'22	
	-3385 Jun 28 j 15:05	0° $\mathbb{H}$					
superior conj	-3385 Jul 06 j 05:05	15° $\mathbb{H}$ 01'06	1°47'38	superior conj	-3384 Jun 18 j 20:09	28° $\mathbb{B}$ 58'18	1°39'23
minimum elong	-3385 Jul 06 j 04:06	14° $\mathbb{H}$ 56'20	1°47'44	minimum elong	-3384 Jun 18 j 17:56	28° $\mathbb{B}$ 47'08	1°39'19
max. Earth dist.	-3385 Jul 12 j 12:28	26° $\mathbb{H}$ 55'42	1.38106 AU		-3384 Jun 19 j 08:22	0° $\mathbb{H}$	
	-3385 Jul 14 j 05:07	0° $\mathbb{B}$		max. Earth dist.	-3384 Jun 23 j 18:17	8° $\mathbb{H}$ 43'08	1.36316 AU
evening rise	-3385 Jul 16 j 09:02	3° $\mathbb{B}$ 50'35		evening rise	-3384 Jun 27 j 19:57	16° $\mathbb{H}$ 24'21	
desc. node	-3385 Aug 01 j 12:15	29° $\mathbb{B}$ 53'18			-3384 Jul 05 j 13:16	0° $\mathbb{B}$	
	-3385 Aug 01 j 14:04	0° $\mathbb{Q}$		desc. node	-3384 Jul 18 j 09:16	19° $\mathbb{B}$ 52'11	
evening max el	-3385 Aug 21 j 04:00	25° $\mathbb{Q}$ 00'35	24°54'13		-3384 Jul 25 j 23:36	0° $\mathbb{Q}$	
	-3385 Aug 27 j 07:15	0° $\mathbb{M}$		evening max el	-3384 Aug 02 j 15:01	8° $\mathbb{Q}$ 33'09	26°03'39
retrograde	-3385 Sep 01 j 19:13	1° $\mathbb{M}$ 47'08		retrograde	-3384 Aug 15 j 03:04	15° $\mathbb{Q}$ 41'06	
	-3385 Sep 06 j 16:53	30° $\mathbb{R}$ $\mathbb{Q}$		evening set	-3384 Aug 21 j 10:36	13° $\mathbb{Q}$ 00'36	
evening set	-3385 Sep 07 j 12:07	29° $\mathbb{Q}$ 21'09		min. Earth dist.	-3384 Aug 25 j 15:25	8° $\mathbb{Q}$ 26'52	0.66460 AU
min. Earth dist.	-3385 Sep 12 j 01:13	24° $\mathbb{Q}$ 09'49	0.67103 AU	inferior conj	-3384 Aug 26 j 23:18	6° $\mathbb{Q}$ 46'46	-2°04'23
inferior conj	-3385 Sep 12 j 21:25	23° $\mathbb{Q}$ 02'52	-1°12'09	minimum elong	-3384 Aug 27 j 02:10	6° $\mathbb{Q}$ 37'46	2°03'13
minimum elong	-3385 Sep 12 j 23:07	22° $\mathbb{Q}$ 57'13	1°11'23	morning rise	-3384 Sep 01 j 17:54	0° $\mathbb{Q}$ 53'56	
asc. node	-3385 Sep 16 j 10:51	18° $\mathbb{Q}$ 42'28		asc. node	-3384 Sep 02 j 07:57	0° $\mathbb{Q}$ 34'21	
morning rise	-3385 Sep 18 j 10:09	16° $\mathbb{Q}$ 59'45			-3384 Sep 04 j 00:14	30° $\mathbb{R}$ $\mathbb{B}$	
direct	-3385 Sep 22 j 00:24	15° $\mathbb{Q}$ 45'02		direct	-3384 Sep 04 j 22:42	29° $\mathbb{B}$ 54'59	
morning max el	-3385 Sep 29 j 15:03	20° $\mathbb{Q}$ 09'19	19°59'29		-3384 Sep 05 j 21:25	0° $\mathbb{Q}$	
	-3385 Oct 07 j 12:24	0° $\mathbb{M}$		morning max el	-3384 Sep 11 j 21:53	3° $\mathbb{Q}$ 51'07	19°03'30
morning set	-3385 Oct 25 j 19:33	27° $\mathbb{M}$ 29'11			-3384 Sep 30 j 04:30	0° $\mathbb{M}$	
	-3385 Oct 27 j 10:26	0° $\mathbb{B}$		morning set	-3384 Oct 04 j 05:43	6° $\mathbb{M}$ 22'40	
desc. node	-3385 Oct 28 j 11:54	1° $\mathbb{B}$ 39'03		desc. node	-3384 Oct 14 j 08:50	22° $\mathbb{M}$ 18'53	
				max. Earth dist.	-3384 Oct 19 j 02:19	29° $\mathbb{M}$ 45'39	1.44734 AU





























































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3384 Oct 19 j 05:57	0°♊			minimum elong	-3383 Sep 29 j 17:58	10°♎41'21	0°09'45
					behind sun begin	-3383 Sep 29 j 08:54	10°♎05'26	
superior conj	-3384 Oct 20 j 16:53	2°♊17'53	-0°39'40		behind sun end	-3383 Sep 30 j 03:02	11°♎17'14	
minimum elong	-3384 Oct 20 j 11:53	1°♊58'10	0°39'02		desc. node	-3383 Oct 01 j 05:46	13°♎02'49	
evening rise	-3384 Nov 04 j 23:04	26°♊45'59			max. Earth dist.	-3383 Oct 01 j 20:45	14°♎01'55	1.44811 AU
	-3384 Nov 06 j 22:39	0°♌				-3383 Oct 12 j 00:44	0°♊	
evening max el	-3384 Nov 25 j 07:31	27°♌21'03	18°40'42		evening rise	-3383 Oct 16 j 04:26	6°♊30'52	
	-3384 Nov 28 j 12:03	0°♍			greatest brilliancy	-3383 Oct 26 j 17:02	22°♊56'44	-0.8m
asc. node	-3384 Nov 29 j 06:56	0°♍25'50				-3383 Oct 31 j 09:11	0°♌	
retrograde	-3384 Dec 02 j 00:19	1°♍06'17			evening max el	-3383 Nov 08 j 16:24	10°♌46'59	19°23'09
evening set	-3384 Dec 05 j 01:44	0°♍13'30			retrograde	-3383 Nov 15 j 20:20	14°♌55'12	
	-3384 Dec 05 j 10:43	30°♌			asc. node	-3383 Nov 16 j 04:01	14°♌54'37	
inferior conj	-3384 Dec 10 j 22:28	24°♌34'07	3°18'37		evening set	-3383 Nov 19 j 04:35	13°♌49'58	
minimum elong	-3384 Dec 10 j 19:25	24°♌43'16	3°17'49		inferior conj	-3383 Nov 24 j 19:28	7°♌55'45	2°40'13
min. Earth dist.	-3384 Dec 12 j 18:16	22°♌23'05	0.64866 AU		minimum elong	-3383 Nov 24 j 16:28	8°♌05'24	2°39'14
morning rise	-3384 Dec 16 j 12:44	18°♌28'19			min. Earth dist.	-3383 Nov 26 j 01:23	6°♌19'40	0.66019 AU
direct	-3384 Dec 23 j 06:55	15°♌36'56			morning rise	-3383 Nov 30 j 04:07	1°♌44'21	
morning max el	-3383 Jan 05 j 12:49	23°♌15'34	27°05'19			-3383 Dec 02 j 14:37	30°♌	
desc. node	-3383 Jan 10 j 08:25	28°♌31'10			direct	-3383 Dec 06 j 10:10	29°♊00'19	
	-3383 Jan 11 j 14:02	0°♍				-3383 Dec 10 j 13:41	0°♌	
	-3383 Jan 31 j 20:28	0°♎			morning max el	-3383 Dec 18 j 22:23	6°♌21'54	26°04'49
morning set	-3383 Feb 10 j 02:33	16°♎53'04			desc. node	-3383 Dec 28 j 05:25	17°♌13'48	
max. Earth dist.	-3383 Feb 14 j 17:24	26°♎03'47	1.34160 AU			-3382 Jan 06 j 07:08	0°♍	
	-3383 Feb 16 j 15:23	0°♏			morning set	-3382 Jan 24 j 03:15	29°♍51'52	
						-3382 Jan 24 j 05:01	0°♎	
superior conj	-3383 Feb 18 j 07:54	3°♏31'17	-1°06'53		max. Earth dist.	-3382 Jan 28 j 03:04	7°♎26'20	1.35553 AU
minimum elong	-3383 Feb 18 j 10:43	3°♏46'03	1°06'32					
asc. node	-3383 Feb 25 j 06:15	18°♏09'13			superior conj	-3382 Feb 02 j 04:46	17°♎30'48	-1°28'20
evening rise	-3383 Feb 25 j 17:05	19°♏05'45			minimum elong	-3382 Feb 02 j 08:01	17°♎47'19	1°28'04
	-3383 Mar 03 j 03:39	0°♐				-3382 Feb 08 j 06:23	0°♏	
evening max el	-3383 Mar 18 j 04:41	21°♐57'06	21°43'14		evening rise	-3382 Feb 10 j 00:14	3°♏35'13	
retrograde	-3383 Mar 30 j 11:44	27°♐53'44			asc. node	-3382 Feb 12 j 03:15	7°♏53'44	
evening set	-3383 Apr 02 j 02:34	27°♐38'20				-3382 Feb 25 j 09:53	0°♐	
desc. node	-3383 Apr 08 j 07:23	25°♐18'52			evening max el	-3382 Feb 28 j 10:02	3°♐14'48	20°22'32
inferior conj	-3383 Apr 11 j 11:10	23°♐35'24	-0°52'39		retrograde	-3382 Mar 11 j 02:13	8°♐19'42	
minimum elong	-3383 Apr 11 j 08:43	23°♐38'50	0°51'50		evening set	-3382 Mar 13 j 08:52	8°♐06'47	
min. Earth dist.	-3383 Apr 11 j 08:52	23°♐38'37	0.55153 AU		inferior conj	-3382 Mar 22 j 07:45	4°♐08'17	1°03'44
morning rise	-3383 Apr 20 j 15:36	19°♐35'07			minimum elong	-3382 Mar 22 j 10:30	4°♐04'11	1°02'45
direct	-3383 Apr 23 j 11:29	19°♐17'26			min. Earth dist.	-3382 Mar 23 j 22:57	3°♐10'30	0.55438 AU
morning max el	-3383 May 05 j 17:57	25°♐06'16	21°46'54		desc. node	-3382 Mar 26 j 04:29	1°♐55'25	
	-3383 May 10 j 05:29	0°♑				-3382 Mar 30 j 15:52	30°♐	
asc. node	-3383 May 24 j 05:48	23°♑22'51			morning rise	-3382 Mar 31 j 10:34	29°♏46'49	
morning set	-3383 May 26 j 11:51	27°♑59'00			direct	-3382 Apr 04 j 00:42	29°♏18'45	
	-3383 May 27 j 11:07	0°♒				-3382 Apr 08 j 07:29	0°♐	
					morning max el	-3382 Apr 17 j 13:24	5°♐57'14	23°24'07
superior conj	-3383 Jun 02 j 20:09	13°♒24'37	1°25'18			-3382 May 04 j 10:55	0°♑	
minimum elong	-3383 Jun 02 j 17:30	13°♒10'47	1°25'03		morning set	-3382 May 10 j 23:18	12°♑57'37	
max. Earth dist.	-3383 Jun 06 j 08:46	20°♒40'44	1.34840 AU		asc. node	-3382 May 11 j 02:47	13°♑15'54	
evening rise	-3383 Jun 10 j 23:56	29°♒50'45						
	-3383 Jun 11 j 01:52	0°♓			superior conj	-3382 May 18 j 02:07	28°♑09'50	1°06'57
	-3383 Jun 28 j 15:23	0°♔			minimum elong	-3382 May 17 j 23:38	27°♑56'33	1°06'35
desc. node	-3383 Jul 05 j 06:18	9°♔22'57				-3382 May 18 j 22:46	0°♒	
evening max el	-3383 Jul 16 j 02:26	22°♔01'04	26°55'32		max. Earth dist.	-3382 May 20 j 08:49	3°♒00'34	1.33733 AU
retrograde	-3383 Jul 29 j 05:49	29°♔20'41			evening rise	-3382 May 25 j 16:13	13°♒55'05	
evening set	-3383 Aug 05 j 01:38	26°♔32'54				-3382 Jun 03 j 05:58	0°♓	
min. Earth dist.	-3383 Aug 08 j 22:55	22°♔37'29	0.65454 AU		desc. node	-3382 Jun 22 j 03:23	28°♓13'05	
inferior conj	-3383 Aug 10 j 19:50	20°♔26'33	-2°53'04			-3382 Jun 23 j 15:27	0°♔	
minimum elong	-3383 Aug 10 j 23:33	20°♔15'44	2°51'47		evening max el	-3382 Jun 28 j 13:16	5°♔13'18	27°22'43
morning rise	-3383 Aug 16 j 21:51	14°♔47'15			retrograde	-3382 Jul 12 j 03:10	12°♔37'02	
direct	-3383 Aug 19 j 19:28	14°♔00'53			evening set	-3382 Jul 19 j 06:17	9°♔53'12	
asc. node	-3383 Aug 20 j 05:02	14°♔01'46			min. Earth dist.	-3382 Jul 22 j 21:46	6°♔33'03	0.64059 AU
morning max el	-3383 Aug 26 j 09:54	17°♔37'51	18°23'36		inferior conj	-3382 Jul 25 j 08:36	3°♔57'06	-3°35'28
	-3383 Sep 04 j 12:50	0°♕			minimum elong	-3382 Jul 25 j 12:30	3°♔46'44	3°34'26
morning set	-3383 Sep 14 j 18:03	16°♕33'52				-3382 Jul 29 j 12:01	30°♒♓	
	-3383 Sep 23 j 00:55	0°♖			morning rise	-3382 Jul 31 j 19:30	28°♓34'25	
					direct	-3382 Aug 03 j 12:09	27°♓57'39	
superior conj	-3383 Sep 29 j 16:41	10°♖36'18	0°09'52		asc. node	-3382 Aug 07 j 02:06	29°♓02'30	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3382 Aug 08 j 11:10	0°☾		morning set	-3381 Aug 09 j 21:56	10°☾31'32	
morning max el	-3382 Aug 10 j 00:37	1°☾24'12	18°00'58		-3381 Aug 20 j 23:11	0°♈	
morning set	-3382 Aug 27 j 09:09	28°☾01'40					
	-3382 Aug 28 j 12:48	0°♈		superior conj	-3381 Aug 21 j 00:33	0°♈05'49	1°26'13
				minimum elong	-3381 Aug 21 j 05:37	0°♈27'28	1°25'51
superior conj	-3382 Sep 09 j 07:18	19°♈41'37	0°54'32	max. Earth dist.	-3381 Aug 28 j 02:18	11°♈54'23	1.42894 AU
minimum elong	-3382 Sep 09 j 12:41	20°♈03'32	0°53'57	evening rise	-3381 Sep 04 j 19:12	24°♈12'44	
max. Earth dist.	-3382 Sep 14 j 13:39	28°♈10'44	1.44164 AU	desc. node	-3381 Sep 04 j 23:46	24°♈30'35	
	-3382 Sep 15 j 17:07	0°♏			-3381 Sep 08 j 12:48	0°♏	
desc. node	-3382 Sep 18 j 02:45	3°♏47'54			-3381 Sep 29 j 06:23	0°♏	
evening rise	-3382 Sep 25 j 13:54	15°♏26'08		evening max el	-3381 Oct 05 j 18:17	7°♏39'46	21°30'45
	-3382 Oct 05 j 02:46	0°♏		retrograde	-3381 Oct 14 j 14:17	12°♏54'23	
evening max el	-3382 Oct 22 j 20:21	24°♏13'42	20°20'44	evening set	-3381 Oct 18 j 18:46	11°♏16'58	
retrograde	-3382 Oct 30 j 17:42	28°♏52'20		asc. node	-3381 Oct 20 j 22:12	9°♏12'26	
evening set	-3382 Nov 03 j 10:55	27°♏32'15		inferior conj	-3381 Oct 24 j 03:11	5°♏03'29	1°05'08
asc. node	-3382 Nov 03 j 01:05	27°♏49'01		minimum elong	-3381 Oct 24 j 01:43	5°♏08'31	1°04'32
inferior conj	-3382 Nov 08 j 21:46	21°♏26'41	1°55'00	min. Earth dist.	-3381 Oct 24 j 09:49	4°♏40'38	0.67295 AU
minimum elong	-3382 Nov 08 j 19:21	21°♏34'48	1°54'04		-3381 Oct 28 j 02:48	30°♏♏	
min. Earth dist.	-3382 Nov 09 j 15:24	20°♏27'20	0.66819 AU	morning rise	-3381 Oct 29 j 08:30	28°♏48'31	
morning rise	-3382 Nov 14 j 03:35	15°♏12'06		direct	-3381 Nov 03 j 08:45	26°♏40'56	
direct	-3382 Nov 19 j 19:02	12°♏44'00			-3381 Nov 10 j 14:18	0°♏	
morning max el	-3382 Dec 01 j 07:08	19°♏35'09	24°46'31	morning max el	-3381 Nov 13 j 16:23	2°♏50'29	23°20'20
	-3382 Dec 10 j 04:42	0°♏		desc. node	-3381 Dec 01 j 23:25	26°♏29'19	
desc. node	-3382 Dec 15 j 02:24	6°♏37'16			-3381 Dec 04 j 08:24	0°♏	
	-3382 Dec 30 j 10:33	0°♏		morning set	-3381 Dec 18 j 13:40	22°♏30'14	
morning set	-3381 Jan 06 j 09:04	11°♏49'53			-3381 Dec 22 j 23:00	0°♏	
max. Earth dist.	-3381 Jan 10 j 02:16	18°♏31'17	1.37356 AU	max. Earth dist.	-3381 Dec 22 j 21:32	29°♏53'38	1.39414 AU
	-3381 Jan 16 j 04:07	0°♏					
				superior conj	-3381 Dec 30 j 12:00	13°♏33'45	-1°54'54
superior conj	-3381 Jan 16 j 15:31	0°♏55'29	-1°45'14	minimum elong	-3381 Dec 30 j 13:08	13°♏39'00	1°54'59
minimum elong	-3381 Jan 16 j 18:22	1°♏09'19	1°45'08		-3380 Jan 08 j 03:10	0°♏	
evening rise	-3381 Jan 25 j 02:02	17°♏42'30		evening rise	-3380 Jan 08 j 19:50	1°♏20'24	
asc. node	-3381 Jan 30 j 00:17	27°♏18'18		asc. node	-3380 Jan 16 j 21:19	16°♏15'38	
	-3381 Jan 31 j 11:22	0°♏		evening max el	-3380 Jan 25 j 03:37	27°♏36'40	18°35'55
evening max el	-3381 Feb 11 j 02:12	15°♏09'18	19°19'23		-3380 Jan 28 j 05:00	0°♏	
retrograde	-3381 Feb 20 j 03:05	19°♏27'40		retrograde	-3380 Feb 01 j 21:48	1°♏23'10	
evening set	-3381 Feb 22 j 10:57	19°♏11'48		evening set	-3380 Feb 04 j 09:22	1°♏01'23	
inferior conj	-3381 Mar 02 j 17:06	15°♏03'06	2°38'18		-3380 Feb 06 j 21:03	30°♏♏	
minimum elong	-3381 Mar 02 j 22:02	14°♏54'52	2°36'56	inferior conj	-3380 Feb 11 j 22:13	26°♏33'48	3°36'14
min. Earth dist.	-3381 Mar 05 j 14:03	13°♏08'53	0.56593 AU	minimum elong	-3380 Feb 12 j 01:42	26°♏27'02	3°35'35
morning rise	-3381 Mar 11 j 06:22	10°♏11'05		min. Earth dist.	-3380 Feb 15 j 07:19	23°♏57'59	0.58351 AU
desc. node	-3381 Mar 13 j 01:34	9°♏39'11		morning rise	-3380 Feb 19 j 15:38	21°♏14'44	
direct	-3381 Mar 16 j 00:59	9°♏18'32		direct	-3380 Feb 25 j 14:29	19°♏45'40	
morning max el	-3381 Mar 30 j 04:27	16°♏31'45	25°02'06	desc. node	-3380 Feb 27 j 22:39	19°♏59'19	
	-3381 Apr 10 j 02:13	0°♏		morning max el	-3380 Mar 10 j 21:01	27°♏17'02	26°26'05
morning set	-3381 Apr 25 j 11:29	27°♏59'26			-3380 Mar 13 j 12:00	0°♏	
	-3381 Apr 26 j 10:18	0°♏			-3380 Apr 02 j 10:32	0°♏	
asc. node	-3381 Apr 27 j 23:48	3°♏20'29		morning set	-3380 Apr 08 j 22:44	12°♏58'28	
				asc. node	-3380 Apr 13 j 20:50	23°♏31'56	
superior conj	-3381 May 02 j 11:48	13°♏06'29	0°45'29	superior conj	-3380 Apr 15 j 23:18	28°♏07'57	0°21'53
minimum elong	-3381 May 02 j 09:55	12°♏56'19	0°45'09	minimum elong	-3380 Apr 15 j 22:21	28°♏02'43	0°21'41
max. Earth dist.	-3381 May 03 j 16:44	15°♏43'24	1.32996 AU	max. Earth dist.	-3380 Apr 16 j 05:15	28°♏40'27	1.32606 AU
evening rise	-3381 May 09 j 17:07	28°♏26'02			-3380 Apr 16 j 19:47	0°♏	
	-3381 May 10 j 11:36	0°♏			-3380 Apr 22 j 23:47	13°♏14'02	
	-3381 May 27 j 11:28	0°♏		evening rise	-3380 May 01 j 14:20	0°♏	
desc. node	-3381 Jun 09 j 00:28	16°♏05'26			-3380 May 22 j 22:50	0°♏	
evening max el	-3381 Jun 10 j 21:34	17°♏58'08	27°19'30	evening max el	-3380 May 23 j 01:00	0°♏05'11	26°43'24
retrograde	-3381 Jun 24 j 18:17	25°♏20'50		desc. node	-3380 May 25 j 21:33	2°♏36'01	
evening set	-3381 Jul 01 j 20:47	22°♏55'04		retrograde	-3380 Jun 06 j 01:44	7°♏24'12	
min. Earth dist.	-3381 Jul 05 j 10:55	20°♏01'26	0.62313 AU	evening set	-3380 Jun 12 j 16:57	5°♏29'51	
inferior conj	-3381 Jul 08 j 10:38	17°♏12'00	-4°07'29	min. Earth dist.	-3380 Jun 16 j 14:29	2°♏48'36	0.60325 AU
minimum elong	-3381 Jul 08 j 13:39	17°♏04'50	4°06'58	inferior conj	-3380 Jun 19 j 22:31	0°♏03'18	-4°22'48
morning rise	-3381 Jul 15 j 07:49	12°♏08'36		minimum elong	-3380 Jun 19 j 23:11	0°♏01'55	4°22'42
direct	-3381 Jul 17 j 21:35	11°♏38'56			-3380 Jun 20 j 00:06	30°♏♏	
morning max el	-3381 Jul 24 j 15:17	15°♏03'51	17°56'28	morning rise	-3380 Jun 27 j 07:22	25°♏21'15	
asc. node	-3381 Jul 24 j 23:11	15°♏23'35		direct	-3380 Jun 29 j 19:58	24°♏56'55	
	-3381 Aug 03 j 23:47	0°♏					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3380 Jul 07 j 03:07	28°  30'04	18°11'04	minimum elong	-3379 Jun 01 j 13:35	12°  25'30	4°11'53
	-3380 Jul 08 j 13:37	0° 		morning rise	-3379 Jun 09 j 14:28	7°  59'52	
asc. node	-3380 Jul 10 j 20:16	2°  49'49		direct	-3379 Jun 12 j 02:41	7°  39'51	
morning set	-3380 Jul 23 j 02:59	23°  49'43		morning max el	-3379 Jun 20 j 09:09	11°  33'35	18°45'45
	-3380 Jul 26 j 09:56	0° 		asc. node	-3379 Jun 27 j 17:20	21°  06'05	
					-3379 Jul 02 j 18:56	0° 	
superior conj	-3380 Aug 01 j 20:14	11°  49'08	1°43'38	morning set	-3379 Jul 06 j 19:45	7°  43'50	
minimum elong	-3380 Aug 01 j 22:51	12°  00'56	1°43'37				
max. Earth dist.	-3380 Aug 09 j 09:43	25°  01'17	1.41172 AU	superior conj	-3379 Jul 15 j 13:01	24°  36'43	1°48'58
	-3380 Aug 12 j 09:09	0° 		minimum elong	-3379 Jul 15 j 13:08	24°  37'19	1°49'05
evening rise	-3380 Aug 14 j 15:44	3°  43'33			-3379 Jul 18 j 10:13	0° 	
desc. node	-3380 Aug 21 j 20:47	15°  07'36		max. Earth dist.	-3379 Jul 22 j 12:40	7°  25'27	1.39226 AU
	-3380 Aug 31 j 20:53	0° 		evening rise	-3379 Jul 26 j 13:28	14°  26'27	
evening max el	-3380 Sep 17 j 10:33	21°  06'20	22°48'55		-3379 Aug 05 j 02:31	0° 	
retrograde	-3380 Sep 27 j 08:35	26°  59'11		desc. node	-3379 Aug 08 j 17:48	5°  34'15	
evening set	-3380 Oct 02 j 02:20	25°  02'38			-3379 Aug 26 j 17:31	0° 	
asc. node	-3380 Oct 06 j 19:18	19°  34'45		evening max el	-3379 Aug 30 j 22:47	4°  34'29	24°09'31
inferior conj	-3380 Oct 07 j 09:52	18°  44'37	0°12'30	retrograde	-3379 Sep 10 j 23:29	11°  03'28	
minimum elong	-3380 Oct 07 j 09:34	18°  45'38	0°12'23	evening set	-3379 Sep 16 j 07:53	8°  47'27	
transit middle	-3380 Oct 07 j 09:34	18°  45'38	0°12'23	min. Earth dist.	-3379 Sep 21 j 01:58	3°  15'55	0.67325 AU
transit begin	-3380 Oct 07 j 07:48	18°  51'42		inferior conj	-3379 Sep 21 j 16:04	2°  28'17	-0°41'19
transit end	-3380 Oct 07 j 11:20	18°  39'33		minimum elong	-3379 Sep 21 j 17:02	2°  24'59	0°40'51
min. Earth dist.	-3380 Oct 07 j 06:09	18°  57'25	0.67464 AU	asc. node	-3379 Sep 23 j 16:25	29°  04'21	
morning rise	-3380 Oct 12 j 16:41	12°  32'04			-3379 Sep 23 j 13:01	30°  04'00	
direct	-3380 Oct 17 j 02:24	10°  46'22		morning rise	-3379 Sep 27 j 02:10	26°  02'10	
morning max el	-3380 Oct 26 j 05:29	16°  10'55	21°55'18	direct	-3379 Sep 30 j 22:54	24°  05'56	
	-3380 Nov 06 j 08:51	0° 		morning max el	-3379 Oct 09 j 01:16	29°  03'56	20°38'20
desc. node	-3380 Nov 17 j 20:25	16°  41'49			-3379 Oct 09 j 09:03	0° 	
	-3380 Nov 26 j 10:35	0° 			-3379 Oct 31 j 01:29	0° 	
morning set	-3380 Nov 27 j 13:25	1°  46'56		desc. node	-3379 Nov 04 j 17:25	7°  08'40	
max. Earth dist.	-3380 Dec 03 j 21:09	12°  05'50	1.41450 AU	morning set	-3379 Nov 06 j 15:07	10°  05'35	
				max. Earth dist.	-3379 Nov 16 j 04:16	25°  02'19	1.43167 AU
					-3379 Nov 19 j 02:59	0° 	
superior conj	-3380 Dec 11 j 12:57	25°  12'25	-1°53'49	superior conj	-3379 Nov 22 j 12:45	5°  13'04	-1°38'04
minimum elong	-3380 Dec 11 j 10:50	25°  03'08	1°53'50	minimum elong	-3379 Nov 22 j 06:49	5°  13'20	1°37'41
	-3380 Dec 14 j 05:45	0° 		evening rise	-3379 Dec 04 j 17:48	26°  39'12	
evening rise	-3380 Dec 22 j 02:25	14°  22'00			-3379 Dec 06 j 15:22	0° 	
	-3380 Dec 30 j 19:46	0° 		asc. node	-3379 Dec 20 j 15:26	22°  12'34	
asc. node	-3379 Jan 02 j 18:23	4°  37'18		evening max el	-3379 Dec 21 j 23:21	23°  38'59	18°08'44
evening max el	-3379 Jan 07 j 11:38	10°  29'09	18°12'29	retrograde	-3379 Dec 28 j 13:26	27°  07'02	
retrograde	-3379 Jan 14 j 10:35	13°  59'43		evening set	-3379 Dec 31 j 07:29	26°  29'59	
evening set	-3379 Jan 17 j 01:25	13°  30'42		inferior conj	-3378 Jan 06 j 17:39	21°  19'33	3°57'07
inferior conj	-3379 Jan 23 j 23:25	8°  34'12	3°59'41	minimum elong	-3378 Jan 06 j 16:09	21°  19'33	3°56'53
minimum elong	-3379 Jan 24 j 00:11	8°  39'37	3°59'32	min. Earth dist.	-3378 Jan 09 j 12:34	18°  28'58	0.62320 AU
min. Earth dist.	-3379 Jan 27 j 05:43	5°  34'38	0.60363 AU	morning rise	-3378 Jan 12 j 23:53	15°  27'11	
morning rise	-3379 Jan 30 j 21:21	3°  02'36		direct	-3378 Jan 20 j 01:05	12°  21'15	
direct	-3379 Feb 06 j 15:10	0° 		desc. node	-3378 Jan 31 j 16:48	18°  28'37	
desc. node	-3379 Feb 13 j 19:44	3°  05'56		morning max el	-3378 Feb 02 j 23:56	20°  36'35	27°43'25
morning max el	-3379 Feb 20 j 19:20	8°  35'58	27°22'25		-3378 Feb 11 j 03:43	0° 	
	-3379 Mar 09 j 04:15	0° 			-3378 Mar 02 j 02:34	0° 	
morning set	-3379 Mar 24 j 07:12	27°  47'34		morning set	-3378 Mar 08 j 10:49	12°  19'31	
	-3379 Mar 25 j 08:37	0° 		max. Earth dist.	-3378 Mar 14 j 04:44	24°  21'55	1.32862 AU
superior conj	-3379 Mar 31 j 10:55	13°  07'24	-0°03'03	superior conj	-3378 Mar 15 j 21:00	27°  59'15	-0°28'24
minimum elong	-3379 Mar 31 j 11:03	13°  08'11	0°03'03	minimum elong	-3378 Mar 15 j 22:17	28°  06'12	0°28'11
behind sun begin	-3379 Mar 31 j 06:06	12°  41'08			-3378 Mar 16 j 19:16	0° 	
behind sun end	-3379 Mar 31 j 16:00	13°  35'14		asc. node	-3378 Mar 18 j 14:51	3°  56'40	
max. Earth dist.	-3379 Mar 30 j 18:35	11°  38'08	1.32556 AU	evening rise	-3378 Mar 22 j 21:28	13°  07'23	
asc. node	-3379 Mar 31 j 17:51	13°  45'24			-3378 Mar 31 j 11:50	0° 	
evening rise	-3379 Apr 07 j 09:52	28°  10'08		evening max el	-3378 Apr 16 j 13:59	22°  19'20	24°09'49
	-3379 Apr 08 j 06:52	0° 		desc. node	-3378 Apr 29 j 15:42	29°  15'22	
	-3379 Apr 25 j 07:08	0° 		retrograde	-3378 Apr 30 j 10:11	29°  16'43	
evening max el	-3379 May 04 j 21:55	11°  28'58	25°37'05	evening set	-3378 May 04 j 17:48	28°  13'05	
desc. node	-3379 May 12 j 18:38	17°  11'33		min. Earth dist.	-3378 May 11 j 01:34	25°  30'20	0.56550 AU
retrograde	-3379 May 18 j 23:40	18°  41'41		inferior conj	-3378 May 13 j 14:23	23°  55'21	-3°25'16
evening set	-3379 May 24 j 15:26	17°  25'42		minimum elong	-3378 May 13 j 08:29	24°  04'37	3°23'55
min. Earth dist.	-3379 May 29 j 10:11	14°  40'03	0.58302 AU				
inferior conj	-3379 Jun 01 j 16:32	12°  20'12	-4°12'16				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3378 May 22 j 02:17	19° $\Upsilon$ 52'36		morning rise	-3377 May 02 j 18:23	0° $\Upsilon$ 53'58	
direct	-3378 May 24 j 14:20	19° $\Upsilon$ 35'59		direct	-3377 May 05 j 08:59	0° $\Upsilon$ 38'11	
morning max el	-3378 Jun 03 j 06:40	24° $\Upsilon$ 05'14	19°40'59	morning max el	-3377 May 16 j 17:38	5° $\Upsilon$ 56'51	20°56'00
	-3378 Jun 08 j 08:59	0° $\mathcal{B}$		asc. node	-3377 Jun 01 j 11:24	29° $\Upsilon$ 23'49	
asc. node	-3378 Jun 14 j 14:23	10° $\mathcal{B}$ 00'39			-3377 Jun 01 j 18:48	0° $\mathcal{B}$	
morning set	-3378 Jun 20 j 20:49	22° $\mathcal{B}$ 05'02		morning set	-3377 Jun 05 j 03:34	6° $\mathcal{B}$ 46'00	
	-3378 Jun 24 j 18:53	0° $\Pi$					
superior conj	-3378 Jun 28 j 21:19	8° $\Pi$ 12'49	1°44'58	superior conj	-3377 Jun 12 j 16:36	22° $\mathcal{B}$ 23'58	1°34'01
minimum elong	-3378 Jun 28 j 19:43	8° $\Pi$ 04'53	1°45'00	minimum elong	-3377 Jun 12 j 14:08	22° $\mathcal{B}$ 11'14	1°33'52
max. Earth dist.	-3378 Jul 04 j 15:13	19° $\Pi$ 17'19	1.37313 AU		-3377 Jun 16 j 10:50	0° $\Pi$	
evening rise	-3378 Jul 08 j 12:08	26° $\Pi$ 23'13		max. Earth dist.	-3377 Jun 16 j 23:55	1° $\Pi$ 04'47	1.35643 AU
	-3378 Jul 10 j 13:01	0° $\mathfrak{E}$		evening rise	-3377 Jun 21 j 06:58	9° $\Pi$ 21'34	
desc. node	-3378 Jul 26 j 14:48	25° $\mathfrak{E}$ 45'16			-3377 Jul 03 j 02:58	0° $\mathfrak{E}$	
	-3378 Jul 29 j 14:08	0° $\Omega$		desc. node	-3377 Jul 13 j 11:48	15° $\mathfrak{E}$ 33'37	
evening max el	-3378 Aug 13 j 09:26	18° $\Omega$ 05'17	25°25'19		-3377 Jul 25 j 06:00	0° $\Omega$	
retrograde	-3378 Aug 25 j 10:12	25° $\Omega$ 02'48		evening max el	-3377 Jul 26 j 20:34	1° $\Omega$ 37'02	26°28'19
evening set	-3378 Aug 31 j 09:32	22° $\Omega$ 29'41		retrograde	-3377 Aug 08 j 16:11	8° $\Omega$ 51'51	
min. Earth dist.	-3378 Sep 04 j 18:55	17° $\Omega$ 34'15	0.66870 AU	evening set	-3377 Aug 15 j 05:12	6° $\Omega$ 07'09	
inferior conj	-3378 Sep 05 j 20:02	16° $\Omega$ 12'43	-1°34'39	min. Earth dist.	-3377 Aug 19 j 06:40	1° $\Omega$ 49'38	0.66072 AU
minimum elong	-3378 Sep 05 j 22:15	16° $\Omega$ 05'29	1°33'40	inferior conj	-3377 Aug 20 j 19:56	29° $\mathfrak{E}$ 55'51	-2°25'38
asc. node	-3378 Sep 10 j 13:32	10° $\Omega$ 53'41		minimum elong	-3377 Aug 20 j 23:12	29° $\mathfrak{E}$ 45'50	2°24'23
morning rise	-3378 Sep 11 j 11:05	10° $\Omega$ 13'47			-3377 Aug 20 j 18:34	30° $\mathcal{R}\mathfrak{E}$	
direct	-3378 Sep 14 j 20:57	9° $\Omega$ 06'24		morning rise	-3377 Aug 26 j 17:30	24° $\mathfrak{E}$ 08'16	
morning max el	-3378 Sep 22 j 04:21	13° $\Omega$ 17'45	19°33'49	asc. node	-3377 Aug 28 j 10:37	23° $\mathfrak{E}$ 25'26	
	-3378 Oct 04 j 15:30	0° $\mathfrak{M}$		direct	-3377 Aug 29 j 18:52	23° $\mathfrak{E}$ 15'11	
morning set	-3378 Oct 16 j 15:26	18° $\mathfrak{M}$ 27'22		morning max el	-3377 Sep 05 j 13:41	27° $\mathfrak{E}$ 02'32	18°44'27
desc. node	-3378 Oct 22 j 14:23	27° $\mathfrak{M}$ 44'47			-3377 Sep 08 j 04:05	0° $\Omega$	
	-3378 Oct 24 j 00:54	0° $\mathfrak{L}$		morning set	-3377 Sep 26 j 11:57	27° $\Omega$ 52'07	
max. Earth dist.	-3378 Oct 29 j 17:30	8° $\mathfrak{L}$ 58'15	1.44347 AU		-3377 Sep 27 j 19:59	0° $\mathfrak{M}$	
				desc. node	-3377 Oct 09 j 11:20	18° $\mathfrak{M}$ 27'04	
superior conj	-3378 Nov 02 j 09:05	14° $\mathfrak{L}$ 47'07	-1°05'17	superior conj	-3377 Oct 12 j 10:40	23° $\mathfrak{M}$ 08'02	-0°18'53
minimum elong	-3378 Nov 02 j 02:06	14° $\mathfrak{L}$ 19'10	1°04'31	minimum elong	-3377 Oct 12 j 08:11	22° $\mathfrak{M}$ 58'14	0°18'32
	-3378 Nov 11 j 17:35	0° $\mathfrak{M}$		max. Earth dist.	-3377 Oct 12 j 10:40	23° $\mathfrak{M}$ 08'01	1.44852 AU
evening rise	-3378 Nov 16 j 13:15	8° $\mathfrak{M}$ 01'29			-3377 Oct 16 j 19:14	0° $\mathfrak{L}$	
	-3378 Nov 30 j 00:40	0° $\mathfrak{J}$		evening rise	-3377 Oct 28 j 08:48	18° $\mathfrak{L}$ 21'56	
evening max el	-3378 Dec 05 j 11:55	6° $\mathfrak{J}$ 58'26	18°23'54		-3377 Nov 04 j 15:14	0° $\mathfrak{M}$	
asc. node	-3378 Dec 07 j 12:30	8° $\mathfrak{J}$ 47'06		evening max el	-3377 Nov 18 j 22:53	20° $\mathfrak{M}$ 23'27	18°56'50
retrograde	-3378 Dec 12 j 01:43	10° $\mathfrak{J}$ 34'52		asc. node	-3377 Nov 24 j 09:35	24° $\mathfrak{M}$ 06'08	
evening set	-3378 Dec 14 j 23:54	9° $\mathfrak{J}$ 48'28		retrograde	-3377 Nov 25 j 19:40	24° $\mathfrak{M}$ 17'25	
inferior conj	-3378 Dec 21 j 00:54	4° $\mathfrak{J}$ 19'04	3°36'26	evening set	-3377 Nov 28 j 23:42	23° $\mathfrak{M}$ 19'44	
minimum elong	-3378 Dec 20 j 22:09	4° $\mathfrak{J}$ 26'55	3°35'50	inferior conj	-3377 Dec 04 j 17:45	17° $\mathfrak{M}$ 33'58	3°03'21
min. Earth dist.	-3378 Dec 23 j 05:19	1° $\mathfrak{J}$ 50'05	0.64030 AU	minimum elong	-3377 Dec 04 j 14:38	17° $\mathfrak{M}$ 43'36	3°02'26
	-3378 Dec 24 j 22:50	30° $\mathcal{R}\mathfrak{M}$		min. Earth dist.	-3377 Dec 06 j 07:34	15° $\mathfrak{M}$ 37'01	0.65401 AU
morning rise	-3378 Dec 26 j 19:50	28° $\mathfrak{M}$ 17'13		morning rise	-3377 Dec 10 j 05:14	11° $\mathfrak{M}$ 25'28	
direct	-3377 Jan 02 j 18:42	25° $\mathfrak{M}$ 26'54		direct	-3377 Dec 16 j 18:50	8° $\mathfrak{M}$ 35'31	
	-3377 Jan 12 j 19:56	0° $\mathfrak{J}$		morning max el	-3377 Dec 29 j 17:56	16° $\mathfrak{M}$ 08'51	26°42'18
morning max el	-3377 Jan 16 j 08:22	3° $\mathfrak{J}$ 11'18	27°28'27	desc. node	-3376 Jan 05 j 10:53	23° $\mathfrak{M}$ 42'16	
desc. node	-3377 Jan 18 j 13:50	5° $\mathfrak{J}$ 30'13			-3376 Jan 10 j 06:43	0° $\mathfrak{J}$	
	-3377 Feb 05 j 12:26	0° $\mathfrak{Z}$			-3376 Jan 29 j 07:36	0° $\mathfrak{Z}$	
morning set	-3377 Feb 20 j 06:53	26° $\mathfrak{Z}$ 24'19		morning set	-3376 Feb 03 j 15:56	9° $\mathfrak{Z}$ 50'58	
	-3377 Feb 22 j 02:07	0° $\approx$		max. Earth dist.	-3376 Feb 07 j 23:42	18° $\mathfrak{Z}$ 16'55	1.34695 AU
max. Earth dist.	-3377 Feb 25 j 07:35	6° $\approx$ 37'22	1.33559 AU				
superior conj	-3377 Feb 28 j 03:42	12° $\approx$ 36'19	-0°53'16	superior conj	-3376 Feb 12 j 04:55	26° $\mathfrak{Z}$ 52'01	-1°16'25
minimum elong	-3377 Feb 28 j 06:02	12° $\approx$ 48'44	0°52'55	minimum elong	-3376 Feb 12 j 08:00	27° $\mathfrak{Z}$ 07'57	1°16'04
asc. node	-3377 Mar 05 j 11:50	24° $\approx$ 01'09			-3376 Feb 13 j 17:05	0° $\approx$	
evening rise	-3377 Mar 07 j 08:45	27° $\approx$ 58'31		evening rise	-3376 Feb 19 j 17:57	12° $\approx$ 37'38	
	-3377 Mar 08 j 08:03	0° $\mathfrak{H}$		asc. node	-3376 Feb 20 j 08:50	13° $\approx$ 54'24	
	-3377 Mar 26 j 09:52	0° $\Upsilon$			-3376 Feb 28 j 19:31	0° $\mathfrak{H}$	
evening max el	-3377 Mar 29 j 06:47	3° $\Upsilon$ 01'00	22°35'27	evening max el	-3376 Mar 10 j 06:36	14° $\mathfrak{H}$ 01'15	21°07'06
retrograde	-3377 Apr 11 j 08:16	9° $\Upsilon$ 24'52		retrograde	-3376 Mar 21 j 21:54	19° $\mathfrak{H}$ 35'31	
evening set	-3377 Apr 14 j 10:01	9° $\Upsilon$ 04'09		evening set	-3376 Mar 24 j 07:31	19° $\mathfrak{H}$ 22'09	
desc. node	-3377 Apr 16 j 12:46	8° $\Upsilon$ 27'28		desc. node	-3376 Apr 02 j 09:53	15° $\mathfrak{H}$ 28'43	
min. Earth dist.	-3377 Apr 22 j 15:43	5° $\Upsilon$ 28'35	0.55415 AU	inferior conj	-3376 Apr 02 j 13:26	15° $\mathfrak{H}$ 23'40	-0°02'29
inferior conj	-3377 Apr 23 j 18:14	4° $\Upsilon$ 50'39	-1°57'21	minimum elong	-3376 Apr 02 j 13:19	15° $\mathfrak{H}$ 23'50	0°02'29
minimum elong	-3377 Apr 23 j 13:14	4° $\Upsilon$ 57'50	1°55'45	transit middle	-3376 Apr 02 j 13:19	15° $\mathfrak{H}$ 23'50	0°02'29
				transit begin	-3376 Apr 02 j 09:16	15° $\mathfrak{H}$ 29'34	


































































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

transit end	-3376 Apr 02 j 17:22	15° $\text{X}$ 18'06		inferior conj	-3375 Mar 13 j 14:06	26° $\approx$ 03'13	1°47'51
min. Earth dist.	-3376 Apr 03 j 05:44	15° $\text{X}$ 00'34	0.55161 AU	minimum elong	-3375 Mar 13 j 18:19	25° $\approx$ 56'44	1°46'29
morning rise	-3376 Apr 11 j 18:41	11° $\text{X}$ 16'03		min. Earth dist.	-3375 Mar 15 j 19:56	24° $\approx$ 40'34	0.55835 AU
direct	-3376 Apr 14 j 20:56	10° $\text{X}$ 55'09		desc. node	-3375 Mar 20 j 06:59	22° $\approx$ 18'25	
morning max el	-3376 Apr 27 j 17:52	17° $\text{X}$ 06'51	22°27'13	morning rise	-3375 Mar 22 j 12:28	21° $\approx$ 29'34	
	-3376 May 07 j 22:32	0° $\text{Y}$		direct	-3375 Mar 26 j 14:12	20° $\approx$ 52'52	
asc. node	-3376 May 18 j 08:24	19° $\text{Y}$ 07'54		morning max el	-3375 Apr 09 j 10:34	27° $\approx$ 47'36	24°06'31
morning set	-3376 May 19 j 13:50	21° $\text{Y}$ 40'05			-3375 Apr 11 j 14:43	0° $\text{X}$	
	-3376 May 23 j 12:30	0° $\text{Z}$			-3375 Apr 30 j 19:33	0° $\text{Y}$	
				morning set	-3375 May 04 j 01:52	6° $\text{Y}$ 41'40	
superior conj	-3376 May 26 j 19:26	6° $\text{Z}$ 59'14	1°17'58	asc. node	-3375 May 05 j 05:24	9° $\text{Y}$ 07'04	
minimum elong	-3376 May 26 j 16:47	6° $\text{Z}$ 45'16	1°17'39				
max. Earth dist.	-3376 May 29 j 18:35	13° $\text{Z}$ 11'18	1.34327 AU	superior conj	-3375 May 11 j 03:16	21° $\text{Y}$ 50'47	0°58'10
evening rise	-3376 Jun 03 j 16:43	23° $\text{Z}$ 06'01		minimum elong	-3375 May 11 j 01:00	21° $\text{Y}$ 38'32	0°57'49
	-3376 Jun 07 j 07:29	0° $\text{II}$		max. Earth dist.	-3375 May 12 j 22:40	25° $\text{Y}$ 43'49	1.33382 AU
	-3376 Jun 25 j 18:30	0° $\text{E}$			-3375 May 14 j 23:01	0° $\text{Z}$	
desc. node	-3376 Jun 29 j 08:51	4° $\text{E}$ 49'00		evening rise	-3375 May 18 j 13:08	7° $\text{Z}$ 23'48	
evening max el	-3376 Jul 08 j 08:09	15° $\text{E}$ 00'42	27°10'36		-3375 May 30 j 19:35	0° $\text{II}$	
retrograde	-3376 Jul 21 j 16:41	22° $\text{E}$ 22'32		desc. node	-3375 Jun 16 j 05:55	23° $\text{II}$ 17'27	
evening set	-3376 Jul 28 j 16:13	19° $\text{E}$ 35'15		evening max el	-3375 Jun 20 j 18:25	28° $\text{II}$ 03'57	27°25'15
min. Earth dist.	-3376 Aug 01 j 10:52	15° $\text{E}$ 55'10	0.64904 AU		-3375 Jun 22 j 21:40	0° $\text{E}$	
inferior conj	-3376 Aug 03 j 13:31	13° $\text{E}$ 32'53	-3°12'02	retrograde	-3375 Jul 04 j 11:13	5° $\text{E}$ 26'41	
minimum elong	-3376 Aug 03 j 17:24	13° $\text{E}$ 21'56	3°10'49	evening set	-3375 Jul 11 j 15:21	2° $\text{E}$ 48'54	
morning rise	-3376 Aug 09 j 19:07	7° $\text{E}$ 59'57			-3375 Jul 14 j 22:00	30° $\text{R}$ $\text{II}$	
direct	-3376 Aug 12 j 14:22	7° $\text{E}$ 17'56		min. Earth dist.	-3375 Jul 15 j 05:38	29° $\text{II}$ 41'26	0.63366 AU
asc. node	-3376 Aug 14 j 07:42	7° $\text{E}$ 33'47		inferior conj	-3375 Jul 17 j 22:09	26° $\text{II}$ 58'17	-3°50'36
morning max el	-3376 Aug 19 j 03:06	10° $\text{E}$ 49'35	18°11'46	minimum elong	-3375 Jul 18 j 01:50	26° $\text{II}$ 48'55	3°49'47
	-3376 Sep 01 j 07:55	0° $\text{O}$		morning rise	-3375 Jul 24 j 13:15	21° $\text{II}$ 43'20	
morning set	-3376 Sep 06 j 12:10	8° $\text{O}$ 37'43		direct	-3375 Jul 27 j 04:34	21° $\text{II}$ 09'41	
	-3376 Sep 19 j 13:28	0° $\text{P}$		asc. node	-3375 Aug 01 j 04:47	23° $\text{II}$ 10'56	
				morning max el	-3375 Aug 02 j 18:07	24° $\text{II}$ 34'05	17°56'44
superior conj	-3376 Sep 20 j 14:21	1° $\text{P}$ 39'35	0°30'04		-3375 Aug 07 j 04:21	0° $\text{E}$	
minimum elong	-3376 Sep 20 j 17:55	1° $\text{P}$ 53'52	0°29'39	morning set	-3375 Aug 19 j 13:13	20° $\text{E}$ 34'19	
max. Earth dist.	-3376 Sep 24 j 04:53	7° $\text{P}$ 23'34	1.44626 AU		-3375 Aug 24 j 23:30	0° $\text{O}$	
desc. node	-3376 Sep 25 j 08:19	9° $\text{P}$ 11'59		superior conj	-3375 Aug 31 j 15:39	11° $\text{O}$ 16'42	1°09'46
evening rise	-3376 Oct 07 j 04:27	27° $\text{P}$ 42'28		minimum elong	-3375 Aug 31 j 21:21	11° $\text{O}$ 40'19	1°09'14
	-3376 Oct 08 j 15:54	0° $\text{A}$		max. Earth dist.	-3375 Sep 06 j 20:49	21° $\text{O}$ 25'56	1.43702 AU
greatest brilliancy	-3376 Oct 19 j 18:10	17° $\text{A}$ 02'00	-0.7m	desc. node	-3375 Sep 12 j 05:19	29° $\text{O}$ 56'30	
	-3376 Oct 28 j 22:17	0° $\text{M}$			-3375 Sep 12 j 06:12	0° $\text{P}$	
evening max el	-3376 Nov 01 j 05:58	3° $\text{M}$ 50'15	19°46'00	evening rise	-3375 Sep 16 j 09:47	6° $\text{P}$ 28'08	
retrograde	-3376 Nov 08 j 16:25	8° $\text{M}$ 10'06			-3375 Oct 02 j 01:03	0° $\text{A}$	
asc. node	-3376 Nov 10 j 06:40	7° $\text{M}$ 55'24		evening max el	-3375 Oct 15 j 07:26	17° $\text{A}$ 16'48	20°49'11
evening set	-3376 Nov 12 j 04:17	6° $\text{M}$ 58'46		retrograde	-3375 Oct 23 j 13:39	22° $\text{A}$ 09'53	
inferior conj	-3376 Nov 17 j 17:16	0° $\text{M}$ 59'30	2°21'44	evening set	-3375 Oct 27 j 11:31	20° $\text{A}$ 42'28	
minimum elong	-3376 Nov 17 j 14:28	1° $\text{M}$ 08'43	2°20'43	asc. node	-3375 Oct 28 j 03:47	20° $\text{A}$ 09'25	
	-3376 Nov 18 j 11:23	30° $\text{R}$ $\text{A}$		inferior conj	-3375 Nov 01 j 21:08	14° $\text{A}$ 33'00	1°34'17
min. Earth dist.	-3376 Nov 18 j 17:47	29° $\text{A}$ 39'02	0.66407 AU	minimum elong	-3375 Nov 01 j 19:05	14° $\text{A}$ 39'58	1°33'27
morning rise	-3376 Nov 23 j 00:26	24° $\text{A}$ 46'43		min. Earth dist.	-3375 Nov 02 j 09:52	13° $\text{A}$ 49'35	0.67065 AU
direct	-3376 Nov 29 j 00:36	22° $\text{A}$ 08'33		morning rise	-3375 Nov 07 j 02:30	8° $\text{A}$ 18'08	
morning max el	-3376 Dec 11 j 02:55	29° $\text{A}$ 18'05	25°33'04	direct	-3375 Nov 12 j 11:26	5° $\text{A}$ 58'41	
	-3376 Dec 11 j 19:22	0° $\text{M}$		morning max el	-3375 Nov 23 j 11:38	12° $\text{A}$ 32'29	24°10'16
desc. node	-3376 Dec 22 j 07:55	12° $\text{M}$ 43'56			-3375 Dec 07 j 13:11	0° $\text{M}$	
	-3375 Jan 03 j 03:08	0° $\text{X}$		desc. node	-3375 Dec 09 j 04:57	2° $\text{M}$ 20'46	
morning set	-3375 Jan 16 j 09:19	22° $\text{X}$ 25'39			-3375 Dec 26 j 22:47	0° $\text{X}$	
max. Earth dist.	-3375 Jan 20 j 04:20	29° $\text{X}$ 28'07	1.36276 AU	morning set	-3375 Dec 29 j 05:06	3° $\text{X}$ 52'01	
	-3375 Jan 20 j 11:04	0° $\text{Z}$		max. Earth dist.	-3374 Jan 02 j 01:21	10° $\text{X}$ 37'49	1.38215 AU
superior conj	-3375 Jan 25 j 21:57	10° $\text{Z}$ 38'13	-1°36'13	superior conj	-3374 Jan 09 j 03:12	23° $\text{X}$ 44'27	-1°50'25
minimum elong	-3375 Jan 26 j 01:09	10° $\text{Z}$ 54'13	1°36'00	minimum elong	-3374 Jan 09 j 05:30	23° $\text{X}$ 55'26	1°50'24
evening rise	-3375 Feb 02 j 23:07	26° $\text{Z}$ 58'38			-3374 Jan 12 j 08:55	0° $\text{Z}$	
	-3375 Feb 04 j 11:07	0° $\approx$		evening rise	-3374 Jan 17 j 21:53	10° $\text{Z}$ 54'25	
asc. node	-3375 Feb 06 j 05:52	3° $\approx$ 31'24		asc. node	-3374 Jan 24 j 02:55	22° $\text{Z}$ 45'27	
evening max el	-3375 Feb 20 j 16:41	25° $\approx$ 35'01	19°53'25		-3374 Jan 28 j 10:09	0° $\approx$	
	-3375 Feb 28 j 01:37	0° $\text{X}$		evening max el	-3374 Feb 03 j 12:56	7° $\approx$ 43'36	18°58'25
retrograde	-3375 Mar 02 j 15:12	0° $\text{X}$ 18'25		retrograde	-3374 Feb 11 j 23:31	11° $\approx$ 46'55	
evening set	-3375 Mar 04 j 21:57	0° $\text{X}$ 04'36		evening set	-3374 Feb 14 j 08:53	11° $\approx$ 28'45	
	-3375 Mar 05 j 06:36	30° $\text{R}$ $\approx$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3374 Feb 22 j 07:26	7° $\approx$ 12'18	3°07'33	minimum elong	-3373 Feb 03 j 23:42	18° $\approx$ 54'42	3°49'34
minimum elong	-3374 Feb 22 j 12:04	7° $\approx$ 04'03	3°06'26	min. Earth dist.	-3373 Feb 07 j 06:45	16° $\approx$ 12'29	0.59190 AU
min. Earth dist.	-3374 Feb 25 j 11:28	4° $\approx$ 58'14	0.57279 AU	morning rise	-3373 Feb 11 j 06:05	13° $\approx$ 30'50	
morning rise	-3374 Mar 02 j 12:34	2° $\approx$ 07'57		direct	-3373 Feb 17 j 14:14	11° $\approx$ 45'00	
desc. node	-3374 Mar 07 j 04:05	1° $\approx$ 02'17		desc. node	-3373 Feb 22 j 01:11	12° $\approx$ 35'04	
direct	-3374 Mar 07 j 19:38	1° $\approx$ 01'16		morning max el	-3373 Mar 03 j 20:37	19° $\approx$ 21'52	26°54'06
morning max el	-3374 Mar 22 j 01:41	8° $\approx$ 23'30	25°40'36		-3373 Mar 12 j 21:41	0° $\approx$	
	-3374 Apr 07 j 04:23	0° $\approx$			-3373 Mar 30 j 17:54	0° $\approx$	
morning set	-3374 Apr 18 j 13:53	21° $\approx$ 43'24		morning set	-3373 Apr 03 j 00:09	6° $\approx$ 38'53	
asc. node	-3374 Apr 22 j 02:26	29° $\approx$ 15'13		asc. node	-3373 Apr 08 j 23:27	19° $\approx$ 27'51	
	-3374 Apr 22 j 10:41	0° $\approx$					
superior conj	-3374 Apr 25 j 13:56	6° $\approx$ 50'16	0°35'42	superior conj	-3373 Apr 10 j 01:40	21° $\approx$ 51'26	0°11'27
minimum elong	-3374 Apr 25 j 12:25	6° $\approx$ 42'00	0°35'25	minimum elong	-3373 Apr 10 j 01:10	21° $\approx$ 48'39	0°11'19
max. Earth dist.	-3374 Apr 26 j 09:06	8° $\approx$ 34'45	1.32787 AU	behind sun begin	-3373 Apr 09 j 21:40	21° $\approx$ 29'27	
evening rise	-3374 May 02 j 16:47	22° $\approx$ 02'57		behind sun end	-3373 Apr 10 j 04:40	22° $\approx$ 07'51	
	-3374 May 06 j 15:53	0° $\approx$		max. Earth dist.	-3373 Apr 09 j 22:14	21° $\approx$ 32'34	1.32536 AU
	-3374 May 24 j 21:25	0° $\approx$			-3373 Apr 13 j 19:15	0° $\approx$	
evening max el	-3374 Jun 03 j 00:45	10° $\approx$ 33'16	27°08'01	evening rise	-3373 Apr 17 j 01:06	6° $\approx$ 54'45	
desc. node	-3374 Jun 03 j 02:59	10° $\approx$ 38'34			-3373 Apr 29 j 06:01	0° $\approx$	
retrograde	-3374 Jun 16 j 23:10	17° $\approx$ 54'41		evening max el	-3373 May 16 j 01:11	22° $\approx$ 20'44	26°18'27
evening set	-3374 Jun 23 j 22:35	15° $\approx$ 40'29		desc. node	-3373 May 21 j 00:03	26° $\approx$ 24'25	
min. Earth dist.	-3374 Jun 27 j 14:19	12° $\approx$ 54'29	0.61496 AU	retrograde	-3373 May 30 j 03:10	29° $\approx$ 38'37	
inferior conj	-3374 Jun 30 j 18:36	10° $\approx$ 04'10	-4°16'30	evening set	-3373 Jun 05 j 09:45	28° $\approx$ 00'06	
minimum elong	-3374 Jun 30 j 20:49	9° $\approx$ 59'11	4°16'11	min. Earth dist.	-3373 Jun 09 j 14:12	25° $\approx$ 18'59	0.59449 AU
morning rise	-3374 Jul 07 j 20:37	5° $\approx$ 09'57		inferior conj	-3373 Jun 12 j 23:13	22° $\approx$ 41'33	-4°22'11
direct	-3374 Jul 10 j 09:47	4° $\approx$ 42'42		minimum elong	-3373 Jun 12 j 22:27	22° $\approx$ 43'04	4°22'04
morning max el	-3374 Jul 17 j 07:59	8° $\approx$ 09'24	18°00'17	morning rise	-3373 Jun 20 j 13:31	18° $\approx$ 09'09	
asc. node	-3374 Jul 19 j 01:51	10° $\approx$ 01'45		direct	-3373 Jun 23 j 01:44	17° $\approx$ 46'55	
	-3374 Jul 31 j 12:23	0° $\approx$		morning max el	-3373 Jun 30 j 17:44	21° $\approx$ 27'18	18°23'20
morning set	-3374 Aug 02 j 09:31	3° $\approx$ 26'22		asc. node	-3373 Jul 05 j 22:56	27° $\approx$ 50'50	
					-3373 Jul 07 j 08:45	0° $\approx$	
superior conj	-3374 Aug 12 j 20:41	22° $\approx$ 16'29	1°35'15	morning set	-3373 Jul 16 j 19:59	17° $\approx$ 00'46	
minimum elong	-3374 Aug 13 j 00:49	22° $\approx$ 34'32	1°35'03		-3373 Jul 23 j 16:01	0° $\approx$	
	-3374 Aug 17 j 08:38	0° $\approx$		superior conj	-3373 Jul 26 j 02:03	4° $\approx$ 29'15	1°47'12
max. Earth dist.	-3374 Aug 20 j 07:27	4° $\approx$ 56'02	1.42206 AU	minimum elong	-3373 Jul 26 j 03:33	4° $\approx$ 36'07	1°47'17
evening rise	-3374 Aug 26 j 19:30	15° $\approx$ 02'54		max. Earth dist.	-3373 Aug 02 j 12:02	17° $\approx$ 42'14	1.40353 AU
desc. node	-3374 Aug 30 j 02:18	20° $\approx$ 03'19		evening rise	-3373 Aug 07 j 02:10	25° $\approx$ 27'37	
	-3374 Sep 05 j 05:34	0° $\approx$			-3373 Aug 09 j 20:43	0° $\approx$	
	-3374 Sep 27 j 10:13	0° $\approx$		desc. node	-3373 Aug 16 j 23:17	11° $\approx$ 10'24	
evening max el	-3374 Sep 28 j 02:43	0° $\approx$ 42'44	22°03'14		-3373 Aug 29 j 23:55	0° $\approx$	
retrograde	-3374 Oct 07 j 09:35	6° $\approx$ 14'01		evening max el	-3373 Sep 10 j 16:50	14° $\approx$ 09'22	23°23'19
evening set	-3374 Oct 11 j 19:29	4° $\approx$ 28'28		retrograde	-3373 Sep 21 j 02:38	20° $\approx$ 18'54	
asc. node	-3374 Oct 15 j 00:53	1° $\approx$ 02'14		evening set	-3373 Sep 26 j 02:23	18° $\approx$ 14'07	
	-3374 Oct 15 j 19:51	30° $\approx$ 00'00		inferior conj	-3373 Oct 01 j 09:59	11° $\approx$ 55'02	-0°10'19
inferior conj	-3374 Oct 17 j 03:19	28° $\approx$ 12'21	0°43'03	minimum elong	-3373 Oct 01 j 10:14	11° $\approx$ 54'12	0°10'10
minimum elong	-3374 Oct 17 j 02:20	28° $\approx$ 15'46	0°42'38	transit middle	-3373 Oct 01 j 10:14	11° $\approx$ 54'12	0°10'10
min. Earth dist.	-3374 Oct 17 j 05:26	28° $\approx$ 05'02	0.67401 AU	transit begin	-3373 Oct 01 j 08:07	12° $\approx$ 01'29	
morning rise	-3374 Oct 22 j 09:02	21° $\approx$ 58'02		transit end	-3373 Oct 01 j 12:21	11° $\approx$ 46'56	
direct	-3374 Oct 27 j 02:50	20° $\approx$ 00'02		min. Earth dist.	-3373 Oct 01 j 01:56	12° $\approx$ 22'40	0.67439 AU
morning max el	-3374 Nov 05 j 22:20	25° $\approx$ 50'47	22°43'34	asc. node	-3373 Oct 01 j 22:00	11° $\approx$ 13'54	
	-3374 Nov 09 j 16:37	0° $\approx$		morning rise	-3373 Oct 06 j 17:59	5° $\approx$ 44'08	
desc. node	-3374 Nov 26 j 01:58	22° $\approx$ 02'44		direct	-3373 Oct 10 j 21:52	4° $\approx$ 07'26	
	-3374 Dec 01 j 02:50	0° $\approx$		morning max el	-3373 Oct 19 j 13:58	9° $\approx$ 14'27	21°21'09
morning set	-3374 Dec 09 j 21:35	13° $\approx$ 57'09			-3373 Nov 04 j 11:03	0° $\approx$	
max. Earth dist.	-3374 Dec 14 j 21:49	22° $\approx$ 19'47	1.40296 AU	desc. node	-3373 Nov 12 j 22:57	12° $\approx$ 41'51	
	-3374 Dec 19 j 07:51	0° $\approx$		morning set	-3373 Nov 19 j 10:07	22° $\approx$ 43'17	
					-3373 Nov 23 j 23:44	0° $\approx$	
superior conj	-3374 Dec 22 j 16:04	5° $\approx$ 59'11	-1°55'59	max. Earth dist.	-3373 Nov 26 j 23:49	4° $\approx$ 53'13	1.42233 AU
minimum elong	-3374 Dec 22 j 16:00	5° $\approx$ 58'53	1°56'06				
evening rise	-3373 Jan 01 j 11:24	24° $\approx$ 18'22		superior conj	-3373 Dec 04 j 06:50	17° $\approx$ 07'54	-1°49'08
	-3373 Jan 04 j 11:52	0° $\approx$		minimum elong	-3373 Dec 04 j 03:02	16° $\approx$ 51'35	1°49'02
asc. node	-3373 Jan 10 j 23:58	11° $\approx$ 29'09			-3373 Dec 11 j 14:33	0° $\approx$	
evening max el	-3373 Jan 17 j 17:28	20° $\approx$ 22'36	18°23'29	evening rise	-3373 Dec 15 j 11:59	7° $\approx$ 01'41	
retrograde	-3373 Jan 25 j 02:21	24° $\approx$ 00'48		asc. node	-3373 Dec 28 j 21:01	29° $\approx$ 32'36	
evening set	-3373 Jan 27 j 15:10	23° $\approx$ 36'14			-3373 Dec 29 j 05:16	0° $\approx$	
inferior conj	-3373 Feb 03 j 21:21	18° $\approx$ 59'34	3°49'55	evening max el	-3372 Jan 01 j 03:25	3° $\approx$ 23'24	18°08'33

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3372 Jan 07 j 21:25	6°  51'12			-3372 Dec 03 j 05:47	0° 		
evening set	-3372 Jan 10 j 13:34	6°  18'55		evening max el	-3372 Dec 14 j 15:52	16°  38'19	18°12'57	
inferior conj	-3372 Jan 17 j 06:13	1°  20'45	4°01'12	asc. node	-3372 Dec 14 j 18:05	16°  43'54		
minimum elong	-3372 Jan 17 j 05:55	1°  21'29	4°01'05	retrograde	-3372 Dec 21 j 04:40	20°  08'17		
	-3372 Jan 18 j 15:56	30°  		evening set	-3372 Dec 24 j 00:27	19°  27'18		
min. Earth dist.	-3372 Jan 20 j 08:33	28°  24'54	0.61220 AU	inferior conj	-3372 Dec 30 j 06:24	14°  08'31	3°50'07	
morning rise	-3372 Jan 23 j 20:55	25°  35'38		minimum elong	-3372 Dec 30 j 04:15	14°  14'18	3°49'45	
direct	-3372 Jan 30 j 19:25	23°  14'17		min. Earth dist.	-3371 Jan 01 j 19:19	11°  25'34	0.63095 AU	
desc. node	-3372 Feb 08 j 22:16	26°  43'36		morning rise	-3371 Jan 05 j 07:21	8°  12'02		
	-3372 Feb 12 j 21:23	0° 		direct	-3371 Jan 12 j 08:47	5°  28'05		
morning max el	-3372 Feb 13 j 21:33	0°  57'47	27°35'46	desc. node	-3371 Jan 25 j 19:19	12°  52'15		
	-3372 Mar 05 j 23:40	0° 		morning max el	-3371 Jan 26 j 03:51	13°  13'07	27°41'11	
morning set	-3372 Mar 17 j 06:48	21°  21'19			-3371 Feb 08 j 16:38	0° 		
	-3372 Mar 21 j 09:26	0° 			-3371 Feb 26 j 09:59	0° 		
max. Earth dist.	-3372 Mar 23 j 10:27	4°  24'45	1.32634 AU	morning set	-3371 Mar 01 j 07:30	5°  42'30		
				max. Earth dist.	-3371 Mar 06 j 17:55	16°  57'40	1.33109 AU	
superior conj	-3372 Mar 24 j 12:50	6°  48'22	-0°13'47					
minimum elong	-3372 Mar 24 j 13:27	6°  51'46	0°13'42	superior conj	-3371 Mar 08 j 21:41	21°  34'37	-0°39'04	
behind sun begin	-3372 Mar 24 j 10:55	6°  37'55		minimum elong	-3371 Mar 08 j 23:27	21°  44'04	0°38'48	
behind sun end	-3372 Mar 24 j 16:00	7°  05'38		asc. node	-3371 Mar 12 j 17:26	29°  49'50		
asc. node	-3372 Mar 25 j 20:27	9°  40'52			-3371 Mar 12 j 19:19	0° 		
evening rise	-3372 Mar 31 j 12:01	21°  51'59		evening rise	-3371 Mar 15 j 23:42	6°  47'30		
	-3372 Apr 04 j 11:18	0° 			-3371 Mar 28 j 08:59	0° 		
	-3372 Apr 23 j 12:00	0° 		evening max el	-3371 Apr 08 j 11:28	14°  12'23	23°29'46	
evening max el	-3372 Apr 26 j 19:44	3°  28'47	25°01'55	retrograde	-3371 Apr 22 j 01:20	20°  57'08		
desc. node	-3372 May 06 j 21:07	9°  59'48		desc. node	-3371 Apr 23 j 18:13	20°  50'39		
retrograde	-3372 May 10 j 20:41	10°  36'40		evening set	-3371 Apr 25 j 19:16	20°  26'19		
evening set	-3372 May 15 j 23:02	9°  36'51		min. Earth dist.	-3371 May 02 j 22:25	17°  10'12	0.55971 AU	
min. Earth dist.	-3372 May 21 j 07:57	6°  44'21	0.57494 AU	inferior conj	-3371 May 04 j 22:20	15°  58'50	-2°52'41	
inferior conj	-3372 May 24 j 08:48	4°  41'43	-3°57'23	minimum elong	-3371 May 04 j 16:12	16°  08'01	2°51'01	
minimum elong	-3372 May 24 j 04:20	4°  49'18	3°56'38	morning rise	-3371 May 13 j 15:51	12°  00'20		
morning rise	-3372 Jun 01 j 12:35	0°  29'26		direct	-3371 May 16 j 04:37	11°  44'22		
direct	-3372 Jun 04 j 00:32	0°  11'04		morning max el	-3371 May 26 j 13:30	16°  33'15	20°10'39	
morning max el	-3372 Jun 12 j 20:27	4°  18'38	19°06'44		-3371 Jun 05 j 14:42	0° 		
asc. node	-3372 Jun 21 j 19:58	16°  24'59		asc. node	-3371 Jun 08 j 16:58	5°  32'39		
	-3372 Jun 29 j 02:55	0° 		morning set	-3371 Jun 13 j 20:29	15°  38'31		
morning set	-3372 Jun 29 j 16:42	1°  11'07'55			-3371 Jun 20 j 21:19	0° 		
superior conj	-3372 Jul 08 j 02:04	17°  39'34	1°48'16	superior conj	-3371 Jun 21 j 15:31	1°  31'47	1°41'03	
minimum elong	-3372 Jul 08 j 01:21	17°  36'07	1°48'21	minimum elong	-3371 Jun 21 j 13:27	1°  21'21	1°41'01	
max. Earth dist.	-3372 Jul 14 j 14:03	29°  50'23	1.38394 AU	max. Earth dist.	-3371 Jun 26 j 18:58	11°  38'46	1.36565 AU	
	-3372 Jul 14 j 16:10	0° 		evening rise	-3371 Jun 30 j 18:57	19°  08'39		
evening rise	-3372 Jul 18 j 11:03	6°  44'00			-3371 Jul 06 j 22:28	0° 		
	-3372 Aug 01 j 19:47	0° 		desc. node	-3371 Jul 20 j 17:17	21°  34'03		
desc. node	-3372 Aug 02 j 20:16	1°  31'32			-3371 Jul 26 j 21:43	0° 		
evening max el	-3372 Aug 23 j 04:18	27°  39'56	24°42'50	evening max el	-3371 Aug 05 j 15:12	11°  12'26	25°54'09	
	-3372 Aug 25 j 16:51	0° 		retrograde	-3371 Aug 18 j 00:22	18°  17'49		
retrograde	-3372 Sep 03 j 15:49	4°  11'56		evening set	-3371 Aug 24 j 05:53	15°  38'58		
evening set	-3372 Sep 09 j 06:30	1°  17'58'31		min. Earth dist.	-3371 Aug 28 j 11:52	10°  39'40	0.66582 AU	
	-3372 Sep 11 j 05:35	30°  18'00		inferior conj	-3371 Aug 29 j 17:58	9°  24'19	-1°56'39	
min. Earth dist.	-3372 Sep 13 j 20:54	26°  41'51	0.67177 AU	minimum elong	-3371 Aug 29 j 20:40	9°  15'44	1°55'31	
inferior conj	-3372 Sep 14 j 15:29	25°  39'58	-1°04'05	morning rise	-3371 Sep 04 j 11:36	3°  29'52		
minimum elong	-3372 Sep 14 j 17:00	25°  34'54	1°03'23	asc. node	-3371 Sep 04 j 16:10	3°  22'56		
asc. node	-3372 Sep 17 j 19:06	21°  44'05		direct	-3371 Sep 07 j 17:39	2°  28'50		
morning rise	-3372 Sep 20 j 03:29	19°  35'41		morning max el	-3371 Sep 14 j 18:43	6°  28'28	19°10'52	
direct	-3372 Sep 23 j 19:23	18°  18'17			-3371 Oct 01 j 11:23	0° 		
morning max el	-3372 Oct 01 j 12:46	22°  47'13	20°09'02	morning set	-3371 Oct 07 j 15:14	9°  38'48		
	-3372 Oct 07 j 12:42	0° 		desc. node	-3371 Oct 16 j 16:53	23°  17'52'38		
	-3372 Oct 27 j 18:04	0° 			-3371 Oct 20 j 14:17	0° 		
morning set	-3372 Oct 28 j 08:04	0°  54'11		max. Earth dist.	-3371 Oct 22 j 01:38	2°  19'25	1.44658 AU	
desc. node	-3372 Oct 29 j 19:54	3°  13'11						
max. Earth dist.	-3372 Nov 08 j 09:44	18°  18'27	1.43756 AU	superior conj	-3371 Oct 24 j 05:18	5°  43'46	-0°46'45	
				minimum elong	-3371 Oct 23 j 23:36	5°  21'11	0°46'03	
superior conj	-3372 Nov 13 j 18:48	27°  00'26	-1°26'14	evening rise	-3371 Nov 08 j 05:06	29°  21'53'44		
minimum elong	-3372 Nov 13 j 11:49	26°  31'55	1°25'37		-3371 Nov 08 j 06:38	0° 		
	-3372 Nov 15 j 14:31	0° 		evening max el	-3371 Nov 28 j 04:05	0°  20'11'10	18°35'46	
evening rise	-3372 Nov 26 j 19:23	18°  18'56'16			-3371 Nov 28 j 03:38	0° 		



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3371 Dec 01 j 15:09	2° $\text{♁}$ 48'48		max. Earth dist.	-3370 Oct 04 j 19:51	16° $\text{♁}$ 34'42	1.44841 AU
retrograde	-3371 Dec 04 j 19:53	3° $\text{♁}$ 43'56			-3370 Oct 13 j 08:42	0° $\text{♁}$	
evening set	-3371 Dec 07 j 20:25	2° $\text{♁}$ 52'50		evening rise	-3370 Oct 19 j 14:08	9° $\text{♁}$ 47'56	
	-3371 Dec 11 j 08:11	30° $\text{♁}$		greatest brilliancy	-3370 Oct 29 j 07:29	25° $\text{♁}$ 04'22	-0.8m
inferior conj	-3371 Dec 13 j 18:10	27° $\text{♁}$ 15'50	3°23'39		-3370 Nov 01 j 12:29	0° $\text{♁}$	
minimum elong	-3371 Dec 13 j 15:10	27° $\text{♁}$ 24'44	3°22'53	evening max el	-3370 Nov 11 j 13:35	13° $\text{♁}$ 27'07	19°15'48
min. Earth dist.	-3371 Dec 15 j 16:08	24° $\text{♁}$ 59'59	0.64660 AU	retrograde	-3370 Nov 18 j 15:31	17° $\text{♁}$ 31'32	
morning rise	-3371 Dec 19 j 09:31	21° $\text{♁}$ 10'57		asc. node	-3370 Nov 18 j 12:15	17° $\text{♁}$ 31'26	
direct	-3371 Dec 26 j 05:02	18° $\text{♁}$ 19'31		evening set	-3370 Nov 21 j 22:34	16° $\text{♁}$ 28'23	
morning max el	-3370 Jan 08 j 13:13	25° $\text{♁}$ 59'58	27°12'16	inferior conj	-3370 Nov 27 j 14:13	10° $\text{♁}$ 36'15	2°46'35
	-3370 Jan 12 j 06:52	0° $\text{♁}$		minimum elong	-3370 Nov 27 j 11:10	10° $\text{♁}$ 45'58	2°45'35
desc. node	-3370 Jan 12 j 16:22	0° $\text{♁}$ 27'19		min. Earth dist.	-3370 Nov 28 j 22:08	8° $\text{♁}$ 54'36	0.65869 AU
	-3370 Feb 02 j 04:54	0° $\text{♁}$		morning rise	-3370 Dec 02 j 23:30	4° $\text{♁}$ 25'25	
morning set	-3370 Feb 12 j 23:24	19° $\text{♁}$ 33'02		direct	-3370 Dec 09 j 07:34	1° $\text{♁}$ 39'31	
max. Earth dist.	-3370 Feb 17 j 16:53	29° $\text{♁}$ 00'13	1.33992 AU	morning max el	-3370 Dec 21 j 22:56	9° $\text{♁}$ 04'54	26°15'09
	-3370 Feb 18 j 04:31	0° $\text{♁}$		desc. node	-3370 Dec 30 j 13:25	19° $\text{♁}$ 02'47	
					-3369 Jan 07 j 11:33	0° $\text{♁}$	
superior conj	-3370 Feb 21 j 02:22	6° $\text{♁}$ 03'54	-1°03'23		-3369 Jan 25 j 15:58	0° $\text{♁}$	
minimum elong	-3370 Feb 21 j 05:04	6° $\text{♁}$ 18'09	1°03'01	morning set	-3369 Jan 27 j 02:28	2° $\text{♁}$ 39'46	
asc. node	-3370 Feb 27 j 14:27	19° $\text{♁}$ 50'39		max. Earth dist.	-3369 Jan 31 j 04:14	10° $\text{♁}$ 26'52	1.35318 AU
evening rise	-3370 Feb 28 j 10:23	21° $\text{♁}$ 35'02					
	-3370 Mar 04 j 13:50	0° $\text{♁}$		superior conj	-3369 Feb 05 j 00:27	20° $\text{♁}$ 07'57	-1°25'22
evening max el	-3370 Mar 21 j 06:30	24° $\text{♁}$ 58'51	21°56'25	minimum elong	-3369 Feb 05 j 03:41	20° $\text{♁}$ 24'26	1°25'02
	-3370 Mar 28 j 14:08	0° $\text{♁}$			-3369 Feb 09 j 19:07	0° $\text{♁}$	
retrograde	-3370 Apr 02 j 18:46	1° $\text{♁}$ 03'10		evening rise	-3369 Feb 12 j 18:08	6° $\text{♁}$ 07'13	
evening set	-3370 Apr 05 j 11:58	0° $\text{♁}$ 46'43		asc. node	-3369 Feb 14 j 11:28	9° $\text{♁}$ 37'44	
	-3370 Apr 08 j 05:09	30° $\text{♁}$			-3369 Feb 26 j 03:09	0° $\text{♁}$	
desc. node	-3370 Apr 10 j 15:18	28° $\text{♁}$ 57'38		evening max el	-3369 Mar 03 j 10:21	6° $\text{♁}$ 11'43	20°33'32
inferior conj	-3370 Apr 14 j 20:55	26° $\text{♁}$ 41'22	-1°10'16	retrograde	-3369 Mar 14 j 08:43	11° $\text{♁}$ 24'13	
minimum elong	-3370 Apr 14 j 17:41	26° $\text{♁}$ 45'54	1°09'10	evening set	-3369 Mar 16 j 15:41	11° $\text{♁}$ 11'26	
min. Earth dist.	-3370 Apr 14 j 12:07	26° $\text{♁}$ 53'45	0.55193 AU	inferior conj	-3369 Mar 25 j 16:42	7° $\text{♁}$ 13'29	0°46'50
morning rise	-3370 Apr 24 j 00:32	22° $\text{♁}$ 42'43		minimum elong	-3369 Mar 25 j 18:47	7° $\text{♁}$ 10'27	0°46'05
direct	-3370 Apr 26 j 18:41	22° $\text{♁}$ 25'47		min. Earth dist.	-3369 Mar 27 j 02:17	6° $\text{♁}$ 24'35	0.55337 AU
morning max el	-3370 May 08 j 19:45	28° $\text{♁}$ 06'38	21°33'17	desc. node	-3369 Mar 28 j 12:24	5° $\text{♁}$ 36'13	
	-3370 May 10 j 16:59	0° $\text{♁}$		morning rise	-3369 Apr 03 j 20:32	2° $\text{♁}$ 55'54	
asc. node	-3370 May 26 j 14:00	25° $\text{♁}$ 05'33		direct	-3369 Apr 07 j 07:09	2° $\text{♁}$ 30'06	
	-3370 May 28 j 23:58	0° $\text{♁}$		morning max el	-3369 Apr 20 j 16:23	9° $\text{♁}$ 02'20	23°09'15
morning set	-3370 May 29 j 04:58	0° $\text{♁}$ 25'52			-3369 May 05 j 19:39	0° $\text{♁}$	
				asc. node	-3369 May 13 j 11:01	14° $\text{♁}$ 56'35	
superior conj	-3370 Jun 05 j 14:23	15° $\text{♁}$ 54'16	1°27'45	morning set	-3369 May 13 j 16:11	15° $\text{♁}$ 23'34	
minimum elong	-3370 Jun 05 j 11:46	15° $\text{♁}$ 40'36	1°27'31				
max. Earth dist.	-3370 Jun 09 j 07:45	23° $\text{♁}$ 32'21	1.35035 AU	superior conj	-3369 May 20 j 19:38	0° $\text{♁}$ 37'23	1°09'57
	-3370 Jun 12 j 14:02	0° $\text{♁}$		minimum elong	-3369 May 20 j 17:06	0° $\text{♁}$ 23'50	1°09'37
evening rise	-3370 Jun 13 j 20:41	2° $\text{♁}$ 27'48			-3369 May 20 j 12:38	0° $\text{♁}$	
	-3370 Jun 29 j 20:37	0° $\text{♁}$		max. Earth dist.	-3369 May 23 j 06:23	5° $\text{♁}$ 48'26	1.33872 AU
desc. node	-3370 Jul 07 j 14:19	11° $\text{♁}$ 09'38		evening rise	-3369 May 28 j 11:25	16° $\text{♁}$ 27'34	
evening max el	-3370 Jul 19 j 02:28	24° $\text{♁}$ 41'10	26°49'13		-3369 Jun 04 j 15:38	0° $\text{♁}$	
	-3370 Jul 25 j 19:21	0° $\text{♁}$		desc. node	-3369 Jun 24 j 11:22	0° $\text{♁}$ 07'02	
retrograde	-3370 Aug 01 j 04:01	2° $\text{♁}$ 00'02			-3369 Jun 24 j 09:05	0° $\text{♁}$	
	-3370 Aug 06 j 21:41	30° $\text{♁}$		evening max el	-3369 Jul 01 j 13:33	7° $\text{♁}$ 56'58	27°20'34
evening set	-3370 Aug 07 j 22:13	29° $\text{♁}$ 12'37		retrograde	-3369 Jul 15 j 02:19	15° $\text{♁}$ 20'41	
min. Earth dist.	-3370 Aug 11 j 20:30	25° $\text{♁}$ 11'37	0.65623 AU	evening set	-3369 Jul 22 j 04:41	12° $\text{♁}$ 35'30	
inferior conj	-3370 Aug 13 j 15:26	23° $\text{♁}$ 04'52	-2°46'02	min. Earth dist.	-3369 Jul 25 j 20:52	9° $\text{♁}$ 10'21	0.64285 AU
minimum elong	-3370 Aug 13 j 19:03	22° $\text{♁}$ 54'11	2°44'46	inferior conj	-3369 Jul 28 j 05:35	6° $\text{♁}$ 37'35	-3°29'38
morning rise	-3370 Aug 19 j 16:16	17° $\text{♁}$ 23'27		minimum elong	-3369 Jul 28 j 09:31	6° $\text{♁}$ 26'58	3°28'34
direct	-3370 Aug 22 j 14:46	16° $\text{♁}$ 35'29		morning rise	-3369 Aug 03 j 15:03	1° $\text{♁}$ 12'08	
asc. node	-3370 Aug 22 j 13:16	16° $\text{♁}$ 35'30		direct	-3369 Aug 06 j 08:15	0° $\text{♁}$ 34'09	
morning max el	-3370 Aug 29 j 06:09	20° $\text{♁}$ 14'55	18°28'31	asc. node	-3369 Aug 09 j 10:22	1° $\text{♁}$ 23'05	
	-3370 Sep 05 j 16:57	0° $\text{♁}$		morning max el	-3369 Aug 12 j 20:40	4° $\text{♁}$ 01'56	18°03'13
morning set	-3370 Sep 17 j 23:25	19° $\text{♁}$ 37'56			-3369 Aug 29 j 21:49	0° $\text{♁}$	
	-3370 Sep 24 j 09:24	0° $\text{♁}$		morning set	-3369 Aug 30 j 10:49	0° $\text{♁}$ 55'21	
superior conj	-3370 Oct 03 j 04:52	14° $\text{♁}$ 00'58	0°02'25	superior conj	-3369 Sep 12 j 16:10	22° $\text{♁}$ 56'24	0°48'29
minimum elong	-3370 Oct 03 j 05:11	14° $\text{♁}$ 02'11	0°02'24	minimum elong	-3369 Sep 12 j 21:14	23° $\text{♁}$ 16'54	0°47'56
behind sun begin	-3370 Oct 02 j 17:58	13° $\text{♁}$ 17'56			-3369 Sep 17 j 01:38	0° $\text{♁}$	
behind sun end	-3370 Oct 03 j 16:23	14° $\text{♁}$ 46'25		max. Earth dist.	-3369 Sep 17 j 13:01	0° $\text{♁}$ 45'21	1.44302 AU
desc. node	-3370 Oct 03 j 13:51	14° $\text{♁}$ 36'27		desc. node	-3369 Sep 20 j 10:51	5° $\text{♁}$ 21'45	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3369 Sep 29 j 01:50	18° $\text{𐌆}$ 48'44		evening rise	-3368 Sep 07 j 06:26	27° $\text{𐌆}$ 33'15	
	-3369 Oct 06 j 08:49	0° $\text{𐌆}$			-3368 Sep 08 j 20:14	0° $\text{𐌆}$	
greatest brilliancy	-3369 Oct 12 j 19:45	9° $\text{𐌆}$ 42'55	-0.6m		-3368 Sep 29 j 05:47	0° $\text{𐌆}$	
evening max el	-3369 Oct 25 j 18:25	26° $\text{𐌆}$ 54'10	20°11'19	evening max el	-3368 Oct 07 j 17:19	10° $\text{𐌆}$ 20'28	21°19'42
	-3369 Oct 29 j 08:49	0° $\text{𐌆}$		retrograde	-3368 Oct 16 j 09:34	15° $\text{𐌆}$ 29'11	
retrograde	-3369 Nov 02 j 12:48	1° $\text{𐌆}$ 27'45		evening set	-3368 Oct 20 j 12:16	13° $\text{𐌆}$ 54'25	
asc. node	-3369 Nov 05 j 09:21	0° $\text{𐌆}$ 40'29		asc. node	-3368 Oct 22 j 06:27	12° $\text{𐌆}$ 16'21	
evening set	-3369 Nov 06 j 04:32	0° $\text{𐌆}$ 10'05		inferior conj	-3368 Oct 25 j 20:58	7° $\text{𐌆}$ 41'58	1°12'55
	-3369 Nov 06 j 10:03	30° $\text{𐌆}$		minimum elong	-3368 Oct 25 j 19:20	7° $\text{𐌆}$ 47'33	1°12'15
inferior conj	-3369 Nov 11 j 15:54	24° $\text{𐌆}$ 06'07	2°02'13	min. Earth dist.	-3368 Oct 26 j 05:10	7° $\text{𐌆}$ 13'47	0.67247 AU
minimum elong	-3369 Nov 11 j 13:22	24° $\text{𐌆}$ 14'35	2°01'15	morning rise	-3368 Oct 31 j 02:13	1° $\text{𐌆}$ 27'01	
min. Earth dist.	-3369 Nov 12 j 11:18	23° $\text{𐌆}$ 01'12	0.66725 AU		-3368 Nov 02 j 05:00	30° $\text{𐌆}$	
morning rise	-3369 Nov 16 j 21:59	17° $\text{𐌆}$ 51'53		direct	-3368 Nov 05 j 04:46	29° $\text{𐌆}$ 16'14	
direct	-3369 Nov 22 j 15:46	15° $\text{𐌆}$ 20'52			-3368 Nov 08 j 10:00	0° $\text{𐌆}$	
morning max el	-3369 Dec 04 j 07:41	22° $\text{𐌆}$ 17'14	24°58'51	morning max el	-3368 Nov 15 j 16:36	5° $\text{𐌆}$ 32'00	23°33'17
	-3369 Dec 11 j 02:30	0° $\text{𐌆}$		desc. node	-3368 Dec 03 j 07:30	28° $\text{𐌆}$ 09'41	
desc. node	-3369 Dec 17 j 10:29	8° $\text{𐌆}$ 21'11			-3368 Dec 04 j 13:39	0° $\text{𐌆}$	
	-3369 Dec 31 j 18:49	0° $\text{𐌆}$		morning set	-3368 Dec 20 j 20:13	25° $\text{𐌆}$ 40'45	
morning set	-3368 Jan 09 j 11:29	14° $\text{𐌆}$ 47'51			-3368 Dec 23 j 08:55	0° $\text{𐌆}$	
max. Earth dist.	-3368 Jan 13 j 04:27	21° $\text{𐌆}$ 31'27	1.37069 AU	max. Earth dist.	-3368 Dec 24 j 23:59	2° $\text{𐌆}$ 49'53	1.39101 AU
	-3368 Jan 17 j 16:03	0° $\text{𐌆}$					
superior conj	-3368 Jan 19 j 12:58	3° $\text{𐌆}$ 38'34	-1°43'06	superior conj	-3367 Jan 01 j 11:56	16° $\text{𐌆}$ 25'01	-1°54'02
minimum elong	-3368 Jan 19 j 15:57	3° $\text{𐌆}$ 53'10	1°42'57	minimum elong	-3367 Jan 01 j 13:26	16° $\text{𐌆}$ 31'59	1°54'07
evening rise	-3368 Jan 27 j 20:53	20° $\text{𐌆}$ 18'09			-3367 Jan 08 j 14:22	0° $\text{𐌆}$	
asc. node	-3368 Feb 01 j 08:31	29° $\text{𐌆}$ 05'43		evening rise	-3367 Jan 10 j 16:05	4° $\text{𐌆}$ 01'19	
	-3368 Feb 01 j 20:01	0° $\text{𐌆}$		asc. node	-3367 Jan 18 j 05:33	18° $\text{𐌆}$ 08'02	
evening max el	-3368 Feb 14 j 01:00	18° $\text{𐌆}$ 01'00	19°27'34		-3367 Jan 26 j 15:21	0° $\text{𐌆}$	
retrograde	-3368 Feb 23 j 07:12	22° $\text{𐌆}$ 25'13		evening max el	-3367 Jan 27 j 01:13	0° $\text{𐌆}$ 24'19	18°41'06
evening set	-3368 Feb 25 j 14:40	22° $\text{𐌆}$ 09'59		retrograde	-3367 Feb 03 j 23:12	4° $\text{𐌆}$ 14'36	
inferior conj	-3368 Mar 04 j 23:30	18° $\text{𐌆}$ 03'38	2°26'15	evening set	-3367 Feb 06 j 10:15	3° $\text{𐌆}$ 53'45	
minimum elong	-3368 Mar 05 j 04:22	17° $\text{𐌆}$ 55'40	2°24'49		-3367 Feb 13 j 09:07	30° $\text{𐌆}$	
min. Earth dist.	-3368 Mar 07 j 17:10	16° $\text{𐌆}$ 17'07	0.56376 AU	inferior conj	-3367 Feb 14 j 01:32	29° $\text{𐌆}$ 29'06	3°29'49
morning rise	-3368 Mar 13 j 15:23	13° $\text{𐌆}$ 16'21		minimum elong	-3367 Feb 14 j 05:23	29° $\text{𐌆}$ 21'48	3°29'04
desc. node	-3368 Mar 14 j 09:32	13° $\text{𐌆}$ 02'01		min. Earth dist.	-3367 Feb 17 j 09:50	26° $\text{𐌆}$ 58'19	0.58063 AU
direct	-3368 Mar 18 j 05:38	12° $\text{𐌆}$ 28'16		morning rise	-3367 Feb 21 j 22:03	24° $\text{𐌆}$ 13'43	
morning max el	-3368 Apr 01 j 07:35	19° $\text{𐌆}$ 37'20	24°48'02	direct	-3367 Feb 27 j 17:05	22° $\text{𐌆}$ 50'40	
	-3368 Apr 10 j 01:36	0° $\text{𐌆}$		desc. node	-3367 Mar 01 j 06:39	22° $\text{𐌆}$ 56'44	
	-3368 Apr 26 j 23:31	0° $\text{𐌆}$			-3367 Mar 13 j 15:23	0° $\text{𐌆}$	
morning set	-3368 Apr 27 j 04:22	0° $\text{𐌆}$ 25'28		morning max el	-3367 Mar 13 j 23:36	0° $\text{𐌆}$ 19'43	26°15'06
asc. node	-3368 Apr 29 j 08:02	4° $\text{𐌆}$ 59'54			-3367 Apr 03 j 20:06	0° $\text{𐌆}$	
				morning set	-3367 Apr 11 j 15:53	15° $\text{𐌆}$ 25'47	
superior conj	-3368 May 04 j 04:53	15° $\text{𐌆}$ 32'57	0°48'55	asc. node	-3367 Apr 16 j 05:02	25° $\text{𐌆}$ 10'49	
minimum elong	-3368 May 04 j 02:54	15° $\text{𐌆}$ 22'10	0°48'34		-3367 Apr 18 j 09:57	0° $\text{𐌆}$	
max. Earth dist.	-3368 May 05 j 13:24	18° $\text{𐌆}$ 28'51	1.33084 AU	superior conj	-3367 Apr 18 j 16:14	0° $\text{𐌆}$ 34'24	0°25'36
evening rise	-3368 May 11 j 11:15	0° $\text{𐌆}$ 55'34		minimum elong	-3367 Apr 18 j 15:08	0° $\text{𐌆}$ 28'19	0°25'21
	-3368 May 11 j 00:23	0° $\text{𐌆}$		max. Earth dist.	-3367 Apr 19 j 01:36	1° $\text{𐌆}$ 25'35	1.32645 AU
	-3368 May 27 j 15:19	0° $\text{𐌆}$		evening rise	-3367 Apr 25 j 17:13	15° $\text{𐌆}$ 41'57	
desc. node	-3368 Jun 10 j 08:26	18° $\text{𐌆}$ 09'41			-3367 May 02 j 23:43	0° $\text{𐌆}$	
evening max el	-3368 Jun 12 j 22:31	20° $\text{𐌆}$ 47'16	27°22'07		-3367 May 23 j 04:24	0° $\text{𐌆}$	
retrograde	-3368 Jun 26 j 18:22	28° $\text{𐌆}$ 09'58		evening max el	-3367 May 26 j 02:49	3° $\text{𐌆}$ 00'35	26°50'46
evening set	-3368 Jul 03 j 21:34	25° $\text{𐌆}$ 40'45		desc. node	-3367 May 28 j 05:29	4° $\text{𐌆}$ 54'40	
min. Earth dist.	-3368 Jul 07 j 11:33	22° $\text{𐌆}$ 43'52	0.62593 AU	retrograde	-3367 Jun 09 j 02:52	10° $\text{𐌆}$ 19'55	
inferior conj	-3368 Jul 10 j 09:27	19° $\text{𐌆}$ 55'38	-4°03'37	evening set	-3367 Jun 15 j 20:41	8° $\text{𐌆}$ 20'06	
minimum elong	-3368 Jul 10 j 12:42	19° $\text{𐌆}$ 47'47	4°03'00	min. Earth dist.	-3367 Jun 19 j 16:19	5° $\text{𐌆}$ 38'13	0.60638 AU
morning rise	-3368 Jul 17 j 05:00	14° $\text{𐌆}$ 49'03		inferior conj	-3367 Jun 22 j 23:39	2° $\text{𐌆}$ 51'02	-4°21'59
direct	-3368 Jul 19 j 19:07	14° $\text{𐌆}$ 18'24		minimum elong	-3367 Jun 23 j 00:46	2° $\text{𐌆}$ 48'39	4°21'49
asc. node	-3368 Jul 26 j 07:26	17° $\text{𐌆}$ 33'06			-3367 Jun 26 j 14:37	30° $\text{𐌆}$	
morning max el	-3368 Jul 26 j 11:29	17° $\text{𐌆}$ 42'58	17°55'54	morning rise	-3367 Jun 30 j 06:41	28° $\text{𐌆}$ 05'43	
	-3368 Aug 04 j 06:49	0° $\text{𐌆}$		direct	-3367 Jul 02 j 19:26	27° $\text{𐌆}$ 40'37	
morning set	-3368 Aug 11 j 20:44	13° $\text{𐌆}$ 17'06			-3367 Jul 08 j 15:14	0° $\text{𐌆}$	
	-3368 Aug 21 j 09:05	0° $\text{𐌆}$		morning max el	-3367 Jul 09 j 23:53	1° $\text{𐌆}$ 11'37	18°07'36
superior conj	-3368 Aug 23 j 05:11	3° $\text{𐌆}$ 07'57	1°22'21	asc. node	-3367 Jul 13 j 04:30	4° $\text{𐌆}$ 50'23	
minimum elong	-3368 Aug 23 j 10:30	3° $\text{𐌆}$ 30'30	1°21'56	morning set	-3367 Jul 25 j 23:38	26° $\text{𐌆}$ 28'44	
max. Earth dist.	-3368 Aug 30 j 02:33	14° $\text{𐌆}$ 34'13	1.43120 AU		-3367 Jul 27 j 20:56	0° $\text{𐌆}$	
desc. node	-3368 Sep 06 j 07:49	26° $\text{𐌆}$ 04'56		superior conj	-3367 Aug 04 j 21:11	14° $\text{𐌆}$ 40'08	1°41'51

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3367 Aug 05 j 00:13	14° $\mathfrak{D}$ 53'38	1°41'47			-3366 Jul 19 j 21:37	0° $\mathfrak{D}$	
max. Earth dist.	-3367 Aug 12 j 10:57	27° $\mathfrak{D}$ 47'50	1.41453 AU	max. Earth dist.	-3366 Jul 25 j 14:11	10° $\mathfrak{D}$ 17'25	1.39519 AU	
	-3367 Aug 13 j 18:33	0° $\mathfrak{Q}$		evening rise	-3366 Jul 29 j 17:29	17° $\mathfrak{D}$ 25'58		
evening rise	-3367 Aug 17 j 23:42	6° $\mathfrak{Q}$ 54'28			-3366 Aug 06 j 10:06	0° $\mathfrak{Q}$		
desc. node	-3367 Aug 24 j 04:47	16° $\mathfrak{Q}$ 42'40		desc. node	-3366 Aug 11 j 01:44	7° $\mathfrak{Q}$ 11'06		
	-3367 Sep 02 j 01:28	0° $\mathfrak{R}$			-3366 Aug 27 j 12:36	0° $\mathfrak{R}$		
evening max el	-3367 Sep 20 j 10:17	23° $\mathfrak{R}$ 46'24	22°36'58	evening max el	-3366 Sep 02 j 22:49	7° $\mathfrak{R}$ 13'52	23°57'38	
retrograde	-3367 Sep 30 j 04:15	29° $\mathfrak{R}$ 33'34		retrograde	-3366 Sep 13 j 19:45	13° $\mathfrak{R}$ 38'14		
evening set	-3367 Oct 04 j 19:58	27° $\mathfrak{R}$ 39'47		evening set	-3366 Sep 19 j 01:55	11° $\mathfrak{R}$ 25'01		
asc. node	-3367 Oct 09 j 03:34	22° $\mathfrak{R}$ 44'28		inferior conj	-3366 Sep 24 j 09:53	5° $\mathfrak{R}$ 05'39	-0°33'11	
inferior conj	-3367 Oct 10 j 03:31	21° $\mathfrak{R}$ 22'10	0°20'33	minimum elong	-3366 Sep 24 j 10:40	5° $\mathfrak{R}$ 03'00	0°32'47	
minimum elong	-3367 Oct 10 j 03:03	21° $\mathfrak{R}$ 23'49	0°20'22	min. Earth dist.	-3366 Sep 23 j 21:21	5° $\mathfrak{R}$ 48'15	0.67363 AU	
min. Earth dist.	-3367 Oct 10 j 01:17	21° $\mathfrak{R}$ 29'53	0.67457 AU	asc. node	-3366 Sep 26 j 00:39	2° $\mathfrak{R}$ 56'23		
morning rise	-3367 Oct 15 j 10:00	15° $\mathfrak{R}$ 09'11			-3366 Sep 28 j 14:17	30° $\mathfrak{R}$ $\mathfrak{Q}$		
direct	-3367 Oct 19 j 21:46	13° $\mathfrak{R}$ 20'22		morning rise	-3366 Sep 29 j 19:24	28° $\mathfrak{Q}$ 57'27		
morning max el	-3367 Oct 29 j 04:59	18° $\mathfrak{R}$ 51'28	22°07'37	direct	-3366 Oct 03 j 17:53	27° $\mathfrak{Q}$ 29'29		
	-3367 Nov 07 j 10:04	0° $\mathfrak{A}$			-3366 Oct 09 j 10:52	0° $\mathfrak{R}$		
desc. node	-3367 Nov 20 j 04:29	18° $\mathfrak{A}$ 19'23		morning max el	-3366 Oct 11 j 23:41	2° $\mathfrak{R}$ 19'17	20°49'04	
	-3367 Nov 27 j 18:28	0° $\mathfrak{M}$			-3366 Nov 01 j 07:49	0° $\mathfrak{A}$		
morning set	-3367 Dec 01 j 00:12	5° $\mathfrak{M}$ 09'19		desc. node	-3366 Nov 07 j 01:26	8° $\mathfrak{A}$ 44'10		
max. Earth dist.	-3367 Dec 06 j 22:49	14° $\mathfrak{M}$ 54'35	1.41155 AU	morning set	-3366 Nov 10 j 04:04	13° $\mathfrak{A}$ 33'07		
				max. Earth dist.	-3366 Nov 19 j 04:31	27° $\mathfrak{A}$ 52'21	1.42938 AU	
superior conj	-3367 Dec 14 j 16:07	28° $\mathfrak{M}$ 13'17	-1°54'50		-3366 Nov 20 j 11:54	0° $\mathfrak{M}$		
minimum elong	-3367 Dec 14 j 14:35	28° $\mathfrak{M}$ 06'28	1°54'55					
	-3367 Dec 15 j 16:06	0° $\mathfrak{X}$		superior conj	-3366 Nov 25 j 19:52	8° $\mathfrak{M}$ 49'55	-1°41'33	
evening rise	-3367 Dec 25 j 00:34	17° $\mathfrak{X}$ 08'57		minimum elong	-3366 Nov 25 j 14:26	8° $\mathfrak{M}$ 27'07	1°41'14	
	-3366 Jan 01 j 01:47	0° $\mathfrak{Z}$		evening rise	-3366 Dec 07 j 18:27	29° $\mathfrak{M}$ 32'57		
asc. node	-3366 Jan 05 j 02:37	6° $\mathfrak{Z}$ 35'51			-3366 Dec 08 j 00:33	0° $\mathfrak{X}$		
evening max el	-3366 Jan 10 j 08:23	13° $\mathfrak{Z}$ 13'26	18°14'42	asc. node	-3366 Dec 22 j 23:41	24° $\mathfrak{X}$ 18'45		
retrograde	-3366 Jan 17 j 09:35	16° $\mathfrak{Z}$ 45'39		evening max el	-3366 Dec 24 j 19:41	26° $\mathfrak{X}$ 20'44	18°08'06	
evening set	-3366 Jan 19 j 23:54	16° $\mathfrak{Z}$ 17'49		retrograde	-3366 Dec 31 j 10:35	29° $\mathfrak{X}$ 48'30		
inferior conj	-3366 Jan 26 j 23:54	11° $\mathfrak{Z}$ 31'39	3°57'58	evening set	-3365 Jan 03 j 04:04	29° $\mathfrak{X}$ 12'46		
minimum elong	-3366 Jan 27 j 01:05	11° $\mathfrak{Z}$ 29'04	3°57'48	inferior conj	-3365 Jan 09 j 15:49	24° $\mathfrak{X}$ 05'29	3°58'48	
min. Earth dist.	-3366 Jan 30 j 07:16	8° $\mathfrak{Z}$ 38'13	0.60055 AU	minimum elong	-3365 Jan 09 j 14:37	24° $\mathfrak{X}$ 08'32	3°58'37	
morning rise	-3366 Feb 03 j 00:32	5° $\mathfrak{Z}$ 55'13		min. Earth dist.	-3365 Jan 12 j 12:49	21° $\mathfrak{X}$ 12'49	0.62039 AU	
direct	-3366 Feb 09 j 16:08	3° $\mathfrak{Z}$ 53'36		morning rise	-3365 Jan 16 j 00:06	18° $\mathfrak{X}$ 14'45		
desc. node	-3366 Feb 16 j 03:44	5° $\mathfrak{Z}$ 39'39		direct	-3365 Jan 23 j 00:53	15° $\mathfrak{X}$ 42'05		
morning max el	-3366 Feb 23 j 21:04	11° $\mathfrak{Z}$ 33'12	27°16'13	desc. node	-3365 Feb 03 j 00:49	20° $\mathfrak{X}$ 43'46		
	-3366 Mar 10 j 08:07	0° $\mathfrak{A}$		morning max el	-3365 Feb 06 j 00:48	23° $\mathfrak{X}$ 27'23	27°42'35	
	-3366 Mar 26 j 21:38	0° $\mathfrak{H}$			-3365 Feb 11 j 22:27	0° $\mathfrak{Z}$		
morning set	-3366 Mar 27 j 00:53	0° $\mathfrak{H}$ 16'49			-3365 Mar 03 j 12:32	0° $\mathfrak{A}$		
max. Earth dist.	-3366 Apr 02 j 15:02	14° $\mathfrak{H}$ 23'56	1.32542 AU	morning set	-3365 Mar 11 j 05:20	14° $\mathfrak{A}$ 51'28		
				max. Earth dist.	-3365 Mar 17 j 01:47	27° $\mathfrak{A}$ 09'45	1.32791 AU	
superior conj	-3366 Apr 03 j 03:55	15° $\mathfrak{H}$ 34'26	0°00'50		-3365 Mar 18 j 09:16	0° $\mathfrak{H}$		
minimum elong	-3366 Apr 03 j 03:53	15° $\mathfrak{H}$ 34'14	0°00'47					
behind sun begin	-3366 Apr 02 j 22:53	15° $\mathfrak{H}$ 06'51		superior conj	-3365 Mar 18 j 14:19	0° $\mathfrak{H}$ 27'24	-0°24'33	
behind sun end	-3366 Apr 03 j 08:53	16° $\mathfrak{H}$ 01'38		minimum elong	-3365 Mar 18 j 15:26	0° $\mathfrak{H}$ 33'27	0°24'23	
asc. node	-3366 Apr 03 j 02:02	15° $\mathfrak{H}$ 24'04		asc. node	-3365 Mar 20 j 23:02	5° $\mathfrak{H}$ 35'43		
	-3366 Apr 09 j 19:52	0° $\mathfrak{Y}$		evening rise	-3365 Mar 25 j 14:22	15° $\mathfrak{H}$ 34'05		
evening rise	-3366 Apr 10 j 02:54	0° $\mathfrak{Y}$ 37'05			-3365 Apr 01 j 20:22	0° $\mathfrak{Y}$		
	-3366 Apr 26 j 07:17	0° $\mathfrak{B}$		evening max el	-3365 Apr 19 j 16:59	25° $\mathfrak{Y}$ 23'35	24°23'36	
evening max el	-3366 May 08 j 00:30	14° $\mathfrak{B}$ 29'52	25°48'29		-3365 Apr 25 j 14:58	0° $\mathfrak{B}$		
desc. node	-3366 May 15 j 02:33	19° $\mathfrak{B}$ 49'47		desc. node	-3365 May 01 j 23:40	2° $\mathfrak{B}$ 18'17		
retrograde	-3366 May 22 j 02:21	21° $\mathfrak{B}$ 44'12		retrograde	-3365 May 03 j 14:55	2° $\mathfrak{B}$ 24'27		
evening set	-3366 May 27 j 22:25	20° $\mathfrak{B}$ 22'17		evening set	-3365 May 08 j 03:21	1° $\mathfrak{B}$ 38'32		
min. Earth dist.	-3366 Jun 01 j 12:53	17° $\mathfrak{B}$ 38'23	0.58597 AU		-3365 May 11 j 20:11	30° $\mathfrak{R}$ $\mathfrak{Y}$		
inferior conj	-3366 Jun 04 j 20:27	15° $\mathfrak{B}$ 13'15	-4°16'01	min. Earth dist.	-3365 May 14 j 04:47	28° $\mathfrak{Y}$ 37'12	0.56777 AU	
minimum elong	-3366 Jun 04 j 18:04	15° $\mathfrak{B}$ 17'37	4°15'44	inferior conj	-3365 May 16 j 21:17	26° $\mathfrak{Y}$ 54'34	-3°35'03	
morning rise	-3366 Jun 12 j 16:23	10° $\mathfrak{B}$ 50'00		minimum elong	-3365 May 16 j 15:40	27° $\mathfrak{Y}$ 03'35	3°33'52	
direct	-3366 Jun 15 j 04:38	10° $\mathfrak{B}$ 29'26		morning rise	-3365 May 25 j 07:07	22° $\mathfrak{Y}$ 49'41		
morning max el	-3366 Jun 23 j 06:57	14° $\mathfrak{B}$ 19'04	18°39'18	direct	-3365 May 27 j 19:02	22° $\mathfrak{Y}$ 32'43		
asc. node	-3366 Jun 30 j 01:32	22° $\mathfrak{B}$ 59'44		morning max el	-3365 Jun 06 j 05:54	26° $\mathfrak{Y}$ 55'58	19°31'29	
	-3366 Jul 04 j 04:07	0° $\mathfrak{I}$			-3365 Jun 09 j 02:58	0° $\mathfrak{B}$		
morning set	-3366 Jul 09 j 14:52	10° $\mathfrak{I}$ 17'59		asc. node	-3365 Jun 16 j 22:32	11° $\mathfrak{B}$ 48'54		
				morning set	-3365 Jun 23 j 14:52	24° $\mathfrak{B}$ 35'28		
superior conj	-3366 Jul 18 j 11:12	27° $\mathfrak{I}$ 19'21	1°48'49		-3365 Jun 26 j 07:28	0° $\mathfrak{I}$		
minimum elong	-3366 Jul 18 j 11:40	27° $\mathfrak{I}$ 21'32	1°48'56					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3365 Jul 01 j 17:30	10° $\Pi$ 49'03	1°46'04	minimum elong	-3364 Jun 14 j 09:02	24° $\mathcal{B}$ 43'40	1°35'56
minimum elong	-3365 Jul 01 j 16:06	10° $\Pi$ 42'10	1°46'07		-3364 Jun 16 j 23:34	0° $\Pi$	
max. Earth dist.	-3365 Jul 07 j 16:12	22° $\Pi$ 11'48	1.37585 AU	max. Earth dist.	-3364 Jun 18 j 23:52	3° $\Pi$ 59'11	1.35873 AU
evening rise	-3365 Jul 11 j 12:42	29° $\Pi$ 12'28		evening rise	-3364 Jun 23 j 04:58	12° $\Pi$ 03'04	
	-3365 Jul 11 j 23:24	0° $\mathfrak{S}$			-3364 Jul 03 j 10:49	0° $\mathfrak{S}$	
desc. node	-3365 Jul 28 j 22:44	27° $\mathfrak{S}$ 24'52		desc. node	-3364 Jul 14 j 19:47	17° $\mathfrak{S}$ 17'24	
	-3365 Jul 30 j 17:33	0° $\Omega$			-3364 Jul 24 j 19:18	0° $\Omega$	
evening max el	-3365 Aug 16 j 09:35	20° $\Omega$ 44'27	25°14'40	evening max el	-3364 Jul 28 j 20:45	4° $\Omega$ 17'04	26°20'03
retrograde	-3365 Aug 28 j 07:11	27° $\Omega$ 38'31		retrograde	-3364 Aug 10 j 13:52	11° $\Omega$ 29'38	
evening set	-3365 Sep 03 j 04:15	25° $\Omega$ 07'50		evening set	-3364 Aug 17 j 00:59	8° $\Omega$ 46'21	
min. Earth dist.	-3365 Sep 07 j 14:55	20° $\Omega$ 06'46	0.66958 AU	min. Earth dist.	-3364 Aug 21 j 03:39	4° $\Omega$ 23'02	0.66218 AU
inferior conj	-3365 Sep 08 j 14:18	18° $\Omega$ 50'15	-1°26'41	inferior conj	-3364 Aug 22 j 14:58	2° $\Omega$ 34'04	-2°18'07
minimum elong	-3365 Sep 08 j 16:21	18° $\Omega$ 43'34	1°25'46	minimum elong	-3364 Aug 22 j 18:06	2° $\Omega$ 24'22	2°16'54
asc. node	-3365 Sep 12 j 21:45	13° $\Omega$ 50'16			-3364 Aug 24 j 18:41	30° $\mathcal{R}$ $\mathfrak{S}$	
morning rise	-3365 Sep 14 j 04:31	12° $\Omega$ 49'46		morning rise	-3364 Aug 28 j 11:28	26° $\mathfrak{S}$ 44'29	
direct	-3365 Sep 17 j 15:50	11° $\Omega$ 39'55		asc. node	-3364 Aug 29 j 18:49	26° $\mathfrak{S}$ 07'54	
morning max el	-3365 Sep 25 j 01:40	15° $\Omega$ 55'42	19°42'27	direct	-3364 Aug 31 j 13:59	25° $\mathfrak{S}$ 49'24	
	-3365 Oct 05 j 19:45	0° $\mathfrak{M}$		morning max el	-3364 Sep 07 j 10:11	29° $\mathfrak{S}$ 39'40	18°50'44
morning set	-3365 Oct 20 j 02:56	21° $\mathfrak{M}$ 49'29			-3364 Sep 07 j 18:02	0° $\Omega$	
desc. node	-3365 Oct 24 j 22:22	29° $\mathfrak{M}$ 18'53			-3364 Sep 28 j 03:49	0° $\mathfrak{M}$	
	-3365 Oct 25 j 08:54	0° $\mathfrak{L}$		morning set	-3364 Sep 28 j 19:41	1° $\mathfrak{M}$ 03'04	
max. Earth dist.	-3365 Nov 01 j 16:45	11° $\mathfrak{L}$ 32'32	1.44214 AU	desc. node	-3364 Oct 10 j 19:21	20° $\mathfrak{M}$ 00'27	
superior conj	-3365 Nov 05 j 20:05	18° $\mathfrak{L}$ 09'28	-1°11'18	superior conj	-3364 Oct 14 j 23:25	26° $\mathfrak{M}$ 34'30	-0°26'22
minimum elong	-3365 Nov 05 j 12:55	17° $\mathfrak{L}$ 40'37	1°10'32	minimum elong	-3364 Oct 14 j 19:58	26° $\mathfrak{M}$ 20'55	0°25'55
	-3365 Nov 13 j 02:23	0° $\mathfrak{M}$		max. Earth dist.	-3364 Oct 14 j 09:43	25° $\mathfrak{M}$ 40'33	1.44830 AU
evening rise	-3365 Nov 19 j 17:06	11° $\mathfrak{M}$ 03'24			-3364 Oct 17 j 03:32	0° $\mathfrak{L}$	
	-3365 Dec 01 j 03:00	0° $\mathfrak{J}$		evening rise	-3364 Oct 30 j 16:24	21° $\mathfrak{L}$ 33'25	
evening max el	-3365 Dec 08 j 08:19	9° $\mathfrak{J}$ 38'56	18°20'33		-3364 Nov 04 j 22:06	0° $\mathfrak{M}$	
asc. node	-3365 Dec 09 j 20:46	11° $\mathfrak{J}$ 03'10		evening max el	-3364 Nov 20 j 19:43	23° $\mathfrak{M}$ 03'26	18°50'52
retrograde	-3365 Dec 14 j 21:37	13° $\mathfrak{J}$ 13'20		asc. node	-3364 Nov 25 j 17:51	26° $\mathfrak{M}$ 34'29	
evening set	-3365 Dec 17 j 19:09	12° $\mathfrak{J}$ 28'24		retrograde	-3364 Nov 27 j 14:56	26° $\mathfrak{M}$ 54'03	
inferior conj	-3365 Dec 23 j 21:21	7° $\mathfrak{J}$ 01'49	3°40'27	evening set	-3364 Nov 30 j 18:02	25° $\mathfrak{M}$ 58'06	
minimum elong	-3365 Dec 23 j 18:44	7° $\mathfrak{J}$ 09'11	3°39'55	inferior conj	-3364 Dec 06 j 12:58	20° $\mathfrak{M}$ 14'32	3°08'57
min. Earth dist.	-3365 Dec 26 j 04:02	4° $\mathfrak{J}$ 28'42	0.63798 AU	minimum elong	-3364 Dec 06 j 09:52	20° $\mathfrak{M}$ 24'02	3°08'04
morning rise	-3365 Dec 29 j 17:43	1° $\mathfrak{J}$ 01'15		min. Earth dist.	-3364 Dec 08 j 04:52	18° $\mathfrak{M}$ 12'33	0.65224 AU
	-3365 Dec 31 j 03:13	30° $\mathcal{R}$ $\mathfrak{M}$		morning rise	-3364 Dec 12 j 01:22	14° $\mathfrak{M}$ 07'01	
direct	-3364 Jan 05 j 17:32	28° $\mathfrak{M}$ 11'58		direct	-3364 Dec 18 j 16:43	11° $\mathfrak{M}$ 16'15	
	-3364 Jan 11 j 20:08	0° $\mathfrak{J}$		morning max el	-3364 Dec 31 j 18:14	18° $\mathfrak{M}$ 51'34	26°50'51
morning max el	-3364 Jan 19 j 08:44	5° $\mathfrak{J}$ 57'00	27°32'46	desc. node	-3363 Jan 06 j 18:55	25° $\mathfrak{M}$ 34'51	
desc. node	-3364 Jan 20 j 21:52	7° $\mathfrak{J}$ 32'06			-3363 Jan 10 j 06:29	0° $\mathfrak{J}$	
	-3364 Feb 06 j 18:17	0° $\mathfrak{Z}$			-3363 Jan 29 j 17:25	0° $\mathfrak{Z}$	
morning set	-3364 Feb 23 j 02:43	29° $\mathfrak{Z}$ 00'47		morning set	-3363 Feb 05 j 13:41	12° $\mathfrak{Z}$ 33'43	
	-3364 Feb 23 j 14:38	0° $\approx$		max. Earth dist.	-3363 Feb 09 j 23:48	21° $\mathfrak{Z}$ 14'38	1.34495 AU
max. Earth dist.	-3364 Feb 28 j 05:52	9° $\approx$ 29'35	1.33424 AU				
superior conj	-3364 Mar 01 j 21:40	15° $\approx$ 07'08	-0°49'35	superior conj	-3363 Feb 13 j 23:52	29° $\mathfrak{Z}$ 26'26	-1°13'06
minimum elong	-3364 Mar 01 j 23:51	15° $\approx$ 18'49	0°49'15	minimum elong	-3363 Feb 14 j 02:52	29° $\mathfrak{Z}$ 42'01	1°12'44
asc. node	-3364 Mar 06 j 20:04	25° $\approx$ 41'40			-3363 Feb 14 j 06:19	0° $\approx$	
	-3364 Mar 08 j 20:46	0° $\mathfrak{H}$		evening rise	-3363 Feb 21 j 11:28	15° $\approx$ 07'53	
evening rise	-3364 Mar 09 j 01:49	0° $\mathfrak{H}$ 26'31		asc. node	-3363 Feb 21 j 17:06	15° $\approx$ 37'04	
	-3364 Mar 25 j 23:48	0° $\mathfrak{Y}$			-3363 Mar 01 j 02:06	0° $\mathfrak{H}$	
evening max el	-3364 Mar 31 j 09:26	6° $\mathfrak{Y}$ 05'35	22°49'31	evening max el	-3363 Mar 13 j 07:55	17° $\mathfrak{H}$ 01'35	21°19'32
retrograde	-3364 Apr 13 j 14:44	12° $\mathfrak{Y}$ 35'20		retrograde	-3363 Mar 25 j 04:51	22° $\mathfrak{H}$ 43'44	
evening set	-3364 Apr 16 j 20:13	12° $\mathfrak{Y}$ 12'32		evening set	-3363 Mar 27 j 16:03	22° $\mathfrak{H}$ 29'49	
desc. node	-3364 Apr 17 j 20:46	11° $\mathfrak{Y}$ 56'16		desc. node	-3363 Apr 04 j 17:53	19° $\mathfrak{H}$ 11'18	
min. Earth dist.	-3364 Apr 24 j 19:08	8° $\mathfrak{Y}$ 42'28	0.55531 AU	inferior conj	-3363 Apr 05 j 23:11	18° $\mathfrak{H}$ 30'14	-0°20'27
inferior conj	-3364 Apr 26 j 03:33	7° $\mathfrak{Y}$ 55'45	-2°13'03	minimum elong	-3363 Apr 05 j 22:14	18° $\mathfrak{H}$ 31'35	0°20'08
minimum elong	-3364 Apr 25 j 22:04	8° $\mathfrak{Y}$ 03'39	2°11'22	min. Earth dist.	-3363 Apr 06 j 09:02	18° $\mathfrak{H}$ 16'22	0.55136 AU
morning rise	-3364 May 05 j 02:06	3° $\mathfrak{Y}$ 58'57		morning rise	-3363 Apr 15 j 04:22	14° $\mathfrak{H}$ 25'36	
direct	-3364 May 07 j 16:00	3° $\mathfrak{Y}$ 43'15		direct	-3363 Apr 18 j 04:13	14° $\mathfrak{H}$ 06'00	
morning max el	-3364 May 18 j 18:31	8° $\mathfrak{Y}$ 54'07	20°43'39	morning max el	-3363 Apr 30 j 20:13	20° $\mathfrak{H}$ 09'45	22°12'53
	-3364 Jun 02 j 05:17	0° $\mathfrak{B}$			-3363 May 08 j 23:55	0° $\mathfrak{Y}$	
asc. node	-3364 Jun 02 j 19:34	1° $\mathfrak{B}$ 08'26		asc. node	-3363 May 20 j 16:36	20° $\mathfrak{Y}$ 49'53	
morning set	-3364 Jun 06 j 20:58	9° $\mathfrak{B}$ 14'18		morning set	-3363 May 22 j 06:53	24° $\mathfrak{Y}$ 07'00	
					-3363 May 25 j 02:04	0° $\mathfrak{B}$	
superior conj	-3364 Jun 14 j 11:26	24° $\mathfrak{B}$ 55'55	1°36'03	superior conj	-3363 May 29 j 13:22	9° $\mathfrak{B}$ 28'11	1°20'41

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3363 May 29 j 10:42	9° $\text{C}$ 14'12	1°20'23	superior conj	-3362 May 13 j 20:34	24° $\text{Y}$ 17'22	1°01'23
max. Earth dist.	-3363 Jun 01 j 17:09	16° $\text{C}$ 02'40	1.34501 AU	minimum elong	-3362 May 13 j 18:13	24° $\text{Y}$ 04'42	1°01'01
evening rise	-3363 Jun 06 j 12:49	25° $\text{C}$ 41'28		max. Earth dist.	-3362 May 15 j 19:55	28° $\text{Y}$ 30'42	1.33496 AU
	-3363 Jun 08 j 18:46	0° $\text{II}$			-3362 May 16 j 12:45	0° $\text{C}$	
	-3363 Jun 26 j 20:35	0° $\text{C}$		evening rise	-3362 May 21 j 07:49	9° $\text{C}$ 54'23	
desc. node	-3363 Jul 01 j 16:51	6° $\text{C}$ 38'27			-3362 Jun 01 j 03:28	0° $\text{II}$	
evening max el	-3363 Jul 11 j 08:24	17° $\text{C}$ 42'37	27°05'49	desc. node	-3362 Jun 18 j 13:53	25° $\text{II}$ 14'44	
retrograde	-3363 Jul 24 j 15:08	25° $\text{C}$ 03'32			-3362 Jun 22 j 22:50	0° $\text{C}$	
evening set	-3363 Jul 31 j 13:30	22° $\text{C}$ 15'54		evening max el	-3362 Jun 23 j 18:53	0° $\text{C}$ 49'01	27°24'59
min. Earth dist.	-3363 Aug 04 j 09:04	18° $\text{C}$ 30'29	0.65108 AU	retrograde	-3362 Jul 07 j 10:38	8° $\text{C}$ 12'04	
inferior conj	-3363 Aug 06 j 09:40	16° $\text{C}$ 12'08	-3°05'24	evening set	-3362 Jul 14 j 14:39	5° $\text{C}$ 31'46	
minimum elong	-3363 Aug 06 j 13:31	16° $\text{C}$ 01'10	3°04'11	min. Earth dist.	-3362 Jul 18 j 05:14	2° $\text{C}$ 20'09	0.63618 AU
morning rise	-3363 Aug 12 j 13:59	10° $\text{C}$ 36'52			-3362 Jul 20 j 11:48	30° $\text{R}$ $\text{II}$	
direct	-3363 Aug 15 j 10:03	9° $\text{C}$ 53'21		inferior conj	-3362 Jul 20 j 19:49	29° $\text{II}$ 39'15	-3°45'30
asc. node	-3363 Aug 16 j 15:53	10° $\text{C}$ 01'42		minimum elong	-3362 Jul 20 j 23:37	29° $\text{II}$ 29'28	3°44'36
morning max el	-3363 Aug 21 j 23:11	13° $\text{C}$ 26'35	18°15'32	morning rise	-3362 Jul 27 j 09:26	24° $\text{II}$ 21'35	
	-3363 Sep 02 j 15:04	0° $\text{Q}$		direct	-3362 Jul 30 j 01:11	23° $\text{II}$ 46'53	
morning set	-3363 Sep 09 j 15:51	11° $\text{Q}$ 37'00		asc. node	-3362 Aug 03 j 12:59	25° $\text{II}$ 26'00	
	-3363 Sep 20 j 22:10	0° $\text{M}$		morning max el	-3362 Aug 05 j 14:10	27° $\text{II}$ 11'46	17°57'49
					-3362 Aug 08 j 01:32	0° $\text{C}$	
superior conj	-3363 Sep 24 j 01:19	5° $\text{M}$ 00'19	0°23'03	morning set	-3362 Aug 22 j 13:30	23° $\text{C}$ 23'32	
minimum elong	-3363 Sep 24 j 04:10	5° $\text{M}$ 11'36	0°22'43		-3362 Aug 26 j 09:12	0° $\text{Q}$	
max. Earth dist.	-3363 Sep 27 j 04:16	9° $\text{M}$ 57'26	1.44707 AU				
desc. node	-3363 Sep 27 j 16:22	10° $\text{M}$ 45'12		superior conj	-3362 Sep 03 j 22:40	14° $\text{Q}$ 25'29	1°04'39
	-3363 Oct 09 j 23:20	0° $\text{C}$		minimum elong	-3362 Sep 04 j 04:20	14° $\text{Q}$ 48'49	1°04'05
evening rise	-3363 Oct 10 j 15:23	1° $\text{C}$ 02'31		max. Earth dist.	-3362 Sep 09 j 20:40	24° $\text{Q}$ 02'30	1.43875 AU
greatest brilliancy	-3363 Oct 22 j 12:58	19° $\text{C}$ 25'34	-0.7m		-3362 Sep 13 j 14:33	0° $\text{M}$	
	-3363 Oct 29 j 19:24	0° $\text{M}$		desc. node	-3362 Sep 14 j 13:19	1° $\text{M}$ 29'41	
evening max el	-3363 Nov 04 j 03:31	6° $\text{M}$ 30'22	19°37'40	evening rise	-3362 Sep 19 j 21:44	9° $\text{M}$ 50'11	
retrograde	-3363 Nov 11 j 11:30	10° $\text{M}$ 45'55			-3362 Oct 03 j 05:25	0° $\text{C}$	
asc. node	-3363 Nov 12 j 14:55	10° $\text{M}$ 38'23		evening max el	-3362 Oct 18 j 05:50	19° $\text{C}$ 56'41	20°39'00
evening set	-3363 Nov 14 j 22:05	9° $\text{M}$ 36'43		retrograde	-3362 Oct 26 j 08:52	24° $\text{C}$ 44'44	
inferior conj	-3363 Nov 20 j 11:42	3° $\text{M}$ 39'09	2°28'28	evening set	-3362 Oct 30 j 05:03	23° $\text{C}$ 19'54	
minimum elong	-3363 Nov 20 j 08:49	3° $\text{M}$ 48'33	2°27'27	asc. node	-3362 Oct 30 j 12:00	23° $\text{C}$ 06'34	
min. Earth dist.	-3363 Nov 21 j 14:03	2° $\text{M}$ 13'14	0.66280 AU	inferior conj	-3362 Nov 04 j 15:03	17° $\text{C}$ 11'38	1°41'46
	-3363 Nov 23 j 08:46	30° $\text{R}$ $\text{C}$		minimum elong	-3362 Nov 04 j 12:52	17° $\text{C}$ 19'02	1°40'54
morning rise	-3363 Nov 25 j 19:20	27° $\text{C}$ 26'49		min. Earth dist.	-3362 Nov 05 j 05:27	16° $\text{C}$ 22'45	0.66984 AU
direct	-3363 Dec 01 j 21:35	24° $\text{C}$ 46'31		morning rise	-3362 Nov 09 j 20:32	10° $\text{C}$ 56'49	
	-3363 Dec 12 j 00:56	0° $\text{M}$		direct	-3362 Nov 15 j 07:43	8° $\text{C}$ 34'19	
morning max el	-3363 Dec 14 j 03:29	2° $\text{M}$ 00'21	25°44'31	morning max el	-3362 Nov 26 j 12:13	15° $\text{C}$ 14'29	24°23'05
desc. node	-3363 Dec 24 j 15:59	14° $\text{M}$ 30'19			-3362 Dec 08 j 15:23	0° $\text{M}$	
	-3362 Jan 04 j 09:34	0° $\text{X}$		desc. node	-3362 Dec 11 j 13:00	4° $\text{M}$ 02'30	
morning set	-3362 Jan 19 j 09:47	25° $\text{X}$ 17'16			-3362 Dec 28 j 07:57	0° $\text{X}$	
	-3362 Jan 21 j 22:40	0° $\text{C}$		morning set	-3361 Jan 01 j 09:12	6° $\text{X}$ 54'58	
max. Earth dist.	-3362 Jan 23 j 06:18	2° $\text{C}$ 30'00	1.36016 AU	max. Earth dist.	-3361 Jan 05 j 03:57	13° $\text{X}$ 37'20	1.37912 AU
superior conj	-3362 Jan 28 j 18:20	13° $\text{C}$ 17'36	-1°33'32	superior conj	-3361 Jan 12 j 01:35	26° $\text{X}$ 30'16	-1°48'45
minimum elong	-3362 Jan 28 j 21:35	13° $\text{C}$ 33'53	1°33'16	minimum elong	-3361 Jan 12 j 04:06	26° $\text{X}$ 42'25	1°48'43
evening rise	-3362 Feb 05 j 17:25	29° $\text{C}$ 32'07			-3361 Jan 13 j 20:53	0° $\text{C}$	
	-3362 Feb 05 j 22:54	0° $\text{C}$		evening rise	-3361 Jan 20 j 17:17	13° $\text{C}$ 31'57	
asc. node	-3362 Feb 08 j 14:09	5° $\text{C}$ 16'56		asc. node	-3361 Jan 26 j 11:11	24° $\text{C}$ 34'44	
evening max el	-3362 Feb 23 j 16:18	28° $\text{C}$ 29'16	20°03'11		-3361 Jan 29 j 13:27	0° $\text{C}$	
	-3362 Feb 25 j 09:53	0° $\text{X}$		evening max el	-3361 Feb 06 j 11:07	10° $\text{C}$ 32'41	19°05'18
retrograde	-3362 Mar 05 j 20:55	3° $\text{X}$ 20'05		retrograde	-3361 Feb 15 j 02:33	14° $\text{C}$ 41'02	
evening set	-3362 Mar 08 j 03:30	3° $\text{X}$ 06'40		evening set	-3361 Feb 17 j 11:19	14° $\text{C}$ 23'46	
	-3362 Mar 15 j 10:24	30° $\text{R}$ $\text{C}$		inferior conj	-3361 Feb 25 j 12:31	10° $\text{C}$ 10'08	2°57'53
inferior conj	-3362 Mar 16 j 22:07	29° $\text{C}$ 06'29	1°32'44	minimum elong	-3361 Feb 25 j 17:19	10° $\text{C}$ 01'46	2°56'40
minimum elong	-3362 Mar 17 j 01:53	29° $\text{C}$ 00'45	1°31'27	min. Earth dist.	-3361 Feb 28 j 14:25	8° $\text{C}$ 02'37	0.57028 AU
min. Earth dist.	-3362 Mar 18 j 23:04	27° $\text{C}$ 52'29	0.55678 AU	morning rise	-3361 Mar 05 j 20:35	5° $\text{C}$ 09'54	
desc. node	-3362 Mar 22 j 14:59	25° $\text{C}$ 52'57		desc. node	-3361 Mar 09 j 12:06	4° $\text{C}$ 13'32	
morning rise	-3362 Mar 25 j 22:18	24° $\text{C}$ 37'20		direct	-3361 Mar 10 j 23:18	4° $\text{C}$ 08'24	
direct	-3362 Mar 29 j 19:46	24° $\text{C}$ 04'00		morning max el	-3361 Mar 25 j 04:46	11° $\text{C}$ 27'56	25°27'33
	-3362 Apr 11 j 14:41	0° $\text{X}$			-3361 Apr 08 j 09:52	0° $\text{X}$	
morning max el	-3362 Apr 12 j 13:47	0° $\text{X}$ 53'15	23°51'47	morning set	-3361 Apr 21 j 06:51	24° $\text{X}$ 09'09	
	-3362 May 02 j 06:51	0° $\text{Y}$		asc. node	-3361 Apr 24 j 10:41	0° $\text{Y}$ 53'54	
morning set	-3362 May 06 j 18:45	9° $\text{Y}$ 07'27			-3361 Apr 24 j 00:42	0° $\text{Y}$	
asc. node	-3362 May 07 j 13:39	10° $\text{Y}$ 46'58					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3361 Apr 28 j 06:55	9°♈15'50	0°39'15	minimum elong	-3360 Apr 11 j 17:55	24°♋13'23	0°15'03
minimum elong	-3361 Apr 28 j 05:16	9°♈06'51	0°38'56	behind sun begin	-3360 Apr 11 j 16:25	24°♋05'13	
max. Earth dist.	-3361 Apr 29 j 05:27	11°♈18'30	1.32848 AU	behind sun end	-3360 Apr 11 j 19:24	24°♋21'33	
evening rise	-3361 May 05 j 10:32	24°♈30'36		max. Earth dist.	-3360 Apr 11 j 18:22	24°♋15'50	1.32551 AU
	-3361 May 08 j 03:47	0°♉			-3360 Apr 14 j 09:21	0°♈	
	-3361 May 25 j 20:21	0°♊		evening rise	-3360 Apr 18 j 18:18	9°♈21'02	
desc. node	-3361 Jun 05 j 10:56	12°♊47'36			-3360 Apr 29 j 13:00	0°♉	
evening max el	-3361 Jun 06 j 01:53	13°♊23'53	27°12'47	evening max el	-3360 May 18 j 03:22	25°♉18'01	26°27'51
retrograde	-3361 Jun 19 j 23:48	20°♊46'04		desc. node	-3360 May 22 j 08:01	28°♉49'58	
evening set	-3361 Jun 27 j 00:34	18°♊27'26			-3360 May 24 j 01:54	0°♊	
min. Earth dist.	-3361 Jun 30 j 15:28	15°♊39'10	0.61784 AU	retrograde	-3360 Jun 01 j 05:07	2°♊36'29	
inferior conj	-3361 Jul 03 j 18:18	12°♊48'39	-4°13'47	evening set	-3360 Jun 07 j 14:55	0°♊52'22	
minimum elong	-3361 Jul 03 j 20:51	12°♊42'50	4°13'23		-3360 Jun 09 j 02:50	30°♋♊	
morning rise	-3361 Jul 10 j 18:37	7°♊51'16		min. Earth dist.	-3360 Jun 11 j 16:36	28°♋11'31	0.59752 AU
direct	-3361 Jul 13 j 07:56	7°♊23'15		inferior conj	-3360 Jun 15 j 01:30	25°♋30'52	-4°23'07
morning max el	-3361 Jul 20 j 04:25	10°♊49'06	17°58'31	minimum elong	-3360 Jun 15 j 01:16	25°♋31'21	4°23'01
asc. node	-3361 Jul 21 j 10:04	12°♊06'46		morning rise	-3360 Jun 22 j 13:52	20°♋55'04	
	-3361 Aug 01 j 22:00	0°♋		direct	-3360 Jun 25 j 02:10	20°♋32'08	
morning set	-3361 Aug 05 j 07:18	6°♋08'21		morning max el	-3360 Jul 02 j 14:55	24°♋09'53	18°18'38
				asc. node	-3360 Jul 07 j 07:07	29°♋47'45	
superior conj	-3361 Aug 15 j 23:40	25°♋13'20	1°32'19		-3360 Jul 07 j 10:31	0°♌	
minimum elong	-3361 Aug 16 j 04:09	25°♋32'48	1°32'03	morning set	-3360 Jul 18 j 15:58	19°♌37'14	
	-3361 Aug 18 j 18:30	0°♍			-3360 Jul 24 j 03:33	0°♋	
max. Earth dist.	-3361 Aug 23 j 07:54	7°♍37'23	1.42456 AU				
evening rise	-3361 Aug 30 j 05:32	18°♍44'27		superior conj	-3360 Jul 28 j 01:45	7°♋16'01	1°46'09
desc. node	-3361 Sep 01 j 10:16	22°♍11'09		minimum elong	-3360 Jul 28 j 03:39	7°♋24'39	1°46'12
	-3361 Sep 06 j 12:16	0°♎		max. Earth dist.	-3360 Aug 04 j 13:24	20°♋30'38	1.40644 AU
	-3361 Sep 28 j 00:22	0°♏		evening rise	-3360 Aug 09 j 08:32	28°♋33'43	
evening max el	-3361 Oct 01 j 01:59	3°♏22'28	21°51'42		-3360 Aug 10 j 05:36	0°♎	
retrograde	-3361 Oct 10 j 05:03	8°♏48'02		desc. node	-3360 Aug 18 j 07:14	12°♏45'36	
evening set	-3361 Oct 14 j 13:00	7°♏05'24			-3360 Aug 30 j 02:09	0°♎	
asc. node	-3361 Oct 17 j 09:05	4°♏09'28		evening max el	-3360 Sep 12 j 16:50	16°♎49'06	23°11'15
inferior conj	-3361 Oct 19 j 21:00	0°♏50'05	0°50'59	retrograde	-3360 Sep 22 j 22:33	22°♎52'47	
minimum elong	-3361 Oct 19 j 19:50	0°♏54'06	0°50'30	evening set	-3360 Sep 27 j 20:09	20°♎50'58	
min. Earth dist.	-3361 Oct 20 j 00:41	0°♏37'20	0.67371 AU	inferior conj	-3360 Oct 03 j 03:42	14°♎32'11	-0°02'08
	-3361 Oct 20 j 11:31	30°♋♎		minimum elong	-3360 Oct 03 j 03:45	14°♎32'01	0°02'05
morning rise	-3361 Oct 25 j 02:32	24°♎35'23		transit middle	-3360 Oct 03 j 03:45	14°♎32'01	0°02'05
direct	-3361 Oct 29 j 22:32	22°♎34'01		transit begin	-3360 Oct 03 j 01:04	14°♎41'14	
morning max el	-3361 Nov 08 j 22:18	28°♎31'30	22°56'18	transit end	-3360 Oct 03 j 06:26	14°♎22'48	
	-3361 Nov 10 j 08:02	0°♏		min. Earth dist.	-3360 Oct 02 j 21:11	14°♎54'35	0.67457 AU
desc. node	-3361 Nov 28 j 09:59	24°♏00'53		asc. node	-3360 Oct 03 j 06:11	14°♎23'38	
	-3361 Dec 02 j 09:39	0°♐		morning rise	-3360 Oct 08 j 11:14	8°♎20'36	
morning set	-3361 Dec 13 j 05:55	17°♐12'14		direct	-3360 Oct 12 j 17:10	6°♎40'43	
max. Earth dist.	-3361 Dec 17 j 23:39	25°♐11'02	1.39990 AU	morning max el	-3360 Oct 21 j 12:57	11°♎53'43	21°32'50
	-3361 Dec 20 j 18:13	0°♑			-3360 Nov 04 j 15:20	0°♏	
				desc. node	-3360 Nov 14 j 06:56	14°♏17'32	
superior conj	-3361 Dec 25 j 17:10	8°♑53'13	-1°55'51	morning set	-3360 Nov 21 j 22:09	26°♏08'07	
minimum elong	-3361 Dec 25 j 17:34	8°♑55'01	1°55'58		-3360 Nov 24 j 08:23	0°♐	
evening rise	-3360 Jan 04 j 08:20	27°♑00'37		max. Earth dist.	-3360 Nov 29 j 00:42	7°♐36'38	1.41966 AU
	-3360 Jan 05 j 22:02	0°♒					
asc. node	-3360 Jan 13 j 08:12	13°♒23'17		superior conj	-3360 Dec 06 j 11:37	20°♐12'40	-1°51'09
evening max el	-3360 Jan 20 j 14:36	23°♒07'39	18°27'25	minimum elong	-3360 Dec 06 j 08:25	19°♐58'50	1°51'06
retrograde	-3360 Jan 28 j 02:30	26°♒48'24			-3360 Dec 12 j 00:50	0°♑	
evening set	-3360 Jan 30 j 14:53	26°♒24'50		evening rise	-3360 Dec 17 j 11:04	9°♑50'22	
inferior conj	-3360 Feb 06 j 23:21	21°♒51'28	3°45'39		-3360 Dec 29 j 03:12	0°♒	
minimum elong	-3360 Feb 07 j 02:07	21°♒45'52	3°45'13	asc. node	-3360 Dec 30 j 05:14	1°♒33'29	
min. Earth dist.	-3360 Feb 10 j 08:59	19°♒07'42	0.58894 AU	evening max el	-3359 Jan 02 j 23:58	6°♒06'00	18°09'34
morning rise	-3360 Feb 14 j 11:05	16°♒25'53		retrograde	-3359 Jan 09 j 19:27	9°♒34'24	
direct	-3360 Feb 20 j 16:13	14°♒45'49		evening set	-3359 Jan 12 j 11:10	9°♒03'15	
desc. node	-3360 Feb 24 j 09:12	15°♒20'24		inferior conj	-3359 Jan 19 j 05:37	4°♒08'12	4°01'08
morning max el	-3360 Mar 05 j 22:44	22°♒21'05	26°44'56	minimum elong	-3359 Jan 19 j 05:41	4°♒08'03	4°01'00
	-3360 Mar 12 j 17:20	0°♓		min. Earth dist.	-3359 Jan 22 j 09:30	1°♒12'17	0.60920 AU
	-3360 Mar 31 j 05:32	0°♈			-3359 Jan 23 j 19:23	30°♋♑	
morning set	-3360 Apr 04 j 17:27	9°♈05'42		morning rise	-3359 Jan 25 j 22:47	28°♑25'17	
asc. node	-3360 Apr 10 j 07:41	21°♈06'00		direct	-3359 Feb 01 j 19:55	26°♑08'41	
				desc. node	-3359 Feb 10 j 06:18	29°♑07'58	
superior conj	-3360 Apr 11 j 18:35	24°♈17'04	0°15'13		-3359 Feb 11 j 11:51	0°♒	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3359 Feb 15 j 22:45	3° $\text{Z}$ 51'07	27°31'52	desc. node	-3358 Jan 28 j 03:22	15° $\text{Z}$ 00'46	
	-3359 Mar 07 j 06:56	0° $\approx$		morning max el	-3358 Jan 29 j 04:30	16° $\text{Z}$ 01'09	27°42'46
morning set	-3359 Mar 20 j 00:47	23° $\approx$ 50'54			-3358 Feb 09 j 17:56	0° $\text{Z}$	
	-3359 Mar 22 j 23:12	0° $\text{X}$			-3358 Feb 27 j 21:23	0° $\approx$	
max. Earth dist.	-3359 Mar 26 j 07:05	7° $\text{X}$ 10'41	1.32601 AU	morning set	-3358 Mar 04 j 02:34	8° $\approx$ 15'48	
				max. Earth dist.	-3358 Mar 09 j 15:38	19° $\approx$ 47'46	1.33015 AU
superior conj	-3359 Mar 27 j 05:57	9° $\text{X}$ 15'20	-0°09'56				
minimum elong	-3359 Mar 27 j 06:24	9° $\text{X}$ 17'47	0°09'52	superior conj	-3358 Mar 11 j 15:16	24° $\approx$ 03'25	-0°35'17
behind sun begin	-3359 Mar 27 j 02:26	8° $\text{X}$ 56'06		minimum elong	-3358 Mar 11 j 16:51	24° $\approx$ 11'59	0°35'01
behind sun end	-3359 Mar 27 j 10:22	9° $\text{X}$ 39'29			-3358 Mar 14 j 09:10	0° $\text{X}$	
asc. node	-3359 Mar 28 j 04:40	11° $\text{X}$ 19'25		asc. node	-3358 Mar 15 j 01:40	1° $\text{X}$ 29'13	
evening rise	-3359 Apr 03 j 04:59	24° $\text{X}$ 18'25		evening rise	-3358 Mar 18 j 16:40	9° $\text{X}$ 14'31	
	-3359 Apr 05 j 23:06	0° $\text{Y}$			-3358 Mar 29 j 13:22	0° $\text{Y}$	
	-3359 Apr 24 j 01:44	0° $\text{B}$		evening max el	-3358 Apr 11 j 14:27	17° $\text{Y}$ 16'43	23°43'50
evening max el	-3359 Apr 29 j 22:46	6° $\text{B}$ 31'36	25°14'35	retrograde	-3358 Apr 25 j 06:42	24° $\text{Y}$ 06'14	
desc. node	-3359 May 09 j 05:07	12° $\text{B}$ 47'41		desc. node	-3358 Apr 26 j 02:14	24° $\text{Y}$ 04'45	
retrograde	-3359 May 14 j 00:05	13° $\text{B}$ 41'09		evening set	-3358 Apr 29 j 05:26	23° $\text{Y}$ 31'54	
evening set	-3359 May 19 j 07:19	12° $\text{B}$ 35'51		min. Earth dist.	-3358 May 06 j 01:38	20° $\text{Y}$ 20'02	0.56163 AU
min. Earth dist.	-3359 May 24 j 11:00	9° $\text{B}$ 46'00	0.57772 AU	inferior conj	-3358 May 08 j 06:26	19° $\text{Y}$ 00'11	-3°05'13
inferior conj	-3359 May 27 j 14:03	7° $\text{B}$ 37'04	-4°03'34	minimum elong	-3358 May 08 j 00:17	19° $\text{Y}$ 09'32	3°03'38
minimum elong	-3359 May 27 j 10:06	7° $\text{B}$ 43'55	4°02'59	morning rise	-3358 May 16 j 22:02	15° $\text{Y}$ 00'32	
morning rise	-3359 Jun 04 j 15:46	3° $\text{B}$ 21'58		direct	-3358 May 19 j 10:34	14° $\text{Y}$ 44'22	
direct	-3359 Jun 07 j 03:50	3° $\text{B}$ 03'01		morning max el	-3358 May 29 j 13:27	19° $\text{Y}$ 25'57	19°59'53
morning max el	-3359 Jun 15 j 18:48	7° $\text{B}$ 05'25	18°58'58		-3358 Jun 06 j 19:51	0° $\text{B}$	
asc. node	-3359 Jun 24 j 04:10	18° $\text{B}$ 15'40		asc. node	-3358 Jun 11 j 01:12	7° $\text{B}$ 18'41	
	-3359 Jun 30 j 14:19	0° $\text{II}$		morning set	-3358 Jun 16 j 14:15	18° $\text{B}$ 07'15	
morning set	-3359 Jul 02 j 11:22	3° $\text{II}$ 39'54			-3358 Jun 22 j 10:22	0° $\text{II}$	
superior conj	-3359 Jul 10 j 23:21	20° $\text{II}$ 18'30	1°48'40	superior conj	-3358 Jun 24 j 11:05	4° $\text{II}$ 05'12	1°42'35
minimum elong	-3359 Jul 10 j 22:55	20° $\text{II}$ 16'26	1°48'48	minimum elong	-3358 Jun 24 j 09:10	3° $\text{II}$ 55'35	1°42'34
	-3359 Jul 16 j 03:31	0° $\text{D}$		max. Earth dist.	-3358 Jun 29 j 19:41	14° $\text{II}$ 33'07	1.36821 AU
max. Earth dist.	-3359 Jul 17 j 15:41	2° $\text{D}$ 44'06	1.38686 AU	evening rise	-3358 Jul 03 j 18:20	21° $\text{II}$ 53'18	
evening rise	-3359 Jul 21 j 13:34	9° $\text{D}$ 38'22			-3358 Jul 08 j 08:15	0° $\text{D}$	
	-3359 Aug 03 j 02:15	0° $\text{Q}$		desc. node	-3358 Jul 23 j 01:16	23° $\text{D}$ 14'27	
desc. node	-3359 Aug 05 j 04:13	3° $\text{Q}$ 08'40			-3358 Jul 27 j 21:57	0° $\text{Q}$	
	-3359 Aug 25 j 21:01	0° $\text{P}$		evening max el	-3358 Aug 08 j 15:21	13° $\text{Q}$ 50'52	25°44'22
evening max el	-3359 Aug 26 j 04:32	0° $\text{P}$ 18'48	24°31'18	retrograde	-3358 Aug 20 j 21:38	20° $\text{Q}$ 53'43	
retrograde	-3359 Sep 06 j 12:16	6° $\text{P}$ 56'12		evening set	-3358 Aug 27 j 01:03	18° $\text{Q}$ 16'41	
evening set	-3359 Sep 12 j 00:48	4° $\text{P}$ 35'22		min. Earth dist.	-3358 Aug 31 j 08:11	13° $\text{Q}$ 31'49	0.66689 AU
	-3359 Sep 16 j 02:28	30° $\text{R}$ Q		inferior conj	-3358 Sep 01 j 12:32	12° $\text{Q}$ 01'12	-1°48'51
min. Earth dist.	-3359 Sep 16 j 16:30	29° $\text{Q}$ 13'27	0.67238 AU	minimum elong	-3358 Sep 01 j 15:05	11° $\text{Q}$ 53'04	1°47'46
inferior conj	-3359 Sep 17 j 09:28	28° $\text{Q}$ 16'35	-0°55'57	morning rise	-3358 Sep 07 j 05:15	6° $\text{Q}$ 05'12	
minimum elong	-3359 Sep 17 j 10:48	28° $\text{Q}$ 12'09	0°55'20	asc. node	-3358 Sep 07 j 00:23	6° $\text{Q}$ 13'11	
asc. node	-3359 Sep 20 j 03:17	24° $\text{Q}$ 47'00		direct	-3358 Sep 10 j 12:36	5° $\text{Q}$ 02'02	
morning rise	-3359 Sep 22 j 20:47	22° $\text{Q}$ 11'15		morning max el	-3358 Sep 17 j 15:44	9° $\text{Q}$ 05'31	19°18'36
direct	-3359 Sep 26 j 14:21	20° $\text{Q}$ 51'09			-3358 Oct 02 j 17:55	0° $\text{P}$	
morning max el	-3359 Oct 04 j 10:42	25° $\text{Q}$ 25'01	20°18'59	morning set	-3358 Oct 11 j 01:23	12° $\text{P}$ 56'17	
	-3359 Oct 08 j 10:26	0° $\text{P}$		desc. node	-3358 Oct 19 j 00:51	25° $\text{P}$ 25'38	
	-3359 Oct 29 j 01:30	0° $\text{Q}$			-3358 Oct 21 j 22:42	0° $\text{Q}$	
morning set	-3359 Oct 31 j 20:55	4° $\text{Q}$ 20'08		max. Earth dist.	-3358 Oct 25 j 01:01	4° $\text{Q}$ 53'01	1.44565 AU
desc. node	-3359 Nov 01 j 03:53	4° $\text{Q}$ 47'09		superior conj	-3358 Oct 27 j 17:31	9° $\text{Q}$ 08'37	-0°53'36
max. Earth dist.	-3359 Nov 11 j 09:47	20° $\text{Q}$ 56'00	1.43564 AU	minimum elong	-3358 Oct 27 j 11:14	8° $\text{Q}$ 43'38	0°52'52
	-3359 Nov 16 j 23:42	0° $\text{M}$			-3358 Nov 09 j 15:03	0° $\text{M}$	
superior conj	-3359 Nov 17 j 03:44	0° $\text{M}$ 16'38	-1°30'49	evening rise	-3358 Nov 11 j 10:37	2° $\text{M}$ 59'38	
minimum elong	-3359 Nov 16 j 21:03	29° $\text{Q}$ 49'06	1°30'17		-3358 Nov 28 j 16:27	0° $\text{Z}$	
evening rise	-3359 Nov 29 j 21:20	21° $\text{M}$ 52'50		evening max el	-3358 Dec 01 j 00:37	2° $\text{Z}$ 40'50	18°31'13
	-3359 Dec 04 j 13:34	0° $\text{Z}$		asc. node	-3358 Dec 03 j 23:24	5° $\text{Z}$ 09'17	
asc. node	-3359 Dec 17 j 02:19	18° $\text{Z}$ 53'25		retrograde	-3358 Dec 07 j 15:35	6° $\text{Z}$ 21'16	
evening max el	-3359 Dec 17 j 12:13	19° $\text{Z}$ 19'01	18°11'07	evening set	-3358 Dec 10 j 15:16	5° $\text{Z}$ 31'51	
retrograde	-3359 Dec 24 j 01:16	22° $\text{Z}$ 48'05		inferior conj	-3358 Dec 16 j 14:06	29° $\text{M}$ 57'23	3°28'25
evening set	-3359 Dec 26 j 20:27	22° $\text{Z}$ 08'27		minimum elong	-3358 Dec 16 j 11:10	0° $\text{Z}$ 05'57	3°27'43
inferior conj	-3358 Jan 02 j 03:48	16° $\text{Z}$ 52'29	3°52'57		-3358 Dec 16 j 13:12	30° $\text{R}$ M	
minimum elong	-3358 Jan 02 j 01:52	16° $\text{Z}$ 57'37	3°52'37	min. Earth dist.	-3358 Dec 18 j 14:18	27° $\text{M}$ 36'44	0.64448 AU
min. Earth dist.	-3358 Jan 04 j 18:49	14° $\text{Z}$ 06'36	0.62828 AU	morning rise	-3358 Dec 22 j 06:37	23° $\text{M}$ 53'25	
morning rise	-3358 Jan 08 j 06:31	10° $\text{Z}$ 57'24		direct	-3358 Dec 29 j 03:23	21° $\text{M}$ 02'08	
direct	-3358 Jan 15 j 08:02	8° $\text{Z}$ 16'03		morning max el	-3357 Jan 11 j 13:41	28° $\text{M}$ 44'15	27°18'31

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3357 Jan 12 j 19:24	0°♊		minimum elong	-3357 Nov 30 j 06:00	13°♍25'48	2°51'44
desc. node	-3357 Jan 15 j 00:25	2°♊24'26		min. Earth dist.	-3357 Dec 01 j 19:04	11°♍28'56	0.65715 AU
	-3357 Feb 03 j 12:56	0°♋		morning rise	-3357 Dec 05 j 19:04	7°♍05'56	
morning set	-3357 Feb 15 j 20:00	22°♋11'22		direct	-3357 Dec 12 j 05:09	4°♍18'20	
	-3357 Feb 19 j 17:42	0°♌		morning max el	-3357 Dec 24 j 23:25	11°♍46'59	26°25'02
max. Earth dist.	-3357 Feb 20 j 16:03	1°♌54'48	1.33831 AU	desc. node	-3356 Jan 01 j 21:26	20°♍51'56	
					-3356 Jan 08 j 15:12	0°♊	
superior conj	-3357 Feb 23 j 20:41	8°♌35'14	-0°59'50		-3356 Jan 27 j 02:50	0°♋	
minimum elong	-3357 Feb 23 j 23:16	8°♌48'53	0°59'28	morning set	-3356 Jan 30 j 01:17	5°♋25'28	
asc. node	-3357 Mar 01 j 22:42	21°♌31'16		max. Earth dist.	-3356 Feb 03 j 04:59	13°♋25'15	1.35089 AU
evening rise	-3357 Mar 03 j 03:36	24°♌03'09					
	-3357 Mar 06 j 01:06	0°♌		superior conj	-3356 Feb 07 j 19:57	22°♋43'35	-1°22'15
evening max el	-3357 Mar 24 j 08:32	28°♌00'36	22°09'53	minimum elong	-3356 Feb 07 j 23:08	22°♋59'58	1°21'56
	-3357 Mar 26 j 15:02	0°♍			-3356 Feb 11 j 08:15	0°♌	
retrograde	-3357 Apr 06 j 01:49	4°♍12'14		evening rise	-3356 Feb 15 j 11:55	8°♌37'52	
evening set	-3357 Apr 08 j 21:38	3°♍54'32		asc. node	-3356 Feb 16 j 19:45	11°♌20'44	
desc. node	-3357 Apr 12 j 23:22	2°♍33'33			-3356 Feb 27 j 02:16	0°♌	
min. Earth dist.	-3357 Apr 17 j 15:27	0°♍07'59	0.55251 AU	evening max el	-3356 Mar 05 j 10:56	9°♌08'57	20°44'58
	-3357 Apr 17 j 21:06	30°♌		retrograde	-3356 Mar 16 j 15:26	14°♌29'05	
inferior conj	-3357 Apr 18 j 06:38	29°♌46'31	-1°27'29	evening set	-3356 Mar 18 j 22:58	14°♌16'17	
minimum elong	-3357 Apr 18 j 02:42	29°♌52'06	1°26'10	inferior conj	-3356 Mar 28 j 01:55	10°♌18'36	0°29'33
morning rise	-3357 Apr 27 j 09:13	25°♌49'01		minimum elong	-3356 Mar 28 j 03:16	10°♌16'39	0°29'02
direct	-3357 Apr 30 j 01:52	25°♌32'38		min. Earth dist.	-3356 Mar 29 j 05:41	9°♌38'38	0.55251 AU
	-3357 May 10 j 15:43	0°♍		desc. node	-3356 Mar 29 j 20:27	9°♌17'35	
morning max el	-3357 May 11 j 21:22	1°♍05'41	21°19'57	morning rise	-3356 Apr 06 j 06:29	6°♌04'44	
asc. node	-3357 May 28 j 22:13	26°♍48'09		direct	-3356 Apr 09 j 13:52	5°♌40'54	
	-3357 May 30 j 12:29	0°♎		morning max el	-3356 Apr 22 j 19:13	12°♌06'26	22°54'27
morning set	-3357 May 31 j 22:10	2°♎52'20			-3356 May 06 j 03:02	0°♍	
				asc. node	-3356 May 14 j 19:16	16°♍37'11	
superior conj	-3357 Jun 08 j 08:46	18°♎23'51	1°30'06	morning set	-3356 May 15 j 09:06	17°♍49'16	
minimum elong	-3357 Jun 08 j 06:11	18°♎10'28	1°29'53		-3356 May 21 j 02:35	0°♎	
max. Earth dist.	-3357 Jun 12 j 06:58	26°♎23'57	1.35238 AU				
	-3357 Jun 14 j 02:33	0°♏		superior conj	-3356 May 22 j 13:15	3°♎04'51	1°12'55
evening rise	-3357 Jun 16 j 17:44	5°♏05'18		minimum elong	-3356 May 22 j 10:40	2°♎51'05	1°12'34
	-3357 Jul 01 j 02:54	0°♏		max. Earth dist.	-3356 May 25 j 04:12	8°♎36'51	1.34022 AU
desc. node	-3357 Jul 09 j 22:20	12°♏54'55		evening rise	-3356 May 30 j 06:50	19°♎00'26	
evening max el	-3357 Jul 22 j 02:32	27°♏20'32	26°42'23		-3356 Jun 05 j 01:54	0°♏	
	-3357 Jul 25 j 01:28	0°♐			-3356 Jun 24 j 06:01	0°♏	
retrograde	-3357 Aug 04 j 02:10	4°♐38'24		desc. node	-3356 Jun 25 j 19:23	1°♏59'22	
evening set	-3357 Aug 10 j 18:38	1°♐51'40		evening max el	-3356 Jul 03 j 13:50	10°♏39'38	27°17'41
	-3357 Aug 12 j 17:45	30°♐		retrograde	-3356 Jul 17 j 01:18	18°♏02'54	
min. Earth dist.	-3357 Aug 14 j 17:58	27°♏44'58	0.65786 AU	evening set	-3356 Jul 24 j 02:46	15°♏16'45	
inferior conj	-3357 Aug 16 j 10:55	25°♏42'34	-2°38'54	min. Earth dist.	-3356 Jul 27 j 19:45	11°♏46'26	0.64510 AU
minimum elong	-3357 Aug 16 j 14:25	25°♏32'05	2°37'38	inferior conj	-3356 Jul 30 j 02:19	9°♏17'09	-3°23'36
morning rise	-3357 Aug 22 j 10:35	19°♏58'59		minimum elong	-3356 Jul 30 j 06:16	9°♏06'21	3°22'28
asc. node	-3357 Aug 24 j 21:29	19°♏10'53		morning rise	-3356 Aug 05 j 10:25	3°♏48'58	
direct	-3357 Aug 25 j 09:59	19°♏09'21		direct	-3356 Aug 08 j 04:16	3°♏09'39	
morning max el	-3357 Sep 01 j 02:30	22°♏51'28	18°33'45	asc. node	-3356 Aug 10 j 18:33	3°♏44'44	
	-3357 Sep 06 j 19:14	0°♑		morning max el	-3356 Aug 14 j 16:40	6°♏38'41	18°05'47
morning set	-3357 Sep 21 j 05:22	22°♑43'00			-3356 Aug 30 j 06:38	0°♑	
	-3357 Sep 25 j 17:57	0°♑		morning set	-3356 Sep 01 j 12:56	3°♑49'30	
desc. node	-3357 Oct 05 j 21:50	16°♑08'57					
				superior conj	-3356 Sep 15 j 01:33	26°♑11'46	0°42'11
superior conj	-3357 Oct 06 j 17:19	17°♑25'45	-0°05'12	minimum elong	-3356 Sep 15 j 06:11	26°♑30'26	0°41'39
minimum elong	-3357 Oct 06 j 16:37	17°♑23'03	0°05'04		-3356 Sep 17 j 10:26	0°♑	
behind sun begin	-3357 Oct 06 j 05:44	16°♑40'09		max. Earth dist.	-3356 Sep 19 j 12:15	3°♑18'21	1.44431 AU
behind sun end	-3357 Oct 07 j 03:31	18°♑05'57		desc. node	-3356 Sep 21 j 18:49	6°♑54'15	
max. Earth dist.	-3357 Oct 07 j 18:51	19°♑06'21	1.44859 AU	evening rise	-3356 Oct 01 j 13:31	22°♑09'49	
	-3357 Oct 14 j 16:59	0°♒			-3356 Oct 06 j 15:35	0°♒	
evening rise	-3357 Oct 22 j 23:20	13°♒02'56		greatest brilliancy	-3356 Oct 15 j 04:09	12°♒55'07	-0.6m
greatest brilliancy	-3357 Oct 31 j 19:17	27°♒00'45	-0.8m	evening max el	-3356 Oct 27 j 16:20	29°♒33'33	20°02'10
	-3357 Nov 02 j 17:16	0°♒			-3356 Oct 28 j 02:46	0°♒	
evening max el	-3357 Nov 14 j 10:41	16°♒06'31	19°08'48	retrograde	-3356 Nov 04 j 07:49	4°♒02'09	
asc. node	-3357 Nov 20 j 20:29	20°♒05'10		asc. node	-3356 Nov 06 j 17:34	3°♒28'36	
retrograde	-3357 Nov 21 j 10:43	20°♒07'10		evening set	-3356 Nov 07 j 22:09	2°♒46'46	
evening set	-3357 Nov 24 j 16:38	19°♒06'03			-3356 Nov 10 j 20:27	30°♒	
inferior conj	-3357 Nov 30 j 09:05	13°♒16'04	2°52'41	inferior conj	-3356 Nov 13 j 10:03	26°♒44'28	2°09'16



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3356 Nov 13 j 07:25	26° $\Omega$ 53'13	2°08'18	minimum elong	-3355 Oct 28 j 12:57	10° $\Omega$ 25'43	1°19'54
min. Earth dist.	-3356 Nov 14 j 07:14	25° $\Omega$ 34'01	0.66624 AU	min. Earth dist.	-3355 Oct 29 j 00:29	9° $\Omega$ 46'10	0.67189 AU
morning rise	-3356 Nov 18 j 16:27	20° $\Omega$ 30'42		morning rise	-3355 Nov 02 j 19:59	4° $\Omega$ 04'44	
direct	-3356 Nov 24 j 12:31	17° $\Omega$ 56'57		direct	-3355 Nov 08 j 00:46	1° $\Omega$ 50'52	
morning max el	-3356 Dec 06 j 08:09	24° $\Omega$ 58'09	25°11'01	morning max el	-3355 Nov 18 j 16:55	8° $\Omega$ 12'57	23°46'18
	-3356 Dec 10 j 22:03	0° $\mathbb{M}$		desc. node	-3355 Dec 05 j 15:27	29° $\Omega$ 49'24	
desc. node	-3356 Dec 18 j 18:27	10° $\mathbb{M}$ 04'39			-3355 Dec 05 j 18:23	0° $\mathbb{M}$	
	-3355 Jan 01 j 02:51	0° $\mathbb{A}$		morning set	-3355 Dec 24 j 02:05	28° $\mathbb{M}$ 48'38	
morning set	-3355 Jan 11 j 13:21	17° $\mathbb{A}$ 43'22			-3355 Dec 24 j 18:48	0° $\mathbb{A}$	
max. Earth dist.	-3355 Jan 15 j 06:36	24° $\mathbb{A}$ 31'27	1.36785 AU	max. Earth dist.	-3355 Dec 28 j 02:37	5° $\mathbb{A}$ 47'07	1.38790 AU
	-3355 Jan 18 j 04:04	0° $\mathbb{Z}$					
superior conj	-3355 Jan 21 j 10:08	6° $\mathbb{Z}$ 20'04	-1°40'47	superior conj	-3354 Jan 04 j 11:25	19° $\mathbb{A}$ 14'12	-1°52'58
minimum elong	-3355 Jan 21 j 13:13	6° $\mathbb{Z}$ 35'18	1°40'38	minimum elong	-3354 Jan 04 j 13:14	19° $\mathbb{A}$ 22'45	1°53'01
evening rise	-3355 Jan 29 j 15:34	22° $\mathbb{Z}$ 52'33		evening rise	-3354 Jan 10 j 01:57	0° $\mathbb{Z}$	
	-3355 Feb 02 j 05:57	0° $\approx$		asc. node	-3354 Jan 13 j 12:05	6° $\mathbb{Z}$ 40'47	
asc. node	-3355 Feb 02 j 16:46	0° $\approx$ 52'05			-3354 Jan 20 j 13:48	19° $\mathbb{Z}$ 59'00	
evening max el	-3355 Feb 16 j 00:01	20° $\approx$ 52'53	19°36'11		-3354 Jan 27 j 02:12	0° $\approx$	
retrograde	-3355 Feb 25 j 11:42	25° $\approx$ 23'24		evening max el	-3354 Jan 29 j 22:55	3° $\approx$ 11'37	18°46'42
evening set	-3355 Feb 27 j 18:52	25° $\approx$ 08'44		retrograde	-3354 Feb 07 j 01:02	7° $\approx$ 06'05	
inferior conj	-3355 Mar 08 j 06:19	21° $\approx$ 04'26	2°13'18	evening set	-3354 Feb 09 j 11:31	6° $\approx$ 46'12	
minimum elong	-3355 Mar 08 j 11:03	20° $\approx$ 56'53	2°11'51	inferior conj	-3354 Feb 17 j 05:18	2° $\approx$ 24'24	3°22'35
min. Earth dist.	-3355 Mar 10 j 20:17	19° $\approx$ 26'00	0.56170 AU	minimum elong	-3354 Feb 17 j 09:28	2° $\approx$ 16'40	3°21'42
desc. node	-3355 Mar 16 j 17:34	16° $\approx$ 27'54			-3354 Feb 20 j 11:54	30° $\mathbb{R}$ $\mathbb{Z}$	
morning rise	-3355 Mar 17 j 00:39	16° $\approx$ 21'58		min. Earth dist.	-3354 Feb 20 j 12:24	29° $\mathbb{Z}$ 59'08	0.57784 AU
direct	-3355 Mar 21 j 10:31	15° $\approx$ 38'09		morning rise	-3354 Feb 25 j 04:53	27° $\mathbb{Z}$ 12'47	
morning max el	-3355 Apr 04 j 10:44	22° $\approx$ 42'34	24°33'45	direct	-3354 Mar 02 j 19:54	25° $\mathbb{Z}$ 55'38	
	-3355 Apr 10 j 21:34	0° $\mathbb{H}$		desc. node	-3354 Mar 03 j 14:38	25° $\mathbb{Z}$ 57'08	
	-3355 Apr 28 j 12:24	0° $\mathbb{Y}$			-3354 Mar 13 j 04:13	0° $\approx$	
morning set	-3355 Apr 29 j 21:15	2° $\mathbb{Y}$ 51'04		morning max el	-3354 Mar 17 j 02:20	3° $\approx$ 22'18	26°03'31
asc. node	-3355 May 01 j 16:16	6° $\mathbb{Y}$ 39'09			-3354 Apr 05 j 04:54	0° $\mathbb{H}$	
superior conj	-3355 May 06 j 22:01	17° $\mathbb{Y}$ 59'02	0°52'17	morning set	-3354 Apr 14 j 08:57	17° $\mathbb{H}$ 51'53	
minimum elong	-3355 May 06 j 19:55	17° $\mathbb{Y}$ 47'41	0°51'55	asc. node	-3354 Apr 18 j 13:17	26° $\mathbb{H}$ 49'10	
max. Earth dist.	-3355 May 08 j 10:15	21° $\mathbb{Y}$ 14'36	1.33179 AU		-3354 Apr 20 j 00:17	0° $\mathbb{Y}$	
	-3355 May 12 j 13:33	0° $\mathbb{B}$		superior conj	-3354 Apr 21 j 09:09	2° $\mathbb{Y}$ 59'43	0°29'14
evening rise	-3355 May 14 j 05:31	3° $\mathbb{B}$ 25'03		minimum elong	-3354 Apr 21 j 07:53	2° $\mathbb{Y}$ 52'50	0°28'59
	-3355 May 28 j 20:36	0° $\mathbb{I}$		max. Earth dist.	-3354 Apr 21 j 21:55	4° $\mathbb{Y}$ 09'34	1.32689 AU
desc. node	-3355 Jun 12 j 16:26	20° $\mathbb{I}$ 11'44		evening rise	-3354 Apr 28 j 10:42	18° $\mathbb{Y}$ 08'54	
evening max el	-3355 Jun 15 j 23:21	23° $\mathbb{I}$ 34'59	27°23'55		-3354 May 04 j 10:03	0° $\mathbb{B}$	
	-3355 Jun 25 j 03:04	0° $\mathbb{E}$			-3354 May 23 j 17:32	0° $\mathbb{I}$	
retrograde	-3355 Jun 29 j 18:10	0° $\mathbb{E}$ 57'30		evening max el	-3354 May 29 j 04:22	5° $\mathbb{I}$ 53'49	26°57'28
	-3355 Jul 04 j 03:50	30° $\mathbb{R}$ $\mathbb{I}$		desc. node	-3354 May 30 j 13:30	7° $\mathbb{I}$ 10'02	
evening set	-3355 Jul 06 j 21:54	28° $\mathbb{I}$ 25'05		retrograde	-3354 Jun 12 j 03:47	13° $\mathbb{I}$ 13'45	
min. Earth dist.	-3355 Jul 10 j 11:52	25° $\mathbb{I}$ 24'42	0.62872 AU	evening set	-3354 Jun 18 j 23:53	11° $\mathbb{I}$ 08'38	
inferior conj	-3355 Jul 13 j 07:55	22° $\mathbb{I}$ 38'00	-3°59'20	min. Earth dist.	-3354 Jun 22 j 17:54	8° $\mathbb{I}$ 25'44	0.60941 AU
minimum elong	-3355 Jul 13 j 11:21	22° $\mathbb{I}$ 29'33	3°58'39	inferior conj	-3354 Jun 26 j 00:20	5° $\mathbb{I}$ 37'05	-4°20'34
morning rise	-3355 Jul 20 j 01:52	17° $\mathbb{I}$ 28'21		minimum elong	-3354 Jun 26 j 01:53	5° $\mathbb{I}$ 33'44	4°20'22
direct	-3355 Jul 22 j 16:23	16° $\mathbb{I}$ 56'40		morning rise	-3354 Jul 03 j 05:35	0° $\mathbb{I}$ 48'38	
asc. node	-3355 Jul 28 j 15:37	19° $\mathbb{I}$ 43'18		direct	-3354 Jul 05 j 18:30	0° $\mathbb{I}$ 22'46	
morning max el	-3355 Jul 29 j 07:35	20° $\mathbb{I}$ 20'58	17°55'45	morning max el	-3354 Jul 12 j 20:31	3° $\mathbb{I}$ 51'56	18°04'38
	-3355 Aug 05 j 12:27	0° $\mathbb{E}$		asc. node	-3354 Jul 15 j 12:41	6° $\mathbb{I}$ 51'21	
morning set	-3355 Aug 14 j 19:51	16° $\mathbb{E}$ 02'51		morning set	-3354 Jul 28 j 20:31	29° $\mathbb{I}$ 07'54	
	-3355 Aug 22 j 19:07	0° $\mathbb{Q}$			-3354 Jul 29 j 07:46	0° $\mathbb{E}$	
superior conj	-3355 Aug 26 j 10:22	6° $\mathbb{Q}$ 10'58	1°18'11	superior conj	-3354 Aug 07 j 22:37	17° $\mathbb{E}$ 32'06	1°39'45
minimum elong	-3355 Aug 26 j 15:53	6° $\mathbb{Q}$ 34'10	1°17'42	minimum elong	-3354 Aug 08 j 02:02	17° $\mathbb{E}$ 47'17	1°39'39
max. Earth dist.	-3355 Sep 02 j 02:44	17° $\mathbb{Q}$ 12'39	1.43337 AU		-3354 Aug 15 j 04:12	0° $\mathbb{Q}$	
desc. node	-3355 Sep 08 j 15:47	27° $\mathbb{Q}$ 38'00		max. Earth dist.	-3354 Aug 15 j 12:02	0° $\mathbb{Q}$ 32'45	1.41723 AU
	-3355 Sep 10 j 04:08	0° $\mathbb{P}$		evening rise	-3354 Aug 21 j 08:13	10° $\mathbb{Q}$ 06'26	
evening rise	-3355 Sep 10 j 17:55	0° $\mathbb{P}$ 53'37		desc. node	-3354 Aug 26 j 12:45	18° $\mathbb{Q}$ 16'58	
	-3355 Sep 30 j 07:15	0° $\mathbb{L}$			-3354 Sep 03 j 06:49	0° $\mathbb{P}$	
evening max el	-3355 Oct 10 j 16:09	13° $\mathbb{L}$ 00'11	21°08'52	evening max el	-3354 Sep 23 j 09:50	26° $\mathbb{P}$ 25'51	22°25'06
retrograde	-3355 Oct 19 j 04:45	18° $\mathbb{L}$ 03'13			-3354 Sep 27 j 11:58	0° $\mathbb{L}$	
evening set	-3355 Oct 23 j 05:45	16° $\mathbb{L}$ 31'03		retrograde	-3354 Oct 02 j 23:52	2° $\mathbb{L}$ 07'32	
asc. node	-3355 Oct 24 j 14:38	15° $\mathbb{L}$ 17'55		evening set	-3354 Oct 07 j 13:33	0° $\mathbb{L}$ 16'34	
inferior conj	-3355 Oct 28 j 14:43	10° $\mathbb{L}$ 19'38	1°20'38		-3354 Oct 07 j 21:21	30° $\mathbb{R}$ $\mathbb{P}$	
				asc. node	-3354 Oct 11 j 11:44	25° $\mathbb{P}$ 53'40	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3354 Oct 12 j 21:10	23° $\mathbb{M}$ 59'22	0°28'38	inferior conj	-3353 Sep 27 j 03:41	7° $\mathbb{M}$ 42'57	-0°24'59
minimum elong	-3354 Oct 12 j 20:30	24° $\mathbb{M}$ 01'40	0°28'22	minimum elong	-3353 Sep 27 j 04:16	7° $\mathbb{M}$ 40'57	0°24'41
min. Earth dist.	-3354 Oct 12 j 20:25	24° $\mathbb{M}$ 01'57	0.67443 AU	asc. node	-3353 Sep 28 j 08:49	6° $\mathbb{M}$ 04'38	
morning rise	-3354 Oct 18 j 03:21	17° $\mathbb{M}$ 45'56		morning rise	-3353 Oct 02 j 12:38	1° $\mathbb{M}$ 33'44	
direct	-3354 Oct 22 j 17:10	15° $\mathbb{M}$ 53'58		direct	-3353 Oct 06 j 12:57	0° $\mathbb{M}$ 02'49	
morning max el	-3354 Nov 01 j 04:38	21° $\mathbb{M}$ 31'51	22°20'04	morning max el	-3353 Oct 14 j 22:17	4° $\mathbb{M}$ 58'33	21°00'01
	-3354 Nov 08 j 09:44	0° $\mathbb{L}$			-3353 Nov 02 j 13:48	0° $\mathbb{L}$	
desc. node	-3354 Nov 22 j 12:25	19° $\mathbb{L}$ 56'15		desc. node	-3353 Nov 09 j 09:24	10° $\mathbb{L}$ 19'12	
	-3354 Nov 29 j 02:12	0° $\mathbb{M}$		morning set	-3353 Nov 13 j 16:53	16° $\mathbb{L}$ 59'57	
morning set	-3354 Dec 04 j 10:21	8° $\mathbb{M}$ 29'28			-3353 Nov 21 j 20:50	0° $\mathbb{M}$	
max. Earth dist.	-3354 Dec 10 j 00:32	17° $\mathbb{M}$ 43'32	1.40858 AU	max. Earth dist.	-3353 Nov 22 j 04:50	0° $\mathbb{M}$ 32'34	1.42702 AU
	-3354 Dec 17 j 02:37	0° $\mathbb{X}$					
superior conj	-3354 Dec 17 j 18:41	1° $\mathbb{X}$ 11'39	-1°55'34	superior conj	-3353 Nov 29 j 02:22	11° $\mathbb{M}$ 59'31	-1°44'37
minimum elong	-3354 Dec 17 j 17:42	1° $\mathbb{X}$ 07'14	1°55'38	minimum elong	-3353 Nov 28 j 21:29	11° $\mathbb{M}$ 38'52	1°44'23
evening rise	-3354 Dec 27 j 22:22	19° $\mathbb{X}$ 54'07			-3353 Dec 09 j 10:14	0° $\mathbb{X}$	
	-3353 Jan 02 j 09:28	0° $\mathbb{Z}$		evening rise	-3353 Dec 10 j 18:40	2° $\mathbb{X}$ 24'53	
asc. node	-3353 Jan 07 j 10:50	8° $\mathbb{Z}$ 32'40		asc. node	-3353 Dec 25 j 07:53	26° $\mathbb{X}$ 22'58	
evening max el	-3353 Jan 13 j 05:12	15° $\mathbb{Z}$ 57'13	18°17'22	evening max el	-3353 Dec 27 j 16:04	29° $\mathbb{X}$ 02'12	18°07'54
retrograde	-3353 Jan 20 j 08:55	19° $\mathbb{Z}$ 31'22			-3353 Dec 28 j 16:54	0° $\mathbb{Z}$	
evening set	-3353 Jan 22 j 22:41	19° $\mathbb{Z}$ 04'43		retrograde	-3352 Jan 03 j 07:55	2° $\mathbb{Z}$ 29'46	
inferior conj	-3353 Jan 30 j 00:47	14° $\mathbb{Z}$ 21'49	3°55'39	evening set	-3352 Jan 06 j 00:54	1° $\mathbb{Z}$ 55'18	
minimum elong	-3353 Jan 30 j 02:22	14° $\mathbb{Z}$ 18'24	3°55'25		-3352 Jan 09 j 03:36	30° $\mathbb{R}$ $\mathbb{X}$	
min. Earth dist.	-3353 Feb 02 j 09:02	11° $\mathbb{Z}$ 30'08	0.59752 AU	inferior conj	-3352 Jan 12 j 14:18	26° $\mathbb{X}$ 51'15	4°00'03
morning rise	-3353 Feb 06 j 04:11	8° $\mathbb{Z}$ 47'51		minimum elong	-3352 Jan 12 j 13:24	26° $\mathbb{X}$ 53'30	3°59'53
direct	-3353 Feb 12 j 17:19	6° $\mathbb{Z}$ 51'42		min. Earth dist.	-3352 Jan 15 j 13:18	23° $\mathbb{X}$ 56'56	0.61755 AU
desc. node	-3353 Feb 18 j 11:43	8° $\mathbb{Z}$ 15'37		morning rise	-3352 Jan 19 j 00:44	21° $\mathbb{X}$ 02'19	
morning max el	-3353 Feb 26 j 22:56	14° $\mathbb{Z}$ 30'30	27°09'09	direct	-3352 Jan 26 j 00:55	18° $\mathbb{X}$ 33'16	
	-3353 Mar 11 j 10:33	0° $\mathbb{A}$		desc. node	-3352 Feb 05 j 08:48	23° $\mathbb{X}$ 00'30	
	-3353 Mar 28 j 10:27	0° $\mathbb{H}$		morning max el	-3352 Feb 09 j 01:45	26° $\mathbb{X}$ 18'20	27°40'57
morning set	-3353 Mar 29 j 18:26	2° $\mathbb{H}$ 44'46			-3352 Feb 12 j 13:26	0° $\mathbb{Z}$	
asc. node	-3353 Apr 05 j 10:18	17° $\mathbb{H}$ 02'24			-3352 Mar 03 j 22:00	0° $\mathbb{A}$	
superior conj	-3353 Apr 05 j 20:53	18° $\mathbb{H}$ 00'21	0°04'39	morning set	-3352 Mar 12 j 23:44	17° $\mathbb{A}$ 22'28	
minimum elong	-3353 Apr 05 j 20:41	17° $\mathbb{H}$ 59'13	0°04'35		-3352 Mar 18 j 23:20	0° $\mathbb{H}$	
behind sun begin	-3353 Apr 05 j 15:52	17° $\mathbb{H}$ 32'52		max. Earth dist.	-3352 Mar 18 j 22:41	29° $\mathbb{A}$ 56'32	1.32727 AU
behind sun end	-3353 Apr 06 j 01:30	18° $\mathbb{H}$ 25'35					
max. Earth dist.	-3353 Apr 05 j 11:21	17° $\mathbb{H}$ 08'07	1.32534 AU	superior conj	-3352 Mar 20 j 07:36	2° $\mathbb{H}$ 55'02	-0°20'43
	-3353 Apr 11 j 09:22	0° $\mathbb{Y}$		minimum elong	-3352 Mar 20 j 08:33	3° $\mathbb{H}$ 00'09	0°20'34
evening rise	-3353 Apr 12 j 19:58	3° $\mathbb{Y}$ 03'05		asc. node	-3352 Mar 22 j 07:19	7° $\mathbb{H}$ 14'45	
	-3353 Apr 27 j 09:59	0° $\mathbb{B}$		evening rise	-3352 Mar 27 j 07:17	18° $\mathbb{H}$ 00'26	
evening max el	-3353 May 11 j 02:58	17° $\mathbb{B}$ 29'17	25°59'28		-3352 Apr 02 j 06:07	0° $\mathbb{Y}$	
desc. node	-3353 May 17 j 10:35	22° $\mathbb{B}$ 24'06		evening max el	-3352 Apr 21 j 20:06	28° $\mathbb{Y}$ 27'45	24°37'15
retrograde	-3353 May 25 j 04:58	24° $\mathbb{B}$ 45'10			-3352 Apr 23 j 12:40	0° $\mathbb{B}$	
evening set	-3353 May 31 j 04:59	23° $\mathbb{B}$ 17'21		desc. node	-3352 May 03 j 07:42	5° $\mathbb{B}$ 17'10	
min. Earth dist.	-3353 Jun 04 j 15:31	20° $\mathbb{B}$ 34'49	0.58889 AU	retrograde	-3352 May 05 j 19:26	5° $\mathbb{B}$ 31'31	
inferior conj	-3353 Jun 07 j 23:56	18° $\mathbb{B}$ 04'53	-4°19'00	evening set	-3352 May 10 j 12:43	4° $\mathbb{B}$ 41'00	
minimum elong	-3353 Jun 07 j 22:09	18° $\mathbb{B}$ 08'15	4°18'48	min. Earth dist.	-3352 May 16 j 08:06	1° $\mathbb{B}$ 42'55	0.57016 AU
morning rise	-3353 Jun 15 j 17:53	13° $\mathbb{B}$ 38'36			-3352 May 18 j 23:34	30° $\mathbb{R}$ $\mathbb{Y}$	
direct	-3353 Jun 18 j 06:07	13° $\mathbb{B}$ 17'29		inferior conj	-3352 May 19 j 03:51	29° $\mathbb{Y}$ 52'59	-3°43'59
morning max el	-3353 Jun 26 j 04:37	17° $\mathbb{B}$ 03'34	18°33'21	minimum elong	-3352 May 18 j 22:35	0° $\mathbb{B}$ 01'36	3°42'57
asc. node	-3353 Jul 02 j 09:45	24° $\mathbb{B}$ 53'59		morning rise	-3352 May 27 j 11:34	25° $\mathbb{Y}$ 45'39	
	-3353 Jul 05 j 12:06	0° $\mathbb{I}$		direct	-3352 May 29 j 23:25	25° $\mathbb{Y}$ 28'15	
morning set	-3353 Jul 12 j 10:13	12° $\mathbb{I}$ 52'33		morning max el	-3352 Jun 08 j 04:58	29° $\mathbb{Y}$ 45'50	19°22'26
superior conj	-3353 Jul 21 j 09:48	0° $\mathbb{O}$ 02'58	1°48'26		-3352 Jun 08 j 10:58	0° $\mathbb{B}$	
minimum elong	-3353 Jul 21 j 10:37	0° $\mathbb{O}$ 06'47	1°48'33	asc. node	-3352 Jun 18 j 06:48	13° $\mathbb{B}$ 38'06	
	-3353 Jul 21 j 09:10	0° $\mathbb{O}$		morning set	-3352 Jun 25 j 09:08	27° $\mathbb{B}$ 06'29	
max. Earth dist.	-3353 Jul 28 j 15:41	13° $\mathbb{O}$ 08'21	1.39809 AU		-3352 Jun 26 j 19:53	0° $\mathbb{I}$	
evening rise	-3353 Aug 01 j 22:08	20° $\mathbb{O}$ 27'10		superior conj	-3352 Jul 03 j 14:01	13° $\mathbb{I}$ 26'09	1°47'00
	-3353 Aug 07 j 18:09	0° $\mathbb{Q}$		minimum elong	-3352 Jul 03 j 12:51	13° $\mathbb{I}$ 20'25	1°47'05
desc. node	-3353 Aug 13 j 09:45	8° $\mathbb{Q}$ 47'32		max. Earth dist.	-3352 Jul 09 j 17:28	25° $\mathbb{I}$ 06'32	1.37862 AU
	-3353 Aug 28 j 10:24	0° $\mathbb{M}$			-3352 Jul 12 j 10:06	0° $\mathbb{O}$	
evening max el	-3353 Sep 05 j 22:52	9° $\mathbb{M}$ 53'15	23°45'37	evening rise	-3352 Jul 13 j 13:50	2° $\mathbb{O}$ 03'22	
retrograde	-3353 Sep 16 j 16:00	16° $\mathbb{M}$ 12'42		desc. node	-3352 Jul 30 j 06:48	29° $\mathbb{O}$ 04'11	
evening set	-3353 Sep 21 j 19:53	14° $\mathbb{M}$ 02'24			-3352 Jul 30 j 22:00	0° $\mathbb{Q}$	
min. Earth dist.	-3353 Sep 26 j 16:42	8° $\mathbb{M}$ 20'25	0.67397 AU	evening max el	-3352 Aug 18 j 09:52	23° $\mathbb{Q}$ 23'58	25°03'45
					-3352 Aug 28 j 06:05	0° $\mathbb{M}$	
				retrograde	-3352 Aug 30 j 04:06	0° $\mathbb{M}$ 14'10	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3352 Sep 01 j 00:11	30° $\kappa$ 8		min. Earth dist.	-3351 Aug 24 j 00:27	6° $\Omega$ 56'00	0.66353 AU
evening set	-3352 Sep 04 j 22:55	27° $\Omega$ 45'59		inferior conj	-3351 Aug 25 j 09:53	5° $\Omega$ 11'50	-2°10'34
min. Earth dist.	-3352 Sep 09 j 10:53	22° $\Omega$ 39'21	0.67041 AU	minimum elong	-3351 Aug 25 j 12:53	5° $\Omega$ 02'30	2°09'22
inferior conj	-3352 Sep 10 j 08:33	21° $\Omega$ 27'58	-1°18'38		-3351 Aug 30 j 06:17	30° $\kappa$ 8	
minimum elong	-3352 Sep 10 j 10:24	21° $\Omega$ 21'50	1°17'48	morning rise	-3351 Aug 31 j 05:21	29° $\Theta$ 20'27	
asc. node	-3352 Sep 14 j 05:56	16° $\Omega$ 49'18		asc. node	-3351 Sep 01 j 03:02	28° $\Theta$ 52'26	
morning rise	-3352 Sep 15 j 21:56	15° $\Omega$ 26'00		direct	-3351 Sep 03 j 09:05	28° $\Theta$ 23'19	
direct	-3352 Sep 19 j 10:49	14° $\Omega$ 13'33			-3351 Sep 07 j 16:14	0° $\Omega$	
morning max el	-3352 Sep 26 j 23:11	18° $\Omega$ 33'52	19°51'26	morning max el	-3351 Sep 10 j 06:47	2° $\Omega$ 16'36	18°57'25
	-3352 Oct 05 j 22:47	0° $\eta$			-3351 Sep 29 j 11:21	0° $\eta$	
morning set	-3352 Oct 22 j 14:58	25° $\eta$ 13'12		morning set	-3351 Oct 02 j 04:04	4° $\eta$ 15'50	
	-3352 Oct 25 j 16:47	0° $\underline{\Omega}$		desc. node	-3351 Oct 13 j 03:22	21° $\eta$ 33'52	
desc. node	-3352 Oct 26 j 06:23	0° $\underline{\Omega}$ 53'02		max. Earth dist.	-3351 Oct 17 j 08:56	28° $\eta$ 13'45	1.44786 AU
max. Earth dist.	-3352 Nov 03 j 16:13	14° $\underline{\Omega}$ 07'37	1.44069 AU		-3351 Oct 18 j 11:52	0° $\underline{\Omega}$	
superior conj	-3352 Nov 08 j 06:42	21° $\underline{\Omega}$ 30'47	-1°16'57	superior conj	-3351 Oct 18 j 12:08	0° $\underline{\Omega}$ 01'02	-0°33'46
minimum elong	-3352 Nov 07 j 23:28	21° $\underline{\Omega}$ 01'35	1°16'15	minimum elong	-3351 Oct 18 j 07:48	29° $\eta$ 43'55	0°33'12
	-3352 Nov 13 j 11:19	0° $\mathbb{M}$		evening rise	-3351 Nov 02 j 23:29	24° $\underline{\Omega}$ 43'48	
evening rise	-3352 Nov 21 j 20:30	14° $\mathbb{M}$ 04'08			-3351 Nov 06 j 05:27	0° $\mathbb{M}$	
	-3352 Dec 01 j 07:30	0° $\mathcal{A}$		evening max el	-3351 Nov 23 j 16:28	25° $\mathbb{M}$ 43'46	18°45'14
evening max el	-3352 Dec 10 j 04:44	12° $\mathcal{A}$ 19'40	18°17'33	asc. node	-3351 Nov 28 j 02:01	29° $\mathbb{M}$ 01'08	
asc. node	-3352 Dec 11 j 04:57	13° $\mathcal{A}$ 17'25		retrograde	-3351 Nov 30 j 10:18	29° $\mathbb{M}$ 31'21	
retrograde	-3352 Dec 16 j 17:40	15° $\mathcal{A}$ 52'14		evening set	-3351 Dec 03 j 12:30	28° $\mathbb{M}$ 37'06	
evening set	-3352 Dec 19 j 14:35	15° $\mathcal{A}$ 08'43		inferior conj	-3351 Dec 09 j 08:22	22° $\mathbb{M}$ 55'45	3°14'22
inferior conj	-3352 Dec 25 j 18:03	9° $\mathcal{A}$ 44'54	3°44'10	minimum elong	-3351 Dec 09 j 05:17	23° $\mathbb{M}$ 05'05	3°13'32
minimum elong	-3352 Dec 25 j 15:35	9° $\mathcal{A}$ 51'44	3°43'41	min. Earth dist.	-3351 Dec 11 j 02:21	20° $\mathbb{M}$ 48'51	0.65036 AU
min. Earth dist.	-3352 Dec 28 j 02:58	7° $\mathcal{A}$ 08'01	0.63558 AU	morning rise	-3351 Dec 14 j 21:44	16° $\mathbb{M}$ 49'11	
morning rise	-3352 Dec 31 j 15:56	3° $\mathcal{A}$ 45'46		direct	-3351 Dec 21 j 14:40	13° $\mathbb{M}$ 57'57	
direct	-3351 Jan 07 j 16:32	0° $\mathcal{A}$ 57'57		morning max el	-3350 Jan 03 j 18:34	21° $\mathbb{M}$ 35'06	26°58'55
morning max el	-3351 Jan 21 j 09:08	8° $\mathcal{A}$ 43'13	27°36'27	desc. node	-3350 Jan 09 j 02:55	27° $\mathbb{M}$ 28'46	
desc. node	-3351 Jan 22 j 05:52	9° $\mathcal{A}$ 35'30			-3350 Jan 11 j 04:07	0° $\mathcal{A}$	
	-3351 Feb 06 j 23:06	0° $\mathcal{B}$			-3350 Jan 31 j 02:44	0° $\mathcal{B}$	
	-3351 Feb 24 j 02:54	0° $\approx$		morning set	-3350 Feb 08 j 11:07	15° $\mathcal{B}$ 15'35	
morning set	-3351 Feb 24 j 22:23	1° $\approx$ 36'33		max. Earth dist.	-3350 Feb 12 j 23:46	24° $\mathcal{B}$ 12'26	1.34310 AU
max. Earth dist.	-3351 Mar 02 j 04:02	12° $\approx$ 21'21	1.33302 AU		-3350 Feb 15 j 19:32	0° $\approx$	
superior conj	-3351 Mar 04 j 15:34	17° $\approx$ 37'41	-0°45'51	superior conj	-3350 Feb 16 j 18:39	2° $\approx$ 00'22	-1°09'41
minimum elong	-3351 Mar 04 j 17:36	17° $\approx$ 48'36	0°45'32	minimum elong	-3350 Feb 16 j 21:33	2° $\approx$ 15'32	1°09'19
asc. node	-3351 Mar 09 j 04:20	27° $\approx$ 22'09		evening rise	-3350 Feb 24 j 04:54	17° $\approx$ 37'57	
	-3351 Mar 10 j 09:53	0° $\mathcal{H}$		asc. node	-3350 Feb 24 j 01:20	17° $\approx$ 19'22	
evening rise	-3351 Mar 11 j 18:53	2° $\mathcal{H}$ 54'31			-3350 Mar 02 j 10:20	0° $\mathcal{H}$	
	-3351 Mar 26 j 19:42	0° $\Upsilon$		evening max el	-3350 Mar 16 j 09:23	20° $\mathcal{H}$ 02'20	21°32'11
evening max el	-3351 Apr 03 j 12:15	9° $\Upsilon$ 10'27	23°03'36	retrograde	-3350 Mar 28 j 11:50	25° $\mathcal{H}$ 52'23	
retrograde	-3351 Apr 16 j 20:53	15° $\Upsilon$ 45'43		evening set	-3350 Mar 31 j 00:53	25° $\mathcal{H}$ 37'45	
evening set	-3351 Apr 20 j 06:29	15° $\Upsilon$ 20'26		desc. node	-3350 Apr 07 j 01:54	22° $\mathcal{H}$ 52'41	
desc. node	-3351 Apr 20 j 04:48	15° $\Upsilon$ 21'27		inferior conj	-3350 Apr 09 j 08:57	21° $\mathcal{H}$ 36'33	-0°38'21
min. Earth dist.	-3351 Apr 27 j 22:33	11° $\Upsilon$ 55'35	0.55671 AU	minimum elong	-3350 Apr 09 j 07:09	21° $\mathcal{H}$ 39'04	0°37'45
inferior conj	-3351 Apr 29 j 12:37	11° $\Upsilon$ 00'08	-2°28'00	min. Earth dist.	-3350 Apr 09 j 12:14	21° $\mathcal{H}$ 31'57	0.55137 AU
minimum elong	-3351 Apr 29 j 06:48	11° $\Upsilon$ 08'38	2°26'17	morning rise	-3350 Apr 18 j 13:50	17° $\mathcal{H}$ 34'31	
morning rise	-3351 May 08 j 09:29	7° $\Upsilon$ 02'59		direct	-3350 Apr 21 j 11:29	17° $\mathcal{H}$ 16'01	
direct	-3351 May 10 j 22:54	6° $\Upsilon$ 47'15		morning max el	-3350 May 03 j 22:23	23° $\mathcal{H}$ 11'41	21°58'45
morning max el	-3351 May 21 j 19:11	11° $\Upsilon$ 50'14	20°31'39		-3350 May 09 j 21:39	0° $\Upsilon$	
	-3351 Jun 03 j 14:44	0° $\mathcal{B}$		asc. node	-3350 May 23 j 00:53	22° $\Upsilon$ 32'33	
asc. node	-3351 Jun 05 j 03:51	2° $\mathcal{B}$ 53'57		morning set	-3350 May 24 j 23:56	26° $\Upsilon$ 33'42	
morning set	-3351 Jun 09 j 14:29	11° $\mathcal{B}$ 42'44			-3350 May 26 j 15:25	0° $\mathcal{B}$	
superior conj	-3351 Jun 17 j 06:27	27° $\mathcal{B}$ 28'08	1°37'58	superior conj	-3350 Jun 01 j 07:21	11° $\mathcal{B}$ 57'08	1°23'18
minimum elong	-3351 Jun 17 j 04:09	27° $\mathcal{B}$ 16'28	1°37'52	minimum elong	-3350 Jun 01 j 04:41	11° $\mathcal{B}$ 43'12	1°23'01
	-3351 Jun 18 j 12:29	0° $\mathbb{I}$		max. Earth dist.	-3350 Jun 04 j 15:52	18° $\mathcal{B}$ 54'01	1.34683 AU
max. Earth dist.	-3351 Jun 22 j 00:04	6° $\mathbb{I}$ 53'48	1.36113 AU	evening rise	-3350 Jun 09 j 09:04	28° $\mathcal{B}$ 17'09	
evening rise	-3351 Jun 26 j 03:17	14° $\mathbb{I}$ 45'17			-3350 Jun 10 j 06:28	0° $\mathbb{I}$	
	-3351 Jul 04 j 19:17	0° $\Theta$			-3350 Jun 28 j 00:02	0° $\Theta$	
desc. node	-3351 Jul 17 j 03:50	19° $\Theta$ 00'19		desc. node	-3350 Jul 04 j 00:52	8° $\Theta$ 26'51	
	-3351 Jul 25 j 12:58	0° $\Omega$		evening max el	-3350 Jul 14 j 08:32	20° $\Theta$ 23'44	27°00'32
evening max el	-3351 Jul 31 j 20:59	6° $\Omega$ 56'42	26°11'22	retrograde	-3350 Jul 27 j 13:28	27° $\Theta$ 43'53	
retrograde	-3351 Aug 13 j 11:25	14° $\Omega$ 06'46		evening set	-3350 Aug 03 j 10:31	24° $\Theta$ 56'04	
evening set	-3351 Aug 19 j 20:36	11° $\Omega$ 24'59		min. Earth dist.	-3350 Aug 07 j 07:00	21° $\Theta$ 05'20	0.65298 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3350 Aug 09 j 05:37	18°☿50'56	-2°58'42		-3349 Jun 23 j 08:37	0°☿	
minimum elong	-3350 Aug 09 j 09:23	18°☿40'02	2°57'26	evening max el	-3349 Jun 26 j 19:10	3°☿33'27	27°24'04
morning rise	-3350 Aug 15 j 08:41	13°☿13'29		retrograde	-3349 Jul 10 j 09:57	10°☿56'57	
direct	-3350 Aug 18 j 05:33	12°☿28'27		evening set	-3349 Jul 17 j 13:36	8°☿14'34	
asc. node	-3350 Aug 19 j 00:08	12°☿31'44		min. Earth dist.	-3349 Jul 21 j 04:36	4°☿58'29	0.63859 AU
morning max el	-3350 Aug 24 j 19:18	16°☿03'35	18°19'41	inferior conj	-3349 Jul 23 j 17:11	2°☿20'06	-3°40'08
	-3350 Sep 03 j 21:19	0°♌		minimum elong	-3349 Jul 23 j 21:03	2°☿09'58	3°39'10
morning set	-3350 Sep 12 j 20:03	14°♌37'48			-3349 Jul 26 j 00:50	30°♌II	
	-3350 Sep 22 j 06:46	0°♍		morning rise	-3349 Jul 30 j 05:21	26°II59'46	
				direct	-3349 Aug 01 j 21:33	26°II24'00	
superior conj	-3350 Sep 27 j 12:42	8°♍22'24	0°15'51	asc. node	-3349 Aug 05 j 21:14	27°II43'19	
minimum elong	-3350 Sep 27 j 14:42	8°♍30'21	0°15'37	morning max el	-3349 Aug 08 j 10:11	29°II49'39	17°59'18
behind sun begin	-3350 Sep 27 j 11:31	8°♍17'45			-3349 Aug 08 j 14:17	0°☿	
behind sun end	-3350 Sep 27 j 17:53	8°♍42'58		morning set	-3349 Aug 25 j 14:12	26°☿14'24	
max. Earth dist.	-3350 Sep 30 j 03:36	12°♍31'14	1.44768 AU		-3349 Aug 27 j 18:39	0°♌	
desc. node	-3350 Sep 30 j 00:21	12°♍18'23					
	-3350 Oct 11 j 06:57	0°♎		superior conj	-3349 Sep 07 j 06:17	17°♌36'33	0°59'11
evening rise	-3350 Oct 14 j 01:53	4°♎21'36		minimum elong	-3349 Sep 07 j 11:50	17°♌59'15	0°58'37
greatest brilliancy	-3350 Oct 25 j 06:22	21°♎44'17	-0.7m	max. Earth dist.	-3349 Sep 12 j 20:13	26°♌38'13	1.44038 AU
	-3350 Oct 30 j 19:34	0°♏			-3349 Sep 14 j 22:55	0°♍	
evening max el	-3350 Nov 07 j 00:54	9°♏10'32	19°29'42	desc. node	-3349 Sep 16 j 21:18	3°♍03'11	
retrograde	-3350 Nov 14 j 06:37	13°♏22'03		evening rise	-3349 Sep 23 j 09:41	13°♍12'40	
asc. node	-3350 Nov 14 j 23:06	13°♏19'20			-3349 Oct 04 j 10:27	0°♎	
evening set	-3350 Nov 17 j 15:56	12°♏14'58		evening max el	-3349 Oct 21 j 04:03	22°♎36'43	20°29'04
inferior conj	-3350 Nov 23 j 06:12	6°♏19'08	2°35'03	retrograde	-3349 Oct 29 j 04:00	27°♎19'45	
minimum elong	-3350 Nov 23 j 03:15	6°♏28'42	2°34'03	evening set	-3349 Nov 01 j 22:34	25°♎57'29	
min. Earth dist.	-3350 Nov 24 j 10:26	4°♏47'48	0.66144 AU	asc. node	-3349 Nov 01 j 20:12	26°♎01'46	
morning rise	-3350 Nov 28 j 14:21	0°♏07'17		inferior conj	-3349 Nov 07 j 09:00	19°♎50'36	1°49'10
	-3350 Nov 28 j 17:40	30°♏♎		minimum elong	-3349 Nov 07 j 06:41	19°♎58'25	1°48'15
direct	-3350 Dec 04 j 18:40	27°♎24'56		min. Earth dist.	-3349 Nov 08 j 01:07	18°♎56'07	0.66900 AU
	-3350 Dec 11 j 15:50	0°♏		morning rise	-3349 Nov 12 j 14:38	13°♎35'53	
morning max el	-3350 Dec 17 j 04:02	4°♏43'02	25°55'36	direct	-3349 Nov 18 j 04:06	11°♎10'19	
desc. node	-3350 Dec 26 j 23:56	16°♏17'28		morning max el	-3349 Nov 29 j 12:45	17°♎56'33	24°35'43
	-3349 Jan 05 j 15:16	0°♐			-3349 Dec 09 j 16:08	0°♏	
morning set	-3349 Jan 22 j 09:44	28°♐07'28		desc. node	-3349 Dec 13 j 20:56	5°♏44'47	
	-3349 Jan 23 j 10:00	0°♑			-3349 Dec 29 j 16:43	0°♐	
max. Earth dist.	-3349 Jan 26 j 07:58	5°♑31'35	1.35766 AU	morning set	-3348 Jan 04 j 12:38	9°♐56'11	
				max. Earth dist.	-3348 Jan 08 j 06:18	16°♐36'56	1.37611 AU
superior conj	-3349 Jan 31 j 14:25	15°♑56'03	-1°30'43				
minimum elong	-3349 Jan 31 j 17:40	16°♑12'31	1°30'27	superior conj	-3348 Jan 14 j 23:34	29°♐15'08	-1°46'55
	-3349 Feb 07 j 11:05	0°♒		minimum elong	-3348 Jan 15 j 02:17	29°♐28'17	1°46'51
evening rise	-3349 Feb 08 j 11:30	2°♒05'01			-3348 Jan 15 j 08:49	0°♑	
asc. node	-3349 Feb 10 j 22:20	7°♒01'43		evening rise	-3348 Jan 23 j 12:26	16°♑08'51	
	-3349 Feb 25 j 06:49	0°♒		asc. node	-3348 Jan 28 j 19:21	26°♑23'19	
evening max el	-3349 Feb 26 j 16:05	1°♒24'13	20°13'22		-3348 Jan 30 j 19:15	0°♒	
retrograde	-3349 Mar 09 j 02:55	6°♒22'34		evening max el	-3348 Feb 09 j 09:28	13°♒22'52	19°12'40
evening set	-3349 Mar 11 j 09:25	6°♒09'29		retrograde	-3348 Feb 18 j 05:56	17°♒36'30	
inferior conj	-3349 Mar 20 j 06:23	2°♒10'18	1°16'56	evening set	-3348 Feb 20 j 14:08	17°♒20'03	
minimum elong	-3349 Mar 20 j 09:39	2°♒05'26	1°15'48	inferior conj	-3348 Feb 28 j 18:01	13°♒09'09	2°47'24
min. Earth dist.	-3349 Mar 22 j 02:12	1°♒05'01	0.55540 AU	minimum elong	-3348 Feb 28 j 22:55	13°♒00'49	2°46'05
	-3349 Mar 23 j 23:56	30°♒♒		min. Earth dist.	-3348 Mar 02 j 17:27	11°♒08'35	0.56784 AU
desc. node	-3349 Mar 24 j 22:59	29°♒29'41		morning rise	-3348 Mar 08 j 04:55	8°♒13'15	
morning rise	-3349 Mar 29 j 08:06	27°♒45'25		desc. node	-3348 Mar 10 j 20:03	7°♒29'10	
direct	-3349 Apr 02 j 01:32	27°♒15'03		direct	-3348 Mar 13 j 03:14	7°♒16'42	
	-3349 Apr 10 j 16:13	0°♒		morning max el	-3348 Mar 27 j 07:49	14°♒33'08	25°14'07
morning max el	-3349 Apr 15 j 16:52	3°♒58'38	23°36'59		-3348 Apr 08 j 13:21	0°♒	
	-3349 May 03 j 17:17	0°♓		morning set	-3348 Apr 22 j 23:44	26°♒35'20	
morning set	-3349 May 09 j 11:35	11°♓33'13			-3348 Apr 24 j 14:21	0°♓	
asc. node	-3349 May 09 j 21:54	12°♓27'23		asc. node	-3348 Apr 25 j 18:54	2°♓33'15	
superior conj	-3349 May 16 j 13:54	26°♓44'14	1°04'30	superior conj	-3348 Apr 29 j 23:55	11°♓42'11	0°42'45
minimum elong	-3349 May 16 j 11:28	26°♓31'12	1°04'09	minimum elong	-3348 Apr 29 j 22:08	11°♓32'31	0°42'26
	-3349 May 18 j 02:33	0°♈		max. Earth dist.	-3348 May 01 j 01:51	14°♓03'08	1.32919 AU
max. Earth dist.	-3349 May 18 j 17:11	1°♈17'45	1.33618 AU	evening rise	-3348 May 07 j 04:24	26°♓59'21	
evening rise	-3349 May 24 j 02:37	12°♈25'32			-3348 May 08 j 15:59	0°♈	
	-3349 Jun 02 j 12:05	0°♉			-3348 May 25 j 21:23	0°♉	
desc. node	-3349 Jun 20 j 21:55	27°♉11'09		desc. node	-3348 Jun 06 j 18:58	14°♉55'25	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3348 Jun 08 j 02:55	16° $\Pi$ 14'15	27°16'45	desc. node	-3347 May 24 j 16:03	1° $\Pi$ 13'39	
retrograde	-3348 Jun 22 j 00:15	23° $\Pi$ 36'50		retrograde	-3347 Jun 04 j 06:43	5° $\Pi$ 34'03	
evening set	-3348 Jun 29 j 02:03	21° $\Pi$ 14'11		evening set	-3347 Jun 10 j 19:33	3° $\Pi$ 44'20	
min. Earth dist.	-3348 Jul 02 j 16:25	18° $\Pi$ 23'13	0.62072 AU	min. Earth dist.	-3347 Jun 14 j 18:52	1° $\Pi$ 03'26	0.60062 AU
inferior conj	-3348 Jul 05 j 17:38	15° $\Pi$ 33'03	-4°10'34		-3347 Jun 16 j 02:42	30° $\mathbb{R}$ 8	
minimum elong	-3348 Jul 05 j 20:28	15° $\Pi$ 26'27	4°10'07	inferior conj	-3347 Jun 18 j 03:22	28° $\mathbb{R}$ 20'07	-4°23'21
morning rise	-3348 Jul 12 j 16:16	10° $\Pi$ 32'25		minimum elong	-3347 Jun 18 j 03:39	28° $\mathbb{R}$ 19'33	4°23'15
direct	-3348 Jul 15 j 05:47	10° $\Pi$ 03'33		morning rise	-3347 Jun 25 j 13:50	23° $\mathbb{R}$ 40'54	
morning max el	-3348 Jul 22 j 00:43	13° $\Pi$ 28'51	17°57'12	direct	-3347 Jun 28 j 02:16	23° $\mathbb{R}$ 17'14	
asc. node	-3348 Jul 22 j 18:18	14° $\Pi$ 13'46		morning max el	-3347 Jul 05 j 11:56	26° $\mathbb{R}$ 52'26	18°14'21
	-3348 Aug 02 j 06:46	0° $\mathbb{S}$			-3347 Jul 08 j 07:17	0° $\Pi$	
morning set	-3348 Aug 07 j 05:25	8° $\mathbb{S}$ 51'49		asc. node	-3347 Jul 09 j 15:21	1° $\Pi$ 46'30	
				morning set	-3347 Jul 21 j 12:11	22° $\Pi$ 15'01	
					-3347 Jul 25 j 14:52	0° $\mathbb{S}$	
superior conj	-3348 Aug 18 j 03:12	28° $\mathbb{S}$ 12'14	1°29'02				
minimum elong	-3348 Aug 18 j 08:01	28° $\mathbb{S}$ 32'58	1°28'44				
	-3348 Aug 19 j 04:22	0° $\mathbb{Q}$		superior conj	-3347 Jul 31 j 01:54	10° $\mathbb{S}$ 04'37	1°44'51
max. Earth dist.	-3348 Aug 25 j 08:12	10° $\mathbb{Q}$ 18'04	1.42701 AU	minimum elong	-3347 Jul 31 j 04:11	10° $\mathbb{S}$ 14'59	1°44'52
evening rise	-3348 Sep 01 j 16:01	22° $\mathbb{Q}$ 02'44		max. Earth dist.	-3347 Aug 07 j 14:44	23° $\mathbb{S}$ 18'48	1.40934 AU
desc. node	-3348 Sep 02 j 18:17	23° $\mathbb{Q}$ 45'33			-3347 Aug 11 j 14:37	0° $\mathbb{Q}$	
	-3348 Sep 06 j 19:13	0° $\mathbb{M}$		evening rise	-3347 Aug 12 j 15:29	1° $\mathbb{Q}$ 41'58	
	-3348 Sep 27 j 19:10	0° $\mathbb{A}$		desc. node	-3347 Aug 20 j 15:18	14° $\mathbb{Q}$ 21'32	
evening max el	-3348 Oct 03 j 01:09	6° $\mathbb{A}$ 02'40	21°40'20		-3347 Aug 31 j 05:20	0° $\mathbb{M}$	
retrograde	-3348 Oct 12 j 00:25	11° $\mathbb{A}$ 22'19		evening max el	-3347 Sep 15 j 16:47	19° $\mathbb{M}$ 29'33	22°59'14
evening set	-3348 Oct 16 j 06:28	9° $\mathbb{A}$ 42'32		retrograde	-3347 Sep 25 j 18:22	25° $\mathbb{M}$ 27'23	
asc. node	-3348 Oct 18 j 17:18	7° $\mathbb{A}$ 15'40		evening set	-3347 Sep 30 j 13:53	23° $\mathbb{M}$ 28'25	
inferior conj	-3348 Oct 21 j 14:41	3° $\mathbb{A}$ 28'10	0°58'53	inferior conj	-3347 Oct 05 j 21:25	17° $\mathbb{M}$ 10'02	0°06'01
minimum elong	-3348 Oct 21 j 13:21	3° $\mathbb{A}$ 32'45	0°58'19	minimum elong	-3347 Oct 05 j 21:16	17° $\mathbb{M}$ 10'32	0°05'59
min. Earth dist.	-3348 Oct 21 j 19:57	3° $\mathbb{A}$ 09'58	0.67336 AU	transit middle	-3347 Oct 05 j 21:16	17° $\mathbb{M}$ 10'32	0°05'59
	-3348 Oct 24 j 05:09	30° $\mathbb{R}$ 11		transit begin	-3347 Oct 05 j 18:46	17° $\mathbb{M}$ 19'11	
morning rise	-3348 Oct 26 j 20:04	27° $\mathbb{M}$ 13'15		transit end	-3347 Oct 05 j 23:47	17° $\mathbb{M}$ 01'52	
direct	-3348 Oct 31 j 18:21	25° $\mathbb{M}$ 08'31		min. Earth dist.	-3347 Oct 05 j 16:25	17° $\mathbb{M}$ 27'16	0.67465 AU
	-3348 Nov 09 j 16:41	0° $\mathbb{A}$		asc. node	-3347 Oct 05 j 14:24	17° $\mathbb{M}$ 34'11	
morning max el	-3348 Nov 10 j 22:20	1° $\mathbb{A}$ 12'30	23°09'07	morning rise	-3347 Oct 11 j 04:33	10° $\mathbb{M}$ 57'56	
desc. node	-3348 Nov 29 j 17:56	25° $\mathbb{A}$ 39'38		direct	-3347 Oct 15 j 12:31	9° $\mathbb{M}$ 14'53	
	-3348 Dec 02 j 15:55	0° $\mathbb{M}$		morning max el	-3347 Oct 24 j 12:10	14° $\mathbb{M}$ 34'01	21°44'48
morning set	-3348 Dec 15 j 13:37	20° $\mathbb{M}$ 25'50			-3347 Nov 05 j 18:29	0° $\mathbb{A}$	
max. Earth dist.	-3348 Dec 20 j 01:40	28° $\mathbb{M}$ 04'03	1.39677 AU	desc. node	-3347 Nov 16 j 14:56	15° $\mathbb{A}$ 54'18	
	-3348 Dec 21 j 04:22	0° $\mathbb{X}$		morning set	-3347 Nov 25 j 09:52	29° $\mathbb{A}$ 33'01	
					-3347 Nov 25 j 16:39	0° $\mathbb{M}$	
superior conj	-3348 Dec 27 j 17:50	11° $\mathbb{X}$ 46'26	-1°55'29	max. Earth dist.	-3347 Dec 02 j 01:58	10° $\mathbb{M}$ 22'51	1.41690 AU
minimum elong	-3348 Dec 27 j 18:39	11° $\mathbb{X}$ 50'12	1°55'34				
evening rise	-3347 Jan 06 j 04:59	29° $\mathbb{X}$ 42'31		superior conj	-3347 Dec 09 j 15:52	23° $\mathbb{M}$ 16'46	-1°52'49
	-3347 Jan 06 j 08:37	0° $\mathbb{S}$		minimum elong	-3347 Dec 09 j 13:17	23° $\mathbb{M}$ 05'26	1°52'49
asc. node	-3347 Jan 14 j 16:24	15° $\mathbb{S}$ 16'57			-3347 Dec 13 j 11:04	0° $\mathbb{X}$	
evening max el	-3347 Jan 22 j 11:54	25° $\mathbb{S}$ 54'05	18°31'50	evening rise	-3347 Dec 20 j 09:51	12° $\mathbb{X}$ 39'04	
retrograde	-3347 Jan 30 j 03:03	29° $\mathbb{S}$ 37'46			-3347 Dec 30 j 05:16	0° $\mathbb{S}$	
evening set	-3347 Feb 01 j 15:00	29° $\mathbb{S}$ 15'10		asc. node	-3346 Jan 01 j 13:28	3° $\mathbb{S}$ 33'54	
inferior conj	-3347 Feb 09 j 01:48	24° $\mathbb{S}$ 44'59	3°40'42	evening max el	-3346 Jan 05 j 20:37	8° $\mathbb{S}$ 49'46	18°10'59
minimum elong	-3347 Feb 09 j 04:59	24° $\mathbb{S}$ 38'43	3°40'09	retrograde	-3346 Jan 12 j 17:51	12° $\mathbb{S}$ 19'09	
min. Earth dist.	-3347 Feb 12 j 11:20	22° $\mathbb{S}$ 05'14	0.58595 AU	evening set	-3346 Jan 15 j 09:07	11° $\mathbb{S}$ 49'09	
morning rise	-3347 Feb 16 j 16:35	19° $\mathbb{S}$ 22'49		inferior conj	-3346 Jan 22 j 05:27	6° $\mathbb{S}$ 57'08	4°00'28
direct	-3347 Feb 22 j 18:27	17° $\mathbb{S}$ 48'40		minimum elong	-3346 Jan 22 j 05:53	6° $\mathbb{S}$ 56'07	4°00'20
desc. node	-3347 Feb 25 j 17:09	18° $\mathbb{S}$ 10'24		min. Earth dist.	-3346 Jan 25 j 10:41	4° $\mathbb{S}$ 01'42	0.60619 AU
morning max el	-3347 Mar 09 j 01:01	25° $\mathbb{S}$ 22'02	26°35'08	morning rise	-3346 Jan 29 j 01:09	1° $\mathbb{S}$ 16'27	
	-3347 Mar 13 j 08:29	0° $\mathbb{A}$			-3346 Jan 31 j 10:57	30° $\mathbb{R}$ 8	
	-3347 Apr 01 j 16:22	0° $\mathbb{X}$		direct	-3346 Feb 04 j 20:37	29° $\mathbb{X}$ 04'55	
morning set	-3347 Apr 07 j 10:41	11° $\mathbb{X}$ 33'15			-3346 Feb 09 j 10:24	0° $\mathbb{S}$	
asc. node	-3347 Apr 12 j 15:53	22° $\mathbb{X}$ 44'54		desc. node	-3346 Feb 12 j 14:14	1° $\mathbb{S}$ 35'52	
				morning max el	-3346 Feb 19 j 00:09	6° $\mathbb{S}$ 46'13	27°27'08
superior conj	-3347 Apr 14 j 11:30	26° $\mathbb{X}$ 43'34	0°18'58		-3346 Mar 08 j 12:59	0° $\mathbb{A}$	
minimum elong	-3347 Apr 14 j 10:40	26° $\mathbb{X}$ 39'00	0°18'46	morning set	-3346 Mar 22 j 18:39	26° $\mathbb{A}$ 20'34	
max. Earth dist.	-3347 Apr 14 j 14:35	27° $\mathbb{X}$ 00'25	1.32575 AU		-3346 Mar 24 j 12:42	0° $\mathbb{X}$	
	-3347 Apr 15 j 23:24	0° $\mathbb{Y}$		max. Earth dist.	-3346 Mar 29 j 03:41	9° $\mathbb{X}$ 56'51	1.32576 AU
evening rise	-3347 Apr 21 j 11:35	11° $\mathbb{Y}$ 48'31					
	-3347 Apr 30 j 20:55	0° $\mathbb{R}$		superior conj	-3346 Mar 29 j 23:02	11° $\mathbb{X}$ 42'30	-0°06'05
evening max el	-3347 May 21 j 05:28	28° $\mathbb{R}$ 15'18	26°36'32	minimum elong	-3346 Mar 29 j 23:18	11° $\mathbb{X}$ 44'01	0°06'03
	-3347 May 23 j 03:44	0° $\Pi$		behind sun begin	-3346 Mar 29 j 18:37	11° $\mathbb{X}$ 18'27	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

behind sun end	-3346 Mar 30 j 03:59	12° $\text{X}$ 09'36			-3345 Mar 15 j 23:07	0° $\text{X}$	
asc. node	-3346 Mar 30 j 12:54	12° $\text{X}$ 58'21		asc. node	-3345 Mar 17 j 09:55	3° $\text{X}$ 08'45	
evening rise	-3346 Apr 05 j 21:59	26° $\text{X}$ 45'16		evening rise	-3345 Mar 21 j 09:38	11° $\text{X}$ 41'40	
	-3346 Apr 07 j 11:22	0° $\text{Y}$			-3345 Mar 30 j 19:34	0° $\text{Y}$	
	-3346 Apr 24 j 20:30	0° $\text{Z}$		evening max el	-3345 Apr 14 j 17:28	20° $\text{Y}$ 21'22	23°57'51
evening max el	-3346 May 03 j 01:39	9° $\text{Z}$ 33'59	25°26'51	retrograde	-3345 Apr 28 j 11:58	27° $\text{Y}$ 15'20	
desc. node	-3346 May 11 j 13:08	15° $\text{Z}$ 32'21		desc. node	-3345 Apr 28 j 10:12	27° $\text{Y}$ 15'20	
retrograde	-3346 May 17 j 03:12	16° $\text{Z}$ 45'11		evening set	-3345 May 02 j 15:28	26° $\text{Y}$ 37'12	
evening set	-3346 May 22 j 15:10	15° $\text{Z}$ 34'10		min. Earth dist.	-3345 May 09 j 04:51	23° $\text{Y}$ 29'18	0.56363 AU
min. Earth dist.	-3346 May 27 j 13:54	12° $\text{Z}$ 46'42	0.58057 AU	inferior conj	-3345 May 11 j 14:10	22° $\text{Y}$ 01'10	-3°16'48
inferior conj	-3346 May 30 j 18:51	10° $\text{Z}$ 31'47	-4°08'53	minimum elong	-3345 May 11 j 08:06	22° $\text{Y}$ 10'33	3°15'20
minimum elong	-3346 May 30 j 15:27	10° $\text{Z}$ 37'48	4°08'25	morning rise	-3345 May 20 j 03:46	18° $\text{Y}$ 00'02	
morning rise	-3346 Jun 07 j 18:31	6° $\text{Z}$ 13'52		direct	-3345 May 22 j 16:03	17° $\text{Y}$ 43'38	
direct	-3346 Jun 10 j 06:43	5° $\text{Z}$ 54'20		morning max el	-3345 Jun 01 j 13:11	22° $\text{Y}$ 18'25	19°49'34
morning max el	-3346 Jun 18 j 16:57	9° $\text{Z}$ 51'53	18°51'40		-3345 Jun 07 j 21:55	0° $\text{Z}$	
asc. node	-3346 Jun 26 j 12:24	20° $\text{Z}$ 07'43		asc. node	-3345 Jun 13 j 09:27	9° $\text{Z}$ 06'06	
	-3346 Jul 02 j 00:59	0° $\text{II}$		morning set	-3345 Jun 19 j 08:07	20° $\text{Z}$ 37'03	
morning set	-3346 Jul 05 j 06:11	6° $\text{II}$ 12'55			-3345 Jun 23 j 23:12	0° $\text{II}$	
superior conj	-3346 Jul 13 j 20:56	22° $\text{II}$ 58'56	1°48'55	superior conj	-3345 Jun 27 j 06:52	6° $\text{II}$ 40'06	1°43'59
minimum elong	-3346 Jul 13 j 20:48	22° $\text{II}$ 58'19	1°49'02	minimum elong	-3345 Jun 27 j 05:07	6° $\text{II}$ 31'24	1°43'59
	-3346 Jul 17 j 14:52	0° $\text{III}$		max. Earth dist.	-3345 Jul 02 j 20:34	17° $\text{II}$ 28'19	1.37080 AU
max. Earth dist.	-3346 Jul 20 j 17:21	5° $\text{III}$ 37'44	1.38976 AU	evening rise	-3345 Jul 06 j 18:07	24° $\text{II}$ 39'59	
evening rise	-3346 Jul 24 j 16:35	12° $\text{III}$ 34'44			-3345 Jul 09 j 18:14	0° $\text{III}$	
	-3346 Aug 04 j 09:05	0° $\text{IV}$		desc. node	-3345 Jul 25 j 09:20	24° $\text{III}$ 55'28	
desc. node	-3346 Aug 07 j 12:20	4° $\text{IV}$ 46'40			-3345 Jul 28 j 23:27	0° $\text{IV}$	
	-3346 Aug 26 j 09:06	0° $\text{V}$		evening max el	-3345 Aug 11 j 15:29	16° $\text{IV}$ 29'59	25°34'14
evening max el	-3346 Aug 29 j 04:46	2° $\text{V}$ 58'27	24°19'38	retrograde	-3345 Aug 23 j 18:51	23° $\text{IV}$ 30'06	
retrograde	-3346 Sep 09 j 08:43	9° $\text{V}$ 31'22		evening set	-3345 Aug 29 j 20:04	20° $\text{IV}$ 55'06	
evening set	-3346 Sep 14 j 19:02	7° $\text{V}$ 13'07		min. Earth dist.	-3345 Sep 03 j 04:24	16° $\text{IV}$ 04'34	0.66789 AU
min. Earth dist.	-3346 Sep 19 j 12:01	1° $\text{V}$ 46'03	0.67289 AU	inferior conj	-3345 Sep 04 j 07:01	14° $\text{IV}$ 38'45	-1°40'59
inferior conj	-3346 Sep 20 j 03:26	0° $\text{V}$ 54'06	-0°47'50	minimum elong	-3345 Sep 04 j 09:23	14° $\text{IV}$ 31'07	1°39'58
minimum elong	-3346 Sep 20 j 04:34	0° $\text{V}$ 50'18	0°47'17	asc. node	-3345 Sep 09 j 08:36	9° $\text{IV}$ 06'09	
	-3346 Sep 20 j 19:35	30° $\text{R}$ 00		morning rise	-3345 Sep 09 j 22:49	8° $\text{IV}$ 41'13	
asc. node	-3346 Sep 22 j 11:31	27° $\text{IV}$ 52'14		direct	-3345 Sep 13 j 07:30	7° $\text{IV}$ 35'49	
morning rise	-3346 Sep 25 j 14:05	24° $\text{IV}$ 47'46		morning max el	-3345 Sep 20 j 12:52	11° $\text{IV}$ 43'27	19°26'40
direct	-3346 Sep 29 j 09:21	23° $\text{IV}$ 25'00			-3345 Oct 03 j 23:38	0° $\text{V}$	
morning max el	-3346 Oct 07 j 08:50	28° $\text{IV}$ 04'07	20°29'16	morning set	-3345 Oct 14 j 12:04	16° $\text{V}$ 15'59	
	-3346 Oct 09 j 03:43	0° $\text{VI}$		desc. node	-3345 Oct 21 j 08:56	26° $\text{V}$ 59'54	
	-3346 Oct 30 j 08:24	0° $\text{VII}$			-3345 Oct 23 j 06:52	0° $\text{VII}$	
desc. node	-3346 Nov 03 j 11:56	6° $\text{VII}$ 22'26		max. Earth dist.	-3345 Oct 28 j 00:22	7° $\text{VII}$ 27'15	1.44458 AU
morning set	-3346 Nov 04 j 09:59	7° $\text{VII}$ 47'49		superior conj	-3345 Oct 31 j 05:25	12° $\text{VII}$ 33'22	-1°00'12
max. Earth dist.	-3346 Nov 14 j 10:05	23° $\text{VII}$ 35'35	1.43359 AU	minimum elong	-3345 Oct 30 j 22:40	12° $\text{VII}$ 06'30	0°59'26
	-3346 Nov 18 j 08:41	0° $\text{VIII}$			-3345 Nov 10 j 23:35	0° $\text{VIII}$	
superior conj	-3346 Nov 20 j 12:08	3° $\text{VIII}$ 32'13	-1°35'01	evening rise	-3345 Nov 14 j 15:36	6° $\text{VIII}$ 04'43	
minimum elong	-3346 Nov 20 j 05:49	3° $\text{VIII}$ 06'03	1°34'34		-3345 Nov 29 j 12:47	0° $\text{IX}$	
evening rise	-3346 Dec 02 j 22:55	24° $\text{VIII}$ 49'19		evening max el	-3345 Dec 03 j 21:07	5° $\text{IX}$ 21'11	18°27'03
	-3346 Dec 05 j 21:54	0° $\text{X}$		asc. node	-3345 Dec 06 j 07:36	7° $\text{IX}$ 28'25	
asc. node	-3346 Dec 19 j 10:32	21° $\text{IX}$ 02'08		retrograde	-3345 Dec 10 j 11:22	8° $\text{IX}$ 59'21	
evening max el	-3346 Dec 20 j 08:35	22° $\text{IX}$ 00'38	18°09'38	evening set	-3345 Dec 13 j 10:14	8° $\text{IX}$ 11'35	
retrograde	-3346 Dec 26 j 22:06	25° $\text{IX}$ 29'04		inferior conj	-3345 Dec 19 j 10:12	2° $\text{IX}$ 39'48	3°32'55
evening set	-3346 Dec 29 j 16:40	24° $\text{IX}$ 50'48		minimum elong	-3345 Dec 19 j 07:22	2° $\text{IX}$ 47'59	3°32'17
inferior conj	-3345 Jan 05 j 01:30	19° $\text{IX}$ 37'46	3°55'19	min. Earth dist.	-3345 Dec 21 j 12:40	0° $\text{X}$ 14'31	0.64230 AU
minimum elong	-3345 Jan 04 j 23:48	19° $\text{IX}$ 42'10	3°55'04		-3345 Dec 21 j 17:51	30° $\text{R}$ 00	
min. Earth dist.	-3345 Jan 07 j 18:39	16° $\text{X}$ 49'10	0.62559 AU	morning rise	-3345 Dec 25 j 03:59	26° $\text{VIII}$ 36'53	
morning rise	-3345 Jan 11 j 06:05	13° $\text{X}$ 44'04		direct	-3344 Jan 01 j 01:56	23° $\text{VIII}$ 45'58	
direct	-3345 Jan 18 j 07:29	11° $\text{X}$ 05'32			-3344 Jan 13 j 00:41	0° $\text{X}$	
desc. node	-3345 Jan 30 j 11:18	17° $\text{X}$ 11'47		morning max el	-3344 Jan 14 j 14:09	1° $\text{X}$ 29'32	27°24'07
morning max el	-3345 Feb 01 j 05:17	18° $\text{X}$ 50'46	27°43'27	desc. node	-3344 Jan 17 j 08:23	4° $\text{X}$ 23'26	
	-3345 Feb 10 j 17:08	0° $\text{XI}$			-3344 Feb 04 j 20:09	0° $\text{XI}$	
	-3345 Mar 01 j 08:14	0° $\text{XII}$		morning set	-3344 Feb 18 j 16:21	24° $\text{XI}$ 49'28	
morning set	-3345 Mar 06 j 21:27	10° $\text{XII}$ 48'56			-3344 Feb 21 j 06:34	0° $\text{XII}$	
max. Earth dist.	-3345 Mar 12 j 13:09	22° $\text{XII}$ 37'22	1.32929 AU	max. Earth dist.	-3344 Feb 23 j 14:53	4° $\text{XII}$ 48'43	1.33679 AU
superior conj	-3345 Mar 14 j 08:46	26° $\text{XII}$ 32'13	-0°31'27	superior conj	-3344 Feb 26 j 14:54	11° $\text{XII}$ 06'47	-0°56'13
minimum elong	-3345 Mar 14 j 10:11	26° $\text{XII}$ 39'54	0°31'14	minimum elong	-3344 Feb 26 j 17:21	11° $\text{XII}$ 19'47	0°55'51

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3344 Mar 03 j 06:56	23° $\approx$ 12'02		max. Earth dist.	-3343 Feb 05 j 05:33	16° $\approx$ 24'20	1.34870 AU
evening rise	-3344 Mar 04 j 20:46	26° $\approx$ 31'33					
	-3344 Mar 06 j 12:58	0° $\approx$		superior conj	-3343 Feb 09 j 15:16	25° $\approx$ 19'33	-1°19'04
	-3344 Mar 25 j 09:06	0° $\approx$		minimum elong	-3343 Feb 09 j 18:24	25° $\approx$ 35'44	1°18'43
evening max el	-3344 Mar 26 j 10:47	1° $\approx$ 03'45	22°23'35		-3343 Feb 11 j 21:20	0° $\approx$	
retrograde	-3344 Apr 08 j 08:43	7° $\approx$ 22'14		evening rise	-3343 Feb 17 j 05:37	11° $\approx$ 09'03	
evening set	-3344 Apr 11 j 07:31	7° $\approx$ 03'04		asc. node	-3343 Feb 18 j 03:56	13° $\approx$ 03'47	
desc. node	-3344 Apr 14 j 07:17	6° $\approx$ 07'48			-3343 Feb 27 j 04:53	0° $\approx$	
min. Earth dist.	-3344 Apr 19 j 18:52	3° $\approx$ 22'36	0.55327 AU	evening max el	-3343 Mar 08 j 11:49	12° $\approx$ 07'59	20°56'45
inferior conj	-3344 Apr 20 j 16:15	2° $\approx$ 52'12	-1°44'17	retrograde	-3343 Mar 19 j 22:13	17° $\approx$ 35'46	
minimum elong	-3344 Apr 20 j 11:40	2° $\approx$ 58'43	1°42'48	evening set	-3343 Mar 22 j 06:43	17° $\approx$ 22'45	
	-3344 Apr 26 j 06:20	30° $\approx$ 11'11		inferior conj	-3343 Mar 31 j 11:24	13° $\approx$ 24'52	0°11'50
morning rise	-3344 Apr 29 j 17:34	28° $\approx$ 55'20		minimum elong	-3343 Mar 31 j 11:57	13° $\approx$ 24'05	0°11'37
direct	-3344 May 02 j 09:00	28° $\approx$ 39'21		transit middle	-3343 Mar 31 j 11:57	13° $\approx$ 24'05	0°11'37
	-3344 May 08 j 03:27	0° $\approx$		transit begin	-3343 Mar 31 j 09:10	13° $\approx$ 28'03	
morning max el	-3344 May 13 j 22:45	4° $\approx$ 04'38	21°06'56	transit end	-3343 Mar 31 j 14:44	13° $\approx$ 20'07	
asc. node	-3344 May 30 j 06:28	28° $\approx$ 32'05		desc. node	-3343 Apr 01 j 04:23	13° $\approx$ 00'38	
	-3344 May 31 j 00:16	0° $\approx$		min. Earth dist.	-3343 Apr 01 j 09:04	12° $\approx$ 53'58	0.55191 AU
morning set	-3344 Jun 02 j 15:25	5° $\approx$ 19'52		morning rise	-3343 Apr 09 j 16:26	9° $\approx$ 14'30	
				direct	-3343 Apr 12 j 20:56	8° $\approx$ 52'22	
superior conj	-3344 Jun 10 j 03:17	20° $\approx$ 54'44	1°32'20	morning max el	-3343 Apr 25 j 21:54	15° $\approx$ 10'35	22°39'42
minimum elong	-3344 Jun 10 j 00:45	20° $\approx$ 41'40	1°32'09		-3343 May 07 j 08:30	0° $\approx$	
max. Earth dist.	-3344 Jun 14 j 06:23	29° $\approx$ 16'51	1.35451 AU	asc. node	-3343 May 17 j 03:29	18° $\approx$ 18'32	
	-3344 Jun 14 j 15:04	0° $\approx$		morning set	-3343 May 18 j 02:02	20° $\approx$ 15'27	
evening rise	-3344 Jun 18 j 15:05	7° $\approx$ 44'36			-3343 May 22 j 16:24	0° $\approx$	
	-3344 Jul 01 j 09:47	0° $\approx$					
desc. node	-3344 Jul 11 j 06:21	14° $\approx$ 40'09		superior conj	-3343 May 25 j 06:56	5° $\approx$ 32'52	1°15'45
evening max el	-3344 Jul 24 j 02:35	0° $\approx$ 00'24	26°35'02	minimum elong	-3343 May 25 j 04:18	5° $\approx$ 18'58	1°15'27
	-3344 Jul 24 j 02:25	0° $\approx$		max. Earth dist.	-3343 May 28 j 02:14	11° $\approx$ 26'16	1.34184 AU
retrograde	-3344 Aug 06 j 00:08	7° $\approx$ 16'50		evening rise	-3343 Jun 02 j 02:27	21° $\approx$ 34'16	
evening set	-3344 Aug 12 j 14:47	4° $\approx$ 31'07			-3343 Jun 06 j 12:34	0° $\approx$	
min. Earth dist.	-3344 Aug 16 j 15:15	0° $\approx$ 18'34	0.65943 AU		-3343 Jun 25 j 05:18	0° $\approx$	
	-3344 Aug 16 j 21:27	30° $\approx$ 11'11		desc. node	-3343 Jun 28 j 03:21	3° $\approx$ 50'32	
inferior conj	-3344 Aug 18 j 06:12	28° $\approx$ 20'45	-2°31'37	evening max el	-3343 Jul 06 j 14:04	13° $\approx$ 22'00	27°14'06
minimum elong	-3344 Aug 18 j 09:36	28° $\approx$ 10'30	2°30'21	retrograde	-3343 Jul 20 j 00:02	20° $\approx$ 44'26	
morning rise	-3344 Aug 24 j 04:44	22° $\approx$ 34'58		evening set	-3343 Jul 27 j 00:29	17° $\approx$ 57'36	
asc. node	-3344 Aug 26 j 05:42	21° $\approx$ 48'57		min. Earth dist.	-3343 Jul 30 j 18:21	14° $\approx$ 22'00	0.64730 AU
direct	-3344 Aug 27 j 05:08	21° $\approx$ 43'33		inferior conj	-3343 Aug 01 j 22:48	11° $\approx$ 56'26	-3°17'19
morning max el	-3344 Sep 02 j 22:51	25° $\approx$ 28'26	18°39'20	minimum elong	-3343 Aug 02 j 02:43	11° $\approx$ 45'31	3°16'09
	-3344 Sep 06 j 18:25	0° $\approx$		morning rise	-3343 Aug 08 j 05:33	6° $\approx$ 25'37	
morning set	-3344 Sep 23 j 11:54	25° $\approx$ 50'17		direct	-3343 Aug 11 j 00:07	5° $\approx$ 44'52	
	-3344 Sep 26 j 02:12	0° $\approx$		asc. node	-3343 Aug 13 j 02:48	6° $\approx$ 08'25	
desc. node	-3344 Oct 07 j 05:54	17° $\approx$ 42'28		morning max el	-3343 Aug 17 j 12:37	9° $\approx$ 15'14	18°08'45
					-3343 Aug 31 j 14:54	0° $\approx$	
superior conj	-3344 Oct 09 j 05:54	20° $\approx$ 51'34	-0°12'45	morning set	-3343 Sep 04 j 15:29	6° $\approx$ 45'06	
minimum elong	-3344 Oct 09 j 04:13	20° $\approx$ 44'56	0°12'31				
behind sun begin	-3344 Oct 08 j 20:48	20° $\approx$ 15'45		superior conj	-3343 Sep 18 j 11:24	29° $\approx$ 02'39	0°35'37
behind sun end	-3344 Oct 09 j 11:37	21° $\approx$ 14'07		minimum elong	-3343 Sep 18 j 15:30	29° $\approx$ 04'50	0°35'08
max. Earth dist.	-3344 Oct 09 j 17:40	21° $\approx$ 37'55	1.44863 AU		-3343 Sep 18 j 19:13	0° $\approx$	
	-3344 Oct 15 j 01:11	0° $\approx$		max. Earth dist.	-3343 Sep 22 j 11:27	5° $\approx$ 51'26	1.44542 AU
evening rise	-3344 Oct 25 j 07:56	16° $\approx$ 16'55		desc. node	-3343 Sep 24 j 02:50	8° $\approx$ 27'10	
greatest brilliancy	-3344 Nov 01 j 10:33	27° $\approx$ 36'12	-0.8m	evening rise	-3343 Oct 05 j 00:52	25° $\approx$ 30'16	
	-3344 Nov 02 j 22:55	0° $\approx$			-3343 Oct 07 j 22:37	0° $\approx$	
evening max el	-3344 Nov 16 j 07:40	18° $\approx$ 46'30	19°02'12	greatest brilliancy	-3343 Oct 18 j 03:42	15° $\approx$ 35'30	-0.7m
asc. node	-3344 Nov 22 j 04:40	22° $\approx$ 37'17			-3343 Oct 28 j 14:02	0° $\approx$	
retrograde	-3344 Nov 23 j 05:54	22° $\approx$ 43'31		evening max el	-3343 Oct 30 j 14:05	2° $\approx$ 13'16	19°53'24
evening set	-3344 Nov 26 j 10:47	21° $\approx$ 44'16		retrograde	-3343 Nov 07 j 02:48	6° $\approx$ 37'04	
inferior conj	-3344 Dec 02 j 04:04	15° $\approx$ 56'34	2°58'42	asc. node	-3343 Nov 09 j 01:46	6° $\approx$ 14'54	
minimum elong	-3344 Dec 02 j 00:58	16° $\approx$ 06'15	2°57'44	evening set	-3343 Nov 10 j 15:48	5° $\approx$ 23'53	
min. Earth dist.	-3344 Dec 03 j 16:07	14° $\approx$ 04'03	0.65550 AU		-3343 Nov 15 j 17:06	30° $\approx$ 11'11	
morning rise	-3344 Dec 07 j 14:49	9° $\approx$ 47'17		inferior conj	-3343 Nov 16 j 04:16	29° $\approx$ 23'14	2°16'16
direct	-3344 Dec 14 j 02:50	6° $\approx$ 58'14		minimum elong	-3343 Nov 16 j 01:32	29° $\approx$ 32'15	2°15'15
morning max el	-3344 Dec 26 j 23:47	14° $\approx$ 29'39	26°34'34	min. Earth dist.	-3343 Nov 17 j 03:14	28° $\approx$ 07'22	0.66508 AU
desc. node	-3343 Jan 03 j 05:26	22° $\approx$ 42'47		morning rise	-3343 Nov 21 j 11:02	23° $\approx$ 10'00	
	-3343 Jan 08 j 17:24	0° $\approx$		direct	-3343 Nov 27 j 09:21	20° $\approx$ 33'46	
	-3343 Jan 27 j 13:11	0° $\approx$		morning max el	-3343 Dec 09 j 08:36	27° $\approx$ 39'34	25°23'02
morning set	-3343 Jan 31 j 23:45	8° $\approx$ 10'54			-3343 Dec 11 j 13:58	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3343 Dec 21 j 02:27	11° $\mathbb{M}$ 49'24		desc. node	-3342 Dec 07 j 23:28	1° $\mathbb{M}$ 29'39	
	-3342 Jan 02 j 10:14	0° $\mathbb{X}$			-3342 Dec 26 j 04:29	0° $\mathbb{X}$	
morning set	-3342 Jan 14 j 14:42	20° $\mathbb{X}$ 37'49		morning set	-3342 Dec 27 j 07:16	1° $\mathbb{X}$ 54'19	
max. Earth dist.	-3342 Jan 18 j 08:46	27° $\mathbb{X}$ 33'00	1.36507 AU	max. Earth dist.	-3342 Dec 31 j 05:15	8° $\mathbb{X}$ 44'59	1.38480 AU
	-3342 Jan 19 j 15:50	0° $\mathbb{Z}$					
superior conj	-3342 Jan 24 j 07:00	9° $\mathbb{Z}$ 01'14	-1°38'20	superior conj	-3341 Jan 07 j 10:26	22° $\mathbb{Z}$ 01'46	-1°51'41
minimum elong	-3342 Jan 24 j 10:10	9° $\mathbb{Z}$ 16'58	1°38'08	minimum elong	-3341 Jan 07 j 12:33	22° $\mathbb{Z}$ 11'45	1°51'42
evening rise	-3342 Feb 01 j 10:05	25° $\mathbb{Z}$ 27'04		evening rise	-3341 Jan 11 j 13:46	0° $\mathbb{Z}$	
	-3342 Feb 03 j 16:39	0° $\approx$		asc. node	-3341 Jan 16 j 07:50	9° $\mathbb{Z}$ 19'15	
asc. node	-3342 Feb 05 j 00:57	2° $\approx$ 38'09		asc. node	-3341 Jan 22 j 22:00	21° $\mathbb{Z}$ 48'58	
evening max el	-3342 Feb 18 j 23:16	23° $\approx$ 46'08	19°45'14		-3341 Jan 27 j 22:21	0° $\approx$	
retrograde	-3342 Feb 28 j 16:40	28° $\approx$ 23'25		evening max el	-3341 Feb 01 j 20:46	5° $\approx$ 59'16	18°52'48
evening set	-3342 Mar 02 j 23:36	28° $\approx$ 09'14		retrograde	-3341 Feb 10 j 03:20	9° $\approx$ 58'20	
inferior conj	-3342 Mar 11 j 13:38	24° $\approx$ 06'38	1°59'31	evening set	-3341 Feb 12 j 13:12	9° $\approx$ 39'24	
minimum elong	-3342 Mar 11 j 18:06	23° $\approx$ 59'37	1°58'05	inferior conj	-3341 Feb 20 j 09:32	5° $\approx$ 20'27	3°14'33
min. Earth dist.	-3342 Mar 13 j 23:22	22° $\approx$ 36'37	0.55985 AU	minimum elong	-3341 Feb 20 j 13:58	5° $\approx$ 12'23	3°13'32
desc. node	-3342 Mar 19 j 01:30	19° $\approx$ 57'48		min. Earth dist.	-3341 Feb 23 j 15:06	3° $\approx$ 01'04	0.57511 AU
morning rise	-3342 Mar 20 j 10:14	19° $\approx$ 28'57		morning rise	-3341 Feb 28 j 12:09	0° $\approx$ 12'40	
direct	-3342 Mar 24 j 15:43	18° $\approx$ 49'06			-3341 Mar 01 j 00:31	30° $\mathbb{R}$ $\mathbb{Z}$	
morning max el	-3342 Apr 07 j 13:57	25° $\approx$ 48'23	24°19'09	direct	-3341 Mar 05 j 22:55	29° $\mathbb{Z}$ 01'15	
	-3342 Apr 11 j 12:29	0° $\mathbb{X}$		desc. node	-3341 Mar 05 j 22:36	29° $\mathbb{Z}$ 01'15	
	-3342 Apr 30 j 00:44	0° $\mathbb{Y}$			-3341 Mar 10 j 22:21	0° $\approx$	
morning set	-3342 May 02 j 14:07	5° $\mathbb{Y}$ 16'45		morning max el	-3341 Mar 20 j 05:12	6° $\approx$ 25'30	25°51'24
asc. node	-3342 May 04 j 00:29	8° $\mathbb{Y}$ 18'32			-3341 Apr 06 j 12:38	0° $\mathbb{X}$	
				morning set	-3341 Apr 17 j 02:00	20° $\mathbb{X}$ 17'52	
superior conj	-3342 May 09 j 15:12	20° $\mathbb{Y}$ 25'15	0°55'35	asc. node	-3341 Apr 20 j 21:30	28° $\mathbb{X}$ 27'13	
minimum elong	-3342 May 09 j 13:00	20° $\mathbb{Y}$ 13'23	0°55'14		-3341 Apr 21 j 14:33	0° $\mathbb{Y}$	
max. Earth dist.	-3342 May 11 j 07:15	24° $\mathbb{Y}$ 00'51	1.33286 AU	superior conj	-3341 Apr 24 j 02:06	5° $\mathbb{Y}$ 25'07	0°32'52
	-3342 May 14 j 03:00	0° $\mathbb{B}$		minimum elong	-3341 Apr 24 j 00:42	5° $\mathbb{Y}$ 17'26	0°32'35
evening rise	-3342 May 16 j 23:55	5° $\mathbb{B}$ 54'54		max. Earth dist.	-3341 Apr 24 j 18:17	6° $\mathbb{Y}$ 53'27	1.32740 AU
	-3342 May 30 j 03:02	0° $\mathbb{I}$		evening rise	-3341 May 01 j 04:19	20° $\mathbb{Y}$ 36'03	
desc. node	-3342 Jun 15 j 00:24	22° $\mathbb{I}$ 11'44			-3341 May 05 j 21:07	0° $\mathbb{B}$	
evening max el	-3342 Jun 19 j 00:03	26° $\mathbb{I}$ 21'37	27°24'56		-3341 May 24 j 11:25	0° $\mathbb{I}$	
	-3342 Jun 23 j 07:04	0° $\mathbb{E}$		evening max el	-3341 Jun 01 j 05:47	8° $\mathbb{I}$ 45'55	27°03'26
retrograde	-3342 Jul 02 j 17:45	3° $\mathbb{E}$ 44'07		desc. node	-3341 Jun 01 j 21:29	9° $\mathbb{I}$ 22'48	
evening set	-3342 Jul 09 j 21:49	1° $\mathbb{E}$ 08'41		retrograde	-3341 Jun 15 j 04:38	16° $\mathbb{I}$ 06'40	
	-3342 Jul 11 j 09:03	30° $\mathbb{R}$ $\mathbb{I}$		evening set	-3341 Jun 22 j 02:40	13° $\mathbb{I}$ 56'31	
min. Earth dist.	-3342 Jul 13 j 11:55	28° $\mathbb{I}$ 04'35	0.63142 AU	min. Earth dist.	-3341 Jun 25 j 19:19	11° $\mathbb{I}$ 12'10	0.61240 AU
inferior conj	-3342 Jul 16 j 06:04	25° $\mathbb{I}$ 19'44	-3°54'44	inferior conj	-3341 Jun 29 j 00:41	8° $\mathbb{I}$ 22'26	-4°18'40
minimum elong	-3342 Jul 16 j 09:39	25° $\mathbb{I}$ 10'44	3°53'58	minimum elong	-3341 Jun 29 j 02:37	8° $\mathbb{I}$ 18'09	4°18'25
morning rise	-3342 Jul 22 j 22:29	20° $\mathbb{I}$ 07'10		morning rise	-3341 Jul 06 j 04:12	3° $\mathbb{I}$ 30'55	
direct	-3342 Jul 25 j 13:25	19° $\mathbb{I}$ 34'27		direct	-3341 Jul 08 j 17:15	3° $\mathbb{I}$ 04'19	
asc. node	-3342 Jul 30 j 23:53	21° $\mathbb{I}$ 55'13		morning max el	-3341 Jul 15 j 17:07	6° $\mathbb{I}$ 32'02	18°02'08
morning max el	-3342 Aug 01 j 03:38	22° $\mathbb{I}$ 58'41	17°56'04	asc. node	-3341 Jul 17 j 20:57	8° $\mathbb{I}$ 53'46	
	-3342 Aug 06 j 15:55	0° $\mathbb{E}$			-3341 Jul 30 j 18:18	0° $\mathbb{E}$	
morning set	-3342 Aug 17 j 19:21	18° $\mathbb{E}$ 49'46		morning set	-3341 Jul 31 j 17:46	1° $\mathbb{E}$ 48'04	
	-3342 Aug 24 j 05:04	0° $\mathbb{Q}$					
superior conj	-3342 Aug 29 j 16:11	9° $\mathbb{Q}$ 15'57	1°13'39	superior conj	-3341 Aug 11 j 00:38	20° $\mathbb{E}$ 25'51	1°37'22
minimum elong	-3342 Aug 29 j 21:49	9° $\mathbb{Q}$ 39'30	1°13'09	minimum elong	-3341 Aug 11 j 04:28	20° $\mathbb{E}$ 42'38	1°37'13
max. Earth dist.	-3342 Sep 05 j 02:53	19° $\mathbb{Q}$ 50'42	1.43539 AU		-3341 Aug 16 j 14:02	0° $\mathbb{Q}$	
desc. node	-3342 Sep 10 j 23:48	29° $\mathbb{Q}$ 11'15		max. Earth dist.	-3341 Aug 18 j 12:57	3° $\mathbb{Q}$ 16'25	1.41987 AU
	-3342 Sep 11 j 12:14	0° $\mathbb{P}$		evening rise	-3341 Aug 24 j 17:21	13° $\mathbb{Q}$ 20'09	
evening rise	-3342 Sep 14 j 05:36	4° $\mathbb{P}$ 14'41		desc. node	-3341 Aug 28 j 20:47	19° $\mathbb{Q}$ 51'10	
	-3342 Oct 01 j 10:05	0° $\mathbb{U}$			-3341 Sep 04 j 12:48	0° $\mathbb{P}$	
evening max el	-3342 Oct 13 j 14:48	15° $\mathbb{U}$ 39'45	20°58'13	evening max el	-3341 Sep 26 j 09:19	29° $\mathbb{P}$ 05'14	22°13'16
retrograde	-3342 Oct 21 j 23:54	20° $\mathbb{U}$ 37'23			-3341 Sep 27 j 07:32	0° $\mathbb{U}$	
evening set	-3342 Oct 25 j 23:13	19° $\mathbb{U}$ 07'45		retrograde	-3341 Oct 05 j 19:28	4° $\mathbb{U}$ 41'21	
asc. node	-3342 Oct 26 j 22:52	18° $\mathbb{U}$ 17'35		evening set	-3341 Oct 10 j 07:07	2° $\mathbb{U}$ 53'17	
inferior conj	-3342 Oct 31 j 08:31	12° $\mathbb{U}$ 57'21	1°28'15		-3341 Oct 13 j 01:46	30° $\mathbb{R}$ $\mathbb{P}$	
minimum elong	-3342 Oct 31 j 06:35	13° $\mathbb{U}$ 03'56	1°27'28	asc. node	-3341 Oct 13 j 20:00	29° $\mathbb{P}$ 01'59	
min. Earth dist.	-3342 Oct 31 j 19:51	12° $\mathbb{U}$ 18'37	0.67124 AU	inferior conj	-3341 Oct 15 j 14:50	26° $\mathbb{P}$ 36'35	0°36'38
morning rise	-3342 Nov 05 j 13:48	6° $\mathbb{U}$ 42'31		minimum elong	-3341 Oct 15 j 13:59	26° $\mathbb{P}$ 39'30	0°36'18
direct	-3342 Nov 10 j 20:50	4° $\mathbb{U}$ 25'36		min. Earth dist.	-3341 Oct 15 j 15:37	26° $\mathbb{P}$ 33'54	0.67425 AU
morning max el	-3342 Nov 21 j 17:19	10° $\mathbb{U}$ 54'00	23°59'15	morning rise	-3341 Oct 20 j 20:45	20° $\mathbb{P}$ 22'39	
	-3342 Dec 06 j 22:21	0° $\mathbb{M}$		direct	-3341 Oct 25 j 12:41	18° $\mathbb{P}$ 27'28	
				morning max el	-3341 Nov 04 j 04:27	24° $\mathbb{P}$ 12'12	22°32'37



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3341 Nov 09 j 07:12	0°♌					-3340 Nov 02 j 19:22	0°♌			
desc. node	-3341 Nov 24 j 20:27	21°♌33'26				desc. node	-3340 Nov 10 j 17:27	11°♌54'18			
	-3341 Nov 30 j 09:44	0°♍				morning set	-3340 Nov 16 j 05:30	20°♌25'51			
morning set	-3341 Dec 07 j 19:53	11°♍47'30					-3340 Nov 22 j 05:46	0°♍			
max. Earth dist.	-3341 Dec 13 j 02:15	20°♍32'41	1.40557 AU			max. Earth dist.	-3340 Nov 24 j 05:15	3°♍13'02	1.42455 AU		
	-3341 Dec 18 j 13:12	0°♎									
						superior conj	-3340 Dec 01 j 08:16	15°♍07'00	-1°47'18		
superior conj	-3341 Dec 20 j 20:43	4°♎07'56	-1°55'57			minimum elong	-3340 Dec 01 j 03:58	14°♍48'40	1°47'08		
minimum elong	-3341 Dec 20 j 20:15	4°♎05'50	1°56'04				-3340 Dec 09 j 20:19	0°♎			
evening rise	-3341 Dec 30 j 19:50	22°♎37'45				evening rise	-3340 Dec 12 j 18:29	5°♎15'10			
	-3340 Jan 03 j 18:24	0°♏				asc. node	-3340 Dec 26 j 16:07	28°♎25'36			
asc. node	-3340 Jan 09 j 19:03	10°♏28'01					-3340 Dec 27 j 22:27	0°♏			
evening max el	-3340 Jan 16 j 02:06	18°♏40'57	18°20'31			evening max el	-3340 Dec 29 j 12:31	1°♏43'38	18°08'07		
retrograde	-3340 Jan 23 j 08:32	22°♏17'14				retrograde	-3339 Jan 05 j 05:26	5°♏11'11			
evening set	-3340 Jan 25 j 21:47	21°♏51'43				evening set	-3339 Jan 07 j 21:58	4°♏37'55			
inferior conj	-3340 Feb 02 j 02:02	17°♏12'12	3°52'40				-3339 Jan 14 j 03:36	30°♏♎			
minimum elong	-3340 Feb 02 j 04:03	17°♏07'58	3°52'23			inferior conj	-3339 Jan 14 j 13:05	29°♎37'06	4°00'48		
min. Earth dist.	-3340 Feb 05 j 11:02	14°♏22'43	0.59443 AU			minimum elong	-3339 Jan 14 j 12:30	29°♎38'31	4°00'41		
morning rise	-3340 Feb 09 j 08:17	11°♏40'56				min. Earth dist.	-3339 Jan 17 j 13:57	26°♎41'40	0.61464 AU		
direct	-3340 Feb 15 j 18:46	9°♏50'19				morning rise	-3339 Jan 21 j 01:46	23°♎50'09			
desc. node	-3340 Feb 20 j 19:42	10°♏54'23				direct	-3339 Jan 28 j 01:09	21°♎25'06			
morning max el	-3340 Mar 01 j 00:56	17°♏28'18	27°01'27			desc. node	-3339 Feb 06 j 16:47	25°♎19'18			
	-3340 Mar 11 j 10:58	0°♐				morning max el	-3339 Feb 11 j 02:45	29°♎09'35	27°38'37		
	-3340 Mar 28 j 22:53	0°♑					-3339 Feb 11 j 22:53	0°♏			
morning set	-3340 Mar 31 j 11:58	5°♑12'33					-3339 Mar 05 j 06:49	0°♐			
asc. node	-3340 Apr 06 j 18:31	18°♑40'21				morning set	-3339 Mar 15 j 17:59	19°♐52'46			
							-3339 Mar 20 j 13:21	0°♑			
superior conj	-3340 Apr 07 j 13:53	20°♑26'25	0°08'28			max. Earth dist.	-3339 Mar 21 j 19:28	2°♑42'39	1.32669 AU		
minimum elong	-3340 Apr 07 j 13:31	20°♑24'20	0°08'21								
behind sun begin	-3340 Apr 07 j 09:14	20°♑00'57				superior conj	-3339 Mar 23 j 00:50	5°♑22'18	-0°16'50		
behind sun end	-3340 Apr 07 j 17:47	20°♑47'44				minimum elong	-3339 Mar 23 j 01:36	5°♑26'28	0°16'44		
max. Earth dist.	-3340 Apr 07 j 07:39	19°♑52'18	1.32529 AU			asc. node	-3339 Mar 24 j 15:31	8°♑53'06			
	-3340 Apr 11 j 23:11	0°♒				evening rise	-3339 Mar 30 j 00:13	20°♑26'35			
evening rise	-3340 Apr 14 j 13:07	5°♒29'21					-3339 Apr 03 j 16:48	0°♒			
	-3340 Apr 27 j 14:34	0°♓					-3339 Apr 23 j 10:34	0°♓			
evening max el	-3340 May 13 j 05:25	20°♓28'18	26°09'57			evening max el	-3339 Apr 24 j 23:16	1°♓31'45	24°50'43		
desc. node	-3340 May 18 j 18:34	24°♓55'15				desc. node	-3339 May 05 j 15:40	8°♓12'09			
retrograde	-3340 May 27 j 07:28	27°♓45'23				retrograde	-3339 May 08 j 23:36	8°♓37'53			
evening set	-3340 Jun 02 j 11:09	26°♓11'42				evening set	-3339 May 13 j 21:49	7°♓42'26			
min. Earth dist.	-3340 Jun 06 j 18:11	23°♓30'09	0.59190 AU			min. Earth dist.	-3339 May 19 j 11:25	4°♓47'29	0.57272 AU		
inferior conj	-3340 Jun 10 j 03:05	20°♓55'55	-4°21'13			inferior conj	-3339 May 22 j 10:04	2°♓50'32	-3°51'54		
minimum elong	-3340 Jun 10 j 01:51	20°♓58'16	4°21'04			minimum elong	-3339 May 22 j 05:13	2°♓58'38	3°51'03		
morning rise	-3340 Jun 17 j 19:03	16°♓26'22					-3339 May 27 j 02:59	30°♓♒			
direct	-3340 Jun 20 j 07:15	16°♓04'40				morning rise	-3339 May 30 j 15:39	28°♒40'34			
morning max el	-3340 Jun 28 j 02:11	19°♓47'35	18°27'45			direct	-3339 Jun 02 j 03:33	28°♒22'40			
asc. node	-3340 Jul 03 j 18:00	26°♓49'09					-3339 Jun 07 j 18:21	0°♓			
	-3340 Jul 05 j 18:22	0°♔				morning max el	-3339 Jun 11 j 03:49	2°♓34'43	19°13'43		
morning set	-3340 Jul 14 j 05:49	15°♔27'35				asc. node	-3339 Jun 20 j 15:01	15°♓27'38			
	-3340 Jul 21 j 20:49	0°♕				morning set	-3339 Jun 28 j 03:32	29°♓37'40			
							-3339 Jun 28 j 08:03	0°♔			
superior conj	-3340 Jul 23 j 08:48	2°♕47'31	1°47'51			superior conj	-3339 Jul 06 j 10:47	16°♔03'35	1°47'46		
minimum elong	-3340 Jul 23 j 10:00	2°♕53'01	1°47'55			minimum elong	-3339 Jul 06 j 09:51	15°♔59'06	1°47'51		
max. Earth dist.	-3340 Jul 30 j 17:07	15°♕57'58	1.40105 AU			max. Earth dist.	-3339 Jul 12 j 18:52	28°♔00'42	1.38151 AU		
evening rise	-3340 Aug 04 j 03:25	23°♕29'54					-3339 Jul 13 j 21:08	0°♕			
	-3340 Aug 08 j 02:40	0°♖				evening rise	-3339 Jul 16 j 15:27	4°♕55'14			
desc. node	-3340 Aug 14 j 17:48	10°♖23'20					-3339 Aug 01 j 03:25	0°♖			
	-3340 Aug 28 j 10:19	0°♗				desc. node	-3339 Aug 01 j 14:49	0°♖42'20			
evening max el	-3340 Sep 07 j 22:57	12°♗32'23	23°33'35			evening max el	-3339 Aug 21 j 10:10	26°♖02'54	24°52'34		
retrograde	-3340 Sep 18 j 12:10	18°♗46'35					-3339 Aug 25 j 23:51	0°♗			
evening set	-3340 Sep 23 j 13:48	16°♗39'16				retrograde	-3339 Sep 02 j 00:51	2°♗48'48			
inferior conj	-3340 Sep 28 j 21:29	10°♗19'54	-0°16'49			evening set	-3339 Sep 07 j 17:26	0°♗23'13			
minimum elong	-3340 Sep 28 j 21:53	10°♗18'34	0°16'36				-3339 Sep 08 j 03:45	30°♖♕			
min. Earth dist.	-3340 Sep 28 j 12:04	10°♗52'08	0.67427 AU			min. Earth dist.	-3339 Sep 12 j 06:44	25°♕11'07	0.67117 AU		
asc. node	-3340 Sep 29 j 17:06	9°♗13'08				inferior conj	-3339 Sep 13 j 02:42	24°♕04'53	-1°10'33		
morning rise	-3340 Oct 04 j 05:54	4°♗09'44				minimum elong	-3339 Sep 13 j 04:22	23°♕59'20	1°09'47		
direct	-3340 Oct 08 j 08:07	2°♗35'44				asc. node	-3339 Sep 16 j 14:10	19°♕49'21			
morning max el	-3340 Oct 16 j 21:03	7°♗37'28	21°11'12								

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3339 Sep 18 j 15:20	18°Ω01'37		morning max el	-3338 Sep 13 j 03:31	4°Ω53'11	19°04'28
direct	-3339 Sep 22 j 05:48	16°Ω46'31			-3338 Sep 30 j 18:40	0°൬	
morning max el	-3339 Sep 29 j 20:48	21°Ω11'23	20°00'45	morning set	-3338 Oct 05 j 13:04	7°൬29'55	
	-3339 Oct 07 j 00:25	0°൬		desc. node	-3338 Oct 15 j 11:25	23°൬07'00	
morning set	-3339 Oct 26 j 03:21	28°൬37'34			-3338 Oct 19 j 20:21	0°Ω	
	-3339 Oct 27 j 00:37	0°Ω		max. Earth dist.	-3338 Oct 20 j 08:18	0°Ω47'07	1.44724 AU
desc. node	-3339 Oct 28 j 14:27	2°Ω27'03					
max. Earth dist.	-3339 Nov 06 j 15:54	16°Ω43'18	1.43906 AU	superior conj	-3338 Oct 22 j 00:44	3°Ω26'48	-0°41'00
				minimum elong	-3338 Oct 21 j 19:36	3°Ω06'29	0°40'22
superior conj	-3339 Nov 11 j 16:46	24°Ω50'14	-1°22'16	evening rise	-3338 Nov 06 j 06:01	27°Ω52'20	
minimum elong	-3339 Nov 11 j 09:37	24°Ω21'11	1°21'36		-3338 Nov 07 j 13:19	0°൬	
	-3339 Nov 14 j 20:25	0°൬		evening max el	-3338 Nov 26 j 13:08	28°൬23'29	18°39'56
evening rise	-3339 Nov 24 j 23:25	17°൬03'14			-3338 Nov 28 j 06:48	0°𐤔	
	-3339 Dec 02 j 13:38	0°𐤔		asc. node	-3338 Nov 30 j 10:15	1°𐤔25'17	
evening max el	-3339 Dec 13 j 01:07	15°𐤔00'08	18°14'53	retrograde	-3338 Dec 03 j 05:46	2°𐤔08'20	
asc. node	-3339 Dec 13 j 13:11	15°𐤔29'47		evening set	-3338 Dec 06 j 07:04	1°𐤔15'45	
retrograde	-3339 Dec 19 j 13:53	18°𐤔31'09			-3338 Dec 08 j 01:27	30°𐤔൬	
evening set	-3339 Dec 22 j 10:11	17°𐤔48'59		inferior conj	-3338 Dec 12 j 03:55	25°൬36'43	3°19'35
inferior conj	-3339 Dec 28 j 14:57	12°𐤔27'52	3°47'33	minimum elong	-3338 Dec 12 j 00:52	25°൬45'49	3°18'47
minimum elong	-3339 Dec 28 j 12:39	12°𐤔34'08	3°47'08	min. Earth dist.	-3338 Dec 14 j 00:02	23°൬24'56	0.64840 AU
min. Earth dist.	-3339 Dec 31 j 02:03	9°𐤔47'33	0.63312 AU	morning rise	-3338 Dec 17 j 18:19	19°൬31'00	
morning rise	-3338 Jan 03 j 14:27	6°𐤔30'10		direct	-3338 Dec 24 j 12:41	16°൬39'36	
direct	-3338 Jan 10 j 15:36	3°𐤔44'15		morning max el	-3337 Jan 06 j 18:57	24°൬18'32	27°06'20
morning max el	-3338 Jan 24 j 09:32	11°𐤔29'24	27°39'21	desc. node	-3337 Jan 11 j 10:55	29°൬23'24	
desc. node	-3338 Jan 24 j 13:51	11°𐤔40'07			-3337 Jan 11 j 23:17	0°𐤔	
	-3338 Feb 08 j 02:52	0°𐤔			-3337 Feb 01 j 11:40	0°𐤔	
	-3338 Feb 25 j 14:59	0°≈		morning set	-3337 Feb 11 j 08:12	17°𐤔55'32	
morning set	-3338 Feb 27 j 17:46	4°≈10'37		max. Earth dist.	-3337 Feb 15 j 23:26	27°𐤔08'35	1.34136 AU
max. Earth dist.	-3338 Mar 05 j 01:57	15°≈11'41	1.33193 AU		-3337 Feb 17 j 08:50	0°≈	
superior conj	-3338 Mar 07 j 09:17	20°≈06'48	-0°42'06	superior conj	-3337 Feb 19 j 13:13	4°≈32'43	-1°06'14
minimum elong	-3338 Mar 07 j 11:10	20°≈16'54	0°41'48	minimum elong	-3337 Feb 19 j 16:01	4°≈47'24	1°05'51
asc. node	-3338 Mar 11 j 12:31	29°≈01'25		asc. node	-3337 Feb 26 j 09:32	19°≈00'24	
	-3338 Mar 11 j 23:26	0°𐤔		evening rise	-3337 Feb 26 j 22:14	20°≈06'42	
evening rise	-3338 Mar 14 j 11:51	5°𐤔21'22			-3337 Mar 03 j 20:02	0°𐤔	
	-3338 Mar 27 j 19:51	0°൬		evening max el	-3337 Mar 19 j 10:59	23°𐤔02'33	21°45'04
evening max el	-3338 Apr 06 j 15:06	12°൬14'21	23°17'42	retrograde	-3337 Mar 31 j 18:49	29°𐤔00'24	
retrograde	-3338 Apr 20 j 02:40	18°൬54'51		evening set	-3337 Apr 03 j 09:56	28°𐤔44'53	
desc. node	-3338 Apr 22 j 12:43	18°൬41'54		desc. node	-3337 Apr 09 j 09:49	26°𐤔31'36	
evening set	-3338 Apr 23 j 16:42	18°൬26'44		inferior conj	-3337 Apr 12 j 18:38	24°𐤔41'37	-0°56'08
min. Earth dist.	-3338 May 01 j 01:48	15°൬06'45	0.55827 AU	minimum elong	-3337 Apr 12 j 16:01	24°𐤔45'17	0°55'14
inferior conj	-3338 May 02 j 21:18	14°൬02'39	-2°42'07	min. Earth dist.	-3337 Apr 12 j 15:22	24°𐤔46'12	0.55155 AU
minimum elong	-3338 May 02 j 15:15	14°൬11'36	2°40'24	morning rise	-3337 Apr 21 j 22:54	20°𐤔41'41	
morning rise	-3338 May 11 j 16:23	10°൬04'54		direct	-3337 Apr 24 j 18:35	20°𐤔24'05	
direct	-3338 May 14 j 05:28	9°൬49'03		morning max el	-3337 May 07 j 00:18	26°𐤔11'47	21°45'01
morning max el	-3338 May 24 j 19:31	14°൬44'19	20°20'08		-3337 May 10 j 14:16	0°൬	
	-3338 Jun 04 j 22:58	0°𐤔		asc. node	-3337 May 25 j 09:05	24°൬14'26	
asc. node	-3338 Jun 07 j 12:03	4°𐤔38'54		morning set	-3337 May 27 j 17:00	28°൬59'57	
morning set	-3338 Jun 12 j 08:03	14°𐤔10'45			-3337 May 28 j 04:35	0°𐤔	
superior conj	-3338 Jun 20 j 01:37	0°𐤔00'11	1°39'43	superior conj	-3337 Jun 04 j 01:27	14°𐤔25'55	1°25'48
minimum elong	-3338 Jun 19 j 23:26	29°𐤔49'11	1°39'40	minimum elong	-3337 Jun 03 j 22:48	14°𐤔12'06	1°25'35
	-3338 Jun 20 j 01:35	0°𐤔		max. Earth dist.	-3337 Jun 07 j 14:45	21°𐤔45'17	1.34865 AU
max. Earth dist.	-3338 Jun 25 j 00:31	9°𐤔48'14	1.36356 AU		-3337 Jun 11 j 18:34	0°𐤔	
evening rise	-3338 Jun 29 j 01:56	17°𐤔27'46		evening rise	-3337 Jun 12 j 05:34	0°𐤔53'03	
	-3338 Jul 06 j 04:22	0°𐤔			-3337 Jun 29 j 04:43	0°𐤔	
desc. node	-3338 Jul 19 j 11:49	20°𐤔41'54		desc. node	-3337 Jul 06 j 08:48	10°𐤔13'45	
	-3338 Jul 26 j 09:50	0°Ω		evening max el	-3337 Jul 17 j 08:35	23°𐤔03'59	26°54'41
evening max el	-3338 Aug 03 j 21:11	9°Ω35'33	26°02'16		-3337 Jul 27 j 18:21	0°Ω	
retrograde	-3338 Aug 16 j 08:49	16°Ω43'05		retrograde	-3337 Jul 30 j 11:43	0°Ω23'30	
evening set	-3338 Aug 22 j 16:02	14°Ω02'52			-3337 Aug 02 j 02:05	30°𐤔𐤔	
min. Earth dist.	-3338 Aug 26 j 21:02	9°Ω28'19	0.66480 AU	evening set	-3337 Aug 06 j 07:18	27°𐤔35'45	
inferior conj	-3338 Aug 28 j 04:40	7°Ω48'53	-2°02'53	min. Earth dist.	-3337 Aug 10 j 04:44	23°𐤔39'33	0.65478 AU
minimum elong	-3338 Aug 28 j 07:30	7°Ω39'57	2°01'44	inferior conj	-3337 Aug 12 j 01:22	21°𐤔29'13	-2°51'46
morning rise	-3338 Sep 02 j 23:08	1°Ω55'50		minimum elong	-3337 Aug 12 j 05:04	21°𐤔18'25	2°50'30
asc. node	-3338 Sep 03 j 11:16	1°Ω38'40		morning rise	-3337 Aug 18 j 03:14	15°𐤔49'37	
direct	-3338 Sep 06 j 04:06	0°Ω56'37		direct	-3337 Aug 21 j 00:57	15°𐤔03'03	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3337 Aug 21 j 08:21	15° $\text{☿}$ 03'35		morning rise	-3336 Aug 01 j 01:04	29° $\text{♊}$ 37'18	
morning max el	-3337 Aug 27 j 15:30	18° $\text{☿}$ 40'22	18°24'15	direct	-3336 Aug 03 j 17:46	29° $\text{♊}$ 00'23	
	-3337 Sep 05 j 02:29	0° $\text{♊}$		asc. node	-3336 Aug 07 j 05:26	0° $\text{☿}$ 01'59	
morning set	-3337 Sep 16 j 00:52	17° $\text{♊}$ 39'54			-3336 Aug 07 j 04:03	0° $\text{☿}$	
	-3337 Sep 23 j 15:26	0° $\text{♊}$		morning max el	-3336 Aug 10 j 06:13	2° $\text{☿}$ 27'06	18°01'13
				morning set	-3336 Aug 27 j 15:27	29° $\text{☿}$ 06'23	
superior conj	-3337 Oct 01 j 00:32	11° $\text{♊}$ 45'25	0°08'29		-3336 Aug 28 j 03:59	0° $\text{♊}$	
minimum elong	-3337 Oct 01 j 01:37	11° $\text{♊}$ 49'45	0°08'22				
behind sun begin	-3337 Sep 30 j 15:54	11° $\text{♊}$ 11'16		superior conj	-3336 Sep 09 j 14:37	20° $\text{♊}$ 49'15	0°53'23
behind sun end	-3337 Oct 01 j 11:21	12° $\text{♊}$ 28'12		minimum elong	-3336 Sep 09 j 19:56	21° $\text{♊}$ 10'54	0°52'50
desc. node	-3337 Oct 02 j 08:22	13° $\text{♊}$ 51'13		max. Earth dist.	-3336 Sep 14 j 19:39	29° $\text{♊}$ 12'42	1.44190 AU
max. Earth dist.	-3337 Oct 03 j 02:47	15° $\text{♊}$ 03'50	1.44818 AU		-3336 Sep 15 j 07:31	0° $\text{♊}$	
	-3337 Oct 12 j 14:57	0° $\text{♊}$		desc. node	-3336 Sep 18 j 05:19	4° $\text{♊}$ 36'15	
evening rise	-3337 Oct 17 j 11:57	7° $\text{♊}$ 38'57		evening rise	-3336 Sep 25 j 21:40	16° $\text{♊}$ 34'48	
greatest brilliancy	-3337 Oct 27 j 22:03	23° $\text{♊}$ 55'53	-0.8m		-3336 Oct 04 j 16:18	0° $\text{♊}$	
	-3337 Oct 31 j 22:03	0° $\text{♊}$		evening max el	-3336 Oct 23 j 02:11	25° $\text{♊}$ 16'21	20°19'24
evening max el	-3337 Nov 09 j 22:08	11° $\text{♊}$ 49'46	19°22'03	retrograde	-3336 Oct 30 j 23:07	29° $\text{♊}$ 54'18	
retrograde	-3337 Nov 17 j 01:46	15° $\text{♊}$ 57'27		asc. node	-3336 Nov 03 j 04:27	28° $\text{♊}$ 54'13	
asc. node	-3337 Nov 17 j 07:21	15° $\text{♊}$ 57'08		evening set	-3336 Nov 03 j 16:08	28° $\text{♊}$ 34'32	
evening set	-3337 Nov 20 j 09:51	14° $\text{♊}$ 52'29		inferior conj	-3336 Nov 09 j 03:03	22° $\text{♊}$ 29'12	1°56'27
inferior conj	-3337 Nov 26 j 00:50	8° $\text{♊}$ 58'34	2°41'30	minimum elong	-3336 Nov 09 j 00:37	22° $\text{♊}$ 37'23	1°55'30
minimum elong	-3337 Nov 25 j 21:49	9° $\text{♊}$ 08'13	2°40'30	min. Earth dist.	-3336 Nov 09 j 20:56	21° $\text{♊}$ 29'03	0.66810 AU
min. Earth dist.	-3337 Nov 27 j 07:01	7° $\text{♊}$ 21'42	0.66002 AU	morning rise	-3336 Nov 14 j 08:54	16° $\text{♊}$ 14'40	
morning rise	-3337 Dec 01 j 09:33	2° $\text{♊}$ 47'14		direct	-3336 Nov 20 j 00:41	13° $\text{♊}$ 46'07	
direct	-3337 Dec 07 j 15:55	0° $\text{♊}$ 02'53		morning max el	-3336 Dec 01 j 13:18	20° $\text{♊}$ 38'01	24°48'12
morning max el	-3337 Dec 20 j 04:35	7° $\text{♊}$ 25'03	26°06'15		-3336 Dec 09 j 15:24	0° $\text{♊}$	
desc. node	-3337 Dec 29 j 07:58	18° $\text{♊}$ 05'00		desc. node	-3336 Dec 15 j 05:00	7° $\text{♊}$ 27'32	
	-3336 Jan 06 j 20:25	0° $\text{♊}$			-3336 Dec 30 j 01:18	0° $\text{♊}$	
	-3336 Jan 24 j 21:15	0° $\text{♊}$		morning set	-3335 Jan 06 j 15:33	12° $\text{♊}$ 55'19	
morning set	-3336 Jan 25 j 09:16	0° $\text{♊}$ 55'35		max. Earth dist.	-3335 Jan 10 j 08:39	19° $\text{♊}$ 36'40	1.37313 AU
max. Earth dist.	-3336 Jan 29 j 09:19	8° $\text{♊}$ 31'36	1.35522 AU		-3335 Jan 15 j 20:50	0° $\text{♊}$	
superior conj	-3336 Feb 03 j 10:16	18° $\text{♊}$ 32'57	-1°27'49	superior conj	-3335 Jan 16 j 21:18	1° $\text{♊}$ 58'45	-1°44'54
minimum elong	-3336 Feb 03 j 13:31	18° $\text{♊}$ 49'29	1°27'31	minimum elong	-3335 Jan 17 j 00:10	2° $\text{♊}$ 12'47	1°44'48
	-3336 Feb 08 j 23:46	0° $\text{♊}$		evening rise	-3335 Jan 25 j 07:27	18° $\text{♊}$ 44'48	
evening rise	-3336 Feb 11 j 05:29	4° $\text{♊}$ 36'39		asc. node	-3335 Jan 30 j 03:36	28° $\text{♊}$ 11'05	
asc. node	-3336 Feb 13 j 06:33	8° $\text{♊}$ 45'28			-3335 Jan 31 j 03:02	0° $\text{♊}$	
	-3336 Feb 25 j 19:05	0° $\text{♊}$		evening max el	-3335 Feb 11 j 08:07	16° $\text{♊}$ 13'51	19°20'32
evening max el	-3336 Feb 29 j 16:07	4° $\text{♊}$ 19'29	20°24'01	retrograde	-3335 Feb 20 j 09:47	20° $\text{♊}$ 33'05	
retrograde	-3336 Mar 11 j 09:13	9° $\text{♊}$ 25'29		evening set	-3335 Feb 22 j 17:32	20° $\text{♊}$ 17'20	
evening set	-3336 Mar 13 j 15:48	9° $\text{♊}$ 12'38		inferior conj	-3335 Mar 03 j 00:06	16° $\text{♊}$ 09'01	2°35'59
inferior conj	-3336 Mar 22 j 15:02	5° $\text{♊}$ 14'15	1°00'32	minimum elong	-3335 Mar 03 j 05:01	16° $\text{♊}$ 00'51	2°34'36
minimum elong	-3336 Mar 22 j 17:40	5° $\text{♊}$ 10'21	0°59'35	min. Earth dist.	-3335 Mar 05 j 20:37	14° $\text{♊}$ 15'53	0.56555 AU
min. Earth dist.	-3336 Mar 24 j 05:29	4° $\text{♊}$ 17'43	0.55419 AU	morning rise	-3335 Mar 11 j 13:44	11° $\text{♊}$ 17'42	
desc. node	-3336 Mar 26 j 06:56	3° $\text{♊}$ 08'08		desc. node	-3335 Mar 13 j 04:04	10° $\text{♊}$ 48'56	
morning rise	-3336 Mar 31 j 17:59	0° $\text{♊}$ 53'24		direct	-3335 Mar 16 j 07:43	10° $\text{♊}$ 25'50	
direct	-3336 Apr 04 j 07:37	0° $\text{♊}$ 25'39		morning max el	-3335 Mar 30 j 11:01	17° $\text{♊}$ 38'34	25°00'13
morning max el	-3336 Apr 17 j 19:53	7° $\text{♊}$ 03'19	23°22'09		-3335 Apr 09 j 14:35	0° $\text{♊}$	
	-3336 May 04 j 02:50	0° $\text{♊}$		morning set	-3335 Apr 25 j 16:38	29° $\text{♊}$ 00'58	
morning set	-3336 May 11 j 04:26	13° $\text{♊}$ 58'35			-3335 Apr 26 j 03:51	0° $\text{♊}$	
asc. node	-3336 May 11 j 06:05	14° $\text{♊}$ 07'13		asc. node	-3335 Apr 28 j 03:06	4° $\text{♊}$ 12'00	
superior conj	-3336 May 18 j 07:19	29° $\text{♊}$ 11'00	1°07'35	superior conj	-3335 May 02 j 16:59	14° $\text{♊}$ 08'08	0°46'14
minimum elong	-3336 May 18 j 04:49	28° $\text{♊}$ 57'39	1°07'14	minimum elong	-3335 May 02 j 15:05	13° $\text{♊}$ 57'49	0°45'53
	-3336 May 18 j 16:29	0° $\text{♊}$		max. Earth dist.	-3335 May 03 j 22:25	16° $\text{♊}$ 47'45	1.33004 AU
max. Earth dist.	-3336 May 20 j 14:35	4° $\text{♊}$ 04'39	1.33746 AU	evening rise	-3335 May 09 j 22:25	29° $\text{♊}$ 28'02	
evening rise	-3336 May 25 j 21:37	14° $\text{♊}$ 56'53			-3335 May 10 j 04:41	0° $\text{♊}$	
	-3336 Jun 02 j 21:29	0° $\text{♊}$			-3335 May 27 j 00:27	0° $\text{♊}$	
desc. node	-3336 Jun 22 j 05:51	29° $\text{♊}$ 05'36		desc. node	-3335 Jun 09 j 02:55	17° $\text{♊}$ 00'23	
	-3336 Jun 22 j 23:55	0° $\text{☿}$		evening max el	-3335 Jun 11 j 03:54	19° $\text{♊}$ 03'11	27°19'56
evening max el	-3336 Jun 28 j 19:26	6° $\text{☿}$ 17'00	27°22'30	retrograde	-3335 Jun 25 j 00:29	26° $\text{♊}$ 25'49	
retrograde	-3336 Jul 12 j 09:12	13° $\text{☿}$ 40'47		evening set	-3335 Jul 02 j 03:07	23° $\text{♊}$ 59'29	
evening set	-3336 Jul 19 j 12:14	10° $\text{☿}$ 56'44		min. Earth dist.	-3335 Jul 05 j 17:12	21° $\text{♊}$ 05'26	0.62357 AU
min. Earth dist.	-3336 Jul 23 j 03:49	7° $\text{☿}$ 35'53	0.64092 AU	inferior conj	-3335 Jul 08 j 16:39	18° $\text{♊}$ 16'10	-4°07'01
inferior conj	-3336 Jul 25 j 14:20	5° $\text{☿}$ 00'22	-3°34'30	minimum elong	-3335 Jul 08 j 19:44	18° $\text{♊}$ 08'50	4°06'27
minimum elong	-3336 Jul 25 j 18:15	4° $\text{☿}$ 49'56	3°33'28	morning rise	-3335 Jul 15 j 13:37	13° $\text{♊}$ 12'16	
	-3336 Jul 31 j 07:09	30° $\text{♊}$		direct	-3335 Jul 18 j 03:25	12° $\text{♊}$ 42'28	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3335 Jul 24 j 20:56	16° $\Pi$ 07'22	17°56'18			-3334 Jun 22 j 13:48	30° $\mathbb{R}$	
asc. node	-3335 Jul 25 j 02:30	16° $\Pi$ 21'13		morning rise	-3334 Jun 28 j 13:24	26° $\mathbb{B}$ 25'08		
	-3335 Aug 03 j 14:43	0° $\mathbb{S}$		direct	-3334 Jul 01 j 02:01	26° $\mathbb{B}$ 00'41		
morning set	-3335 Aug 10 j 03:52	11° $\mathbb{S}$ 35'35		morning max el	-3334 Jul 08 j 08:47	29° $\mathbb{B}$ 33'33	18°10'33	
	-3335 Aug 20 j 14:26	0° $\Omega$			-3334 Jul 08 j 19:31	0° $\Pi$		
				asc. node	-3334 Jul 11 j 23:33	3° $\Pi$ 45'22		
superior conj	-3335 Aug 21 j 07:18	1° $\Omega$ 12'05	1°25'28	morning set	-3334 Jul 24 j 08:37	24° $\Pi$ 52'49		
minimum elong	-3335 Aug 21 j 12:25	1° $\Omega$ 33'54	1°25'06		-3334 Jul 27 j 02:09	0° $\mathbb{S}$		
max. Earth dist.	-3335 Aug 28 j 08:28	12° $\Omega$ 57'33	1.42934 AU					
evening rise	-3335 Sep 05 j 02:54	25° $\Omega$ 21'33		superior conj	-3334 Aug 03 j 02:27	12° $\mathbb{S}$ 53'50	1°43'18	
desc. node	-3335 Sep 05 j 02:17	25° $\Omega$ 19'08		minimum elong	-3334 Aug 03 j 05:09	13° $\mathbb{S}$ 05'57	1°43'15	
	-3335 Sep 08 j 02:40	0° $\Pi$		max. Earth dist.	-3334 Aug 10 j 16:01	26° $\mathbb{S}$ 05'33	1.41214 AU	
	-3335 Sep 28 j 17:15	0° $\underline{\Omega}$			-3334 Aug 12 j 24:00	0° $\Omega$		
evening max el	-3335 Oct 06 j 00:16	8° $\underline{\Omega}$ 42'43	21°29'11	evening rise	-3334 Aug 15 j 22:58	4° $\Omega$ 51'09		
retrograde	-3335 Oct 14 j 19:45	13° $\underline{\Omega}$ 56'27		desc. node	-3334 Aug 22 j 23:17	15° $\Omega$ 56'26		
evening set	-3335 Oct 18 j 23:58	12° $\underline{\Omega}$ 19'25			-3334 Sep 01 j 09:32	0° $\Pi$		
asc. node	-3335 Oct 21 j 01:34	10° $\underline{\Omega}$ 20'14		evening max el	-3334 Sep 18 j 16:38	22° $\Pi$ 09'34	22°47'14	
inferior conj	-3335 Oct 24 j 08:26	6° $\underline{\Omega}$ 06'03	1°06'42	retrograde	-3334 Sep 28 j 14:06	28° $\Pi$ 01'39		
minimum elong	-3335 Oct 24 j 06:56	6° $\underline{\Omega}$ 11'12	1°06'05	evening set	-3334 Oct 03 j 07:33	26° $\Pi$ 05'29		
min. Earth dist.	-3335 Oct 24 j 15:17	5° $\underline{\Omega}$ 42'30	0.67292 AU	asc. node	-3334 Oct 07 j 22:39	20° $\Pi$ 44'10		
	-3335 Oct 29 j 09:41	30° $\mathbb{R}$		inferior conj	-3334 Oct 08 j 15:06	19° $\Pi$ 47'31	0°14'08	
morning rise	-3335 Oct 29 j 13:44	29° $\Pi$ 51'07		minimum elong	-3334 Oct 08 j 14:46	19° $\Pi$ 48'40	0°14'01	
direct	-3335 Nov 03 j 14:19	27° $\Pi$ 43'03		transit middle	-3334 Oct 08 j 14:46	19° $\Pi$ 48'40	0°14'01	
	-3335 Nov 09 j 11:31	0° $\underline{\Omega}$		transit begin	-3334 Oct 08 j 13:23	19° $\Pi$ 53'28		
morning max el	-3335 Nov 13 j 22:30	3° $\underline{\Omega}$ 53'26	23°22'04	transit end	-3334 Oct 08 j 16:10	19° $\Pi$ 43'52		
desc. node	-3335 Dec 02 j 02:00	27° $\underline{\Omega}$ 18'59		min. Earth dist.	-3334 Oct 08 j 11:35	19° $\Pi$ 59'39	0.67464 AU	
	-3335 Dec 03 j 21:42	0° $\mathbb{M}$		morning rise	-3334 Oct 13 j 21:52	13° $\Pi$ 34'57		
morning set	-3335 Dec 18 j 20:44	23° $\mathbb{M}$ 37'32		direct	-3334 Oct 18 j 07:53	11° $\Pi$ 48'47		
	-3335 Dec 22 j 14:27	0° $\mathbb{X}$		morning max el	-3334 Oct 27 j 11:31	17° $\Pi$ 14'12	21°57'00	
max. Earth dist.	-3335 Dec 23 j 03:57	0° $\mathbb{X}$ 58'37	1.39366 AU		-3334 Nov 06 j 20:38	0° $\underline{\Omega}$		
				desc. node	-3334 Nov 18 j 22:59	17° $\underline{\Omega}$ 31'16		
superior conj	-3335 Dec 30 j 18:08	14° $\mathbb{X}$ 38'19	-1°54'49		-3334 Nov 27 j 00:48	0° $\mathbb{M}$		
minimum elong	-3335 Dec 30 j 19:20	14° $\mathbb{X}$ 43'56	1°54'55	morning set	-3334 Nov 28 j 21:07	2° $\mathbb{M}$ 56'18		
	-3334 Jan 07 j 19:43	0° $\mathbb{Z}$		max. Earth dist.	-3334 Dec 05 j 03:30	13° $\mathbb{M}$ 10'12	1.41409 AU	
evening rise	-3334 Jan 09 j 01:27	2° $\mathbb{Z}$ 23'37						
asc. node	-3334 Jan 17 j 00:40	17° $\mathbb{Z}$ 09'40		superior conj	-3334 Dec 12 j 19:33	26° $\mathbb{M}$ 18'41	-1°54'07	
evening max el	-3334 Jan 25 j 09:25	28° $\mathbb{Z}$ 40'53	18°36'39	minimum elong	-3334 Dec 12 j 17:33	26° $\mathbb{M}$ 09'52	1°54'09	
	-3334 Jan 26 j 21:33	0° $\approx$			-3334 Dec 14 j 21:28	0° $\mathbb{X}$		
retrograde	-3334 Feb 02 j 04:06	2° $\approx$ 27'55		evening rise	-3334 Dec 23 j 08:19	15° $\mathbb{X}$ 26'20		
evening set	-3334 Feb 04 j 15:35	2° $\approx$ 06'16			-3334 Dec 31 j 10:12	0° $\mathbb{Z}$		
	-3334 Feb 08 j 23:15	30° $\mathbb{R}$		asc. node	-3333 Jan 03 j 21:44	5° $\mathbb{Z}$ 32'43		
inferior conj	-3334 Feb 12 j 04:47	27° $\mathbb{Z}$ 39'07	3°34'54	evening max el	-3333 Jan 08 j 17:18	11° $\mathbb{Z}$ 33'01	18°12'46	
minimum elong	-3334 Feb 12 j 08:20	27° $\mathbb{Z}$ 32'15	3°34'15	retrograde	-3333 Jan 15 j 16:33	15° $\mathbb{Z}$ 03'46		
min. Earth dist.	-3334 Feb 15 j 13:47	25° $\mathbb{Z}$ 04'01	0.58306 AU	evening set	-3333 Jan 18 j 07:19	14° $\mathbb{Z}$ 34'55		
morning rise	-3334 Feb 19 j 22:40	22° $\mathbb{Z}$ 20'34		inferior conj	-3333 Jan 25 j 05:35	9° $\mathbb{Z}$ 46'01	3°59'14	
direct	-3334 Feb 25 j 20:57	20° $\mathbb{Z}$ 52'25		minimum elong	-3333 Jan 25 j 06:25	9° $\mathbb{Z}$ 44'07	3°59'05	
desc. node	-3334 Feb 28 j 01:11	21° $\mathbb{Z}$ 04'13		min. Earth dist.	-3333 Jan 28 j 12:03	6° $\mathbb{Z}$ 51'26	0.60319 AU	
morning max el	-3334 Mar 12 j 03:29	28° $\mathbb{Z}$ 23'31	26°24'36	morning rise	-3333 Feb 01 j 03:55	4° $\mathbb{Z}$ 07'33		
	-3334 Mar 13 j 17:43	0° $\approx$		direct	-3333 Feb 07 j 21:23	2° $\mathbb{Z}$ 01'19		
	-3334 Apr 03 j 02:34	0° $\mathbb{X}$		desc. node	-3333 Feb 14 j 22:17	4° $\mathbb{Z}$ 06'19		
morning set	-3334 Apr 10 j 03:54	14° $\mathbb{X}$ 00'01		morning max el	-3333 Feb 22 j 01:41	9° $\mathbb{Z}$ 41'38	27°21'36	
asc. node	-3334 Apr 15 j 00:07	24° $\mathbb{X}$ 23'13			-3333 Mar 09 j 17:56	0° $\approx$		
				morning set	-3333 Mar 25 j 12:25	28° $\approx$ 49'17		
superior conj	-3334 Apr 17 j 04:27	29° $\mathbb{X}$ 09'24	0°22'41		-3333 Mar 26 j 02:02	0° $\mathbb{X}$		
minimum elong	-3334 Apr 17 j 03:27	29° $\mathbb{X}$ 03'59	0°22'28	max. Earth dist.	-3333 Apr 01 j 00:11	12° $\mathbb{X}$ 42'07	1.32555 AU	
max. Earth dist.	-3334 Apr 17 j 10:52	29° $\mathbb{X}$ 44'32	1.32612 AU					
	-3334 Apr 17 j 13:42	0° $\mathbb{Y}$		superior conj	-3333 Apr 01 j 16:03	14° $\mathbb{X}$ 08'52	-0°02'14	
evening rise	-3334 Apr 24 j 04:59	14° $\mathbb{Y}$ 15'37		minimum elong	-3333 Apr 01 j 16:09	14° $\mathbb{X}$ 09'25	0°02'15	
	-3334 May 02 j 05:59	0° $\mathbb{B}$		behind sun begin	-3333 Apr 01 j 11:11	13° $\mathbb{X}$ 42'10		
	-3334 May 23 j 02:40	0° $\Pi$		behind sun end	-3333 Apr 01 j 21:08	14° $\mathbb{X}$ 36'40		
evening max el	-3334 May 24 j 07:24	1° $\Pi$ 10'42	26°44'27	asc. node	-3333 Apr 01 j 21:08	14° $\mathbb{X}$ 36'37		
desc. node	-3334 May 27 j 00:01	3° $\Pi$ 33'37		evening rise	-3333 Apr 08 j 15:00	29° $\mathbb{X}$ 11'27		
retrograde	-3334 Jun 07 j 08:00	8° $\Pi$ 29'41			-3333 Apr 09 j 00:15	0° $\mathbb{Y}$		
evening set	-3334 Jun 13 j 23:39	6° $\Pi$ 34'29			-3333 Apr 25 j 19:02	0° $\mathbb{B}$		
min. Earth dist.	-3334 Jun 17 j 20:53	3° $\Pi$ 53'11	0.60372 AU	evening max el	-3333 May 06 j 04:22	12° $\mathbb{B}$ 35'00	25°38'40	
inferior conj	-3334 Jun 21 j 04:48	1° $\Pi$ 07'40	-4°22'59	desc. node	-3333 May 13 j 21:07	18° $\mathbb{B}$ 12'56		
minimum elong	-3334 Jun 21 j 05:34	1° $\Pi$ 06'05	4°22'52	retrograde	-3333 May 20 j 06:07	19° $\mathbb{B}$ 47'55		

































































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3333 May 25 j 22:33	18° $\text{831}'03$		evening set	-3332 May 03 j 23:38	30° $\text{8}'\text{Y}$	
min. Earth dist.	-3333 May 30 j 16:39	15° $\text{845}'41$	0.58345 AU	min. Earth dist.	-3332 May 05 j 01:21	29° $\text{Y}'41'58$	
inferior conj	-3333 Jun 02 j 23:10	13° $\text{825}'06$	-4°13'18	inferior conj	-3332 May 11 j 08:07	26° $\text{Y}'37'47$	0.56578 AU
minimum elong	-3333 Jun 02 j 20:20	13° $\text{830}'14$	4°12'57	minimum elong	-3332 May 13 j 21:31	25° $\text{Y}'01'39$	-3°27'27
morning rise	-3333 Jun 10 j 20:49	9° $\text{804}'23$		morning rise	-3332 May 13 j 15:40	25° $\text{Y}'10'54$	3°26'07
direct	-3333 Jun 13 j 09:04	8° $\text{844}'16$		direct	-3332 May 22 j 09:05	20° $\text{Y}'58'39$	
morning max el	-3333 Jun 21 j 14:56	12° $\text{837}'25$	18°44'50	morning max el	-3332 May 24 j 21:08	20° $\text{Y}'41'59$	
asc. node	-3333 Jun 28 j 20:35	22° $\text{800}'08$		asc. node	-3332 Jun 03 j 12:41	25° $\text{Y}'10'22$	19°39'37
morning set	-3333 Jul 03 j 10:53	0° $\text{II}$		morning set	-3332 Jun 07 j 19:37	0° $\text{8}$	
	-3333 Jul 08 j 01:08	8° $\text{II46}'07$		asc. node	-3332 Jun 14 j 17:38	10° $\text{854}'01$	
				morning set	-3332 Jun 21 j 02:05	23° $\text{807}'18$	
superior conj	-3333 Jul 16 j 18:48	25° $\text{II40}'07$	1°48'56		-3332 Jun 24 j 11:53	0° $\text{II}$	
minimum elong	-3333 Jul 16 j 19:00	25° $\text{II41}'01$	1°49'03				
	-3333 Jul 19 j 02:21	0° $\text{8}$		superior conj	-3332 Jun 29 j 02:52	9° $\text{II15}'50$	1°45'11
max. Earth dist.	-3333 Jul 23 j 18:58	8° $\text{830}'21$	1.39265 AU	minimum elong	-3332 Jun 29 j 01:18	9° $\text{II08}'07$	1°45'14
evening rise	-3333 Jul 27 j 20:05	15° $\text{832}'17$		max. Earth dist.	-3332 Jul 04 j 21:32	20° $\text{II23}'19$	1.37350 AU
	-3333 Aug 05 j 16:30	0° $\text{8}$		evening rise	-3332 Jul 08 j 18:19	27° $\text{II28}'07$	
desc. node	-3333 Aug 09 j 20:16	6° $\text{823}'29$			-3332 Jul 10 j 04:29	0° $\text{8}$	
	-3333 Aug 27 j 02:11	0° $\text{8}$		desc. node	-3332 Jul 26 j 17:16	26° $\text{835}'24$	
evening max el	-3333 Sep 01 j 04:52	5° $\text{837}'35$	24°07'51		-3332 Jul 29 j 02:15	0° $\text{8}$	
retrograde	-3333 Sep 12 j 05:03	12° $\text{805}'58$		evening max el	-3332 Aug 13 j 15:35	19° $\text{808}'46$	25°23'48
evening set	-3333 Sep 17 j 13:08	9° $\text{850}'23$		retrograde	-3332 Aug 25 j 15:55	26° $\text{805}'50$	
inferior conj	-3333 Sep 22 j 21:18	3° $\text{831}'08$	-0°39'41	evening set	-3332 Aug 31 j 14:54	23° $\text{833}'05$	
minimum elong	-3333 Sep 22 j 22:14	3° $\text{827}'58$	0°39'13	min. Earth dist.	-3332 Sep 05 j 00:28	18° $\text{836}'51$	0.66885 AU
min. Earth dist.	-3333 Sep 22 j 07:24	4° $\text{818}'08$	0.67332 AU	inferior conj	-3332 Sep 06 j 01:21	17° $\text{816}'00$	-1°33'03
asc. node	-3333 Sep 24 j 19:43	0° $\text{858}'08$		minimum elong	-3332 Sep 06 j 03:32	17° $\text{808}'52$	1°32'06
	-3333 Sep 25 j 14:52	30° $\text{882}$		asc. node	-3332 Sep 10 j 16:47	12° $\text{800}'49$	
morning rise	-3333 Sep 28 j 07:19	27° $\text{823}'50$		morning rise	-3332 Sep 11 j 16:17	11° $\text{816}'50$	
direct	-3333 Oct 02 j 04:18	25° $\text{858}'18$		direct	-3332 Sep 15 j 02:20	10° $\text{809}'07$	
	-3333 Oct 09 j 13:45	0° $\text{8}$		morning max el	-3332 Sep 22 j 10:04	14° $\text{821}'03$	19°34'58
morning max el	-3333 Oct 10 j 07:07	0° $\text{843}'02$	20°39'48		-3332 Oct 04 j 04:34	0° $\text{8}$	
	-3333 Oct 31 j 15:02	0° $\text{8}$		morning set	-3332 Oct 16 j 23:07	19° $\text{836}'33$	
desc. node	-3333 Nov 05 j 19:57	7° $\text{857}'35$		desc. node	-3332 Oct 22 j 16:54	28° $\text{833}'43$	
morning set	-3333 Nov 07 j 23:00	11° $\text{815}'15$			-3332 Oct 23 j 14:57	0° $\text{8}$	
max. Earth dist.	-3333 Nov 17 j 10:23	26° $\text{815}'18$	1.43140 AU	max. Earth dist.	-3332 Oct 29 j 23:28	10° $\text{800}'41$	1.44333 AU
	-3333 Nov 19 j 17:40	0° $\text{8}$					
superior conj	-3333 Nov 23 j 19:50	6° $\text{845}'29$	-1°38'50	superior conj	-3332 Nov 02 j 16:46	15° $\text{856}'29$	-1°06'28
minimum elong	-3333 Nov 23 j 13:58	6° $\text{821}'02$	1°38'26	minimum elong	-3332 Nov 02 j 09:43	15° $\text{828}'17$	1°05'42
evening rise	-3333 Dec 05 j 23:58	27° $\text{844}'01$			-3332 Nov 11 j 08:17	0° $\text{8}$	
	-3333 Dec 07 j 06:48	0° $\text{8}$		evening rise	-3332 Nov 16 j 19:54	9° $\text{807}'49$	
asc. node	-3333 Dec 21 j 18:47	23° $\text{809}'07$			-3332 Nov 29 j 13:18	0° $\text{8}$	
evening max el	-3333 Dec 23 j 04:54	24° $\text{841}'56$	18°08'36	evening max el	-3332 Dec 05 j 17:30	8° $\text{801}'35$	18°23'23
retrograde	-3333 Dec 29 j 19:04	28° $\text{809}'54$		asc. node	-3332 Dec 07 j 15:50	9° $\text{845}'51$	
evening set	-3332 Jan 01 j 13:03	27° $\text{833}'01$		retrograde	-3332 Dec 12 j 07:12	11° $\text{837}'39$	
inferior conj	-3332 Jan 07 j 23:25	22° $\text{823}'02$	3°57'22	evening set	-3332 Dec 15 j 05:19	10° $\text{851}'27$	
minimum elong	-3332 Jan 07 j 21:59	22° $\text{826}'42$	3°57'08	inferior conj	-3332 Dec 21 j 06:27	5° $\text{822}'27$	3°37'11
min. Earth dist.	-3332 Jan 10 j 18:40	19° $\text{832}'01$	0.62282 AU	minimum elong	-3332 Dec 21 j 03:44	5° $\text{830}'12$	3°36'35
morning rise	-3332 Jan 14 j 05:57	16° $\text{830}'49$		min. Earth dist.	-3332 Dec 23 j 11:12	2° $\text{852}'47$	0.64000 AU
direct	-3332 Jan 21 j 07:05	13° $\text{855}'21$			-3332 Dec 26 j 07:17	30° $\text{882}$	
desc. node	-3332 Feb 01 j 19:21	19° $\text{824}'57$		morning rise	-3332 Dec 27 j 01:35	29° $\text{820}'44$	
morning max el	-3332 Feb 04 j 06:08	21° $\text{840}'48$	27°43'24	direct	-3331 Jan 03 j 00:37	26° $\text{830}'31$	
	-3332 Feb 11 j 13:56	0° $\text{8}$			-3331 Jan 11 j 17:08	0° $\text{8}$	
	-3332 Mar 01 j 18:34	0° $\text{8}$		morning max el	-3331 Jan 16 j 14:31	4° $\text{815}'06$	27°29'07
morning set	-3332 Mar 08 j 16:09	13° $\text{821}'25$		desc. node	-3331 Jan 18 j 16:24	6° $\text{824}'18$	
max. Earth dist.	-3332 Mar 14 j 10:24	25° $\text{826}'00$	1.32846 AU	morning set	-3331 Feb 05 j 02:29	0° $\text{8}$	
					-3331 Feb 20 j 12:25	27° $\text{827}'03$	
superior conj	-3332 Mar 16 j 02:10	29° $\text{800}'40$	-0°27'38		-3331 Feb 21 j 19:09	0° $\text{8}$	
minimum elong	-3332 Mar 16 j 03:25	29° $\text{807}'27$	0°27'25	max. Earth dist.	-3331 Feb 25 j 13:25	7° $\text{842}'06$	1.33535 AU
	-3332 Mar 16 j 13:07	0° $\text{8}$					
asc. node	-3332 Mar 18 j 18:09	4° $\text{848}'05$		superior conj	-3331 Feb 28 j 08:58	13° $\text{838}'18$	-0°52'33
evening rise	-3332 Mar 23 j 02:33	14° $\text{808}'34$		minimum elong	-3331 Feb 28 j 11:17	13° $\text{850}'35$	0°52'12
	-3332 Mar 31 j 03:17	0° $\text{Y}$		asc. node	-3331 Mar 05 j 15:10	24° $\text{853}'02$	
evening max el	-3332 Apr 16 j 20:31	23° $\text{Y}'26'13$	24°11'51	evening rise	-3331 Mar 07 j 13:53	29° $\text{800}'05$	
	-3332 Apr 27 j 11:04	0° $\text{8}$			-3331 Mar 25 j 17:30	0° $\text{Y}$	
desc. node	-3332 Apr 29 j 18:12	0° $\text{822}'08$		evening max el	-3331 Mar 29 j 13:16	4° $\text{Y}'08'04$	22°37'31
retrograde	-3332 Apr 30 j 17:02	0° $\text{824}'13$		retrograde	-3331 Apr 11 j 15:23	10° $\text{Y}'32'55$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3331 Apr 14 j 17:37	10° $\Upsilon$ 11'56		inferior conj	-3330 Apr 03 j 20:59	16° $\text{X}$ 31'13	-0°05'59
desc. node	-3331 Apr 16 j 15:18	9° $\Upsilon$ 39'31		minimum elong	-3330 Apr 03 j 20:42	16° $\text{X}$ 31'37	0°05'55
min. Earth dist.	-3331 Apr 22 j 22:20	6° $\Upsilon$ 37'15	0.55427 AU	transit middle	-3330 Apr 03 j 20:42	16° $\text{X}$ 31'37	0°05'55
inferior conj	-3331 Apr 24 j 01:45	5° $\Upsilon$ 58'01	-2°00'34	transit begin	-3330 Apr 03 j 16:54	16° $\text{X}$ 37'00	
minimum elong	-3331 Apr 23 j 20:38	6° $\Upsilon$ 05'21	1°58'56	transit end	-3330 Apr 04 j 00:30	16° $\text{X}$ 26'14	
morning rise	-3331 May 03 j 01:37	2° $\Upsilon$ 01'22		desc. node	-3330 Apr 03 j 12:24	16° $\text{X}$ 43'22	
direct	-3331 May 05 j 16:08	1° $\Upsilon$ 45'36		min. Earth dist.	-3330 Apr 04 j 12:20	16° $\text{X}$ 09'29	0.55155 AU
morning max el	-3331 May 16 j 23:54	7° $\Upsilon$ 03'07	20°54'13	morning rise	-3330 Apr 13 j 02:11	12° $\text{X}$ 24'06	
	-3331 Jun 01 j 11:15	0° $\text{X}$		direct	-3330 Apr 16 j 04:08	12° $\text{X}$ 03'22	
asc. node	-3331 Jun 01 j 14:40	0° $\text{X}$ 16'35		morning max el	-3330 Apr 29 j 00:21	18° $\text{X}$ 13'54	22°25'11
morning set	-3331 Jun 05 j 08:45	7° $\text{X}$ 48'04			-3330 May 08 j 11:38	0° $\Upsilon$	
				asc. node	-3330 May 19 j 11:43	20° $\Upsilon$ 00'16	
superior conj	-3331 Jun 12 j 21:59	23° $\text{X}$ 26'26	1°34'27	morning set	-3330 May 20 j 19:01	22° $\Upsilon$ 41'59	
minimum elong	-3331 Jun 12 j 19:31	23° $\text{X}$ 13'48	1°34'18		-3330 May 24 j 06:05	0° $\text{X}$	
	-3331 Jun 16 j 03:43	0° $\text{II}$					
max. Earth dist.	-3331 Jun 17 j 06:03	2° $\text{II}$ 10'39	1.35677 AU	superior conj	-3330 May 28 j 00:44	8° $\text{X}$ 01'22	1°18'32
evening rise	-3331 Jun 21 j 12:47	10° $\text{II}$ 25'22		minimum elong	-3330 May 27 j 22:05	7° $\text{X}$ 47'23	1°18'14
	-3331 Jul 02 j 17:16	0° $\text{X}$		max. Earth dist.	-3330 May 31 j 00:32	14° $\text{X}$ 16'40	1.34353 AU
desc. node	-3331 Jul 13 j 14:18	16° $\text{X}$ 24'28		evening rise	-3330 Jun 04 j 22:18	24° $\text{X}$ 09'00	
	-3331 Jul 24 j 12:11	0° $\Omega$			-3330 Jun 07 j 23:38	0° $\text{II}$	
evening max el	-3331 Jul 27 j 02:42	2° $\Omega$ 40'23	26°27'08		-3330 Jun 26 j 06:24	0° $\text{X}$	
retrograde	-3331 Aug 08 j 21:58	9° $\Omega$ 54'50		desc. node	-3330 Jun 30 j 11:20	5° $\text{X}$ 40'53	
evening set	-3331 Aug 15 j 10:43	7° $\Omega$ 10'23		evening max el	-3330 Jul 09 j 14:20	16° $\text{X}$ 04'24	27°09'55
min. Earth dist.	-3331 Aug 19 j 12:22	2° $\Omega$ 52'00	0.66096 AU	retrograde	-3330 Jul 22 j 22:35	23° $\text{X}$ 25'57	
inferior conj	-3331 Aug 21 j 01:21	0° $\Omega$ 58'55	-2°24'12	evening set	-3330 Jul 29 j 21:58	20° $\text{X}$ 38'37	
minimum elong	-3331 Aug 21 j 04:36	0° $\Omega$ 48'57	2°22'58	min. Earth dist.	-3330 Aug 02 j 16:45	16° $\text{X}$ 57'45	0.64937 AU
	-3331 Aug 21 j 20:45	30° $\text{X}$		inferior conj	-3330 Aug 04 j 19:07	14° $\text{X}$ 36'03	-3°10'53
morning rise	-3331 Aug 26 j 22:46	25° $\text{X}$ 11'02		minimum elong	-3330 Aug 04 j 23:00	14° $\text{X}$ 25'05	3°09'40
asc. node	-3331 Aug 28 j 13:53	24° $\text{X}$ 29'23		morning rise	-3330 Aug 11 j 00:33	9° $\text{X}$ 02'46	
direct	-3331 Aug 30 j 00:16	24° $\text{X}$ 17'42		direct	-3330 Aug 13 j 19:53	8° $\text{X}$ 20'34	
morning max el	-3331 Sep 05 j 19:16	28° $\text{X}$ 05'25	18°45'15	asc. node	-3330 Aug 15 j 10:59	8° $\text{X}$ 34'46	
	-3331 Sep 07 j 12:54	0° $\Omega$		morning max el	-3330 Aug 20 j 08:39	11° $\text{X}$ 52'24	18°12'12
morning set	-3331 Sep 26 j 19:02	28° $\Omega$ 59'25			-3330 Sep 01 j 22:29	0° $\Omega$	
	-3331 Sep 27 j 10:13	0° $\text{X}$		morning set	-3330 Sep 07 j 18:41	9° $\Omega$ 43'12	
desc. node	-3331 Oct 09 j 13:52	19° $\text{X}$ 15'46			-3330 Sep 20 j 03:54	0° $\text{X}$	
superior conj	-3331 Oct 12 j 18:33	24° $\text{X}$ 17'49	-0°20'17	superior conj	-3330 Sep 21 j 21:54	2° $\text{X}$ 48'08	0°28'46
minimum elong	-3331 Oct 12 j 15:53	24° $\text{X}$ 07'17	0°19'56	minimum elong	-3330 Sep 22 j 01:21	3° $\text{X}$ 01'53	0°28'23
max. Earth dist.	-3331 Oct 12 j 16:32	24° $\text{X}$ 09'54	1.44849 AU	max. Earth dist.	-3330 Sep 25 j 10:51	8° $\text{X}$ 25'40	1.44638 AU
	-3331 Oct 16 j 09:24	0° $\text{X}$		desc. node	-3330 Sep 26 j 10:49	10° $\text{X}$ 00'22	
evening rise	-3331 Oct 28 j 15:58	19° $\text{X}$ 29'39		evening rise	-3330 Oct 08 j 12:02	28° $\text{X}$ 51'02	
	-3331 Nov 04 j 05:17	0° $\text{X}$			-3330 Oct 09 j 05:48	0° $\text{X}$	
evening max el	-3331 Nov 19 j 04:33	21° $\text{X}$ 26'53	18°55'59	greatest brilliancy	-3330 Oct 20 j 23:57	18° $\text{X}$ 04'26	-0.7m
asc. node	-3331 Nov 24 j 12:53	25° $\text{X}$ 07'40			-3330 Oct 29 j 08:20	0° $\text{X}$	
retrograde	-3331 Nov 26 j 01:06	25° $\text{X}$ 20'22		evening max el	-3330 Nov 02 j 11:44	4° $\text{X}$ 53'35	19°44'51
evening set	-3331 Nov 29 j 05:01	24° $\text{X}$ 22'54		retrograde	-3330 Nov 09 j 21:51	9° $\text{X}$ 12'50	
inferior conj	-3331 Dec 04 j 23:09	18° $\text{X}$ 37'28	3°04'28	asc. node	-3330 Nov 11 j 10:00	8° $\text{X}$ 59'42	
minimum elong	-3331 Dec 04 j 20:03	18° $\text{X}$ 47'05	3°03'33	evening set	-3330 Nov 13 j 09:32	8° $\text{X}$ 01'47	
min. Earth dist.	-3331 Dec 06 j 13:17	16° $\text{X}$ 39'46	0.65376 AU	inferior conj	-3330 Nov 18 j 22:35	2° $\text{X}$ 02'46	2°23'04
morning rise	-3331 Dec 10 j 10:45	12° $\text{X}$ 29'08		minimum elong	-3330 Nov 18 j 19:46	2° $\text{X}$ 12'01	2°22'04
direct	-3331 Dec 17 j 00:37	9° $\text{X}$ 39'00		min. Earth dist.	-3330 Nov 19 j 23:21	0° $\text{X}$ 41'32	0.66388 AU
morning max el	-3331 Dec 30 j 00:05	17° $\text{X}$ 12'41	26°43'36		-3330 Nov 20 j 12:12	30° $\text{X}$	
desc. node	-3330 Jan 05 j 13:27	24° $\text{X}$ 35'00		morning rise	-3330 Nov 24 j 05:48	25° $\text{X}$ 50'03	
	-3330 Jan 09 j 18:02	0° $\text{X}$		direct	-3330 Nov 30 j 06:16	23° $\text{X}$ 11'34	
	-3330 Jan 28 j 23:07	0° $\text{X}$			-3330 Dec 12 j 00:22	0° $\text{X}$	
morning set	-3330 Feb 03 j 21:47	10° $\text{X}$ 55'10		morning max el	-3330 Dec 12 j 09:07	0° $\text{X}$ 21'46	25°34'45
max. Earth dist.	-3330 Feb 08 j 05:54	19° $\text{X}$ 23'14	1.34665 AU	desc. node	-3330 Dec 23 j 10:28	13° $\text{X}$ 35'16	
					-3329 Jan 03 j 16:58	0° $\text{X}$	
superior conj	-3330 Feb 12 j 10:22	27° $\text{X}$ 55'01	-1°15'48	morning set	-3329 Jan 17 j 15:33	23° $\text{X}$ 30'54	
minimum elong	-3330 Feb 12 j 13:26	28° $\text{X}$ 10'54	1°15'26		-3329 Jan 21 j 03:25	0° $\text{X}$	
	-3330 Feb 13 j 10:26	0° $\text{X}$		max. Earth dist.	-3329 Jan 21 j 10:48	0° $\text{X}$ 34'56	1.36240 AU
evening rise	-3330 Feb 19 j 23:12	13° $\text{X}$ 40'01					
asc. node	-3330 Feb 20 j 12:12	14° $\text{X}$ 47'06		superior conj	-3329 Jan 27 j 03:35	11° $\text{X}$ 41'40	-1°35'45
	-3330 Feb 28 j 10:09	0° $\text{X}$		minimum elong	-3329 Jan 27 j 06:48	11° $\text{X}$ 57'47	1°35'31
evening max el	-3330 Mar 11 j 12:54	15° $\text{X}$ 07'47	21°08'49	evening rise	-3329 Feb 04 j 04:28	28° $\text{X}$ 01'17	
retrograde	-3330 Mar 23 j 05:01	20° $\text{X}$ 43'14			-3329 Feb 05 j 03:58	0° $\text{X}$	
evening set	-3330 Mar 25 j 14:50	20° $\text{X}$ 29'50		asc. node	-3329 Feb 07 j 09:14	4° $\text{X}$ 24'28	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3329 Feb 21 j 22:43	26°  40'13	19°54'42	asc. node	-3328 Jan 25 j 06:16	23°  39'03	
	-3329 Feb 26 j 10:55	0° 			-3328 Jan 28 j 23:26	0° 	
retrograde	-3329 Mar 03 j 22:05	1°  24'38		evening max el	-3328 Feb 04 j 18:46	8°  47'58	18°59'22
evening set	-3329 Mar 06 j 04:45	1°  10'54		retrograde	-3328 Feb 13 j 06:02	12°  51'59	
	-3329 Mar 09 j 18:30	30° 		evening set	-3328 Feb 15 j 15:17	12°  33'59	
inferior conj	-3329 Mar 14 j 21:18	27°  09'39	1°44'58	inferior conj	-3328 Feb 23 j 14:13	8°  17'55	3°05'36
minimum elong	-3329 Mar 15 j 01:26	27°  03'18	1°43'36	minimum elong	-3328 Feb 23 j 18:53	8°  09'38	3°04'30
min. Earth dist.	-3329 Mar 17 j 02:27	25°  48'14	0.55814 AU	min. Earth dist.	-3328 Feb 26 j 17:58	6°  04'45	0.57242 AU
desc. node	-3329 Mar 21 j 09:31	23°  30'34		morning rise	-3328 Mar 02 j 19:48	3°  14'06	
morning rise	-3329 Mar 23 j 19:56	22°  36'39		desc. node	-3328 Mar 07 j 06:38	2°  09'46	
direct	-3329 Mar 27 j 21:05	22°  00'26		direct	-3328 Mar 08 j 02:13	2°  08'10	
morning max el	-3329 Apr 10 j 17:08	28°  54'21	24°04'31	morning max el	-3328 Mar 22 j 08:12	9°  30'02	25°38'50
	-3329 Apr 11 j 19:47	0° 			-3328 Apr 06 j 18:53	0° 	
	-3329 May 01 j 12:23	0° 		morning set	-3328 Apr 18 j 19:01	22°  44'33	
morning set	-3329 May 05 j 07:01	7°  42'57		asc. node	-3328 Apr 22 j 05:45	0° 	
asc. node	-3329 May 06 j 08:45	9°  58'44			-3328 Apr 22 j 04:32	0° 	
superior conj	-3329 May 12 j 08:28	22°  52'08	0°58'51	superior conj	-3328 Apr 25 j 19:05	7°  51'25	0°36'28
minimum elong	-3329 May 12 j 06:11	22°  39'48	0°58'29	minimum elong	-3328 Apr 25 j 17:32	7°  43'00	0°36'09
max. Earth dist.	-3329 May 14 j 04:24	26°  47'56	1.33394 AU	max. Earth dist.	-3328 Apr 26 j 14:41	9°  38'17	1.32793 AU
	-3329 May 15 j 16:35	0° 		evening rise	-3328 May 02 j 22:00	23°  04'18	
evening rise	-3329 May 19 j 18:30	8°  25'40			-3328 May 06 j 08:35	0° 	
	-3329 May 31 j 10:16	0° 			-3328 May 24 j 08:27	0° 	
desc. node	-3329 Jun 17 j 08:24	24°  10'57		desc. node	-3328 Jun 03 j 05:31	11°  12'34'25	
evening max el	-3329 Jun 22 j 00:39	29°  08'10	27°25'19	evening max el	-3328 Jun 03 j 07:04	11°  12'38'09	27°08'47
	-3329 Jun 22 j 22:48	0° 		retrograde	-3328 Jun 17 j 05:25	18°  12'59'42	
retrograde	-3329 Jul 05 j 17:17	6°  30'57		evening set	-3328 Jun 24 j 05:04	16°  12'44'47	
evening set	-3329 Jul 12 j 21:27	3°  52'46		min. Earth dist.	-3328 Jun 27 j 20:38	13°  12'58'33	0.61535 AU
min. Earth dist.	-3329 Jul 16 j 11:45	0°  54'46	0.63400 AU	inferior conj	-3328 Jul 01 j 00:43	11°  12'08'11	-4°16'16
	-3329 Jul 17 j 05:43	30° 		minimum elong	-3328 Jul 01 j 03:01	11°  12'03'01	4°15'57
inferior conj	-3329 Jul 19 j 03:59	28°  10'56	-3°49'52	morning rise	-3328 Jul 08 j 02:30	6°  12'13'32	
minimum elong	-3329 Jul 19 j 07:43	27°  12'28	3°49'00	direct	-3328 Jul 10 j 15:41	5°  12'46'11	
morning rise	-3329 Jul 25 j 18:54	22°  12'51		morning max el	-3328 Jul 17 j 13:39	9°  12'12'48	18°00'01
direct	-3329 Jul 28 j 10:16	22°  12'51		asc. node	-3328 Jul 19 j 05:09	10°  12'58'18	
asc. node	-3329 Aug 02 j 08:05	24°  12'09'39			-3328 Jul 31 j 04:10	0° 	
morning max el	-3329 Aug 03 j 23:44	25°  12'37'19	17°56'51	morning set	-3328 Aug 02 j 15:19	4°  12'29'59	
	-3329 Aug 07 j 15:51	0° 					
morning set	-3329 Aug 20 j 19:21	21°  12'38'58		superior conj	-3328 Aug 13 j 03:12	23°  12'22'07	1°34'41
	-3329 Aug 25 j 14:44	0° 		minimum elong	-3328 Aug 13 j 07:25	23°  12'40'26	1°34'28
					-3328 Aug 16 j 23:45	0° 	
superior conj	-3329 Sep 01 j 22:44	12°  12'24'03	1°08'48	max. Earth dist.	-3328 Aug 20 j 13:41	5°  12'59'45	1.42245 AU
minimum elong	-3329 Sep 02 j 04:25	12°  12'47'36	1°08'15	evening rise	-3328 Aug 27 j 03:02	16°  12'36'20	
max. Earth dist.	-3329 Sep 08 j 02:57	22°  12'28'57	1.43729 AU	desc. node	-3328 Aug 30 j 04:47	21°  12'25'51	
	-3329 Sep 12 j 20:21	0° 			-3328 Sep 04 j 19:04	0° 	
desc. node	-3329 Sep 13 j 07:48	0° 			-3328 Sep 26 j 16:57	0° 	
evening rise	-3329 Sep 17 j 17:35	7°  12'37'23		evening max el	-3328 Sep 28 j 08:43	1°  12'45'35	22°01'33
	-3329 Oct 02 j 13:46	0° 		retrograde	-3328 Oct 07 j 15:03	7°  12'16'02	
evening max el	-3329 Oct 16 j 13:20	18°  12'20'02	20°47'44	evening set	-3328 Oct 12 j 00:40	5°  12'30'56	
retrograde	-3329 Oct 24 j 19:06	23°  12'27		asc. node	-3328 Oct 15 j 04:11	2°  12'10'51	
evening set	-3329 Oct 28 j 16:44	21°  12'45'23			-3328 Oct 16 j 19:27	30° 	
asc. node	-3329 Oct 29 j 07:06	21°  12'16'29		inferior conj	-3328 Oct 17 j 08:32	29°  12'14'51	0°44'39
inferior conj	-3329 Nov 03 j 02:24	15°  12'36'04	1°35'47	minimum elong	-3328 Oct 17 j 07:31	29°  12'18'24	0°44'13
minimum elong	-3329 Nov 03 j 00:20	15°  12'43'07	1°34'57	min. Earth dist.	-3328 Oct 17 j 10:51	29°  12'06'50	0.67403 AU
min. Earth dist.	-3329 Nov 03 j 15:22	14°  12'51'55	0.67056 AU	morning rise	-3328 Oct 22 j 14:13	23°  12'00'30	
morning rise	-3329 Nov 08 j 07:46	9°  12'21'14		direct	-3328 Oct 27 j 08:20	21°  12'02'00	
direct	-3329 Nov 13 j 17:01	7°  12'01'18		morning max el	-3328 Nov 06 j 04:24	26°  12'53'36	22°45'15
morning max el	-3329 Nov 24 j 17:50	13°  12'36'00	24°12'03		-3328 Nov 09 j 01:09	0° 	
	-3329 Dec 08 j 01:14	0° 		desc. node	-3328 Nov 26 j 04:28	23°  12'11'46	
desc. node	-3329 Dec 10 j 07:28	3°  12'10'57			-3328 Nov 30 j 16:41	0° 	
	-3329 Dec 27 j 13:47	0° 		morning set	-3328 Dec 10 j 04:51	15°  12'04'51	
morning set	-3329 Dec 30 j 11:49	4°  12'58'37		max. Earth dist.	-3328 Dec 15 j 04:04	23°  12'23'42	1.40250 AU
max. Earth dist.	-3328 Jan 03 j 07:49	11°  12'43'45	1.38173 AU		-3328 Dec 18 j 23:30	0° 	
superior conj	-3328 Jan 10 j 09:05	24°  12'48'30	-1°50'10	superior conj	-3328 Dec 22 j 22:17	7°  12'43'52	-1°56'04
minimum elong	-3328 Jan 10 j 11:26	24°  12'59'45	1°50'10	minimum elong	-3328 Dec 22 j 22:19	7°  12'43'58	1°56'10
	-3328 Jan 13 j 01:36	0° 		evening rise	-3327 Jan 01 j 17:03	25°  12'47'21'30	
evening rise	-3328 Jan 19 j 03:22	11°  12'35'72			-3327 Jan 04 j 03:59	0° 	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3327 Jan 11 j 03:18	12° $\text{♁}$ 23'29		superior conj	-3327 Dec 04 j 13:37	18° $\text{♁}$ 14'03	-1°49'38
evening max el	-3327 Jan 17 j 23:09	21° $\text{♁}$ 26'18	18°24'05	minimum elong	-3327 Dec 04 j 09:55	17° $\text{♁}$ 58'09	1°49'31
retrograde	-3327 Jan 25 j 08:27	25° $\text{♁}$ 04'53			-3327 Dec 11 j 06:22	0° $\text{♁}$	
evening set	-3327 Jan 27 j 21:13	24° $\text{♁}$ 40'28		evening rise	-3327 Dec 15 j 17:57	8° $\text{♁}$ 05'34	
inferior conj	-3327 Feb 04 j 03:43	20° $\text{♁}$ 04'20	3°49'01		-3327 Dec 28 j 16:10	0° $\text{♁}$	
minimum elong	-3327 Feb 04 j 06:08	19° $\text{♁}$ 59'19	3°48'39	asc. node	-3327 Dec 29 j 00:20	0° $\text{♁}$ 27'58	
min. Earth dist.	-3327 Feb 07 j 13:11	17° $\text{♁}$ 17'39	0.59139 AU	evening max el	-3326 Jan 01 j 09:01	4° $\text{♁}$ 26'29	18°08'42
morning rise	-3327 Feb 11 j 12:53	14° $\text{♁}$ 36'01		retrograde	-3326 Jan 08 j 03:12	7° $\text{♁}$ 54'19	
direct	-3327 Feb 17 j 20:34	12° $\text{♁}$ 51'04		evening set	-3326 Jan 10 j 19:18	7° $\text{♁}$ 22'12	
desc. node	-3327 Feb 22 j 03:43	13° $\text{♁}$ 37'39		inferior conj	-3326 Jan 17 j 12:11	2° $\text{♁}$ 24'30	4°01'08
morning max el	-3327 Mar 04 j 03:02	20° $\text{♁}$ 27'53	26°52'56	minimum elong	-3326 Jan 17 j 11:57	2° $\text{♁}$ 25'04	4°01'00
	-3327 Mar 12 j 08:26	0° $\text{♁}$			-3326 Jan 20 j 01:03	30° $\text{♁}$	
	-3327 Mar 30 j 10:39	0° $\text{♁}$		min. Earth dist.	-3326 Jan 20 j 14:46	29° $\text{♁}$ 28'33	0.61172 AU
morning set	-3327 Apr 03 j 05:21	7° $\text{♁}$ 40'39		morning rise	-3326 Jan 24 j 03:15	26° $\text{♁}$ 39'41	
asc. node	-3327 Apr 09 j 02:45	20° $\text{♁}$ 19'27		direct	-3326 Jan 31 j 01:33	24° $\text{♁}$ 19'01	
				desc. node	-3326 Feb 09 j 00:48	27° $\text{♁}$ 41'47	
superior conj	-3327 Apr 10 j 06:49	22° $\text{♁}$ 53'05	0°12'15		-3326 Feb 11 j 22:54	0° $\text{♁}$	
minimum elong	-3327 Apr 10 j 06:17	22° $\text{♁}$ 50'06	0°12'07	morning max el	-3326 Feb 14 j 03:48	2° $\text{♁}$ 02'30	27°35'23
behind sun begin	-3327 Apr 10 j 03:04	22° $\text{♁}$ 32'28			-3326 Mar 06 j 14:35	0° $\text{♁}$	
behind sun end	-3327 Apr 10 j 09:30	23° $\text{♁}$ 07'44		morning set	-3326 Mar 18 j 12:04	22° $\text{♁}$ 23'03	
max. Earth dist.	-3327 Apr 10 j 03:51	22° $\text{♁}$ 36'50	1.32535 AU		-3326 Mar 22 j 03:08	0° $\text{♁}$	
	-3327 Apr 13 j 13:01	0° $\text{♁}$		max. Earth dist.	-3326 Mar 24 j 16:06	5° $\text{♁}$ 28'51	1.32627 AU
evening rise	-3327 Apr 17 j 06:16	7° $\text{♁}$ 56'25					
	-3327 Apr 28 j 20:32	0° $\text{♁}$		superior conj	-3326 Mar 25 j 17:59	7° $\text{♁}$ 49'46	-0°12'59
evening max el	-3327 May 16 j 07:41	23° $\text{♁}$ 27'01	26°19'50	minimum elong	-3326 Mar 25 j 18:34	7° $\text{♁}$ 52'59	0°12'54
desc. node	-3327 May 21 j 02:35	27° $\text{♁}$ 23'54		behind sun begin	-3326 Mar 25 j 15:38	7° $\text{♁}$ 36'55	
	-3327 May 26 j 02:44	0° $\text{♁}$		behind sun end	-3326 Mar 25 j 21:31	8° $\text{♁}$ 09'04	
retrograde	-3327 May 30 j 09:37	0° $\text{♁}$ 44'53		asc. node	-3326 Mar 26 j 23:45	10° $\text{♁}$ 32'15	
	-3327 Jun 03 j 14:41	30° $\text{♁}$		evening rise	-3326 Apr 01 j 17:08	22° $\text{♁}$ 53'14	
evening set	-3327 Jun 05 j 16:44	29° $\text{♁}$ 05'28			-3326 Apr 05 j 04:07	0° $\text{♁}$	
min. Earth dist.	-3327 Jun 09 j 20:44	26° $\text{♁}$ 24'26	0.59497 AU		-3326 Apr 23 j 19:34	0° $\text{♁}$	
inferior conj	-3327 Jun 13 j 05:44	23° $\text{♁}$ 46'31	-4°22'40	evening max el	-3326 Apr 28 j 02:18	4° $\text{♁}$ 35'17	25°03'44
minimum elong	-3327 Jun 13 j 05:04	23° $\text{♁}$ 47'50	4°22'34	desc. node	-3326 May 07 j 23:39	11° $\text{♁}$ 03'17	
morning rise	-3327 Jun 20 j 19:46	19° $\text{♁}$ 13'35		retrograde	-3326 May 12 j 03:16	11° $\text{♁}$ 43'20	
direct	-3327 Jun 23 j 07:59	18° $\text{♁}$ 51'15		evening set	-3326 May 17 j 06:24	10° $\text{♁}$ 42'41	
morning max el	-3327 Jun 30 j 23:31	22° $\text{♁}$ 31'14	18°22'35	min. Earth dist.	-3326 May 22 j 14:31	7° $\text{♁}$ 50'35	0.57539 AU
asc. node	-3327 Jul 06 j 02:12	28° $\text{♁}$ 45'47		inferior conj	-3326 May 25 j 15:42	5° $\text{♁}$ 47'02	-3°58'54
	-3327 Jul 06 j 22:01	0° $\text{♁}$		minimum elong	-3326 May 25 j 11:19	5° $\text{♁}$ 54'29	3°58'11
morning set	-3327 Jul 17 j 01:33	18° $\text{♁}$ 03'35		morning rise	-3326 Jun 02 j 19:10	1° $\text{♁}$ 34'19	
	-3327 Jul 23 j 08:19	0° $\text{♁}$		direct	-3326 Jun 05 j 07:11	1° $\text{♁}$ 15'51	
				morning max el	-3326 Jun 14 j 02:20	5° $\text{♁}$ 22'36	19°05'33
superior conj	-3327 Jul 26 j 08:07	5° $\text{♁}$ 33'26	1°46'59	asc. node	-3326 Jun 22 j 23:14	17° $\text{♁}$ 18'19	
minimum elong	-3327 Jul 26 j 09:42	5° $\text{♁}$ 40'39	1°47'04		-3326 Jun 29 j 19:41	0° $\text{♁}$	
max. Earth dist.	-3327 Aug 02 j 18:23	18° $\text{♁}$ 46'46	1.40399 AU	morning set	-3326 Jun 30 j 22:02	2° $\text{♁}$ 09'34	
evening rise	-3327 Aug 07 j 09:13	26° $\text{♁}$ 34'35					
	-3327 Aug 09 j 11:19	0° $\text{♁}$		superior conj	-3326 Jul 09 j 07:46	18° $\text{♁}$ 42'04	1°48'20
desc. node	-3327 Aug 17 j 01:47	11° $\text{♁}$ 59'06		minimum elong	-3326 Jul 09 j 07:06	18° $\text{♁}$ 38'53	1°48'27
	-3327 Aug 29 j 11:38	0° $\text{♁}$			-3326 Jul 15 j 08:15	0° $\text{♁}$	
evening max el	-3327 Sep 10 j 22:57	15° $\text{♁}$ 12'13	23°21'35	max. Earth dist.	-3326 Jul 15 j 20:20	0° $\text{♁}$ 54'55	1.38439 AU
retrograde	-3327 Sep 21 j 08:10	21° $\text{♁}$ 20'54		evening rise	-3326 Jul 19 j 17:29	7° $\text{♁}$ 48'42	
evening set	-3327 Sep 26 j 07:37	19° $\text{♁}$ 16'34			-3326 Aug 02 j 09:22	0° $\text{♁}$	
inferior conj	-3327 Oct 01 j 15:13	12° $\text{♁}$ 57'29	-0°08'37	desc. node	-3326 Aug 03 j 22:46	2° $\text{♁}$ 20'21	
minimum elong	-3327 Oct 01 j 15:25	12° $\text{♁}$ 56'47	0°08'31	evening max el	-3326 Aug 24 j 10:26	28° $\text{♁}$ 42'24	24°41'14
transit middle	-3327 Oct 01 j 15:25	12° $\text{♁}$ 56'47	0°08'31		-3326 Aug 25 j 18:53	0° $\text{♁}$	
transit begin	-3327 Oct 01 j 13:07	13° $\text{♁}$ 04'43		retrograde	-3326 Sep 04 j 21:26	5° $\text{♁}$ 23'46	
transit end	-3327 Oct 01 j 17:44	12° $\text{♁}$ 48'52		evening set	-3326 Sep 10 j 11:48	3° $\text{♁}$ 00'46	
min. Earth dist.	-3327 Oct 01 j 07:22	13° $\text{♁}$ 24'25	0.67446 AU		-3326 Sep 13 j 07:57	30° $\text{♁}$	
asc. node	-3327 Oct 02 j 01:16	12° $\text{♁}$ 23'04		min. Earth dist.	-3326 Sep 15 j 02:24	27° $\text{♁}$ 43'22	0.67184 AU
morning rise	-3327 Oct 06 j 23:08	6° $\text{♁}$ 46'29		inferior conj	-3326 Sep 15 j 20:45	26° $\text{♁}$ 42'09	-1°02'27
direct	-3327 Oct 11 j 03:20	5° $\text{♁}$ 09'19		minimum elong	-3326 Sep 15 j 22:14	26° $\text{♁}$ 37'14	1°01'46
morning max el	-3327 Oct 19 j 19:54	10° $\text{♁}$ 17'06	21°22'43	asc. node	-3326 Sep 18 j 22:21	22° $\text{♁}$ 51'38	
	-3327 Nov 03 j 23:59	0° $\text{♁}$		morning rise	-3326 Sep 21 j 08:39	20° $\text{♁}$ 37'45	
desc. node	-3327 Nov 13 j 01:27	13° $\text{♁}$ 30'20		direct	-3326 Sep 25 j 00:47	19° $\text{♁}$ 19'59	
morning set	-3327 Nov 19 j 17:55	23° $\text{♁}$ 52'15		morning max el	-3326 Oct 02 j 18:34	23° $\text{♁}$ 49'33	20°10'25
	-3327 Nov 23 j 14:20	0° $\text{♁}$			-3326 Oct 07 j 23:44	0° $\text{♁}$	
max. Earth dist.	-3327 Nov 27 j 05:56	5° $\text{♁}$ 55'56	1.42196 AU		-3326 Oct 28 j 08:04	0° $\text{♁}$	
				morning set	-3326 Oct 29 j 16:00	2° $\text{♁}$ 03'26	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3326 Oct 30 j 22:24	4° $\Omega$ 01'20		superior conj	-3325 Oct 25 j 13:06	6° $\Omega$ 52'18	-0°48'03
max. Earth dist.	-3326 Nov 09 j 15:50	19° $\Omega$ 20'49	1.43729 AU	minimum elong	-3325 Oct 25 j 07:16	6° $\Omega$ 29'12	0°47'21
					-3325 Nov 08 j 21:26	0° $\mathbb{M}$	
superior conj	-3326 Nov 15 j 02:14	28° $\Omega$ 08'29	-1°27'10	evening rise	-3325 Nov 09 j 11:58	0° $\mathbb{M}$ 59'36	
minimum elong	-3326 Nov 14 j 19:17	27° $\Omega$ 40'04	1°26'35		-3325 Nov 28 j 10:13	0° $\mathbb{J}$	
	-3326 Nov 16 j 05:24	0° $\mathbb{M}$		evening max el	-3325 Nov 29 j 09:42	1° $\mathbb{J}$ 03'22	18°35'05
evening rise	-3326 Nov 28 j 01:48	20° $\mathbb{M}$ 01'28		asc. node	-3325 Dec 02 j 18:28	3° $\mathbb{J}$ 47'36	
	-3326 Dec 03 j 20:44	0° $\mathbb{J}$		retrograde	-3325 Dec 06 j 01:22	4° $\mathbb{J}$ 45'45	
asc. node	-3326 Dec 15 j 21:23	17° $\mathbb{J}$ 40'57		evening set	-3325 Dec 09 j 01:47	3° $\mathbb{J}$ 54'52	
evening max el	-3326 Dec 15 j 21:28	17° $\mathbb{J}$ 41'11	18°12'38		-3325 Dec 13 j 12:33	30° $\mathbb{R}$ $\mathbb{M}$	
retrograde	-3326 Dec 22 j 10:16	21° $\mathbb{J}$ 10'58		inferior conj	-3325 Dec 14 j 23:40	28° $\mathbb{M}$ 18'13	3°24'31
evening set	-3326 Dec 25 j 05:59	20° $\mathbb{J}$ 30'08		minimum elong	-3325 Dec 14 j 20:41	28° $\mathbb{M}$ 27'02	3°23'47
inferior conj	-3326 Dec 31 j 12:06	15° $\mathbb{J}$ 11'46	3°50'37	min. Earth dist.	-3325 Dec 16 j 21:57	26° $\mathbb{M}$ 01'38	0.64634 AU
minimum elong	-3326 Dec 31 j 10:00	15° $\mathbb{J}$ 17'24	3°50'15	morning rise	-3325 Dec 20 j 15:11	22° $\mathbb{M}$ 13'24	
min. Earth dist.	-3325 Jan 03 j 01:20	12° $\mathbb{J}$ 28'18	0.63059 AU	direct	-3325 Dec 27 j 10:53	19° $\mathbb{M}$ 21'58	
morning rise	-3325 Jan 06 j 13:19	9° $\mathbb{J}$ 15'26		morning max el	-3324 Jan 09 j 19:23	27° $\mathbb{M}$ 02'43	27°13'09
direct	-3325 Jan 13 j 14:45	6° $\mathbb{J}$ 31'51			-3324 Jan 12 j 14:45	0° $\mathbb{J}$	
desc. node	-3325 Jan 26 j 21:52	13° $\mathbb{J}$ 47'14		desc. node	-3324 Jan 13 j 18:54	1° $\mathbb{J}$ 19'34	
morning max el	-3325 Jan 27 j 10:03	14° $\mathbb{J}$ 16'55	27°41'29		-3324 Feb 02 j 19:57	0° $\mathbb{Z}$	
	-3325 Feb 09 j 05:06	0° $\mathbb{Z}$		morning set	-3324 Feb 14 j 05:02	20° $\mathbb{Z}$ 35'01	
	-3325 Feb 27 j 02:36	0° $\approx$			-3324 Feb 18 j 22:00	0° $\approx$	
morning set	-3325 Mar 02 j 12:56	6° $\approx$ 44'19		max. Earth dist.	-3324 Feb 18 j 22:50	0° $\approx$ 04'17	1.33966 AU
max. Earth dist.	-3325 Mar 07 j 23:43	18° $\approx$ 01'54	1.33094 AU				
				superior conj	-3324 Feb 22 j 07:41	7° $\approx$ 04'56	-1°02'42
superior conj	-3325 Mar 10 j 02:54	22° $\approx$ 35'49	-0°38'19	minimum elong	-3324 Feb 22 j 10:22	7° $\approx$ 19'05	1°02'20
minimum elong	-3325 Mar 10 j 04:38	22° $\approx$ 45'06	0°38'02	asc. node	-3324 Feb 28 j 17:47	20° $\approx$ 41'42	
asc. node	-3325 Mar 13 j 20:45	0° $\mathbb{H}$ 41'02		evening rise	-3324 Feb 29 j 15:32	22° $\approx$ 35'36	
	-3325 Mar 13 j 13:09	0° $\mathbb{H}$			-3324 Mar 04 j 06:40	0° $\mathbb{H}$	
evening rise	-3325 Mar 17 j 04:49	7° $\mathbb{H}$ 48'25		evening max el	-3324 Mar 21 j 12:51	26° $\mathbb{H}$ 04'17	21°58'20
	-3325 Mar 28 j 22:48	0° $\mathbb{Y}$			-3324 Mar 26 j 15:13	0° $\mathbb{Y}$	
evening max el	-3325 Apr 09 j 17:59	15° $\mathbb{Y}$ 18'33	23°31'45	retrograde	-3324 Apr 03 j 01:57	2° $\mathbb{Y}$ 09'49	
retrograde	-3325 Apr 23 j 08:12	22° $\mathbb{Y}$ 04'03		evening set	-3324 Apr 05 j 19:25	1° $\mathbb{Y}$ 53'14	
desc. node	-3325 Apr 24 j 20:46	21° $\mathbb{Y}$ 58'51		desc. node	-3324 Apr 10 j 17:52	0° $\mathbb{Y}$ 09'48	
evening set	-3325 Apr 27 j 02:50	21° $\mathbb{Y}$ 32'44			-3324 Apr 11 j 02:00	30° $\mathbb{R}$ $\mathbb{H}$	
min. Earth dist.	-3325 May 04 j 04:57	18° $\mathbb{Y}$ 17'18	0.55998 AU	inferior conj	-3324 Apr 15 j 04:25	27° $\mathbb{H}$ 47'33	-1°13'39
inferior conj	-3325 May 06 j 05:37	17° $\mathbb{Y}$ 04'39	-2°55'21	minimum elong	-3324 Apr 15 j 01:02	27° $\mathbb{H}$ 52'18	1°12'31
minimum elong	-3325 May 05 j 23:27	17° $\mathbb{Y}$ 13'53	2°53'41	min. Earth dist.	-3324 Apr 14 j 18:40	28° $\mathbb{H}$ 01'16	0.55193 AU
morning rise	-3325 May 14 j 22:49	13° $\mathbb{Y}$ 06'03		morning rise	-3324 Apr 24 j 07:50	23° $\mathbb{H}$ 49'10	
direct	-3325 May 17 j 11:37	12° $\mathbb{Y}$ 50'01		direct	-3324 Apr 27 j 01:46	23° $\mathbb{H}$ 32'19	
morning max el	-3325 May 27 j 19:36	17° $\mathbb{Y}$ 37'48	20°09'05	morning max el	-3324 May 09 j 02:06	29° $\mathbb{H}$ 12'05	21°31'28
	-3325 Jun 06 j 05:20	0° $\mathbb{B}$			-3324 May 09 j 21:59	0° $\mathbb{Y}$	
asc. node	-3325 Jun 09 j 20:16	6° $\mathbb{B}$ 25'00		asc. node	-3324 May 26 j 17:19	25° $\mathbb{Y}$ 57'23	
morning set	-3325 Jun 15 j 01:42	16° $\mathbb{B}$ 39'34			-3324 May 28 j 17:16	0° $\mathbb{B}$	
	-3325 Jun 21 j 14:34	0° $\mathbb{I}$		morning set	-3324 May 29 j 10:10	1° $\mathbb{B}$ 26'59	
superior conj	-3325 Jun 22 j 20:57	2° $\mathbb{I}$ 33'23	1°41'22	superior conj	-3324 Jun 05 j 19:43	16° $\mathbb{B}$ 55'47	1°28'15
minimum elong	-3325 Jun 22 j 18:55	2° $\mathbb{I}$ 23'07	1°41'20	minimum elong	-3324 Jun 05 j 17:06	16° $\mathbb{B}$ 42'11	1°28'01
max. Earth dist.	-3325 Jun 28 j 01:10	12° $\mathbb{I}$ 43'29	1.36602 AU	max. Earth dist.	-3324 Jun 09 j 13:50	24° $\mathbb{B}$ 37'21	1.35060 AU
evening rise	-3325 Jul 02 j 00:55	20° $\mathbb{I}$ 11'48			-3324 Jun 12 j 06:51	0° $\mathbb{I}$	
	-3325 Jul 07 j 13:46	0° $\mathbb{E}$		evening rise	-3324 Jun 14 j 02:24	3° $\mathbb{I}$ 30'26	
desc. node	-3325 Jul 21 j 19:47	22° $\mathbb{E}$ 23'24			-3324 Jun 29 j 10:20	0° $\mathbb{E}$	
	-3325 Jul 27 j 08:45	0° $\mathbb{O}$		desc. node	-3324 Jul 07 j 16:51	12° $\mathbb{E}$ 00'22	
evening max el	-3325 Aug 06 j 21:19	12° $\mathbb{O}$ 14'42	25°52'48	evening max el	-3324 Jul 19 j 08:37	25° $\mathbb{E}$ 44'02	26°48'14
retrograde	-3325 Aug 19 j 06:06	19° $\mathbb{O}$ 19'42			-3324 Jul 24 j 10:20	0° $\mathbb{O}$	
evening set	-3325 Aug 25 j 11:18	16° $\mathbb{O}$ 41'07		retrograde	-3324 Aug 01 j 09:54	3° $\mathbb{O}$ 02'46	
min. Earth dist.	-3325 Aug 29 j 17:27	12° $\mathbb{O}$ 01'03	0.66598 AU	evening set	-3324 Aug 08 j 03:52	0° $\mathbb{O}$ 15'26	
inferior conj	-3325 Aug 30 j 23:19	10° $\mathbb{O}$ 26'20	-1°55'09		-3324 Aug 08 j 11:07	30° $\mathbb{R}$ $\mathbb{E}$	
minimum elong	-3325 Aug 31 j 02:00	10° $\mathbb{O}$ 17'49	1°54'02	min. Earth dist.	-3324 Aug 12 j 02:18	26° $\mathbb{E}$ 13'37	0.65651 AU
morning rise	-3325 Sep 05 j 16:50	4° $\mathbb{O}$ 31'40		inferior conj	-3324 Aug 13 j 20:58	24° $\mathbb{E}$ 07'27	-2°44'44
asc. node	-3325 Sep 05 j 19:28	4° $\mathbb{O}$ 27'38		minimum elong	-3324 Aug 14 j 00:34	23° $\mathbb{E}$ 56'48	2°43'27
direct	-3325 Sep 08 j 23:03	3° $\mathbb{O}$ 30'22		morning rise	-3324 Aug 19 j 21:39	18° $\mathbb{E}$ 25'43	
morning max el	-3325 Sep 16 j 00:23	7° $\mathbb{O}$ 30'29	19°11'53	direct	-3324 Aug 22 j 20:14	17° $\mathbb{E}$ 37'33	
	-3325 Oct 02 j 01:26	0° $\mathbb{P}$		asc. node	-3324 Aug 22 j 16:33	17° $\mathbb{E}$ 37'41	
morning set	-3325 Oct 08 j 22:39	10° $\mathbb{P}$ 46'06		morning max el	-3324 Aug 29 j 11:46	21° $\mathbb{E}$ 17'18	18°29'09
desc. node	-3325 Oct 17 j 19:21	24° $\mathbb{P}$ 40'09			-3324 Sep 05 j 05:59	0° $\mathbb{O}$	
	-3325 Oct 21 j 04:42	0° $\mathbb{U}$		morning set	-3324 Sep 18 j 06:17	20° $\mathbb{O}$ 43'42	
max. Earth dist.	-3325 Oct 23 j 07:40	3° $\mathbb{U}$ 20'56	1.44648 AU		-3324 Sep 24 j 00:00	0° $\mathbb{P}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3324 Oct 03 j 12:41	15° $\cap$ 09'32	0°00'59	superior conj	-3323 Sep 12 j 23:33	24° $\Omega$ 03'33	0°47'19
minimum elong	-3324 Oct 03 j 12:49	15° $\cap$ 10'02	0°01'01	minimum elong	-3323 Sep 13 j 04:32	24° $\Omega$ 23'43	0°46'45
behind sun begin	-3324 Oct 03 j 01:32	14° $\cap$ 25'30			-3323 Sep 16 j 16:14	0° $\cap$	
behind sun end	-3324 Oct 04 j 00:06	15° $\cap$ 54'33		max. Earth dist.	-3323 Sep 17 j 18:57	1° $\cap$ 46'25	1.44326 AU
desc. node	-3324 Oct 03 j 16:22	15° $\cap$ 24'04		desc. node	-3323 Sep 20 j 13:20	6° $\cap$ 09'10	
max. Earth dist.	-3324 Oct 05 j 01:46	17° $\cap$ 35'42	1.44851 AU	evening rise	-3323 Sep 29 j 09:33	19° $\cap$ 56'36	
	-3324 Oct 12 j 23:05	0° $\underline{\cap}$			-3323 Oct 05 j 22:41	0° $\underline{\cap}$	
evening rise	-3324 Oct 19 j 21:31	10° $\underline{\cap}$ 55'01		greatest brilliancy	-3323 Oct 13 j 04:35	10° $\underline{\cap}$ 55'19	-0.6m
greatest brilliancy	-3324 Oct 29 j 12:12	26° $\underline{\cap}$ 01'45	-0.8m	evening max el	-3323 Oct 26 j 00:13	27° $\underline{\cap}$ 56'11	20°10'02
	-3324 Nov 01 j 02:01	0° $\cap$			-3323 Oct 28 j 05:20	0° $\cap$	
evening max el	-3324 Nov 11 j 19:17	14° $\cap$ 29'07	19°14'48	retrograde	-3323 Nov 02 j 18:12	2° $\cap$ 29'03	
retrograde	-3324 Nov 18 j 20:57	18° $\cap$ 33'01		asc. node	-3323 Nov 05 j 12:39	1° $\cap$ 44'40	
asc. node	-3324 Nov 18 j 15:34	18° $\cap$ 32'44		evening set	-3323 Nov 06 j 09:45	1° $\cap$ 11'42	
evening set	-3324 Nov 22 j 03:51	17° $\cap$ 30'08			-3323 Nov 07 j 19:59	30° $\cap$ $\underline{\cap}$	
inferior conj	-3324 Nov 27 j 19:36	11° $\cap$ 38'16	2°47'44	inferior conj	-3323 Nov 11 j 21:11	25° $\underline{\cap}$ 07'59	2°03'38
minimum elong	-3324 Nov 27 j 16:32	11° $\cap$ 47'59	2°46'46	minimum elong	-3323 Nov 11 j 18:38	25° $\underline{\cap}$ 16'30	2°02'40
min. Earth dist.	-3324 Nov 29 j 03:48	9° $\cap$ 55'50	0.65851 AU	min. Earth dist.	-3323 Nov 12 j 16:50	24° $\underline{\cap}$ 02'16	0.66712 AU
morning rise	-3324 Dec 03 j 04:57	5° $\cap$ 27'31		morning rise	-3323 Nov 17 j 03:17	18° $\underline{\cap}$ 53'50	
direct	-3324 Dec 09 j 13:19	2° $\cap$ 41'20		direct	-3323 Nov 22 j 21:24	16° $\underline{\cap}$ 22'22	
morning max el	-3324 Dec 22 j 05:06	10° $\cap$ 07'13	26°16'32	morning max el	-3323 Dec 04 j 13:51	23° $\underline{\cap}$ 19'30	25°00'35
desc. node	-3324 Dec 30 j 15:56	19° $\cap$ 53'20			-3323 Dec 10 j 12:29	0° $\cap$	
	-3323 Jan 07 j 00:38	0° $\mathcal{A}$		desc. node	-3323 Dec 17 j 12:57	9° $\cap$ 10'38	
	-3323 Jan 25 j 08:12	0° $\mathcal{B}$			-3323 Dec 31 j 09:31	0° $\mathcal{A}$	
morning set	-3323 Jan 27 j 08:26	3° $\mathcal{B}$ 42'49		morning set	-3322 Jan 09 j 17:55	15° $\mathcal{A}$ 52'40	
max. Earth dist.	-3323 Jan 31 j 10:25	11° $\mathcal{B}$ 31'27	1.35282 AU	max. Earth dist.	-3322 Jan 13 j 10:54	22° $\mathcal{A}$ 36'45	1.37024 AU
					-3322 Jan 17 j 08:49	0° $\mathcal{B}$	
superior conj	-3323 Feb 05 j 05:57	21° $\mathcal{B}$ 09'36	-1°24'47				
minimum elong	-3323 Feb 05 j 09:11	21° $\mathcal{B}$ 26'06	1°24'28	superior conj	-3322 Jan 19 j 18:44	4° $\mathcal{B}$ 41'22	-1°42'43
	-3323 Feb 09 j 12:41	0° $\approx$		minimum elong	-3322 Jan 19 j 21:44	4° $\mathcal{B}$ 56'08	1°42'34
evening rise	-3323 Feb 12 j 23:23	7° $\approx$ 08'13		evening rise	-3322 Jan 28 j 02:17	21° $\mathcal{B}$ 19'59	
asc. node	-3323 Feb 14 j 14:50	10° $\approx$ 29'13		asc. node	-3322 Feb 01 j 11:52	29° $\mathcal{B}$ 58'04	
	-3323 Feb 25 j 14:53	0° $\mathcal{H}$			-3322 Feb 01 j 12:16	0° $\approx$	
evening max el	-3323 Mar 03 j 16:31	7° $\mathcal{H}$ 16'26	20°35'08	evening max el	-3322 Feb 14 j 06:59	19° $\approx$ 05'18	19°28'47
retrograde	-3323 Mar 14 j 15:48	12° $\mathcal{H}$ 30'06		retrograde	-3322 Feb 23 j 13:57	23° $\approx$ 30'25	
evening set	-3323 Mar 16 j 22:46	12° $\mathcal{H}$ 17'21		evening set	-3322 Feb 25 j 21:21	23° $\approx$ 15'18	
inferior conj	-3323 Mar 26 j 00:06	8° $\mathcal{H}$ 19'30	0°43'33	inferior conj	-3322 Mar 06 j 06:35	19° $\approx$ 09'15	2°23'41
minimum elong	-3323 Mar 26 j 02:03	8° $\mathcal{H}$ 16'40	0°42'50	minimum elong	-3322 Mar 06 j 11:26	19° $\approx$ 01'22	2°22'16
min. Earth dist.	-3323 Mar 27 j 08:53	7° $\mathcal{H}$ 31'52	0.55317 AU	min. Earth dist.	-3322 Mar 08 j 23:44	17° $\approx$ 23'55	0.56343 AU
desc. node	-3323 Mar 28 j 14:59	6° $\mathcal{H}$ 49'06		morning rise	-3322 Mar 14 j 22:50	14° $\approx$ 22'41	
morning rise	-3323 Apr 04 j 04:01	4° $\mathcal{H}$ 02'30		desc. node	-3322 Mar 15 j 12:04	14° $\approx$ 12'05	
direct	-3323 Apr 07 j 14:10	3° $\mathcal{H}$ 37'00		direct	-3322 Mar 19 j 12:28	13° $\approx$ 35'14	
morning max el	-3323 Apr 20 j 22:54	10° $\mathcal{H}$ 08'21	23°07'15	morning max el	-3322 Apr 02 j 14:10	20° $\approx$ 43'39	24°46'03
	-3323 May 05 j 11:06	0° $\mathcal{Y}$			-3322 Apr 10 j 12:57	0° $\mathcal{H}$	
morning set	-3323 May 13 j 21:21	16° $\mathcal{Y}$ 24'25			-3322 Apr 27 j 17:03	0° $\mathcal{Y}$	
asc. node	-3323 May 13 j 14:21	15° $\mathcal{Y}$ 47'51		morning set	-3322 Apr 28 j 09:31	1° $\mathcal{Y}$ 26'11	
	-3323 May 20 j 06:26	0° $\mathcal{B}$		asc. node	-3322 Apr 30 j 11:22	5° $\mathcal{Y}$ 50'55	
superior conj	-3323 May 21 j 00:53	1° $\mathcal{B}$ 38'29	1°10'36	superior conj	-3322 May 05 j 10:04	16° $\mathcal{Y}$ 33'43	0°49'38
minimum elong	-3323 May 20 j 22:20	1° $\mathcal{B}$ 24'54	1°10'14	minimum elong	-3322 May 05 j 08:03	16° $\mathcal{Y}$ 22'48	0°49'17
max. Earth dist.	-3323 May 23 j 12:14	6° $\mathcal{B}$ 52'35	1.33890 AU	max. Earth dist.	-3322 May 06 j 19:06	19° $\mathcal{Y}$ 32'23	1.33097 AU
evening rise	-3323 May 28 j 16:54	17° $\mathcal{B}$ 29'22			-3322 May 11 j 17:47	0° $\mathcal{B}$	
	-3323 Jun 04 j 07:27	0° $\mathcal{H}$		evening rise	-3322 May 12 j 16:34	1° $\mathcal{B}$ 56'44	
	-3323 Jun 23 j 19:01	0° $\mathcal{B}$			-3322 May 28 j 05:06	0° $\mathcal{H}$	
desc. node	-3323 Jun 24 j 13:55	0° $\mathcal{B}$ 59'08		desc. node	-3322 Jun 11 j 11:00	19° $\mathcal{H}$ 03'33	
evening max el	-3323 Jul 01 j 19:44	9° $\mathcal{B}$ 00'10	27°20'09	evening max el	-3322 Jun 14 j 04:47	21° $\mathcal{H}$ 51'03	27°22'24
retrograde	-3323 Jul 15 j 08:19	16° $\mathcal{B}$ 23'45		retrograde	-3322 Jun 28 j 00:27	29° $\mathcal{H}$ 13'37	
evening set	-3323 Jul 22 j 10:34	13° $\mathcal{B}$ 38'25		evening set	-3322 Jul 05 j 03:46	26° $\mathcal{H}$ 43'54	
min. Earth dist.	-3323 Jul 26 j 02:52	10° $\mathcal{B}$ 12'32	0.64322 AU	min. Earth dist.	-3322 Jul 08 j 17:45	23° $\mathcal{H}$ 46'31	0.62635 AU
inferior conj	-3323 Jul 28 j 11:16	7° $\mathcal{B}$ 40'16	-3°28'37	inferior conj	-3322 Jul 11 j 15:22	20° $\mathcal{H}$ 58'33	-4°03'00
minimum elong	-3323 Jul 28 j 15:13	7° $\mathcal{B}$ 29'35	3°27'31	minimum elong	-3322 Jul 11 j 18:40	20° $\mathcal{H}$ 50'34	4°02'24
morning rise	-3323 Aug 03 j 20:35	2° $\mathcal{B}$ 14'24		morning rise	-3322 Jul 18 j 10:43	15° $\mathcal{H}$ 51'30	
direct	-3323 Aug 06 j 13:51	1° $\mathcal{B}$ 36'15		direct	-3322 Jul 21 j 00:52	15° $\mathcal{H}$ 20'44	
asc. node	-3323 Aug 09 j 13:38	2° $\mathcal{B}$ 22'17		asc. node	-3322 Jul 27 j 10:43	18° $\mathcal{H}$ 29'54	
morning max el	-3323 Aug 13 j 02:14	5° $\mathcal{B}$ 04'11	18°03'29	morning max el	-3322 Jul 27 j 17:04	18° $\mathcal{H}$ 45'15	17°55'50
	-3323 Aug 29 j 13:02	0° $\Omega$			-3322 Aug 04 j 21:25	0° $\mathcal{B}$	
morning set	-3323 Aug 30 j 17:10	1° $\Omega$ 59'34		morning set	-3322 Aug 13 j 02:41	14° $\mathcal{B}$ 20'16	
					-3322 Aug 22 j 00:33	0° $\Omega$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3322 Aug 24 j 11:58	4° $\Omega$ 13'29	1°21'34	superior conj	-3321 Aug 06 j 03:28	15° $\Omega$ 44'24	1°41'26
minimum elong	-3322 Aug 24 j 17:20	4° $\Omega$ 36'09	1°21'08	minimum elong	-3321 Aug 06 j 06:34	15° $\Omega$ 58'14	1°41'22
max. Earth dist.	-3322 Aug 31 j 08:42	15° $\Omega$ 36'26	1.43155 AU	max. Earth dist.	-3321 Aug 13 j 17:17	28° $\Omega$ 51'31	1.41490 AU
desc. node	-3322 Sep 07 j 10:19	26° $\Omega$ 52'36			-3321 Aug 14 j 09:38	0° $\Omega$	
evening rise	-3322 Sep 08 j 14:09	28° $\Omega$ 41'17		evening rise	-3321 Aug 19 j 07:02	8° $\Omega$ 01'45	
	-3322 Sep 09 j 10:24	0° $\Pi$		desc. node	-3321 Aug 25 j 07:19	17° $\Omega$ 31'02	
	-3322 Sep 29 j 17:35	0° $\Omega$			-3321 Sep 02 j 14:32	0° $\Pi$	
evening max el	-3322 Oct 08 j 23:15	11° $\Omega$ 22'39	21°18'09	evening max el	-3321 Sep 21 j 16:20	24° $\Pi$ 49'02	22°35'14
retrograde	-3322 Oct 17 j 14:59	16° $\Omega$ 30'34			-3321 Sep 28 j 14:32	0° $\Omega$	
evening set	-3322 Oct 21 j 17:27	14° $\Omega$ 56'10		retrograde	-3321 Oct 01 j 09:45	0° $\Omega$ 35'27	
asc. node	-3322 Oct 23 j 09:43	13° $\Omega$ 23'18			-3321 Oct 04 j 00:47	30° $\mathbb{R}$ $\Pi$	
inferior conj	-3322 Oct 27 j 02:11	8° $\Omega$ 43'51	1°14'30	evening set	-3321 Oct 06 j 01:10	28° $\Pi$ 42'06	
minimum elong	-3322 Oct 27 j 00:31	8° $\Omega$ 49'32	1°13'48	asc. node	-3321 Oct 10 j 06:48	23° $\Pi$ 53'32	
min. Earth dist.	-3322 Oct 27 j 10:35	8° $\Omega$ 14'58	0.67242 AU	inferior conj	-3321 Oct 11 j 08:44	22° $\Pi$ 24'30	0°22'15
morning rise	-3322 Nov 01 j 07:26	2° $\Omega$ 28'56		minimum elong	-3321 Oct 11 j 08:13	22° $\Pi$ 26'18	0°22'02
direct	-3322 Nov 06 j 10:18	0° $\Omega$ 17'41		min. Earth dist.	-3321 Oct 11 j 06:42	22° $\Pi$ 31'34	0.67459 AU
morning max el	-3322 Nov 16 j 22:44	6° $\Omega$ 34'17	23°35'05	morning rise	-3321 Oct 16 j 15:10	16° $\Pi$ 11'29	
desc. node	-3322 Dec 04 j 09:56	28° $\Omega$ 58'16		direct	-3321 Oct 21 j 03:14	14° $\Pi$ 22'12	
	-3322 Dec 05 j 02:53	0° $\Pi$		morning max el	-3321 Oct 30 j 11:01	19° $\Pi$ 54'09	22°09'19
morning set	-3322 Dec 22 j 03:10	26° $\Pi$ 46'54			-3321 Nov 07 j 21:27	0° $\Omega$	
	-3322 Dec 24 j 00:27	0° $\mathbb{A}$		desc. node	-3321 Nov 21 j 06:56	19° $\Omega$ 07'45	
max. Earth dist.	-3322 Dec 26 j 06:25	3° $\mathbb{A}$ 54'20	1.39058 AU		-3321 Nov 28 j 08:46	0° $\Pi$	
				morning set	-3321 Dec 02 j 07:45	6° $\Pi$ 17'26	
superior conj	-3321 Jan 02 j 17:57	17° $\mathbb{A}$ 28'26	-1°53'57	max. Earth dist.	-3321 Dec 08 j 05:08	15° $\Pi$ 58'05	1.41119 AU
minimum elong	-3321 Jan 02 j 19:31	17° $\mathbb{A}$ 35'44	1°54'00				
	-3321 Jan 09 j 07:10	0° $\mathbb{B}$		superior conj	-3321 Dec 15 j 22:34	29° $\Pi$ 18'07	-1°55'05
evening rise	-3321 Jan 11 j 21:38	5° $\mathbb{B}$ 03'27		minimum elong	-3321 Dec 15 j 21:08	29° $\Pi$ 11'46	1°55'09
asc. node	-3321 Jan 19 j 08:53	19° $\mathbb{B}$ 00'54			-3321 Dec 16 j 08:00	0° $\mathbb{A}$	
	-3321 Jan 26 j 21:22	0° $\approx$		evening rise	-3321 Dec 26 j 06:22	18° $\mathbb{A}$ 11'54	
evening max el	-3321 Jan 28 j 06:59	1° $\approx$ 27'25	18°41'52		-3320 Jan 01 j 17:05	0° $\mathbb{B}$	
retrograde	-3321 Feb 05 j 05:32	5° $\approx$ 18'15		asc. node	-3320 Jan 06 j 05:54	7° $\mathbb{B}$ 29'42	
evening set	-3321 Feb 07 j 16:29	4° $\approx$ 57'34		evening max el	-3320 Jan 11 j 14:00	14° $\mathbb{B}$ 15'54	18°15'01
inferior conj	-3321 Feb 15 j 08:07	0° $\approx$ 33'17	3°28'21	retrograde	-3320 Jan 18 j 15:31	17° $\mathbb{B}$ 48'21	
minimum elong	-3321 Feb 15 j 12:02	0° $\approx$ 25'54	3°27'35	evening set	-3320 Jan 21 j 05:46	17° $\mathbb{B}$ 20'41	
	-3321 Feb 16 j 01:40	30° $\mathbb{R}$ $\mathbb{B}$		inferior conj	-3320 Jan 28 j 06:03	12° $\mathbb{B}$ 34'58	3°57'27
min. Earth dist.	-3321 Feb 18 j 16:16	28° $\mathbb{B}$ 03'16	0.58023 AU	minimum elong	-3320 Jan 28 j 07:18	12° $\mathbb{B}$ 32'13	3°57'15
morning rise	-3321 Feb 23 j 05:06	25° $\mathbb{B}$ 18'25		min. Earth dist.	-3320 Jan 31 j 13:35	9° $\mathbb{B}$ 41'40	0.60014 AU
direct	-3321 Feb 28 j 23:33	23° $\mathbb{B}$ 56'14		morning rise	-3320 Feb 04 j 07:05	6° $\mathbb{B}$ 58'48	
desc. node	-3321 Mar 02 j 09:09	24° $\mathbb{B}$ 01'05		direct	-3320 Feb 10 j 22:18	4° $\mathbb{B}$ 57'59	
	-3321 Mar 13 j 17:27	0° $\approx$		desc. node	-3320 Feb 17 j 06:13	6° $\mathbb{B}$ 39'06	
morning max el	-3321 Mar 15 j 06:03	1° $\approx$ 24'56	26°13'32	morning max el	-3320 Feb 25 j 03:23	12° $\mathbb{B}$ 37'33	27°15'19
	-3321 Apr 04 j 12:02	0° $\mathbb{H}$			-3320 Mar 09 j 21:31	0° $\approx$	
morning set	-3321 Apr 12 j 21:01	16° $\mathbb{H}$ 25'58			-3320 Mar 26 j 15:07	0° $\mathbb{H}$	
asc. node	-3321 Apr 17 j 08:23	26° $\mathbb{H}$ 01'21		morning set	-3320 Mar 27 j 06:04	1° $\mathbb{H}$ 17'15	
	-3321 Apr 19 j 04:05	0° $\mathbb{Y}$					
				superior conj	-3320 Apr 03 j 09:02	16° $\mathbb{H}$ 34'36	0°01'37
superior conj	-3321 Apr 19 j 21:21	1° $\mathbb{Y}$ 34'30	0°26'21	minimum elong	-3320 Apr 03 j 08:57	16° $\mathbb{H}$ 34'13	0°01'35
minimum elong	-3321 Apr 19 j 20:12	1° $\mathbb{Y}$ 28'15	0°26'07	behind sun begin	-3320 Apr 03 j 03:58	16° $\mathbb{H}$ 06'54	
max. Earth dist.	-3321 Apr 20 j 07:09	2° $\mathbb{Y}$ 28'07	1.32649 AU	behind sun end	-3320 Apr 03 j 13:57	17° $\mathbb{H}$ 01'32	
evening rise	-3321 Apr 26 j 22:23	16° $\mathbb{Y}$ 42'12		max. Earth dist.	-3320 Apr 02 j 20:36	15° $\mathbb{H}$ 26'36	1.32537 AU
	-3321 May 03 j 15:55	0° $\mathbb{B}$		asc. node	-3320 Apr 03 j 05:22	16° $\mathbb{H}$ 14'35	
	-3321 May 23 j 11:41	0° $\Pi$			-3320 Apr 09 j 13:35	0° $\mathbb{Y}$	
evening max el	-3321 May 27 j 09:09	4° $\Pi$ 04'52	26°51'49	evening rise	-3320 Apr 10 j 08:00	1° $\mathbb{Y}$ 37'13	
desc. node	-3321 May 29 j 08:03	5° $\Pi$ 50'57			-3320 Apr 25 j 20:22	0° $\mathbb{B}$	
retrograde	-3321 Jun 10 j 09:08	11° $\Pi$ 24'18		evening max el	-3320 May 08 j 06:59	15° $\mathbb{B}$ 35'06	25°50'07
evening set	-3321 Jun 17 j 03:19	9° $\Pi$ 23'40		desc. node	-3320 May 15 j 05:07	20° $\mathbb{B}$ 49'53	
min. Earth dist.	-3321 Jun 20 j 22:40	6° $\Pi$ 41'43	0.60678 AU	retrograde	-3320 May 22 j 08:52	22° $\mathbb{B}$ 49'41	
inferior conj	-3321 Jun 24 j 05:52	3° $\Pi$ 54'21	-4°22'01	evening set	-3320 May 28 j 05:33	21° $\mathbb{B}$ 26'51	
minimum elong	-3321 Jun 24 j 07:05	3° $\Pi$ 51'46	4°21'52	min. Earth dist.	-3320 Jun 01 j 19:21	18° $\mathbb{B}$ 43'15	0.58636 AU
	-3321 Jun 29 j 13:33	30° $\mathbb{R}$ $\mathbb{B}$		inferior conj	-3320 Jun 05 j 03:05	16° $\mathbb{B}$ 17'24	-4°16'57
morning rise	-3321 Jul 01 j 12:39	29° $\mathbb{B}$ 08'37		minimum elong	-3320 Jun 05 j 00:49	16° $\mathbb{B}$ 21'35	4°16'42
direct	-3321 Jul 04 j 01:26	28° $\mathbb{B}$ 43'24		morning rise	-3320 Jun 12 j 22:43	11° $\mathbb{B}$ 53'45	
	-3321 Jul 08 j 08:47	0° $\Pi$		direct	-3320 Jun 15 j 10:58	11° $\mathbb{B}$ 33'05	
morning max el	-3321 Jul 11 j 05:32	2° $\Pi$ 14'11	18°07'11	morning max el	-3320 Jun 23 j 12:45	15° $\mathbb{B}$ 22'15	18°38'26
asc. node	-3321 Jul 14 j 07:47	5° $\Pi$ 45'21		asc. node	-3320 Jun 30 j 04:50	23° $\mathbb{B}$ 53'27	
morning set	-3321 Jul 27 j 05:18	27° $\Pi$ 31'14			-3320 Jul 03 j 19:45	0° $\Pi$	
	-3321 Jul 28 j 13:13	0° $\mathbb{D}$		morning set	-3320 Jul 09 j 20:18	11° $\Pi$ 19'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3320 Jul 18 j 17:05	28° $\Pi$ 22'20	1°48'45	asc. node	-3319 Jun 17 j 01:54	12° $\mathcal{B}$ 42'13	
minimum elong	-3320 Jul 18 j 17:36	28° $\Pi$ 24'50	1°48'52	morning set	-3319 Jun 23 j 20:12	25° $\mathcal{B}$ 37'12	
	-3320 Jul 19 j 13:58	0° $\mathcal{E}$			-3319 Jun 26 j 00:35	0° $\Pi$	
max. Earth dist.	-3320 Jul 25 j 20:34	11° $\mathcal{E}$ 21'54	1.39559 AU				
evening rise	-3320 Jul 30 j 00:13	18° $\mathcal{E}$ 31'30		superior conj	-3319 Jul 01 j 23:08	11° $\Pi$ 51'32	1°46'16
	-3320 Aug 06 j 00:26	0° $\Omega$		minimum elong	-3319 Jul 01 j 21:47	11° $\Pi$ 44'53	1°46'19
desc. node	-3320 Aug 11 j 04:19	7° $\Omega$ 59'53		max. Earth dist.	-3319 Jul 07 j 22:33	23° $\Pi$ 16'57	1.37627 AU
	-3320 Aug 26 j 22:38	0° $\mathcal{M}$		evening rise	-3319 Jul 11 j 18:59	0° $\mathcal{E}$ 16'54	
evening max el	-3320 Sep 03 j 04:56	8° $\mathcal{M}$ 16'21	23°55'55		-3319 Jul 11 j 15:12	0° $\mathcal{E}$	
retrograde	-3320 Sep 14 j 01:21	14° $\mathcal{M}$ 40'04		desc. node	-3319 Jul 29 j 01:18	28° $\mathcal{E}$ 14'15	
evening set	-3320 Sep 19 j 07:10	12° $\mathcal{M}$ 27'16			-3319 Jul 30 j 06:20	0° $\Omega$	
min. Earth dist.	-3320 Sep 24 j 02:47	6° $\mathcal{M}$ 49'47	0.67371 AU	evening max el	-3319 Aug 16 j 15:45	21° $\Omega$ 47'01	25°13'07
inferior conj	-3320 Sep 24 j 15:07	6° $\mathcal{M}$ 07'51	-0°31'30	retrograde	-3319 Aug 28 j 12:53	28° $\Omega$ 40'34	
minimum elong	-3320 Sep 24 j 15:52	6° $\mathcal{M}$ 05'20	0°31'08	evening set	-3319 Sep 03 j 09:38	26° $\Omega$ 10'15	
asc. node	-3320 Sep 26 j 03:54	4° $\mathcal{M}$ 04'58		min. Earth dist.	-3319 Sep 07 j 20:29	21° $\Omega$ 08'23	0.66972 AU
morning rise	-3320 Sep 30 j 00:32	29° $\Omega$ 59'32		inferior conj	-3319 Sep 08 j 19:37	19° $\Omega$ 52'34	-1°25'06
	-3320 Sep 30 j 00:17	30° $\mathcal{R}$ $\Omega$		minimum elong	-3319 Sep 08 j 21:38	19° $\Omega$ 46'00	1°24'12
direct	-3320 Oct 03 j 23:17	28° $\Omega$ 31'08		asc. node	-3319 Sep 13 j 01:02	14° $\Omega$ 56'53	
	-3320 Oct 08 j 06:24	0° $\mathcal{M}$		morning rise	-3319 Sep 14 j 09:43	13° $\Omega$ 51'52	
morning max el	-3320 Oct 12 j 05:34	3° $\mathcal{M}$ 21'44	20°50'32	direct	-3319 Sep 17 j 21:14	12° $\Omega$ 41'41	
	-3320 Oct 31 j 21:25	0° $\mathcal{A}$		morning max el	-3319 Sep 25 j 07:25	16° $\Omega$ 58'03	19°43'39
desc. node	-3320 Nov 07 j 03:56	9° $\mathcal{A}$ 32'18			-3319 Oct 05 j 08:39	0° $\mathcal{M}$	
morning set	-3320 Nov 10 j 11:59	14° $\mathcal{A}$ 42'10		morning set	-3319 Oct 20 j 10:42	22° $\mathcal{M}$ 58'07	
max. Earth dist.	-3320 Nov 19 j 10:38	28° $\mathcal{A}$ 54'39	1.42908 AU		-3319 Oct 24 j 23:06	0° $\mathcal{A}$	
	-3320 Nov 20 j 02:43	0° $\mathcal{M}$		desc. node	-3319 Oct 25 j 00:54	0° $\mathcal{A}$ 07'01	
				max. Earth dist.	-3319 Nov 01 j 22:43	12° $\mathcal{A}$ 34'10	1.44194 AU
superior conj	-3320 Nov 26 j 02:54	9° $\mathcal{M}$ 56'33	-1°42'13				
minimum elong	-3320 Nov 25 j 21:34	9° $\mathcal{M}$ 34'05	1°41'56	superior conj	-3319 Nov 06 j 03:44	19° $\mathcal{A}$ 18'04	-1°12'25
	-3320 Dec 07 j 16:15	0° $\mathcal{A}$		minimum elong	-3319 Nov 05 j 20:31	18° $\mathcal{A}$ 49'03	1°11'41
evening rise	-3320 Dec 08 j 00:36	0° $\mathcal{A}$ 37'03			-3319 Nov 12 j 17:17	0° $\mathcal{M}$	
asc. node	-3320 Dec 23 j 02:56	25° $\mathcal{A}$ 14'13		evening rise	-3319 Nov 19 j 23:43	12° $\mathcal{M}$ 09'04	
evening max el	-3320 Dec 25 j 01:15	27° $\mathcal{A}$ 23'13	18°08'01		-3319 Nov 30 j 16:40	0° $\mathcal{A}$	
	-3320 Dec 28 j 10:48	0° $\mathcal{B}$		evening max el	-3319 Dec 08 j 13:56	10° $\mathcal{A}$ 41'47	18°20'05
retrograde	-3320 Dec 31 j 16:16	0° $\mathcal{B}$ 50'52		asc. node	-3319 Dec 10 j 00:01	12° $\mathcal{A}$ 01'03	
evening set	-3319 Jan 03 j 09:41	0° $\mathcal{B}$ 15'19		retrograde	-3319 Dec 15 j 03:09	14° $\mathcal{A}$ 15'53	
	-3319 Jan 03 j 22:50	30° $\mathcal{R}$ $\mathcal{A}$		evening set	-3319 Dec 18 j 00:37	13° $\mathcal{A}$ 31'08	
inferior conj	-3319 Jan 09 j 21:39	25° $\mathcal{A}$ 08'32	3°58'58	inferior conj	-3319 Dec 24 j 02:58	8° $\mathcal{A}$ 04'58	3°41'07
minimum elong	-3319 Jan 09 j 20:30	25° $\mathcal{A}$ 11'26	3°58'47	minimum elong	-3319 Dec 24 j 00:23	8° $\mathcal{A}$ 12'14	3°40'36
min. Earth dist.	-3319 Jan 12 j 18:57	22° $\mathcal{A}$ 15'31	0.61998 AU	min. Earth dist.	-3319 Dec 26 j 09:59	5° $\mathcal{A}$ 31'15	0.63764 AU
morning rise	-3319 Jan 16 j 06:14	19° $\mathcal{A}$ 18'00		morning rise	-3319 Dec 29 j 23:33	2° $\mathcal{A}$ 04'37	
direct	-3319 Jan 23 j 06:57	16° $\mathcal{A}$ 45'51			-3318 Jan 02 j 08:31	30° $\mathcal{R}$ $\mathcal{M}$	
desc. node	-3319 Feb 03 j 03:18	21° $\mathcal{A}$ 39'54		direct	-3318 Jan 05 j 23:29	29° $\mathcal{M}$ 15'30	
morning max el	-3319 Feb 06 j 07:02	24° $\mathcal{A}$ 31'18	27°42'30		-3318 Jan 09 j 19:37	0° $\mathcal{A}$	
	-3319 Feb 11 j 07:31	0° $\mathcal{B}$		morning max el	-3318 Jan 19 j 14:54	7° $\mathcal{A}$ 00'37	27°33'23
	-3319 Mar 03 j 04:24	0° $\approx$		desc. node	-3318 Jan 21 j 00:22	8° $\mathcal{A}$ 26'03	
morning set	-3319 Mar 11 j 10:41	15° $\approx$ 52'58			-3318 Feb 06 j 08:01	0° $\mathcal{B}$	
max. Earth dist.	-3319 Mar 17 j 07:28	28° $\approx$ 13'26	1.32777 AU	morning set	-3318 Feb 23 j 08:15	0° $\approx$ 03'07	
	-3319 Mar 18 j 03:12	0° $\mathcal{H}$			-3318 Feb 23 j 07:38	0° $\approx$	
				max. Earth dist.	-3318 Feb 28 j 11:45	10° $\approx$ 34'10	1.33407 AU
superior conj	-3319 Mar 18 j 19:31	1° $\mathcal{H}$ 28'28	-0°23'46				
minimum elong	-3319 Mar 18 j 20:35	1° $\mathcal{H}$ 34'20	0°23'36	superior conj	-3318 Mar 03 j 02:57	16° $\approx$ 08'44	-0°48'50
asc. node	-3319 Mar 21 j 02:22	6° $\mathcal{H}$ 26'48		minimum elong	-3318 Mar 03 j 05:07	16° $\approx$ 20'17	0°48'30
evening rise	-3319 Mar 25 j 19:29	16° $\mathcal{H}$ 34'56		asc. node	-3318 Mar 07 j 23:22	26° $\approx$ 32'59	
	-3319 Apr 01 j 12:24	0° $\mathcal{Y}$			-3318 Mar 09 j 14:19	0° $\mathcal{H}$	
evening max el	-3319 Apr 19 j 23:35	26° $\mathcal{Y}$ 30'10	24°25'37	evening rise	-3318 Mar 10 j 06:58	1° $\mathcal{H}$ 27'43	
	-3319 Apr 24 j 04:19	0° $\mathcal{B}$			-3318 Mar 26 j 10:09	0° $\mathcal{Y}$	
desc. node	-3319 May 02 j 02:11	3° $\mathcal{B}$ 23'56		evening max el	-3318 Apr 01 j 15:55	7° $\mathcal{Y}$ 11'51	22°51'28
retrograde	-3319 May 03 j 21:45	3° $\mathcal{B}$ 31'33		retrograde	-3318 Apr 14 j 21:43	13° $\mathcal{Y}$ 42'27	
evening set	-3319 May 08 j 10:56	2° $\mathcal{B}$ 44'56		evening set	-3318 Apr 18 j 03:46	13° $\mathcal{Y}$ 19'19	
	-3319 May 14 j 01:09	30° $\mathcal{R}$ $\mathcal{Y}$		desc. node	-3318 Apr 18 j 23:18	13° $\mathcal{Y}$ 06'38	
min. Earth dist.	-3319 May 14 j 11:26	29° $\mathcal{Y}$ 44'10	0.56811 AU	min. Earth dist.	-3318 Apr 26 j 01:44	9° $\mathcal{Y}$ 50'03	0.55552 AU
inferior conj	-3319 May 17 j 04:26	28° $\mathcal{Y}$ 00'25	-3°37'09	inferior conj	-3318 Apr 27 j 10:58	9° $\mathcal{Y}$ 02'03	-2°16'05
minimum elong	-3319 May 16 j 22:52	28° $\mathcal{Y}$ 09'23	3°35'58	minimum elong	-3318 Apr 27 j 05:25	9° $\mathcal{Y}$ 10'06	2°14'23
morning rise	-3319 May 25 j 13:55	23° $\mathcal{Y}$ 55'12		morning rise	-3318 May 06 j 09:15	5° $\mathcal{Y}$ 05'16	
direct	-3319 May 28 j 01:51	23° $\mathcal{Y}$ 38'09		direct	-3318 May 08 j 23:09	4° $\mathcal{Y}$ 49'32	
morning max el	-3319 Jun 06 j 11:57	28° $\mathcal{Y}$ 00'33	19°30'08	morning max el	-3318 May 20 j 00:46	9° $\mathcal{Y}$ 59'14	20°41'55
	-3319 Jun 08 j 10:39	0° $\mathcal{B}$			-3318 Jun 02 j 21:32	0° $\mathcal{B}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3318 Jun 03 j 22:57	2°♄00'54		morning set	-3317 May 23 j 12:01	25°♄07'52	
morning set	-3318 Jun 08 j 02:11	10°♄15'25			-3317 May 25 j 19:43	0°♄	
superior conj	-3318 Jun 15 j 16:51	25°♄57'29	1°36'27	superior conj	-3317 May 30 j 18:37	10°♄29'20	1°21'13
minimum elong	-3318 Jun 15 j 14:28	25°♄45'21	1°36'19	minimum elong	-3317 May 30 j 15:58	10°♄15'21	1°20'56
	-3318 Jun 17 j 16:44	0°♄		max. Earth dist.	-3317 Jun 02 j 23:04	17°♄06'56	1.34526 AU
max. Earth dist.	-3318 Jun 20 j 05:59	5°♄03'52	1.35908 AU	evening rise	-3317 Jun 07 j 18:22	26°♄43'31	
evening rise	-3318 Jun 24 j 10:49	13°♄05'58			-3317 Jun 09 j 11:16	0°♄	
	-3318 Jul 04 j 01:35	0°♄			-3317 Jun 27 j 09:13	0°♄	
desc. node	-3318 Jul 15 j 22:20	18°♄07'24		desc. node	-3317 Jul 02 j 19:24	7°♄29'43	
	-3318 Jul 25 j 03:38	0°♄		evening max el	-3317 Jul 12 j 14:32	18°♄45'35	27°05'09
evening max el	-3318 Jul 30 j 02:55	5°♄19'37	26°18'53	retrograde	-3317 Jul 25 j 21:01	26°♄06'23	
retrograde	-3318 Aug 11 j 19:40	12°♄31'48		evening set	-3317 Aug 01 j 19:13	23°♄18'43	
evening set	-3318 Aug 18 j 06:30	9°♄48'44		min. Earth dist.	-3317 Aug 05 j 14:55	19°♄32'35	0.65134 AU
min. Earth dist.	-3318 Aug 22 j 09:20	5°♄24'38	0.66236 AU	inferior conj	-3317 Aug 07 j 15:14	17°♄14'47	-3°04'15
inferior conj	-3318 Aug 23 j 20:24	3°♄36'20	-2°16'44	minimum elong	-3317 Aug 07 j 19:04	17°♄03'49	3°03'00
minimum elong	-3318 Aug 23 j 23:31	3°♄26'41	2°15'30	morning rise	-3317 Aug 13 j 19:24	11°♄39'13	
	-3318 Aug 26 j 23:18	30°♄		direct	-3317 Aug 16 j 15:32	10°♄55'31	
morning rise	-3318 Aug 29 j 16:45	27°♄46'30		asc. node	-3317 Aug 17 j 19:16	11°♄02'44	
asc. node	-3318 Aug 30 j 22:10	27°♄11'30		morning max el	-3317 Aug 23 j 04:45	14°♄29'00	18°16'03
direct	-3318 Sep 01 j 19:25	26°♄51'09			-3317 Sep 03 j 05:26	0°♄	
	-3318 Sep 07 j 22:46	0°♄		morning set	-3317 Sep 10 j 22:27	12°♄42'22	
morning max el	-3318 Sep 08 j 15:48	0°♄41'49	18°51'37		-3317 Sep 21 j 12:43	0°♄	
	-3318 Sep 28 j 18:09	0°♄		superior conj	-3317 Sep 25 j 08:56	6°♄08'40	0°21'43
morning set	-3318 Sep 30 j 02:53	2°♄10'00		minimum elong	-3317 Sep 25 j 11:38	6°♄19'21	0°21'25
desc. node	-3318 Oct 11 j 21:52	20°♄48'29		max. Earth dist.	-3317 Sep 28 j 10:16	10°♄59'16	1.44718 AU
max. Earth dist.	-3318 Oct 15 j 15:41	26°♄42'12	1.44821 AU	desc. node	-3317 Sep 28 j 18:51	11°♄33'11	
					-3317 Oct 10 j 13:25	0°♄	
superior conj	-3318 Oct 16 j 07:18	27°♄43'42	-0°27'47	evening rise	-3317 Oct 11 j 22:55	2°♄10'30	
minimum elong	-3318 Oct 16 j 03:41	27°♄29'26	0°27'17	greatest brilliancy	-3317 Oct 23 j 18:20	20°♄25'58	-0.7m
	-3318 Oct 17 j 17:52	0°♄			-3317 Oct 30 j 06:58	0°♄	
evening rise	-3318 Oct 31 j 23:30	22°♄40'27		evening max el	-3317 Nov 05 j 09:15	7°♄33'04	19°36'33
	-3318 Nov 05 j 12:28	0°♄		retrograde	-3317 Nov 12 j 16:55	11°♄48'04	
evening max el	-3318 Nov 22 j 01:24	24°♄06'34	18°50'05	asc. node	-3317 Nov 13 j 18:14	11°♄41'39	
asc. node	-3318 Nov 26 j 21:07	27°♄35'16		evening set	-3317 Nov 16 j 03:20	10°♄39'08	
retrograde	-3318 Nov 28 j 20:25	27°♄56'45		inferior conj	-3317 Nov 21 j 17:01	4°♄41'47	2°29'46
evening set	-3318 Dec 01 j 23:24	27°♄01'01		minimum elong	-3317 Nov 21 j 14:08	4°♄51'13	2°28'45
inferior conj	-3318 Dec 07 j 18:27	21°♄17'47	3°10'01	min. Earth dist.	-3317 Nov 22 j 19:38	3°♄15'09	0.66263 AU
minimum elong	-3318 Dec 07 j 15:21	21°♄27'15	3°09'09		-3317 Nov 25 j 12:13	30°♄	
min. Earth dist.	-3318 Dec 09 j 10:38	19°♄15'05	0.65196 AU	morning rise	-3317 Nov 27 j 00:42	28°♄29'33	
morning rise	-3318 Dec 13 j 06:58	15°♄10'24		direct	-3317 Dec 03 j 03:15	25°♄48'55	
direct	-3318 Dec 19 j 22:33	12°♄19'34			-3317 Dec 12 j 01:56	0°♄	
morning max el	-3317 Jan 02 j 00:25	19°♄55'13	26°52'04	morning max el	-3317 Dec 15 j 09:39	3°♄03'24	25°46'05
desc. node	-3317 Jan 07 j 21:25	26°♄27'14		desc. node	-3317 Dec 25 j 18:26	15°♄20'58	
	-3317 Jan 10 j 17:11	0°♄			-3316 Jan 04 j 23:16	0°♄	
	-3317 Jan 30 j 08:50	0°♄		morning set	-3316 Jan 20 j 15:54	26°♄21'38	
morning set	-3317 Feb 06 j 19:29	13°♄37'13			-3316 Jan 22 j 15:02	0°♄	
max. Earth dist.	-3317 Feb 11 j 06:00	22°♄20'32	1.34471 AU	max. Earth dist.	-3316 Jan 24 j 12:38	3°♄35'51	1.35979 AU
	-3317 Feb 14 j 23:45	0°♄					
superior conj	-3317 Feb 15 j 05:17	0°♄28'47	-1°12'26	superior conj	-3316 Jan 29 j 23:54	14°♄20'17	-1°33'02
minimum elong	-3317 Feb 15 j 08:16	0°♄44'19	1°12'04	minimum elong	-3316 Jan 30 j 03:09	14°♄36'39	1°32'47
evening rise	-3317 Feb 22 j 16:42	16°♄09'40		evening rise	-3316 Feb 06 j 22:42	0°♄34'06	
asc. node	-3317 Feb 22 j 20:24	16°♄28'50			-3316 Feb 06 j 16:00	0°♄	
	-3317 Mar 01 j 17:35	0°♄		asc. node	-3316 Feb 09 j 17:26	6°♄09'10	
evening max el	-3317 Mar 14 j 14:12	18°♄07'19	21°21'13	evening max el	-3316 Feb 24 j 22:21	29°♄34'16	20°04'37
retrograde	-3317 Mar 26 j 11:56	23°♄50'34			-3316 Feb 25 j 09:24	0°♄	
evening set	-3317 Mar 28 j 23:20	23°♄36'35		retrograde	-3316 Mar 06 j 03:53	4°♄26'14	
desc. node	-3317 Apr 05 j 20:25	20°♄24'39		evening set	-3316 Mar 08 j 10:22	4°♄12'54	
inferior conj	-3317 Apr 07 j 06:40	19°♄36'45	-0°23'54	inferior conj	-3316 Mar 17 j 05:22	0°♄12'53	1°29'40
minimum elong	-3317 Apr 07 j 05:32	19°♄38'20	0°23'32	minimum elong	-3316 Mar 17 j 09:03	0°♄07'19	1°28'26
min. Earth dist.	-3317 Apr 07 j 15:33	19°♄24'14	0.55139 AU		-3316 Mar 17 j 13:52	30°♄	
morning rise	-3317 Apr 16 j 11:46	15°♄32'32		min. Earth dist.	-3316 Mar 19 j 05:36	29°♄00'09	0.55654 AU
direct	-3317 Apr 19 j 11:22	15°♄13'04		desc. node	-3316 Mar 22 j 17:29	27°♄05'32	
morning max el	-3317 May 02 j 02:37	21°♄15'34	22°10'54	morning rise	-3316 Mar 26 j 05:45	25°♄44'23	
	-3317 May 09 j 11:59	0°♄		direct	-3316 Mar 30 j 02:38	25°♄11'30	
asc. node	-3317 May 21 j 19:57	21°♄41'45			-3316 Apr 10 j 13:55	0°♄	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3316 Apr 12 j 20:18	1° $\text{X}$ 59'57	23°49'45			-3315 Apr 07 j 23:36	0° $\text{X}$	
	-3316 May 01 j 23:20	0° $\text{Y}$		morning set		-3315 Apr 21 j 11:58	25° $\text{X}$ 10'47	
morning set	-3316 May 06 j 23:52	10° $\text{Y}$ 08'44				-3315 Apr 23 j 18:22	0° $\text{Y}$	
asc. node	-3316 May 07 j 16:58	11° $\text{Y}$ 38'40		asc. node		-3315 Apr 24 j 13:57	1° $\text{Y}$ 45'33	
superior conj	-3316 May 14 j 01:45	25° $\text{Y}$ 18'49	1°02'03	superior conj		-3315 Apr 28 j 12:03	10° $\text{Y}$ 17'30	0°40'00
minimum elong	-3316 May 13 j 23:23	25° $\text{Y}$ 06'04	1°01'41	minimum elong		-3315 Apr 28 j 10:22	10° $\text{Y}$ 08'23	0°39'41
max. Earth dist.	-3316 May 16 j 01:39	29° $\text{Y}$ 34'59	1.33511 AU	max. Earth dist.		-3315 Apr 29 j 11:06	12° $\text{Y}$ 22'54	1.32856 AU
	-3316 May 16 j 06:22	0° $\text{Z}$		evening rise		-3315 May 05 j 15:46	25° $\text{Y}$ 32'33	
evening rise	-3316 May 21 j 13:12	10° $\text{Z}$ 56'23				-3315 May 07 j 20:34	0° $\text{Z}$	
	-3316 May 31 j 18:28	0° $\text{II}$				-3315 May 25 j 08:11	0° $\text{II}$	
desc. node	-3316 Jun 18 j 16:27	26° $\text{II}$ 08'12		desc. node		-3315 Jun 05 j 13:30	13° $\text{II}$ 43'26	
	-3316 Jun 22 j 03:52	0° $\text{III}$		evening max el		-3315 Jun 06 j 08:10	14° $\text{II}$ 28'53	27°13'20
evening max el	-3316 Jun 24 j 01:04	1° $\text{III}$ 53'06	27°24'54	retrograde		-3315 Jun 20 j 05:58	21° $\text{II}$ 51'01	
retrograde	-3316 Jul 07 j 16:41	9° $\text{III}$ 16'13		evening set		-3315 Jun 27 j 06:56	19° $\text{II}$ 31'44	
evening set	-3316 Jul 14 j 20:40	6° $\text{III}$ 35'36		min. Earth dist.		-3315 Jun 30 j 21:44	16° $\text{II}$ 43'06	0.61831 AU
min. Earth dist.	-3316 Jul 18 j 11:18	3° $\text{III}$ 23'22	0.63653 AU	inferior conj		-3315 Jul 04 j 00:20	13° $\text{II}$ 52'40	-4°13'23
inferior conj	-3316 Jul 21 j 01:35	0° $\text{III}$ 42'49	-3°44'38	minimum elong		-3315 Jul 04 j 02:56	13° $\text{II}$ 46'40	4°13'00
minimum elong	-3316 Jul 21 j 05:25	0° $\text{III}$ 32'57	3°43'43	morning rise		-3315 Jul 11 j 00:26	8° $\text{II}$ 54'46	
	-3316 Jul 21 j 18:16	30° $\text{R}$ $\text{II}$		direct		-3315 Jul 13 j 13:45	8° $\text{II}$ 26'39	
morning rise	-3316 Jul 27 j 15:01	25° $\text{II}$ 24'47		morning max el		-3315 Jul 20 j 10:01	11° $\text{II}$ 52'27	17°58'16
direct	-3316 Jul 30 j 06:49	24° $\text{II}$ 49'58		asc. node		-3315 Jul 21 j 13:21	13° $\text{II}$ 03'43	
asc. node	-3316 Aug 03 j 16:19	26° $\text{II}$ 25'08				-3315 Aug 01 j 13:32	0° $\text{III}$	
morning max el	-3316 Aug 05 j 19:46	28° $\text{II}$ 14'58	17°57'59	morning set		-3315 Aug 05 j 13:06	7° $\text{III}$ 11'54	
	-3316 Aug 07 j 10:23	0° $\text{III}$						
morning set	-3316 Aug 22 j 19:42	24° $\text{III}$ 28'19		superior conj		-3315 Aug 16 j 06:13	26° $\text{III}$ 19'00	1°31'41
	-3316 Aug 26 j 00:26	0° $\text{IV}$		minimum elong		-3315 Aug 16 j 10:46	26° $\text{III}$ 38'42	1°31'25
						-3315 Aug 18 j 09:41	0° $\text{IV}$	
superior conj	-3316 Sep 04 j 05:51	15° $\text{IV}$ 33'05	1°03'36	max. Earth dist.		-3315 Aug 23 j 14:01	8° $\text{IV}$ 40'30	1.42495 AU
minimum elong	-3316 Sep 04 j 11:29	15° $\text{IV}$ 56'18	1°03'02	evening rise		-3315 Aug 30 j 13:05	19° $\text{IV}$ 52'53	
max. Earth dist.	-3316 Sep 10 j 02:44	25° $\text{IV}$ 05'09	1.43905 AU	desc. node		-3315 Sep 01 j 12:51	23° $\text{IV}$ 00'05	
	-3316 Sep 13 j 04:49	0° $\text{V}$				-3315 Sep 06 j 01:54	0° $\text{V}$	
desc. node	-3316 Sep 14 j 15:52	2° $\text{V}$ 18'16				-3315 Sep 27 j 09:11	0° $\text{VI}$	
evening rise	-3316 Sep 20 j 05:33	10° $\text{V}$ 59'21		evening max el		-3315 Oct 01 j 07:57	4° $\text{VI}$ 25'29	21°50'07
	-3316 Oct 02 j 18:30	0° $\text{VI}$		retrograde		-3315 Oct 10 j 10:31	9° $\text{VI}$ 50'15	
evening max el	-3316 Oct 18 j 11:40	20° $\text{VI}$ 59'29	20°37'32	evening set		-3315 Oct 14 j 18:10	8° $\text{VI}$ 08'03	
retrograde	-3316 Oct 26 j 14:16	25° $\text{VI}$ 46'48		asc. node		-3315 Oct 17 j 12:22	5° $\text{VI}$ 18'05	
evening set	-3316 Oct 30 j 10:14	24° $\text{VI}$ 22'19		inferior conj		-3315 Oct 20 j 02:12	1° $\text{VI}$ 52'50	0°52'37
asc. node	-3316 Oct 30 j 15:18	24° $\text{VI}$ 12'41		minimum elong		-3315 Oct 20 j 01:01	1° $\text{VI}$ 56'58	0°52'06
inferior conj	-3316 Nov 04 j 20:18	18° $\text{VI}$ 14'13	1°43'16	min. Earth dist.		-3315 Oct 20 j 06:07	1° $\text{VI}$ 39'21	0.67367 AU
minimum elong	-3316 Nov 04 j 18:05	18° $\text{VI}$ 21'42	1°42'22			-3315 Oct 21 j 11:11	30° $\text{R}$ $\text{VI}$	
min. Earth dist.	-3316 Nov 05 j 10:56	17° $\text{VI}$ 24'32	0.66978 AU	morning rise		-3315 Oct 25 j 07:42	25° $\text{VI}$ 38'08	
morning rise	-3316 Nov 10 j 01:46	11° $\text{VI}$ 59'25		direct		-3315 Oct 30 j 04:03	23° $\text{VI}$ 36'15	
direct	-3316 Nov 15 j 13:17	9° $\text{VI}$ 36'26		morning max el		-3315 Nov 09 j 04:24	29° $\text{VI}$ 34'40	22°58'05
morning max el	-3316 Nov 26 j 18:22	16° $\text{VI}$ 17'26	24°24'48			-3315 Nov 09 j 14:18	0° $\text{VII}$	
	-3316 Dec 08 j 03:04	0° $\text{VII}$		desc. node		-3315 Nov 28 j 12:29	24° $\text{VI}$ 50'20	
desc. node	-3316 Dec 11 j 15:27	4° $\text{VII}$ 52'12				-3315 Dec 01 j 23:14	0° $\text{VIII}$	
	-3316 Dec 27 j 22:53	0° $\text{VIII}$		morning set		-3315 Dec 13 j 13:11	18° $\text{VII}$ 20'23	
morning set	-3315 Jan 01 j 15:48	8° $\text{VIII}$ 00'49		max. Earth dist.		-3315 Dec 18 j 06:00	26° $\text{VII}$ 15'49	1.39941 AU
max. Earth dist.	-3315 Jan 05 j 10:19	14° $\text{VIII}$ 42'36	1.37865 AU			-3315 Dec 20 j 09:43	0° $\text{IX}$	
superior conj	-3315 Jan 12 j 07:23	27° $\text{IX}$ 33'46	-1°48'30	superior conj		-3315 Dec 25 j 23:24	9° $\text{IX}$ 58'23	-1°55'54
minimum elong	-3315 Jan 12 j 09:58	27° $\text{IX}$ 46'09	1°48'26	minimum elong		-3315 Dec 25 j 23:53	10° $\text{IX}$ 00'35	1°56'00
	-3315 Jan 13 j 13:37	0° $\text{X}$		evening rise		-3314 Jan 04 j 13:59	28° $\text{IX}$ 04'15	
evening rise	-3315 Jan 20 j 22:42	14° $\text{X}$ 34'25				-3314 Jan 05 j 14:16	0° $\text{X}$	
asc. node	-3315 Jan 26 j 14:27	25° $\text{X}$ 27'45		asc. node		-3314 Jan 13 j 11:29	14° $\text{X}$ 17'41	
	-3315 Jan 29 j 03:53	0° $\text{XI}$		evening max el		-3314 Jan 20 j 20:20	24° $\text{X}$ 12'01	18°28'04
evening max el	-3315 Feb 06 j 16:58	11° $\text{XI}$ 37'06	19°06'22	retrograde		-3314 Jan 28 j 08:42	27° $\text{X}$ 53'09	
retrograde	-3315 Feb 15 j 09:08	15° $\text{XI}$ 46'16		evening set		-3314 Jan 30 j 21:00	27° $\text{X}$ 29'45	
evening set	-3315 Feb 17 j 17:46	15° $\text{XI}$ 29'09		inferior conj		-3314 Feb 07 j 05:47	22° $\text{X}$ 56'53	3°44'38
inferior conj	-3315 Feb 25 j 19:21	11° $\text{XI}$ 15'58	2°55'51	minimum elong		-3314 Feb 07 j 08:38	22° $\text{X}$ 51'09	3°44'10
minimum elong	-3315 Feb 26 j 00:11	11° $\text{XI}$ 07'36	2°54'37	min. Earth dist.		-3314 Feb 10 j 15:27	20° $\text{X}$ 13'39	0.58844 AU
min. Earth dist.	-3315 Feb 28 j 20:56	9° $\text{XI}$ 09'26	0.56984 AU	morning rise		-3314 Feb 14 j 17:59	17° $\text{X}$ 31'47	
morning rise	-3315 Mar 06 j 03:51	6° $\text{XI}$ 16'21		direct		-3314 Feb 20 j 22:38	15° $\text{X}$ 52'37	
desc. node	-3315 Mar 09 j 14:34	5° $\text{XI}$ 22'02		desc. node		-3314 Feb 24 j 11:39	16° $\text{X}$ 24'11	
direct	-3315 Mar 11 j 05:53	5° $\text{XI}$ 15'38		morning max el		-3314 Mar 07 j 05:12	23° $\text{X}$ 27'44	26°43'39
morning max el	-3315 Mar 25 j 11:17	12° $\text{XI}$ 34'52	25°25'45			-3314 Mar 13 j 02:33	0° $\text{XII}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3314 Mar 31 j 21:57	0° $\text{H}$	direct	-3313 Feb 03 j 02:05	27° $\text{X}$ 14'01	
morning set	-3314 Apr 05 j 22:38	10° $\text{H}$ 07'48	desc. node	-3313 Feb 11 j 08:44	0° $\text{Z}$ 06'56	
asc. node	-3314 Apr 11 j 10:58	21° $\text{H}$ 57'51		-3313 Feb 11 j 04:28	0° $\text{Z}$	
			morning max el	-3313 Feb 17 j 05:01	4° $\text{Z}$ 56'18	27°31'17
superior conj	-3314 Apr 12 j 23:43	25° $\text{H}$ 19'02	0°16'01	-3313 Mar 07 j 21:24	0° $\approx$	
minimum elong	-3314 Apr 12 j 23:01	25° $\text{H}$ 15'10	0°15'51	morning set	-3313 Mar 21 j 06:02	24° $\approx$ 52'41
max. Earth dist.	-3314 Apr 12 j 23:59	25° $\text{H}$ 20'27	1.32553 AU	-3313 Mar 23 j 16:48	0° $\text{H}$	
	-3314 Apr 15 j 03:06	0° $\text{Y}$		max. Earth dist.	-3313 Mar 27 j 12:42	8° $\text{H}$ 14'41 1.32594 AU
evening rise	-3314 Apr 19 j 23:28	10° $\text{Y}$ 23'03				
	-3314 Apr 30 j 03:55	0° $\text{B}$		superior conj	-3313 Mar 28 j 11:06	10° $\text{H}$ 16'48 -0°09'08
evening max el	-3314 May 19 j 09:48	26° $\text{B}$ 24'17	26°29'05	minimum elong	-3313 Mar 28 j 11:31	10° $\text{H}$ 19'04 0°09'05
desc. node	-3314 May 23 j 10:32	29° $\text{B}$ 49'05		behind sun begin	-3313 Mar 28 j 07:21	9° $\text{H}$ 56'21
	-3314 May 23 j 16:34	0° $\text{II}$		behind sun end	-3313 Mar 28 j 15:40	10° $\text{H}$ 41'47
retrograde	-3314 Jun 02 j 11:27	3° $\text{II}$ 42'41		asc. node	-3313 Mar 29 j 07:59	12° $\text{H}$ 10'53
evening set	-3314 Jun 08 j 21:46	1° $\text{II}$ 57'41		evening rise	-3313 Apr 04 j 10:06	25° $\text{H}$ 19'46
	-3314 Jun 11 j 23:54	30° $\text{R}$ 8		-3313 Apr 06 j 16:08	0° $\text{Y}$	
min. Earth dist.	-3314 Jun 12 j 23:05	29° $\text{B}$ 16'51	0.59803 AU	-3313 Apr 24 j 11:21	0° $\text{B}$	
inferior conj	-3314 Jun 16 j 07:55	26° $\text{B}$ 35'49	-4°23'29	evening max el	-3313 May 01 j 05:18	7° $\text{B}$ 38'16 25°16'23
minimum elong	-3314 Jun 16 j 07:47	26° $\text{B}$ 36'05	4°23'23	desc. node	-3313 May 10 j 07:36	13° $\text{B}$ 50'45
morning rise	-3314 Jun 23 j 20:01	21° $\text{B}$ 59'30		retrograde	-3313 May 15 j 06:40	14° $\text{B}$ 48'05
direct	-3314 Jun 26 j 08:20	21° $\text{B}$ 36'28		evening set	-3313 May 20 j 14:38	13° $\text{B}$ 41'56
morning max el	-3314 Jul 03 j 20:37	25° $\text{B}$ 13'48	18°17'54	min. Earth dist.	-3313 May 25 j 17:31	10° $\text{B}$ 52'32 0.57811 AU
	-3314 Jul 07 j 22:04	0° $\text{II}$		inferior conj	-3313 May 28 j 20:54	8° $\text{B}$ 42'42 -4°04'59
asc. node	-3314 Jul 08 j 10:25	0° $\text{II}$ 43'16		minimum elong	-3313 May 28 j 17:02	8° $\text{B}$ 49'25 4°04'24
morning set	-3314 Jul 19 j 21:29	20° $\text{II}$ 40'06		morning rise	-3313 Jun 05 j 22:17	4° $\text{B}$ 27'14
	-3314 Jul 24 j 19:48	0° $\text{E}$		direct	-3313 Jun 08 j 10:24	4° $\text{B}$ 08'12
				morning max el	-3313 Jun 17 j 00:41	8° $\text{B}$ 09'54 18°57'53
superior conj	-3314 Jul 29 j 07:49	8° $\text{E}$ 20'16	1°45'55	asc. node	-3313 Jun 25 j 07:29	19° $\text{B}$ 10'01
minimum elong	-3314 Jul 29 j 09:46	8° $\text{E}$ 29'14	1°45'56	-3313 Jul 01 j 06:43	0° $\text{II}$	
max. Earth dist.	-3314 Aug 05 j 19:37	21° $\text{E}$ 34'46	1.40690 AU	morning set	-3313 Jul 03 j 16:44	4° $\text{II}$ 42'27
evening rise	-3314 Aug 10 j 15:34	29° $\text{E}$ 40'46				
	-3314 Aug 10 j 20:15	0° $\Omega$		superior conj	-3313 Jul 12 j 05:05	21° $\text{II}$ 21'59 1°48'44
desc. node	-3314 Aug 19 j 09:49	13° $\Omega$ 34'54		minimum elong	-3313 Jul 12 j 04:43	21° $\text{II}$ 20'12 1°48'50
	-3314 Aug 30 j 14:14	0° $\text{P}$		-3313 Jul 16 j 19:30	0° $\text{E}$	
evening max el	-3314 Sep 13 j 22:55	17° $\text{P}$ 52'14	23°09'35	max. Earth dist.	-3313 Jul 18 j 22:04	3° $\text{E}$ 49'48 1.38728 AU
retrograde	-3314 Sep 24 j 04:04	23° $\text{P}$ 55'09		evening rise	-3313 Jul 22 j 20:05	10° $\text{E}$ 44'09
evening set	-3314 Sep 29 j 01:22	21° $\text{P}$ 53'45		-3313 Aug 03 j 15:50	0° $\Omega$	
inferior conj	-3314 Oct 04 j 08:55	15° $\text{P}$ 35'01	-0°00'29	desc. node	-3313 Aug 06 j 06:48	3° $\Omega$ 58'39
minimum elong	-3314 Oct 04 j 08:56	15° $\text{P}$ 34'59	0°00'27	-3313 Aug 26 j 02:31	0° $\text{P}$	
transit middle	-3314 Oct 04 j 08:56	15° $\text{P}$ 34'59	0°00'27	evening max el	-3313 Aug 27 j 10:42	1° $\text{P}$ 22'14 24°29'39
transit begin	-3314 Oct 04 j 06:14	15° $\text{P}$ 44'17		retrograde	-3313 Sep 07 j 17:54	7° $\text{P}$ 59'00
transit end	-3314 Oct 04 j 11:38	15° $\text{P}$ 25'42		evening set	-3313 Sep 13 j 06:06	5° $\text{P}$ 38'33
min. Earth dist.	-3314 Oct 04 j 02:37	15° $\text{P}$ 56'44	0.67458 AU	min. Earth dist.	-3313 Sep 17 j 21:58	0° $\text{P}$ 15'57 0.67248 AU
asc. node	-3314 Oct 04 j 09:29	15° $\text{P}$ 33'05		-3313 Sep 18 j 02:44	30° $\text{R}$ 8	
morning rise	-3314 Oct 09 j 16:23	9° $\text{P}$ 23'24		inferior conj	-3313 Sep 18 j 14:45	29° $\Omega$ 19'42 -0°54'20
direct	-3314 Oct 13 j 22:36	7° $\text{P}$ 43'03		minimum elong	-3313 Sep 18 j 16:02	29° $\Omega$ 15'23 0°53'44
morning max el	-3314 Oct 22 j 18:55	12° $\text{P}$ 56'51	21°34'29	asc. node	-3313 Sep 21 j 06:36	25° $\Omega$ 55'40
	-3314 Nov 05 j 03:47	0° $\Delta$		morning rise	-3313 Sep 24 j 01:57	23° $\Omega$ 14'15
desc. node	-3314 Nov 15 j 09:28	15° $\Delta$ 06'48		direct	-3313 Sep 27 j 19:47	21° $\Omega$ 53'48
morning set	-3314 Nov 23 j 05:57	27° $\Delta$ 17'46		morning max el	-3313 Oct 05 j 16:31	26° $\Omega$ 28'19 20°20'22
	-3314 Nov 24 j 22:44	0° $\text{M}$		-3313 Oct 08 j 19:49	0° $\text{P}$	
max. Earth dist.	-3314 Nov 30 j 06:57	8° $\text{M}$ 40'39	1.41928 AU	-3313 Oct 29 j 15:12	0° $\Delta$	
				morning set	-3313 Nov 02 j 04:51	5° $\Delta$ 30'09
superior conj	-3314 Dec 07 j 18:21	21° $\text{M}$ 19'23	-1°51'34	desc. node	-3313 Nov 02 j 06:27	5° $\Delta$ 36'23
minimum elong	-3314 Dec 07 j 15:16	21° $\text{M}$ 05'59	1°51'32	max. Earth dist.	-3313 Nov 12 j 15:58	21° $\Delta$ 59'22 1.43538 AU
	-3314 Dec 12 j 16:31	0° $\text{X}$		-3313 Nov 17 j 14:23	0° $\text{M}$	
evening rise	-3314 Dec 18 j 17:02	10° $\text{X}$ 54'54				
	-3314 Dec 29 j 15:54	0° $\text{Z}$		superior conj	-3313 Nov 18 j 11:04	1° $\text{M}$ 25'05 -1°31'42
asc. node	-3314 Dec 31 j 08:33	2° $\text{Z}$ 29'08		minimum elong	-3313 Nov 18 j 04:25	0° $\text{M}$ 57'42 1°31'10
evening max el	-3313 Jan 04 j 05:36	7° $\text{Z}$ 09'42	18°09'43	evening rise	-3313 Dec 01 j 03:43	22° $\text{M}$ 58'34
retrograde	-3313 Jan 11 j 01:18	10° $\text{Z}$ 38'11		-3313 Dec 05 j 04:39	0° $\text{X}$	
evening set	-3313 Jan 13 j 16:58	10° $\text{Z}$ 07'11		asc. node	-3313 Dec 18 j 05:37	19° $\text{X}$ 50'46
inferior conj	-3313 Jan 20 j 11:39	5° $\text{Z}$ 12'32	4°00'52	evening max el	-3313 Dec 18 j 17:50	20° $\text{X}$ 22'30 18°10'50
minimum elong	-3313 Jan 20 j 11:47	5° $\text{Z}$ 12'13	4°00'46	retrograde	-3313 Dec 25 j 06:54	23° $\text{X}$ 51'23
min. Earth dist.	-3313 Jan 23 j 15:46	2° $\text{Z}$ 16'37	0.60879 AU	evening set	-3313 Dec 28 j 02:01	23° $\text{X}$ 11'56
	-3313 Jan 26 j 11:30	30° $\text{R}$ 8		inferior conj	-3312 Jan 03 j 09:33	17° $\text{X}$ 56'22 3°53'18
morning rise	-3313 Jan 27 j 05:12	29° $\text{X}$ 29'53		minimum elong	-3312 Jan 03 j 07:40	18° $\text{X}$ 01'21 3°53'00

## Planetary Phenomena of Mercury from -3400 through -2898 (UT), Astrodienst AG 18-Feb-2025 14:21, page 48

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3312 Jan 06 j 00:54	15°♂10'01	0.62793 AU	morning rise	-3312 Dec 22 j 12:19	24°♂56'54	
morning rise	-3312 Jan 09 j 12:32	12°♂01'24		direct	-3312 Dec 29 j 09:15	22°♂05'37	
direct	-3312 Jan 16 j 14:03	9°♂20'26		morning max el	-3311 Jan 11 j 19:52	29°♂48'07	27°19'26
desc. node	-3312 Jan 29 j 05:50	15°♂56'29			-3311 Jan 12 j 00:38	0°♂	
morning max el	-3312 Jan 30 j 10:43	17°♂05'37	27°42'55	desc. node	-3311 Jan 15 j 02:55	3°♂17'56	
	-3312 Feb 10 j 05:35	0°♂			-3311 Feb 03 j 03:27	0°♂	
	-3312 Feb 28 j 13:43	0°♂		morning set	-3311 Feb 16 j 01:40	23°♂14'43	
morning set	-3312 Mar 04 j 07:59	9°♂18'01			-3311 Feb 19 j 10:52	0°♂	
max. Earth dist.	-3312 Mar 09 j 21:23	20°♂52'08	1.33000 AU	max. Earth dist.	-3311 Feb 20 j 22:03	3°♂00'17	1.33804 AU
superior conj	-3312 Mar 11 j 20:29	25°♂05'05	-0°34'30	superior conj	-3311 Feb 24 j 02:03	9°♂37'41	-0°59'07
minimum elong	-3312 Mar 11 j 22:03	25°♂13'29	0°34'15	minimum elong	-3311 Feb 24 j 04:36	9°♂51'13	0°58'45
	-3312 Mar 14 j 03:00	0°♂		asc. node	-3311 Mar 02 j 02:01	22°♂23'16	
asc. node	-3312 Mar 15 j 05:00	2°♂20'44		evening rise	-3311 Mar 03 j 08:48	25°♂05'09	
evening rise	-3312 Mar 18 j 21:48	10°♂15'54			-3311 Mar 05 j 18:00	0°♂	
	-3312 Mar 29 j 03:51	0°♂		evening max el	-3311 Mar 24 j 14:59	29°♂07'38	22°11'51
evening max el	-3312 Apr 11 j 21:00	18°♂23'34	23°45'51		-3311 Mar 25 j 13:40	0°♂	
retrograde	-3312 Apr 25 j 13:37	25°♂13'51		retrograde	-3311 Apr 06 j 09:00	5°♂20'25	
desc. node	-3312 Apr 26 j 04:43	25°♂12'57		evening set	-3311 Apr 09 j 05:12	5°♂02'32	
evening set	-3312 Apr 29 j 13:01	24°♂38'58		desc. node	-3311 Apr 13 j 01:49	3°♂46'57	
min. Earth dist.	-3312 May 06 j 08:11	21°♂27'46	0.56185 AU	min. Earth dist.	-3311 Apr 17 j 22:05	1°♂16'56	0.55256 AU
inferior conj	-3312 May 08 j 13:41	20°♂06'41	-3°07'42	inferior conj	-3311 Apr 18 j 14:12	0°♂54'09	-1°30'53
minimum elong	-3312 May 08 j 07:31	20°♂16'04	3°06'08	minimum elong	-3311 Apr 18 j 10:07	0°♂59'55	1°29'32
morning rise	-3312 May 17 j 04:57	16°♂06'55			-3311 Apr 20 j 04:52	30°♂	
direct	-3312 May 19 j 17:28	15°♂50'42		morning rise	-3311 Apr 27 j 16:33	26°♂56'48	
morning max el	-3312 May 29 j 19:33	20°♂31'18	19°58'27	direct	-3311 Apr 30 j 09:03	26°♂40'29	
	-3312 Jun 06 j 09:14	0°♂			-3311 May 09 j 12:01	0°♂	
asc. node	-3312 Jun 11 j 04:32	8°♂12'12		morning max el	-3311 May 12 j 03:45	2°♂12'23	21°18'06
morning set	-3312 Jun 16 j 19:32	19°♂09'35		asc. node	-3311 May 29 j 01:34	27°♂41'11	
	-3312 Jun 22 j 03:26	0°♂			-3311 May 30 j 05:22	0°♂	
				morning set	-3311 Jun 01 j 03:23	3°♂54'38	
superior conj	-3312 Jun 24 j 16:37	5°♂08'09	1°42'52	superior conj	-3311 Jun 08 j 14:09	19°♂26'33	1°30'33
minimum elong	-3312 Jun 24 j 14:43	4°♂58'44	1°42'52	minimum elong	-3311 Jun 08 j 11:35	19°♂13'14	1°30'22
max. Earth dist.	-3312 Jun 30 j 02:02	15°♂39'26	1.36856 AU	max. Earth dist.	-3311 Jun 12 j 13:04	27°♂29'56	1.35268 AU
evening rise	-3312 Jul 04 j 00:25	22°♂57'55			-3311 Jun 13 j 19:17	0°♂	
	-3312 Jul 07 j 23:29	0°♂		evening rise	-3311 Jun 16 j 23:31	6°♂09'09	
desc. node	-3312 Jul 23 j 03:49	24°♂05'03			-3311 Jun 30 j 16:44	0°♂	
	-3312 Jul 27 j 09:17	0°♂		desc. node	-3311 Jul 10 j 00:50	13°♂46'19	
evening max el	-3312 Aug 08 j 21:29	14°♂54'14	25°42'54	evening max el	-3311 Jul 22 j 08:40	28°♂24'11	26°41'17
retrograde	-3312 Aug 21 j 03:21	21°♂56'40			-3311 Jul 24 j 01:53	0°♂	
evening set	-3312 Aug 27 j 06:28	19°♂19'57		retrograde	-3311 Aug 04 j 08:01	5°♂41'47	
min. Earth dist.	-3312 Aug 31 j 13:47	14°♂34'16	0.66709 AU	evening set	-3311 Aug 11 j 00:13	2°♂55'13	
inferior conj	-3312 Sep 01 j 17:54	13°♂04'17	-1°47'19		-3311 Aug 13 j 22:39	30°♂	
minimum elong	-3312 Sep 01 j 20:24	12°♂56'15	1°46'15	min. Earth dist.	-3311 Aug 14 j 23:43	28°♂47'39	0.65814 AU
morning rise	-3312 Sep 07 j 10:29	7°♂08'04		inferior conj	-3311 Aug 16 j 16:24	26°♂45'53	-2°37'32
asc. node	-3312 Sep 07 j 03:43	7°♂19'18		minimum elong	-3311 Aug 16 j 19:53	26°♂35'26	2°36'15
direct	-3312 Sep 10 j 18:00	6°♂04'37		morning rise	-3311 Aug 22 j 15:55	21°♂01'58	
morning max el	-3312 Sep 17 j 21:25	10°♂08'36	19°19'37	asc. node	-3311 Aug 25 j 00:49	20°♂14'13	
	-3312 Oct 02 j 07:32	0°♂		direct	-3311 Aug 25 j 15:27	20°♂12'08	
morning set	-3312 Oct 11 j 08:51	14°♂04'35		morning max el	-3311 Sep 01 j 08:06	23°♂54'33	18°34'25
desc. node	-3312 Oct 19 j 03:26	26°♂14'29			-3311 Sep 06 j 07:02	0°♂	
	-3312 Oct 21 j 12:53	0°♂		morning set	-3311 Sep 21 j 12:17	23°♂49'41	
max. Earth dist.	-3312 Oct 25 j 06:56	5°♂54'55	1.44554 AU		-3311 Sep 25 j 08:19	0°♂	
				desc. node	-3311 Oct 06 j 00:24	16°♂57'39	
superior conj	-3312 Oct 28 j 01:15	10°♂17'47	-0°54'52	superior conj	-3311 Oct 07 j 01:07	18°♂35'06	-0°06'35
minimum elong	-3312 Oct 27 j 18:51	9°♂52'23	0°54'07	minimum elong	-3311 Oct 07 j 00:15	18°♂31'40	0°06'27
	-3312 Nov 09 j 05:44	0°♂		behind sun begin	-3311 Oct 06 j 13:43	17°♂50'09	
evening rise	-3312 Nov 11 j 17:23	4°♂06'00		behind sun end	-3311 Oct 07 j 10:47	19°♂13'11	
	-3312 Nov 28 j 02:26	0°♂		max. Earth dist.	-3311 Oct 08 j 00:40	20°♂07'53	1.44865 AU
evening max el	-3312 Dec 01 j 06:14	3°♂43'53	18°30'38		-3311 Oct 14 j 07:10	0°♂	
asc. node	-3312 Dec 04 j 02:42	6°♂08'33		evening rise	-3311 Oct 23 j 06:35	14°♂10'30	
retrograde	-3312 Dec 07 j 21:06	7°♂24'00		greatest brilliancy	-3311 Oct 31 j 23:32	27°♂57'10	-0.8m
evening set	-3312 Dec 10 j 20:40	6°♂34'48			-3311 Nov 02 j 06:57	0°♂	
inferior conj	-3312 Dec 16 j 19:38	1°♂00'43	3°29'16	evening max el	-3311 Nov 14 j 16:20	17°♂09'25	19°07'53
minimum elong	-3312 Dec 16 j 16:43	1°♂09'13	3°28'35	asc. node	-3311 Nov 20 j 23:47	21°♂06'56	
	-3312 Dec 17 j 16:21	30°♂					
min. Earth dist.	-3312 Dec 18 j 20:09	28°♂39'22	0.64416 AU				



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3311 Nov 21 j 16:07	21° $\mathbb{M}$ 09'33		evening set	-3310 Nov 09 j 03:21	3° $\mathbb{M}$ 49'28	
evening set	-3311 Nov 24 j 21:54	20° $\mathbb{M}$ 08'39			-3310 Nov 12 j 22:30	30° $\mathbb{R}$ $\underline{\mathbb{A}}$	
inferior conj	-3311 Nov 30 j 14:27	14° $\mathbb{M}$ 19'02	2°53'53	inferior conj	-3310 Nov 14 j 15:19	27° $\underline{\mathbb{A}}$ 47'22	2°10'42
minimum elong	-3311 Nov 30 j 11:22	14° $\mathbb{M}$ 28'45	2°52'55	minimum elong	-3310 Nov 14 j 12:40	27° $\underline{\mathbb{A}}$ 56'11	2°09'42
min. Earth dist.	-3311 Dec 02 j 00:44	12° $\mathbb{M}$ 31'05	0.65692 AU	min. Earth dist.	-3310 Nov 15 j 12:45	26° $\underline{\mathbb{A}}$ 36'11	0.66610 AU
morning rise	-3311 Dec 06 j 00:32	8° $\mathbb{M}$ 09'01		morning rise	-3310 Nov 19 j 21:46	21° $\underline{\mathbb{A}}$ 33'43	
direct	-3311 Dec 12 j 10:54	5° $\mathbb{M}$ 21'10		direct	-3310 Nov 25 j 18:11	18° $\underline{\mathbb{A}}$ 59'34	
morning max el	-3311 Dec 25 j 05:33	12° $\mathbb{M}$ 50'19	26°26'27	morning max el	-3310 Dec 07 j 14:18	26° $\underline{\mathbb{A}}$ 01'25	25°12'42
desc. node	-3310 Jan 01 j 23:57	21° $\mathbb{M}$ 43'47			-3310 Dec 11 j 06:30	0° $\mathbb{M}$	
	-3310 Jan 08 j 03:30	0° $\mathbb{A}$		desc. node	-3310 Dec 19 j 20:58	10° $\mathbb{M}$ 55'24	
	-3310 Jan 26 j 18:38	0° $\mathbb{Z}$			-3309 Jan 01 j 17:06	0° $\mathbb{A}$	
morning set	-3310 Jan 30 j 07:12	6° $\mathbb{Z}$ 29'39		morning set	-3309 Jan 12 j 19:40	18° $\mathbb{A}$ 48'35	
max. Earth dist.	-3310 Feb 03 j 11:13	14° $\mathbb{Z}$ 31'28	1.35054 AU	max. Earth dist.	-3309 Jan 16 j 13:00	25° $\mathbb{A}$ 37'34	1.36745 AU
					-3309 Jan 18 j 20:34	0° $\mathbb{Z}$	
superior conj	-3310 Feb 08 j 01:25	23° $\mathbb{Z}$ 46'26	-1°21'41				
minimum elong	-3310 Feb 08 j 04:36	24° $\mathbb{Z}$ 02'48	1°21'20	superior conj	-3309 Jan 22 j 15:47	7° $\mathbb{Z}$ 23'22	-1°40'23
	-3310 Feb 11 j 01:36	0° $\approx$		minimum elong	-3309 Jan 22 j 18:54	7° $\mathbb{Z}$ 38'44	1°40'12
evening rise	-3310 Feb 15 j 17:10	9° $\approx$ 40'04		evening rise	-3309 Jan 30 j 20:54	23° $\mathbb{Z}$ 54'57	
asc. node	-3310 Feb 16 j 23:01	12° $\approx$ 13'00			-3309 Feb 02 j 22:24	0° $\approx$	
	-3310 Feb 26 j 15:15	0° $\mathbb{H}$		asc. node	-3309 Feb 03 j 20:02	1° $\approx$ 44'44	
evening max el	-3310 Mar 06 j 17:10	10° $\mathbb{H}$ 15'05	20°46'38	evening max el	-3309 Feb 17 j 06:00	21° $\approx$ 57'49	19°37'26
retrograde	-3310 Mar 17 j 22:32	15° $\mathbb{H}$ 36'21		retrograde	-3309 Feb 26 j 18:29	26° $\approx$ 29'18	
evening set	-3310 Mar 20 j 06:09	15° $\mathbb{H}$ 23'33		evening set	-3309 Mar 01 j 01:35	26° $\approx$ 14'43	
inferior conj	-3310 Mar 29 j 09:24	11° $\mathbb{H}$ 25'50	0°26'06	inferior conj	-3309 Mar 09 j 13:26	22° $\approx$ 10'38	2°10'39
minimum elong	-3310 Mar 29 j 10:36	11° $\mathbb{H}$ 24'07	0°25'39	minimum elong	-3309 Mar 09 j 18:07	22° $\approx$ 03'11	2°09'12
min. Earth dist.	-3310 Mar 30 j 12:16	10° $\mathbb{H}$ 47'13	0.55241 AU	min. Earth dist.	-3309 Mar 12 j 02:47	20° $\approx$ 33'26	0.56143 AU
desc. node	-3310 Mar 30 j 22:56	10° $\mathbb{H}$ 32'02		desc. node	-3309 Mar 17 j 20:01	17° $\approx$ 39'07	
morning rise	-3310 Apr 07 j 14:01	7° $\mathbb{H}$ 12'31		morning rise	-3309 Mar 18 j 08:07	17° $\approx$ 28'52	
direct	-3310 Apr 10 j 21:02	6° $\mathbb{H}$ 48'54		direct	-3309 Mar 22 j 17:22	16° $\approx$ 45'37	
morning max el	-3310 Apr 24 j 01:44	13° $\mathbb{H}$ 13'21	22°52'22	morning max el	-3309 Apr 05 j 17:16	23° $\approx$ 49'14	24°31'42
	-3310 May 06 j 17:39	0° $\mathbb{Y}$			-3309 Apr 11 j 07:09	0° $\mathbb{H}$	
asc. node	-3310 May 15 j 22:33	17° $\mathbb{Y}$ 29'06			-3309 Apr 29 j 05:38	0° $\mathbb{Y}$	
morning set	-3310 May 16 j 14:15	18° $\mathbb{Y}$ 50'41		morning set	-3309 May 01 j 02:21	3° $\mathbb{Y}$ 52'02	
	-3310 May 21 j 20:15	0° $\mathbb{X}$		asc. node	-3309 May 02 j 19:33	7° $\mathbb{Y}$ 30'20	
superior conj	-3310 May 23 j 18:29	4° $\mathbb{X}$ 06'30	1°13'30	superior conj	-3309 May 08 j 03:10	19° $\mathbb{Y}$ 00'04	0°52'59
minimum elong	-3310 May 23 j 15:53	3° $\mathbb{X}$ 52'43	1°13'11	minimum elong	-3309 May 08 j 01:03	18° $\mathbb{Y}$ 48'36	0°52'37
max. Earth dist.	-3310 May 26 j 10:02	9° $\mathbb{X}$ 41'28	1.34045 AU	max. Earth dist.	-3309 May 09 j 15:54	22° $\mathbb{Y}$ 18'19	1.33194 AU
evening rise	-3310 May 31 j 12:19	20° $\mathbb{X}$ 02'50			-3309 May 13 j 07:00	0° $\mathbb{X}$	
	-3310 Jun 05 j 17:49	0° $\mathbb{I}$		evening rise	-3309 May 15 j 10:49	4° $\mathbb{X}$ 26'31	
	-3310 Jun 24 j 16:47	0° $\mathbb{G}$			-3309 May 29 j 10:45	0° $\mathbb{I}$	
desc. node	-3310 Jun 26 j 21:53	2° $\mathbb{G}$ 51'34		desc. node	-3309 Jun 13 j 18:56	21° $\mathbb{I}$ 05'26	
evening max el	-3310 Jul 04 j 20:00	11° $\mathbb{G}$ 43'19	27°17'13	evening max el	-3309 Jun 17 j 05:34	24° $\mathbb{I}$ 38'57	27°24'08
retrograde	-3310 Jul 18 j 07:15	19° $\mathbb{G}$ 06'24			-3309 Jun 24 j 04:11	0° $\mathbb{G}$	
evening set	-3310 Jul 25 j 08:35	16° $\mathbb{G}$ 20'09		retrograde	-3309 Jul 01 j 00:12	2° $\mathbb{G}$ 01'25	
min. Earth dist.	-3310 Jul 29 j 01:42	12° $\mathbb{G}$ 49'04	0.64542 AU		-3309 Jul 07 j 09:15	30° $\mathbb{R}$ $\mathbb{I}$	
inferior conj	-3310 Jul 31 j 07:57	10° $\mathbb{G}$ 20'21	-3°22'31	evening set	-3309 Jul 08 j 04:02	29° $\mathbb{I}$ 28'32	
minimum elong	-3310 Jul 31 j 11:54	10° $\mathbb{G}$ 09'30	3°21'23	min. Earth dist.	-3309 Jul 11 j 18:01	26° $\mathbb{I}$ 27'38	0.62908 AU
morning rise	-3310 Aug 06 j 15:52	4° $\mathbb{G}$ 51'46		inferior conj	-3309 Jul 14 j 13:46	23° $\mathbb{I}$ 41'15	-3°58'42
direct	-3310 Aug 09 j 09:47	4° $\mathbb{G}$ 12'17		minimum elong	-3309 Jul 14 j 17:15	23° $\mathbb{I}$ 32'40	3°57'59
asc. node	-3310 Aug 11 j 21:53	4° $\mathbb{G}$ 45'00		morning rise	-3309 Jul 21 j 07:32	18° $\mathbb{I}$ 31'10	
morning max el	-3310 Aug 15 j 22:12	7° $\mathbb{G}$ 41'31	18°06'09	direct	-3309 Jul 23 j 22:05	17° $\mathbb{I}$ 59'22	
	-3310 Aug 30 j 21:31	0° $\mathbb{Q}$		asc. node	-3309 Jul 29 j 18:56	20° $\mathbb{I}$ 40'58	
morning set	-3310 Sep 02 j 19:20	4° $\mathbb{Q}$ 54'45		morning max el	-3309 Jul 30 j 13:08	21° $\mathbb{I}$ 23'40	17°55'47
					-3309 Aug 06 j 02:10	0° $\mathbb{G}$	
superior conj	-3310 Sep 16 j 09:00	27° $\mathbb{Q}$ 20'04	0°40'57	morning set	-3309 Aug 16 j 01:51	17° $\mathbb{G}$ 06'47	
minimum elong	-3310 Sep 16 j 13:33	27° $\mathbb{Q}$ 38'20	0°40'26		-3309 Aug 23 j 10:26	0° $\mathbb{Q}$	
	-3310 Sep 18 j 00:50	0° $\mathbb{P}$					
max. Earth dist.	-3310 Sep 20 j 18:14	4° $\mathbb{P}$ 20'36	1.44449 AU	superior conj	-3309 Aug 27 j 17:15	7° $\mathbb{Q}$ 17'26	1°17'19
desc. node	-3310 Sep 22 j 21:22	7° $\mathbb{P}$ 42'52		minimum elong	-3309 Aug 27 j 22:47	7° $\mathbb{Q}$ 40'42	1°16'51
evening rise	-3310 Oct 02 j 21:13	23° $\mathbb{P}$ 18'39		max. Earth dist.	-3309 Sep 03 j 08:54	18° $\mathbb{Q}$ 15'35	1.43367 AU
	-3310 Oct 07 j 05:18	0° $\underline{\mathbb{A}}$		desc. node	-3309 Sep 09 j 18:20	28° $\mathbb{Q}$ 26'33	
greatest brilliancy	-3310 Oct 16 j 10:21	13° $\underline{\mathbb{A}}$ 58'59	-0.6m		-3309 Sep 10 j 18:13	0° $\mathbb{P}$	
	-3310 Oct 28 j 08:13	0° $\mathbb{L}$		evening rise	-3309 Sep 12 j 01:40	2° $\mathbb{P}$ 02'29	
evening max el	-3310 Oct 28 j 22:06	0° $\mathbb{L}$ 36'38	20°00'55		-3309 Sep 30 j 19:24	0° $\underline{\mathbb{A}}$	
retrograde	-3310 Nov 05 j 13:12	5° $\mathbb{L}$ 04'32		evening max el	-3309 Oct 11 j 22:03	14° $\underline{\mathbb{A}}$ 03'02	21°07'18
asc. node	-3310 Nov 07 j 20:52	4° $\mathbb{L}$ 33'22		retrograde	-3309 Oct 20 j 10:09	19° $\underline{\mathbb{A}}$ 05'17	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3309 Oct 24 j 10:54	17° $\Omega$ 33'28		evening set	-3308 Oct 07 j 18:45	1° $\Omega$ 19'07	
asc. node	-3309 Oct 25 j 17:57	16° $\Omega$ 25'00			-3308 Oct 09 j 04:25	30° $\mathbb{R}$ $\mathbb{M}$	
inferior conj	-3309 Oct 29 j 19:56	11° $\Omega$ 22'09	1°22'10	asc. node	-3308 Oct 11 j 15:04	27° $\mathbb{M}$ 02'34	
minimum elong	-3309 Oct 29 j 18:07	11° $\Omega$ 28'21	1°21'26	inferior conj	-3308 Oct 13 j 02:23	25° $\mathbb{M}$ 01'56	0°30'15
min. Earth dist.	-3309 Oct 30 j 05:54	10° $\Omega$ 48'00	0.67186 AU	minimum elong	-3308 Oct 13 j 01:41	25° $\mathbb{M}$ 04'22	0°29'59
morning rise	-3309 Nov 04 j 01:10	5° $\Omega$ 07'17		min. Earth dist.	-3308 Oct 13 j 01:50	25° $\mathbb{M}$ 03'51	0.67446 AU
direct	-3309 Nov 09 j 06:18	2° $\Omega$ 52'58		morning rise	-3308 Oct 18 j 08:31	18° $\mathbb{M}$ 48'27	
morning max el	-3309 Nov 19 j 23:02	9° $\Omega$ 15'48	23°48'02	direct	-3308 Oct 22 j 22:40	16° $\mathbb{M}$ 56'00	
	-3309 Dec 06 j 07:10	0° $\mathbb{M}$		morning max el	-3308 Nov 01 j 10:42	22° $\mathbb{M}$ 34'47	22°21'46
desc. node	-3309 Dec 06 j 17:59	0° $\mathbb{M}$ 38'57			-3308 Nov 07 j 20:17	0° $\Omega$	
morning set	-3309 Dec 25 j 08:53	29° $\mathbb{M}$ 54'47		desc. node	-3308 Nov 22 j 14:59	20° $\Omega$ 45'18	
	-3309 Dec 25 j 10:07	0° $\mathbb{X}$			-3308 Nov 28 j 16:19	0° $\mathbb{M}$	
max. Earth dist.	-3309 Dec 29 j 08:59	6° $\mathbb{X}$ 51'50	1.38750 AU	morning set	-3308 Dec 04 j 17:50	9° $\mathbb{M}$ 37'36	
				max. Earth dist.	-3308 Dec 10 j 06:50	18° $\mathbb{M}$ 47'18	1.40819 AU
					-3308 Dec 16 j 18:25	0° $\mathbb{X}$	
superior conj	-3308 Jan 05 j 17:20	20° $\mathbb{X}$ 17'41	-1°52'49	superior conj	-3308 Dec 18 j 01:05	2° $\mathbb{X}$ 16'34	-1°55'44
minimum elong	-3308 Jan 05 j 19:12	20° $\mathbb{X}$ 26'32	1°52'51	minimum elong	-3308 Dec 18 j 00:11	2° $\mathbb{X}$ 12'35	1°55'50
	-3308 Jan 10 j 18:42	0° $\mathbb{Z}$		evening rise	-3308 Dec 28 j 04:07	20° $\mathbb{X}$ 57'15	
evening rise	-3308 Jan 14 j 17:33	7° $\mathbb{Z}$ 43'02			-3307 Jan 02 j 01:10	0° $\mathbb{Z}$	
asc. node	-3308 Jan 21 j 17:04	20° $\mathbb{Z}$ 51'58		asc. node	-3307 Jan 07 j 14:08	9° $\mathbb{Z}$ 26'42	
	-3308 Jan 27 j 12:26	0° $\approx$		evening max el	-3307 Jan 13 j 10:50	17° $\mathbb{Z}$ 00'07	18°17'46
evening max el	-3308 Jan 31 j 04:39	4° $\approx$ 14'59	18°47'31	retrograde	-3307 Jan 20 j 14:54	20° $\mathbb{Z}$ 34'31	
retrograde	-3308 Feb 08 j 07:23	8° $\approx$ 10'07		evening set	-3307 Jan 23 j 04:35	20° $\mathbb{Z}$ 08'02	
evening set	-3308 Feb 10 j 17:45	7° $\approx$ 50'23		inferior conj	-3307 Jan 30 j 06:58	15° $\mathbb{Z}$ 25'38	3°54'59
inferior conj	-3308 Feb 18 j 11:53	3° $\approx$ 29'00	3°21'01	minimum elong	-3307 Jan 30 j 08:38	15° $\mathbb{Z}$ 22'03	3°54'46
minimum elong	-3308 Feb 18 j 16:06	3° $\approx$ 21'12	3°20'07	min. Earth dist.	-3307 Feb 02 j 15:23	12° $\mathbb{Z}$ 34'09	0.59705 AU
min. Earth dist.	-3308 Feb 21 j 18:50	1° $\approx$ 04'29	0.57740 AU	morning rise	-3307 Feb 06 j 10:47	9° $\mathbb{Z}$ 51'59	
	-3308 Feb 23 j 09:14	30° $\mathbb{R}$ $\mathbb{Z}$		direct	-3307 Feb 12 j 23:33	7° $\mathbb{Z}$ 56'39	
morning rise	-3308 Feb 26 j 11:55	28° $\mathbb{Z}$ 17'54		desc. node	-3307 Feb 18 j 14:13	9° $\mathbb{Z}$ 16'10	
direct	-3308 Mar 03 j 02:17	27° $\mathbb{Z}$ 01'38		morning max el	-3307 Feb 27 j 05:17	15° $\mathbb{Z}$ 35'30	27°08'14
desc. node	-3308 Mar 03 j 17:07	27° $\mathbb{Z}$ 02'34			-3307 Mar 10 j 23:05	0° $\approx$	
	-3308 Mar 11 j 20:59	0° $\approx$			-3307 Mar 28 j 03:38	0° $\mathbb{X}$	
morning max el	-3308 Mar 17 j 08:46	4° $\approx$ 28'03	26°01'58	morning set	-3307 Mar 29 j 23:39	3° $\mathbb{X}$ 45'58	
	-3308 Apr 04 j 20:16	0° $\mathbb{X}$		max. Earth dist.	-3307 Apr 05 j 16:57	18° $\mathbb{X}$ 11'41	1.32527 AU
morning set	-3308 Apr 14 j 14:06	18° $\mathbb{X}$ 52'54		asc. node	-3307 Apr 05 j 13:34	17° $\mathbb{X}$ 53'08	
asc. node	-3308 Apr 18 j 16:33	27° $\mathbb{X}$ 40'03					
	-3308 Apr 19 j 18:14	0° $\mathbb{Y}$		superior conj	-3307 Apr 06 j 02:01	19° $\mathbb{X}$ 01'21	0°05'28
superior conj	-3308 Apr 21 j 14:16	4° $\mathbb{Y}$ 00'42	0°30'01	minimum elong	-3307 Apr 06 j 01:47	19° $\mathbb{X}$ 00'00	0°05'22
minimum elong	-3308 Apr 21 j 12:59	3° $\mathbb{Y}$ 53'38	0°29'45	behind sun begin	-3307 Apr 05 j 21:03	18° $\mathbb{X}$ 34'06	
max. Earth dist.	-3308 Apr 22 j 03:31	5° $\mathbb{Y}$ 13'08	1.32690 AU	behind sun end	-3307 Apr 06 j 06:31	19° $\mathbb{X}$ 25'56	
evening rise	-3308 Apr 28 j 15:54	19° $\mathbb{Y}$ 10'04			-3307 Apr 11 j 03:06	0° $\mathbb{Y}$	
	-3308 May 04 j 02:23	0° $\mathbb{Z}$		evening rise	-3307 Apr 13 j 01:06	4° $\mathbb{Y}$ 04'02	
	-3308 May 23 j 02:29	0° $\mathbb{I}$			-3307 Apr 26 j 23:38	0° $\mathbb{Z}$	
evening max el	-3308 May 29 j 10:45	6° $\mathbb{I}$ 58'58	26°58'25	evening max el	-3307 May 11 j 09:28	18° $\mathbb{Z}$ 35'15	26°01'03
desc. node	-3308 May 30 j 15:59	8° $\mathbb{I}$ 06'33		desc. node	-3307 May 17 j 13:05	23° $\mathbb{Z}$ 24'11	
retrograde	-3308 Jun 12 j 10:04	14° $\mathbb{I}$ 18'59		retrograde	-3307 May 25 j 11:28	25° $\mathbb{Z}$ 51'19	
evening set	-3308 Jun 19 j 06:30	12° $\mathbb{I}$ 13'03		evening set	-3307 May 31 j 12:06	24° $\mathbb{Z}$ 22'34	
min. Earth dist.	-3308 Jun 23 j 00:16	9° $\mathbb{I}$ 30'02	0.60984 AU	min. Earth dist.	-3307 Jun 04 j 22:04	21° $\mathbb{Z}$ 40'16	0.58935 AU
inferior conj	-3308 Jun 26 j 06:33	6° $\mathbb{I}$ 41'12	-4°20'32	inferior conj	-3307 Jun 08 j 06:34	19° $\mathbb{Z}$ 09'39	-4°19'46
minimum elong	-3308 Jun 26 j 08:11	6° $\mathbb{I}$ 37'39	4°20'19	minimum elong	-3307 Jun 08 j 04:53	19° $\mathbb{Z}$ 12'50	4°19'35
morning rise	-3308 Jul 03 j 11:34	1° $\mathbb{I}$ 52'18		morning rise	-3307 Jun 16 j 00:14	14° $\mathbb{Z}$ 42'54	
direct	-3308 Jul 06 j 00:30	1° $\mathbb{I}$ 26'21		direct	-3307 Jun 18 j 12:28	14° $\mathbb{Z}$ 21'42	
morning max el	-3308 Jul 13 j 02:12	4° $\mathbb{I}$ 55'19	18°04'15	morning max el	-3307 Jun 26 j 10:27	18° $\mathbb{Z}$ 07'18	18°32'28
asc. node	-3308 Jul 15 j 16:00	7° $\mathbb{I}$ 47'20		asc. node	-3307 Jul 02 j 13:03	25° $\mathbb{Z}$ 48'16	
	-3308 Jul 28 j 23:51	0° $\mathbb{Z}$			-3307 Jul 05 j 03:03	0° $\mathbb{I}$	
morning set	-3308 Jul 29 j 02:16	0° $\mathbb{Z}$ 11'11		morning set	-3307 Jul 12 j 15:42	13° $\mathbb{I}$ 54'42	
					-3307 Jul 21 j 01:32	0° $\mathbb{Z}$	
superior conj	-3308 Aug 08 j 05:01	18° $\mathbb{Z}$ 37'14	1°39'18	superior conj	-3307 Jul 21 j 15:45	1° $\mathbb{Z}$ 06'19	1°48'20
minimum elong	-3308 Aug 08 j 08:31	18° $\mathbb{Z}$ 52'44	1°39'10	minimum elong	-3307 Jul 21 j 16:38	1° $\mathbb{Z}$ 10'28	1°48'25
	-3308 Aug 14 j 19:17	0° $\mathbb{Q}$		max. Earth dist.	-3307 Jul 28 j 22:00	14° $\mathbb{Z}$ 12'30	1.39855 AU
max. Earth dist.	-3308 Aug 15 j 18:22	1° $\mathbb{Q}$ 36'48	1.41763 AU	evening rise	-3307 Aug 02 j 04:58	21° $\mathbb{Z}$ 33'03	
evening rise	-3308 Aug 21 j 15:40	11° $\mathbb{Q}$ 14'30			-3307 Aug 07 j 08:39	0° $\mathbb{Q}$	
desc. node	-3308 Aug 26 j 15:19	19° $\mathbb{Q}$ 05'44		desc. node	-3307 Aug 13 j 12:18	9° $\mathbb{Q}$ 36'11	
	-3308 Sep 02 j 20:01	0° $\mathbb{M}$			-3307 Aug 27 j 21:15	0° $\mathbb{M}$	
evening max el	-3308 Sep 23 j 15:54	27° $\mathbb{M}$ 28'48	22°23'21	evening max el	-3307 Sep 06 j 05:00	10° $\mathbb{M}$ 55'42	23°43'58
	-3308 Sep 26 j 09:18	0° $\Omega$					
retrograde	-3308 Oct 03 j 05:22	3° $\Omega$ 09'40					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3307 Sep 16 j 21:36	17° $\mathbb{M}$ 14'30		evening max el	-3306 Aug 19 j 16:02	24° $\Omega$ 26'14	25°02'12
evening set	-3307 Sep 22 j 01:09	15° $\mathbb{M}$ 04'38			-3306 Aug 26 j 19:36	0° $\mathbb{M}$	
inferior conj	-3307 Sep 27 j 08:57	8° $\mathbb{M}$ 45'10	-0°23'21	retrograde	-3306 Aug 31 j 09:47	1° $\mathbb{M}$ 15'48	
minimum elong	-3307 Sep 27 j 09:30	8° $\mathbb{M}$ 43'18	0°23'04		-3306 Sep 04 j 13:45	30° $\mathbb{R}$ $\Omega$	
min. Earth dist.	-3307 Sep 26 j 22:11	9° $\mathbb{M}$ 21'56	0.67401 AU	evening set	-3306 Sep 06 j 04:16	28° $\Omega$ 48'02	
asc. node	-3307 Sep 28 j 12:10	7° $\mathbb{M}$ 13'11		min. Earth dist.	-3306 Sep 10 j 16:26	23° $\Omega$ 40'37	0.67052 AU
morning rise	-3307 Oct 02 j 17:48	2° $\mathbb{M}$ 35'50		inferior conj	-3306 Sep 11 j 13:52	22° $\Omega$ 29'55	-1°17'02
direct	-3307 Oct 06 j 18:23	1° $\mathbb{M}$ 04'28		minimum elong	-3306 Sep 11 j 15:41	22° $\Omega$ 23'55	1°16'13
morning max el	-3307 Oct 15 j 04:13	6° $\mathbb{M}$ 01'03	21°01'33	asc. node	-3306 Sep 15 j 09:17	17° $\Omega$ 55'47	
	-3307 Nov 02 j 03:11	0° $\underline{\Omega}$		morning rise	-3306 Sep 17 j 03:09	16° $\Omega$ 27'47	
desc. node	-3307 Nov 09 j 11:59	11° $\underline{\Omega}$ 07'48		direct	-3306 Sep 20 j 16:14	15° $\Omega$ 14'59	
morning set	-3307 Nov 14 j 00:50	18° $\underline{\Omega}$ 09'20		morning max el	-3306 Sep 28 j 04:56	19° $\Omega$ 35'51	19°52'40
	-3307 Nov 21 j 11:32	0° $\mathbb{M}$			-3306 Oct 06 j 11:15	0° $\mathbb{M}$	
max. Earth dist.	-3307 Nov 22 j 10:59	1° $\mathbb{M}$ 35'14	1.42664 AU	morning set	-3306 Oct 23 j 22:45	26° $\mathbb{M}$ 21'37	
					-3306 Oct 26 j 07:00	0° $\underline{\Omega}$	
superior conj	-3307 Nov 29 j 09:22	13° $\mathbb{M}$ 06'24	-1°45'14	desc. node	-3306 Oct 27 j 08:56	1° $\underline{\Omega}$ 41'01	
minimum elong	-3307 Nov 29 j 04:35	12° $\mathbb{M}$ 46'07	1°45'00	max. Earth dist.	-3306 Nov 04 j 22:15	15° $\underline{\Omega}$ 09'20	1.44044 AU
	-3307 Dec 09 j 01:58	0° $\mathbb{X}$					
evening rise	-3307 Dec 11 j 00:49	3° $\mathbb{X}$ 29'20		superior conj	-3306 Nov 09 j 14:14	22° $\underline{\Omega}$ 38'51	-1°18'02
asc. node	-3307 Dec 25 j 11:13	27° $\mathbb{X}$ 18'53		minimum elong	-3306 Nov 09 j 07:00	22° $\underline{\Omega}$ 09'35	1°17'19
	-3307 Dec 27 j 19:34	0° $\mathbb{Z}$			-3306 Nov 14 j 02:16	0° $\mathbb{M}$	
evening max el	-3307 Dec 27 j 21:43	0° $\mathbb{Z}$ 05'22	18°07'54	evening rise	-3306 Nov 23 j 03:03	15° $\mathbb{M}$ 09'22	
retrograde	-3306 Jan 03 j 13:41	3° $\mathbb{Z}$ 32'52			-3306 Dec 01 j 21:51	0° $\mathbb{X}$	
evening set	-3306 Jan 06 j 06:36	2° $\mathbb{Z}$ 58'35		evening max el	-3306 Dec 11 j 10:22	13° $\mathbb{X}$ 22'24	18°17'09
	-3306 Jan 10 j 15:30	30° $\mathbb{R}$ $\mathbb{X}$		asc. node	-3306 Dec 12 j 08:19	14° $\mathbb{X}$ 15'04	
inferior conj	-3306 Jan 12 j 20:14	27° $\mathbb{X}$ 55'01	4°00'06	retrograde	-3306 Dec 17 j 23:14	16° $\mathbb{X}$ 54'42	
minimum elong	-3306 Jan 12 j 19:23	27° $\mathbb{X}$ 57'05	3°59'57	evening set	-3306 Dec 20 j 20:05	16° $\mathbb{X}$ 11'20	
min. Earth dist.	-3306 Jan 15 j 19:31	25° $\mathbb{X}$ 00'27	0.61712 AU	inferior conj	-3306 Dec 26 j 23:43	10° $\mathbb{X}$ 47'55	3°44'45
morning rise	-3306 Jan 19 j 07:00	22° $\mathbb{X}$ 06'19		minimum elong	-3306 Dec 26 j 21:17	10° $\mathbb{X}$ 54'38	3°44'18
direct	-3306 Jan 26 j 07:04	19° $\mathbb{X}$ 37'50		min. Earth dist.	-3306 Dec 29 j 08:57	8° $\mathbb{X}$ 10'29	0.63524 AU
desc. node	-3306 Feb 05 j 11:19	23° $\mathbb{X}$ 57'41		morning rise	-3305 Jan 01 j 21:50	4° $\mathbb{X}$ 48'57	
morning max el	-3306 Feb 09 j 08:01	27° $\mathbb{X}$ 22'53	27°40'43	direct	-3305 Jan 08 j 22:30	2° $\mathbb{X}$ 01'24	
	-3306 Feb 11 j 20:30	0° $\mathbb{Z}$		morning max el	-3305 Jan 22 j 15:18	9° $\mathbb{X}$ 46'39	27°36'54
	-3306 Mar 04 j 13:32	0° $\approx$		desc. node	-3305 Jan 23 j 08:23	10° $\mathbb{X}$ 29'35	
morning set	-3306 Mar 14 j 05:04	18° $\approx$ 24'09			-3305 Feb 07 j 12:29	0° $\mathbb{Z}$	
	-3306 Mar 19 j 17:11	0° $\mathbb{X}$			-3305 Feb 24 j 19:50	0° $\approx$	
max. Earth dist.	-3306 Mar 20 j 04:22	1° $\mathbb{X}$ 00'24	1.32718 AU	morning set	-3305 Feb 26 j 03:51	2° $\approx$ 38'14	
				max. Earth dist.	-3305 Mar 03 j 09:51	13° $\approx$ 25'17	1.33289 AU
superior conj	-3306 Mar 21 j 12:48	3° $\mathbb{X}$ 56'18	-0°19'54				
minimum elong	-3306 Mar 21 j 13:42	4° $\mathbb{X}$ 01'13	0°19'46	superior conj	-3305 Mar 05 j 20:48	18° $\approx$ 38'40	-0°45'06
asc. node	-3306 Mar 23 j 10:36	8° $\mathbb{X}$ 05'39		minimum elong	-3305 Mar 05 j 22:49	18° $\approx$ 49'26	0°44'47
evening rise	-3306 Mar 28 j 12:25	19° $\mathbb{X}$ 01'27		asc. node	-3305 Mar 10 j 07:38	28° $\approx$ 12'55	
	-3306 Apr 02 j 22:31	0° $\mathbb{Y}$			-3305 Mar 11 j 03:38	0° $\mathbb{X}$	
evening max el	-3306 Apr 23 j 02:41	29° $\mathbb{Y}$ 34'10	24°39'10	evening rise	-3305 Mar 13 j 00:00	3° $\mathbb{X}$ 55'07	
	-3306 Apr 23 j 13:37	0° $\mathbb{Z}$			-3305 Mar 27 j 07:52	0° $\mathbb{Y}$	
desc. node	-3306 May 04 j 10:10	6° $\mathbb{Z}$ 21'49		evening max el	-3305 Apr 04 j 18:43	10° $\mathbb{Y}$ 16'03	23°05'31
retrograde	-3306 May 07 j 02:10	6° $\mathbb{Z}$ 38'17		retrograde	-3305 Apr 18 j 03:47	16° $\mathbb{Y}$ 52'04	
evening set	-3306 May 11 j 20:13	5° $\mathbb{Z}$ 47'03		desc. node	-3305 Apr 21 j 07:16	16° $\mathbb{Y}$ 30'23	
min. Earth dist.	-3306 May 17 j 14:43	2° $\mathbb{Z}$ 49'29	0.57055 AU	evening set	-3305 Apr 21 j 13:59	16° $\mathbb{Y}$ 26'25	
inferior conj	-3306 May 20 j 10:55	0° $\mathbb{Z}$ 58'29	-3°45'48	min. Earth dist.	-3305 Apr 29 j 05:04	13° $\mathbb{Y}$ 02'17	0.55692 AU
minimum elong	-3306 May 20 j 05:42	1° $\mathbb{Z}$ 07'02	3°44'49	inferior conj	-3305 Apr 30 j 19:56	12° $\mathbb{Y}$ 05'37	-2°30'54
	-3306 May 21 j 23:12	30° $\mathbb{R}$ $\mathbb{Y}$		minimum elong	-3305 Apr 30 j 14:03	12° $\mathbb{Y}$ 14'13	2°29'09
morning rise	-3306 May 28 j 18:18	26° $\mathbb{Y}$ 50'48		morning rise	-3305 May 09 j 16:29	8° $\mathbb{Y}$ 08'26	
direct	-3306 May 31 j 06:12	26° $\mathbb{Y}$ 33'18		direct	-3305 May 12 j 05:55	7° $\mathbb{Y}$ 52'39	
	-3306 Jun 08 j 12:21	0° $\mathbb{Z}$		morning max el	-3305 May 23 j 01:19	12° $\mathbb{Y}$ 54'32	20°30'04
morning max el	-3306 Jun 09 j 10:58	0° $\mathbb{Z}$ 50'04	19°21'07		-3305 Jun 04 j 06:33	0° $\mathbb{Z}$	
asc. node	-3306 Jun 19 j 10:06	14° $\mathbb{Z}$ 31'06		asc. node	-3305 Jun 06 j 07:08	3° $\mathbb{Z}$ 45'41	
morning set	-3306 Jun 26 j 14:28	28° $\mathbb{Z}$ 08'00		morning set	-3305 Jun 10 j 19:42	12° $\mathbb{Z}$ 43'35	
	-3306 Jun 27 j 12:56	0° $\mathbb{I}$					
superior conj	-3306 Jul 04 j 19:39	14° $\mathbb{I}$ 28'24	1°47'09	superior conj	-3305 Jun 18 j 11:52	28° $\mathbb{Z}$ 29'30	1°38'19
minimum elong	-3306 Jul 04 j 18:32	14° $\mathbb{I}$ 22'56	1°47'14	minimum elong	-3305 Jun 18 j 09:36	28° $\mathbb{Z}$ 17'58	1°38'14
max. Earth dist.	-3306 Jul 10 j 23:46	26° $\mathbb{I}$ 11'09	1.37907 AU		-3305 Jun 19 j 05:45	0° $\mathbb{I}$	
	-3306 Jul 13 j 02:03	0° $\mathbb{Z}$		max. Earth dist.	-3305 Jun 23 j 06:16	7° $\mathbb{I}$ 58'32	1.36144 AU
evening rise	-3306 Jul 14 j 20:10	3° $\mathbb{Z}$ 07'39		evening rise	-3305 Jun 27 j 09:11	15° $\mathbb{I}$ 48'08	
desc. node	-3306 Jul 31 j 09:18	29° $\mathbb{Z}$ 53'01			-3305 Jul 05 j 10:18	0° $\mathbb{Z}$	
	-3306 Jul 31 j 11:12	0° $\Omega$		desc. node	-3305 Jul 18 j 06:19	19° $\mathbb{Z}$ 49'56	
					-3305 Jul 25 j 22:34	0° $\Omega$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3305 Aug 02 j 03:09	7°Ω59'15	26°10'08	desc. node	-3304 Jul 04 j 03:21	9°☿17'30	
retrograde	-3305 Aug 14 j 17:11	15°Ω08'57		evening max el	-3304 Jul 14 j 14:38	21°☿26'20	26°59'44
evening set	-3305 Aug 21 j 02:05	12°Ω27'24		retrograde	-3304 Jul 27 j 19:19	28°☿46'25	
min. Earth dist.	-3305 Aug 25 j 06:07	7°Ω57'39	0.66372 AU	evening set	-3304 Aug 03 j 16:11	25°☿58'37	
inferior conj	-3305 Aug 26 j 15:18	6°Ω14'08	-2°09'04	min. Earth dist.	-3304 Aug 07 j 12:48	22°☿07'06	0.65325 AU
minimum elong	-3305 Aug 26 j 18:16	6°Ω04'52	2°07'54	inferior conj	-3304 Aug 09 j 11:07	19°☿53'17	-2°57'25
morning rise	-3305 Sep 01 j 10:37	0°Ω22'30		minimum elong	-3304 Aug 09 j 14:54	19°☿42'23	2°56'10
asc. node	-3305 Sep 02 j 06:21	29°☿56'33		morning rise	-3304 Aug 15 j 14:03	14°☿15'32	
	-3305 Sep 02 j 03:22	30°☿☿		direct	-3304 Aug 18 j 11:01	13°☿30'19	
direct	-3305 Sep 04 j 14:31	29°☿25'06		asc. node	-3304 Aug 19 j 03:24	13°☿32'52	
	-3305 Sep 07 j 03:20	0°Ω		morning max el	-3304 Aug 25 j 00:52	17°☿05'43	18°20'17
morning max el	-3305 Sep 11 j 12:27	3°Ω18'48	18°58'22		-3304 Sep 03 j 11:22	0°Ω	
	-3305 Sep 30 j 01:38	0°☿		morning set	-3304 Sep 13 j 02:46	15°Ω43'07	
morning set	-3305 Oct 03 j 11:23	5°☿22'57			-3304 Sep 21 j 21:26	0°☿	
desc. node	-3305 Oct 14 j 05:55	22°☿21'42					
max. Earth dist.	-3305 Oct 18 j 14:57	29°☿15'16	1.44781 AU	superior conj	-3304 Sep 27 j 20:26	9°☿30'41	0°14'28
	-3305 Oct 19 j 02:18	0°Ω		minimum elong	-3304 Sep 27 j 22:16	9°☿37'58	0°14'16
				behind sun begin	-3304 Sep 27 j 16:50	9°☿16'27	
superior conj	-3305 Oct 19 j 20:02	1°Ω09'57	-0°35'09	behind sun end	-3304 Sep 28 j 03:42	9°☿59'29	
minimum elong	-3305 Oct 19 j 15:32	0°Ω52'11	0°34'35	desc. node	-3304 Sep 30 j 02:52	13°☿06'00	
evening rise	-3305 Nov 04 j 06:31	25°Ω50'13		max. Earth dist.	-3304 Sep 30 j 09:33	13°☿32'21	1.44782 AU
	-3305 Nov 06 j 20:04	0°☿			-3304 Oct 10 j 21:15	0°Ω	
evening max el	-3305 Nov 24 j 22:07	26°☿46'07	18°44'27	evening rise	-3304 Oct 14 j 09:22	5°Ω28'56	
asc. node	-3305 Nov 29 j 05:23	0°☿00'49		greatest brilliancy	-3304 Oct 25 j 11:18	22°Ω42'29	-0.7m
	-3305 Nov 29 j 04:38	0°☿			-3304 Oct 30 j 08:12	0°☿	
retrograde	-3305 Dec 01 j 15:46	0°☿33'17		evening max el	-3304 Nov 07 j 06:35	10°☿12'24	19°28'36
	-3305 Dec 04 j 01:49	30°☿☿		retrograde	-3304 Nov 14 j 12:00	14°☿23'23	
evening set	-3305 Dec 04 j 17:51	29°☿39'14		asc. node	-3304 Nov 15 j 02:25	14°☿21'19	
inferior conj	-3305 Dec 10 j 13:50	23°☿58'12	3°15'22	evening set	-3304 Nov 17 j 21:10	13°☿16'34	
minimum elong	-3305 Dec 10 j 10:46	24°☿07'29	3°14'32	inferior conj	-3304 Nov 23 j 11:32	7°☿21'01	2°36'20
min. Earth dist.	-3305 Dec 12 j 08:08	21°☿50'35	0.65010 AU	minimum elong	-3304 Nov 23 j 08:34	7°☿30'35	2°35'19
morning rise	-3305 Dec 16 j 03:20	17°☿51'44		min. Earth dist.	-3304 Nov 24 j 16:03	5°☿48'51	0.66126 AU
direct	-3305 Dec 22 j 20:29	15°☿00'27		morning rise	-3304 Nov 28 j 19:44	1°☿09'14	
morning max el	-3304 Jan 05 j 00:44	22°☿37'54	27°00'00		-3304 Nov 30 j 07:03	30°☿Ω	
desc. node	-3304 Jan 10 j 05:26	28°☿20'41		direct	-3304 Dec 05 j 00:20	28°Ω26'33	
	-3304 Jan 11 j 14:09	0°☿			-3304 Dec 10 j 06:01	0°☿	
	-3304 Jan 31 j 18:07	0°☿		morning max el	-3304 Dec 17 j 10:13	5°☿45'18	25°57'08
morning set	-3304 Feb 09 j 16:50	16°☿18'00		desc. node	-3304 Dec 27 j 02:29	17°☿07'50	
max. Earth dist.	-3304 Feb 14 j 05:50	25°☿17'02	1.34284 AU		-3303 Jan 05 j 04:53	0°☿	
	-3304 Feb 16 j 13:04	0°☿		morning set	-3303 Jan 22 j 15:50	29°☿11'07	
					-3303 Jan 23 j 02:23	0°☿	
superior conj	-3304 Feb 18 j 00:00	3°☿01'43	-1°09'03	max. Earth dist.	-3303 Jan 26 j 14:17	6°☿36'48	1.35724 AU
minimum elong	-3304 Feb 18 j 02:54	3°☿16'49	1°08'39				
evening rise	-3304 Feb 25 j 10:05	18°☿38'48		superior conj	-3303 Jan 31 j 19:57	16°☿58'06	-1°30'13
asc. node	-3304 Feb 25 j 04:39	18°☿10'28		minimum elong	-3303 Jan 31 j 23:14	17°☿14'37	1°29'55
	-3304 Mar 02 j 02:30	0°☿			-3303 Feb 07 j 04:26	0°☿	
evening max el	-3304 Mar 16 j 15:40	21°☿07'28	21°33'57	evening rise	-3303 Feb 08 j 16:47	3°☿06'24	
retrograde	-3304 Mar 28 j 18:55	26°☿58'41		asc. node	-3303 Feb 11 j 01:39	7°☿53'33	
evening set	-3304 Mar 31 j 08:12	26°☿43'57			-3303 Feb 24 j 13:39	0°☿	
desc. node	-3304 Apr 07 j 04:22	24°☿05'13		evening max el	-3303 Feb 26 j 22:12	2°☿29'07	20°14'57
inferior conj	-3304 Apr 09 j 16:24	22°☿42'27	-0°41'50	retrograde	-3303 Mar 09 j 10:00	7°☿28'44	
minimum elong	-3304 Apr 09 j 14:27	22°☿45'12	0°41'09	evening set	-3303 Mar 11 j 16:27	7°☿15'43	
min. Earth dist.	-3304 Apr 09 j 18:44	22°☿39'11	0.55137 AU	inferior conj	-3303 Mar 20 j 13:47	3°☿16'42	1°13'45
morning rise	-3304 Apr 18 j 21:09	18°☿40'46		minimum elong	-3303 Mar 20 j 16:56	3°☿12'01	1°12'39
direct	-3304 Apr 21 j 18:33	18°☿22'23		min. Earth dist.	-3303 Mar 22 j 08:48	2°☿12'44	0.55515 AU
morning max el	-3304 May 04 j 04:44	24°☿16'52	21°56'52	desc. node	-3303 Mar 25 j 01:28	0°☿42'43	
	-3304 May 09 j 08:04	0°☿			-3303 Mar 26 j 12:51	30°☿☿	
asc. node	-3304 May 23 j 04:08	23°☿23'37		morning rise	-3303 Mar 29 j 15:40	28°☿52'28	
morning set	-3304 May 25 j 05:04	27°☿34'18		direct	-3303 Apr 02 j 08:32	28°☿22'31	
	-3304 May 26 j 09:01	0°☿			-3303 Apr 08 j 22:53	0°☿	
				morning max el	-3303 Apr 15 j 23:27	5°☿05'16	23°34'52
superior conj	-3304 Jun 01 j 12:36	12°☿58'01	1°23'49		-3303 May 03 j 09:28	0°☿	
minimum elong	-3304 Jun 01 j 09:57	12°☿44'06	1°23'33	morning set	-3303 May 09 j 16:42	12°☿34'10	
max. Earth dist.	-3304 Jun 04 j 21:48	19°☿58'11	1.34705 AU	asc. node	-3303 May 10 j 01:09	13°☿18'30	
evening rise	-3304 Jun 09 j 14:39	29°☿19'01					
	-3304 Jun 09 j 23:09	0°☿		superior conj	-3303 May 16 j 19:06	27°☿45'21	1°05'10
	-3304 Jun 27 j 13:12	0°☿		minimum elong	-3303 May 16 j 16:39	27°☿32'15	1°04'49

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3303 May 17 j 20:17	0°♄		max. Earth dist.	-3302 May 02 j 07:30	15°♄06'33	1.32932 AU
max. Earth dist.	-3303 May 18 j 22:59	2°♄21'52	1.33637 AU	evening rise	-3302 May 08 j 09:40	28°♄00'22	
evening rise	-3303 May 24 j 08:02	13°♄27'13			-3302 May 09 j 09:09	0°♄	
	-3303 Jun 02 j 03:30	0°♄			-3302 May 26 j 10:15	0°♄	
desc. node	-3303 Jun 21 j 00:22	28°♄03'20		desc. node	-3302 Jun 07 j 21:26	15°♄49'32	
	-3303 Jun 22 j 16:14	0°♄		evening max el	-3302 Jun 09 j 09:10	17°♄18'01	27°17'12
evening max el	-3303 Jun 27 j 01:21	4°♄36'41	27°23'49	retrograde	-3302 Jun 23 j 06:23	24°♄40'31	
retrograde	-3303 Jul 10 j 15:57	12°♄00'07		evening set	-3302 Jun 30 j 08:21	22°♄17'17	
evening set	-3303 Jul 17 j 19:32	9°♄17'27		min. Earth dist.	-3302 Jul 03 j 22:41	19°♄25'53	0.62117 AU
min. Earth dist.	-3303 Jul 21 j 10:38	6°♄00'40	0.63898 AU	inferior conj	-3302 Jul 06 j 23:37	16°♄35'54	-4°10'10
inferior conj	-3303 Jul 23 j 22:54	3°♄22'44	-3°39'13	minimum elong	-3302 Jul 07 j 02:31	16°♄29'07	4°09'41
minimum elong	-3303 Jul 24 j 02:48	3°♄12'30	3°38'13	morning rise	-3302 Jul 13 j 22:02	11°♄34'45	
	-3303 Jul 27 j 10:27	30°♄		direct	-3302 Jul 16 j 11:34	11°♄05'48	
morning rise	-3303 Jul 30 j 10:53	28°♄01'58		morning max el	-3302 Jul 23 j 06:17	14°♄31'02	17°56'59
direct	-3303 Aug 02 j 03:08	27°♄26'04		asc. node	-3302 Jul 23 j 21:34	15°♄09'49	
asc. node	-3303 Aug 06 j 00:28	28°♄41'45			-3302 Aug 02 j 22:11	0°♄	
	-3303 Aug 07 j 17:38	0°♄		morning set	-3302 Aug 08 j 11:14	9°♄54'25	
morning max el	-3303 Aug 08 j 15:44	0°♄51'52	17°59'29				
morning set	-3303 Aug 25 j 20:24	27°♄18'15		superior conj	-3302 Aug 19 j 09:47	29°♄17'03	1°28'23
	-3303 Aug 27 j 10:01	0°♄		minimum elong	-3302 Aug 19 j 14:40	29°♄38'00	1°28'02
					-3302 Aug 19 j 19:48	0°♄	
superior conj	-3303 Sep 07 j 13:30	18°♄43'19	0°58'06	max. Earth dist.	-3302 Aug 26 j 14:16	11°♄20'04	1.42735 AU
minimum elong	-3303 Sep 07 j 19:00	19°♄05'49	0°57'32	evening rise	-3302 Sep 02 j 23:36	23°♄10'20	
max. Earth dist.	-3303 Sep 13 j 02:13	27°♄39'39	1.44064 AU	desc. node	-3302 Sep 03 j 20:47	24°♄33'16	
	-3303 Sep 14 j 13:27	0°♄			-3302 Sep 07 j 09:13	0°♄	
desc. node	-3303 Sep 16 j 23:49	3°♄50'50			-3302 Sep 28 j 05:34	0°♄	
evening rise	-3303 Sep 23 j 17:27	14°♄20'45		evening max el	-3302 Oct 04 j 07:08	7°♄05'02	21°38'47
	-3303 Oct 03 j 23:59	0°♄		retrograde	-3302 Oct 13 j 05:52	12°♄23'56	
evening max el	-3303 Oct 21 j 09:52	23°♄38'47	20°27'42	evening set	-3302 Oct 17 j 11:39	10°♄44'33	
retrograde	-3303 Oct 29 j 09:24	28°♄21'06		asc. node	-3302 Oct 19 j 20:36	8°♄23'24	
asc. node	-3303 Nov 01 j 23:30	27°♄06'45		inferior conj	-3302 Oct 22 j 19:55	4°♄30'19	1°00'29
evening set	-3303 Nov 02 j 03:45	26°♄59'12		minimum elong	-3302 Oct 22 j 18:33	4°♄35'01	0°59'54
inferior conj	-3303 Nov 07 j 14:15	20°♄52'30	1°50'37	min. Earth dist.	-3302 Oct 23 j 01:24	4°♄11'24	0.67330 AU
minimum elong	-3303 Nov 07 j 11:55	21°♄00'23	1°49'43		-3302 Oct 26 j 07:23	30°♄	
min. Earth dist.	-3303 Nov 08 j 06:36	19°♄57'14	0.66889 AU	morning rise	-3302 Oct 28 j 01:16	28°♄15'26	
morning rise	-3303 Nov 12 j 19:53	14°♄37'49		direct	-3302 Nov 01 j 23:53	26°♄10'11	
direct	-3303 Nov 18 j 09:42	12°♄11'47			-3302 Nov 09 j 19:08	0°♄	
morning max el	-3303 Nov 29 j 18:55	18°♄58'52	24°37'28	morning max el	-3302 Nov 12 j 04:27	2°♄15'05	23°10'57
	-3303 Dec 09 j 03:26	0°♄		desc. node	-3302 Nov 30 j 20:30	26°♄28'51	
desc. node	-3303 Dec 13 j 23:30	6°♄34'19			-3302 Dec 03 j 05:27	0°♄	
	-3303 Dec 29 j 07:40	0°♄		morning set	-3302 Dec 16 j 20:49	21°♄33'08	
morning set	-3302 Jan 04 j 19:12	11°♄01'19		max. Earth dist.	-3302 Dec 21 j 08:06	29°♄08'35	1.39635 AU
max. Earth dist.	-3302 Jan 08 j 12:44	17°♄41'54	1.37565 AU		-3302 Dec 21 j 19:57	0°♄	
superior conj	-3302 Jan 15 j 05:22	0°♄18'01	-1°46'36	superior conj	-3302 Dec 29 j 00:02	12°♄50'47	-1°55'27
minimum elong	-3302 Jan 15 j 08:08	0°♄31'23	1°46'32	minimum elong	-3302 Dec 29 j 00:56	12°♄54'56	1°55'33
	-3302 Jan 15 j 01:39	0°♄		evening rise	-3301 Jan 07 j 10:39	0°♄45'23	
evening rise	-3302 Jan 23 j 17:51	17°♄10'45			-3301 Jan 07 j 01:12	0°♄	
asc. node	-3302 Jan 28 j 22:42	27°♄15'50		asc. node	-3301 Jan 15 j 19:45	16°♄10'29	
	-3302 Jan 30 j 10:38	0°♄		evening max el	-3301 Jan 23 j 17:40	26°♄57'30	18°32'27
evening max el	-3302 Feb 09 j 15:23	14°♄26'56	19°13'48		-3301 Jan 28 j 02:06	0°♄	
retrograde	-3302 Feb 18 j 12:37	18°♄41'23		retrograde	-3301 Jan 31 j 09:17	0°♄41'35	
evening set	-3302 Feb 20 j 20:42	18°♄25'04		evening set	-3301 Feb 02 j 21:09	0°♄19'07	
inferior conj	-3302 Mar 01 j 00:59	14°♄14'35	2°45'09		-3301 Feb 03 j 19:25	30°♄	
minimum elong	-3302 Mar 01 j 05:53	14°♄06'16	2°43'50	inferior conj	-3301 Feb 10 j 08:18	25°♄49'23	3°39'28
min. Earth dist.	-3302 Mar 04 j 00:01	12°♄15'06	0.56746 AU	minimum elong	-3301 Feb 10 j 11:32	25°♄42'59	3°38'55
morning rise	-3302 Mar 09 j 12:18	9°♄19'22		min. Earth dist.	-3301 Feb 13 j 17:47	23°♄10'13	0.58554 AU
desc. node	-3302 Mar 11 j 22:35	8°♄37'56		morning rise	-3301 Feb 17 j 23:33	20°♄27'41	
direct	-3302 Mar 14 j 10:00	8°♄23'30		direct	-3301 Feb 24 j 00:54	18°♄54'24	
morning max el	-3302 Mar 28 j 14:24	15°♄39'29	25°12'12	desc. node	-3301 Feb 26 j 19:43	19°♄13'49	
	-3302 Apr 09 j 02:29	0°♄		morning max el	-3301 Mar 10 j 07:28	26°♄27'27	26°33'43
morning set	-3302 Apr 24 j 04:52	27°♄36'03			-3301 Mar 13 j 16:13	0°♄	
	-3302 Apr 25 j 08:06	0°♄			-3301 Apr 02 j 08:48	0°♄	
asc. node	-3302 Apr 26 j 22:11	3°♄24'00		morning set	-3301 Apr 08 j 15:53	12°♄33'55	
				asc. node	-3301 Apr 13 j 19:13	23°♄35'32	
superior conj	-3302 May 01 j 05:04	12°♄42'55	0°43'30				
minimum elong	-3302 May 01 j 03:16	12°♄33'07	0°43'10	superior conj	-3301 Apr 15 j 16:39	27°♄44'09	0°19'45

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3301 Apr 15 j 15:47	27° $\text{H}$ 39'24	0°19'33	max. Earth dist.	-3300 Mar 29 j 09:19	11° $\text{H}$ 00'03	1.32566 AU
max. Earth dist.	-3301 Apr 15 j 20:10	28° $\text{H}$ 03'23	1.32578 AU				
	-3301 Apr 16 j 17:29	0° $\text{Y}$		superior conj	-3300 Mar 30 j 04:12	12° $\text{H}$ 43'13	-0°05'17
evening rise	-3301 Apr 22 j 16:46	12° $\text{Y}$ 49'11		minimum elong	-3300 Mar 30 j 04:26	12° $\text{H}$ 44'31	0°05'16
	-3301 May 01 j 12:33	0° $\text{B}$		behind sun begin	-3300 Mar 29 j 23:40	12° $\text{H}$ 18'25	
evening max el	-3301 May 22 j 11:52	29° $\text{B}$ 20'05	26°37'42	behind sun end	-3300 Mar 30 j 09:13	13° $\text{H}$ 10'36	
	-3301 May 23 j 04:55	0° $\text{II}$		asc. node	-3300 Mar 30 j 16:14	13° $\text{H}$ 49'03	
desc. node	-3301 May 25 j 18:32	2° $\text{II}$ 10'50		evening rise	-3300 Apr 06 j 03:07	27° $\text{H}$ 45'54	
retrograde	-3301 Jun 05 j 13:01	6° $\text{II}$ 38'47			-3300 Apr 07 j 04:47	0° $\text{Y}$	
evening set	-3301 Jun 12 j 02:19	4° $\text{II}$ 48'15			-3300 Apr 24 j 07:48	0° $\text{B}$	
min. Earth dist.	-3301 Jun 16 j 01:17	2° $\text{II}$ 07'21	0.60107 AU	evening max el	-3300 May 03 j 08:13	10° $\text{B}$ 40'06	25°28'39
	-3301 Jun 18 j 16:06	30° $\text{R}$ $\text{B}$		desc. node	-3300 May 11 j 15:39	16° $\text{B}$ 34'16	
inferior conj	-3301 Jun 19 j 09:43	29° $\text{B}$ 23'43	-4°23'37	retrograde	-3300 May 17 j 09:49	17° $\text{B}$ 51'38	
minimum elong	-3301 Jun 19 j 10:05	29° $\text{B}$ 22'57	4°23'31	evening set	-3300 May 22 j 22:29	16° $\text{B}$ 39'43	
morning rise	-3301 Jun 26 j 19:55	24° $\text{B}$ 44'01		min. Earth dist.	-3300 May 27 j 20:27	13° $\text{B}$ 52'41	0.58094 AU
direct	-3301 Jun 29 j 08:23	24° $\text{B}$ 20'14		inferior conj	-3300 May 31 j 01:41	11° $\text{B}$ 36'55	-4°10'06
morning max el	-3301 Jul 06 j 17:37	27° $\text{B}$ 55'07	18°13'45	minimum elong	-3300 May 30 j 22:22	11° $\text{B}$ 42'47	4°09'40
	-3301 Jul 08 j 16:23	0° $\text{II}$		morning rise	-3300 Jun 08 j 01:02	7° $\text{B}$ 18'38	
asc. node	-3301 Jul 10 j 18:39	2° $\text{II}$ 41'03		direct	-3300 Jun 10 j 13:14	6° $\text{B}$ 59'01	
morning set	-3301 Jul 22 j 17:45	23° $\text{II}$ 17'03		morning max el	-3300 Jun 18 j 22:52	10° $\text{B}$ 55'56	18°50'40
	-3301 Jul 26 j 07:18	0° $\text{E}$		asc. node	-3300 Jun 26 j 15:42	21° $\text{B}$ 01'37	
					-3300 Jul 01 j 17:13	0° $\text{II}$	
superior conj	-3301 Aug 01 j 08:00	11° $\text{E}$ 08'05	1°44'33	morning set	-3300 Jul 05 j 11:38	7° $\text{II}$ 15'12	
minimum elong	-3301 Aug 01 j 10:23	11° $\text{E}$ 18'48	1°44'33				
max. Earth dist.	-3301 Aug 08 j 21:01	24° $\text{E}$ 22'10	1.40975 AU	superior conj	-3300 Jul 14 j 02:46	24° $\text{II}$ 02'13	1°48'54
	-3301 Aug 12 j 05:36	0° $\text{Q}$		minimum elong	-3300 Jul 14 j 02:42	24° $\text{II}$ 01'55	1°49'02
evening rise	-3301 Aug 13 j 22:35	2° $\text{Q}$ 48'17			-3300 Jul 17 j 07:04	0° $\text{E}$	
desc. node	-3301 Aug 21 j 17:46	15° $\text{Q}$ 09'26		max. Earth dist.	-3300 Jul 20 j 23:50	6° $\text{E}$ 43'13	1.39020 AU
	-3301 Aug 31 j 18:01	0° $\text{P}$		evening rise	-3300 Jul 24 j 23:13	13° $\text{E}$ 40'22	
evening max el	-3301 Sep 16 j 22:51	20° $\text{P}$ 31'44	22°57'33		-3300 Aug 03 j 23:03	0° $\text{Q}$	
retrograde	-3301 Sep 26 j 23:52	26° $\text{P}$ 28'46		desc. node	-3300 Aug 07 j 14:46	5° $\text{Q}$ 35'25	
evening set	-3301 Oct 01 j 19:04	24° $\text{P}$ 30'14			-3300 Aug 25 j 17:03	0° $\text{P}$	
asc. node	-3301 Oct 06 j 17:43	18° $\text{P}$ 42'31		evening max el	-3300 Aug 29 j 10:54	4° $\text{P}$ 01'03	24°17'54
inferior conj	-3301 Oct 07 j 02:37	18° $\text{P}$ 11'52	0°07'39	retrograde	-3300 Sep 09 j 14:18	10° $\text{P}$ 33'17	
minimum elong	-3301 Oct 07 j 02:26	18° $\text{P}$ 12'30	0°07'36	evening set	-3300 Sep 15 j 00:18	8° $\text{P}$ 15'25	
transit middle	-3301 Oct 07 j 02:26	18° $\text{P}$ 12'30	0°07'36	min. Earth dist.	-3300 Sep 19 j 17:28	2° $\text{P}$ 47'38	0.67302 AU
transit begin	-3301 Oct 07 j 00:03	18° $\text{P}$ 20'44		inferior conj	-3300 Sep 20 j 08:42	1° $\text{P}$ 56'20	-0°46'11
transit end	-3301 Oct 07 j 04:50	18° $\text{P}$ 04'16		minimum elong	-3300 Sep 20 j 09:47	1° $\text{P}$ 52'39	0°45'40
min. Earth dist.	-3301 Oct 06 j 21:48	18° $\text{P}$ 28'27	0.67468 AU		-3300 Sep 21 j 19:47	30° $\text{R}$ $\text{Q}$	
morning rise	-3301 Oct 12 j 09:41	11° $\text{P}$ 59'44		asc. node	-3300 Sep 22 j 14:49	29° $\text{Q}$ 00'15	
direct	-3301 Oct 16 j 17:58	10° $\text{P}$ 16'15		morning rise	-3300 Sep 25 j 19:15	25° $\text{Q}$ 49'52	
morning max el	-3301 Oct 25 j 18:07	15° $\text{P}$ 36'09	21°46'26	direct	-3300 Sep 29 j 14:45	24° $\text{Q}$ 26'43	
	-3301 Nov 06 j 06:50	0° $\text{A}$		morning max el	-3300 Oct 07 j 14:40	29° $\text{Q}$ 06'30	20°30'36
desc. node	-3301 Nov 17 j 17:28	16° $\text{A}$ 42'41			-3300 Oct 08 j 11:04	0° $\text{P}$	
	-3301 Nov 26 j 07:10	0° $\text{M}$			-3300 Oct 29 j 22:14	0° $\text{A}$	
morning set	-3301 Nov 26 j 17:32	0° $\text{M}$ 41'12		desc. node	-3300 Nov 03 j 14:25	7° $\text{A}$ 10'30	
max. Earth dist.	-3301 Dec 03 j 08:14	11° $\text{M}$ 25'57	1.41654 AU	morning set	-3300 Nov 04 j 17:48	8° $\text{A}$ 56'31	
				max. Earth dist.	-3300 Nov 14 j 16:07	24° $\text{A}$ 37'31	1.43331 AU
					-3300 Nov 17 j 23:33	0° $\text{M}$	
superior conj	-3301 Dec 10 j 22:28	24° $\text{M}$ 21'57	-1°53'10				
minimum elong	-3301 Dec 10 j 19:59	24° $\text{M}$ 11'04	1°53'10				
	-3301 Dec 14 j 02:59	0° $\text{X}$		superior conj	-3300 Nov 20 j 19:16	4° $\text{M}$ 39'01	-1°35'49
evening rise	-3301 Dec 21 j 15:44	13° $\text{X}$ 42'14		minimum elong	-3300 Nov 20 j 13:01	4° $\text{M}$ 13'06	1°35'22
	-3301 Dec 30 j 19:25	0° $\text{Z}$		evening rise	-3300 Dec 03 j 05:08	25° $\text{M}$ 53'33	
asc. node	-3300 Jan 02 j 16:48	4° $\text{Z}$ 28'18			-3300 Dec 05 j 13:22	0° $\text{X}$	
evening max el	-3300 Jan 07 j 02:14	9° $\text{Z}$ 52'13	18°11'11	asc. node	-3300 Dec 19 j 13:52	21° $\text{X}$ 58'19	
retrograde	-3300 Jan 13 j 23:43	13° $\text{Z}$ 21'45		evening max el	-3300 Dec 20 j 14:09	23° $\text{X}$ 03'03	18°09'29
evening set	-3300 Jan 16 j 14:55	12° $\text{Z}$ 51'54		retrograde	-3300 Dec 27 j 03:44	26° $\text{X}$ 31'24	
inferior conj	-3300 Jan 23 j 11:29	8° $\text{Z}$ 00'20	4°00'09	evening set	-3300 Dec 29 j 22:14	25° $\text{X}$ 53'19	
minimum elong	-3300 Jan 23 j 12:00	7° $\text{Z}$ 59'08	4°00'01	inferior conj	-3299 Jan 05 j 07:15	20° $\text{X}$ 40'43	3°55'40
min. Earth dist.	-3300 Jan 26 j 16:56	5° $\text{Z}$ 04'53	0.60577 AU	minimum elong	-3299 Jan 05 j 05:36	20° $\text{X}$ 44'59	3°55'24
morning rise	-3300 Jan 30 j 07:34	2° $\text{Z}$ 19'52		min. Earth dist.	-3299 Jan 08 j 00:43	17° $\text{X}$ 51'42	0.62518 AU
direct	-3300 Feb 06 j 02:45	0° $\text{Z}$ 09'07		morning rise	-3299 Jan 11 j 12:06	14° $\text{X}$ 47'11	
desc. node	-3300 Feb 13 j 16:49	2° $\text{Z}$ 34'27		direct	-3299 Jan 18 j 13:27	12° $\text{X}$ 09'05	
morning max el	-3300 Feb 20 j 06:26	7° $\text{Z}$ 50'24	27°26'31	desc. node	-3299 Jan 30 j 13:52	18° $\text{X}$ 07'25	
	-3300 Mar 08 j 03:15	0° $\text{A}$		morning max el	-3299 Feb 01 j 11:29	19° $\text{X}$ 54'30	27°43'35
morning set	-3300 Mar 22 j 23:56	27° $\text{A}$ 21'31			-3299 Feb 10 j 04:08	0° $\text{Z}$	
	-3300 Mar 24 j 06:22	0° $\text{H}$			-3299 Mar 01 j 00:27	0° $\text{A}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3299 Mar 07 j 02:50	11° $\approx$ 50'39				-3298 Feb 20 j 23:40	0° $\approx$	
max. Earth dist.	-3299 Mar 12 j 18:53	23° $\approx$ 41'19	1.32912 AU	max. Earth dist.		-3298 Feb 23 j 20:50	5° $\approx$ 53'55	1.33656 AU
superior conj	-3299 Mar 14 j 13:58	27° $\approx$ 33'26	-0°30'41	superior conj		-3298 Feb 26 j 20:11	12° $\approx$ 08'45	-0°55'30
minimum elong	-3299 Mar 14 j 15:22	27° $\approx$ 40'57	0°30'27	minimum elong		-3298 Feb 26 j 22:37	12° $\approx$ 21'37	0°55'08
	-3299 Mar 15 j 17:02	0° $\text{H}$		asc. node		-3298 Mar 04 j 10:15	24° $\approx$ 03'51	
asc. node	-3299 Mar 17 j 13:14	3° $\text{H}$ 59'52		evening rise		-3298 Mar 06 j 01:55	27° $\approx$ 33'06	
evening rise	-3299 Mar 21 j 14:46	12° $\text{H}$ 42'39				-3298 Mar 07 j 06:09	0° $\text{H}$	
	-3299 Mar 30 j 10:46	0° $\text{Y}$				-3298 Mar 25 j 14:29	0° $\text{Y}$	
evening max el	-3299 Apr 15 j 00:02	21° $\text{Y}$ 28'01	23°59'54	evening max el		-3298 Mar 27 j 17:14	2° $\text{Y}$ 10'22	22°25'33
retrograde	-3299 Apr 28 j 18:51	28° $\text{Y}$ 22'43		retrograde		-3298 Apr 09 j 15:49	8° $\text{Y}$ 29'50	
desc. node	-3299 Apr 28 j 12:46	28° $\text{Y}$ 22'34		evening set		-3298 Apr 12 j 15:05	8° $\text{Y}$ 10'25	
evening set	-3299 May 02 j 23:05	27° $\text{Y}$ 43'58		desc. node		-3298 Apr 15 j 09:50	7° $\text{Y}$ 19'52	
min. Earth dist.	-3299 May 09 j 11:27	24° $\text{Y}$ 36'41	0.56391 AU	min. Earth dist.		-3298 Apr 21 j 01:27	4° $\text{Y}$ 30'50	0.55341 AU
inferior conj	-3299 May 11 j 21:24	23° $\text{Y}$ 07'22	-3°19'09	inferior conj		-3298 Apr 21 j 23:45	3° $\text{Y}$ 59'07	-1°47'35
minimum elong	-3299 May 11 j 15:21	23° $\text{Y}$ 16'44	3°17'42	minimum elong		-3298 Apr 21 j 19:03	4° $\text{Y}$ 05'48	1°46'03
morning rise	-3299 May 20 j 10:40	19° $\text{Y}$ 06'02		morning rise		-3298 May 01 j 00:48	0° $\text{Y}$ 02'19	
direct	-3299 May 22 j 22:57	18° $\text{Y}$ 49'34				-3298 May 01 j 05:39	30° $\text{R}$ $\text{H}$	
morning max el	-3299 Jun 01 j 19:17	23° $\text{Y}$ 23'24	19°48'08	direct		-3298 May 03 j 16:10	29° $\text{H}$ 46'20	
	-3299 Jun 07 j 09:56	0° $\text{B}$				-3298 May 06 j 01:27	0° $\text{Y}$	
asc. node	-3299 Jun 13 j 12:44	9° $\text{B}$ 59'02		morning max el		-3298 May 15 j 05:03	5° $\text{Y}$ 10'29	21°05'07
morning set	-3299 Jun 19 j 13:26	21° $\text{B}$ 38'58		asc. node		-3298 May 31 j 09:45	29° $\text{Y}$ 24'21	
	-3299 Jun 23 j 16:21	0° $\text{II}$				-3298 May 31 j 17:01	0° $\text{B}$	
superior conj	-3299 Jun 27 j 12:26	7° $\text{II}$ 42'41	1°44'13	morning set		-3298 Jun 03 j 20:37	6° $\text{B}$ 21'23	
minimum elong	-3299 Jun 27 j 10:44	7° $\text{II}$ 34'11	1°44'14	superior conj		-3298 Jun 11 j 08:40	21° $\text{B}$ 56'42	1°32'47
max. Earth dist.	-3299 Jul 03 j 02:53	18° $\text{II}$ 33'52	1.37120 AU	minimum elong		-3298 Jun 11 j 06:09	21° $\text{B}$ 43'44	1°32'36
evening rise	-3299 Jul 07 j 00:16	25° $\text{II}$ 44'19				-3298 Jun 15 j 08:02	0° $\text{II}$	
	-3299 Jul 09 j 09:45	0° $\text{B}$		max. Earth dist.		-3298 Jun 15 j 12:27	0° $\text{II}$ 21'55	1.35483 AU
desc. node	-3299 Jul 25 j 11:49	25° $\text{B}$ 45'00		evening rise		-3298 Jun 19 j 20:53	8° $\text{II}$ 47'49	
	-3299 Jul 28 j 11:30	0° $\Omega$				-3298 Jul 02 j 00:04	0° $\text{B}$	
evening max el	-3299 Aug 11 j 21:37	17° $\Omega$ 32'39	25°32'43	desc. node		-3298 Jul 12 j 08:51	15° $\text{B}$ 30'43	
retrograde	-3299 Aug 24 j 00:34	24° $\Omega$ 32'19				-3298 Jul 24 j 07:11	0° $\Omega$	
evening set	-3299 Aug 30 j 01:27	21° $\Omega$ 57'40		evening max el		-3298 Jul 25 j 08:44	1° $\Omega$ 03'27	26°33'56
min. Earth dist.	-3299 Sep 03 j 09:58	17° $\Omega$ 06'20	0.66808 AU	retrograde		-3298 Aug 07 j 05:58	8° $\Omega$ 19'35	
inferior conj	-3299 Sep 04 j 12:20	15° $\Omega$ 41'11	-1°39'25	evening set		-3298 Aug 13 j 20:19	5° $\Omega$ 34'04	
minimum elong	-3299 Sep 04 j 14:41	15° $\Omega$ 33'38	1°38'25	min. Earth dist.		-3298 Aug 17 j 20:58	1° $\Omega$ 20'41	0.65966 AU
asc. node	-3299 Sep 09 j 11:53	10° $\Omega$ 12'06				-3298 Aug 18 j 23:39	30° $\text{R}$ $\text{B}$	
morning rise	-3299 Sep 10 j 04:02	9° $\Omega$ 43'24		inferior conj		-3298 Aug 19 j 11:39	29° $\text{B}$ 23'32	-2°30'14
direct	-3299 Sep 13 j 12:53	8° $\Omega$ 37'43		minimum elong		-3298 Aug 19 j 15:01	29° $\text{B}$ 13'19	2°28'58
morning max el	-3299 Sep 20 j 18:34	12° $\Omega$ 45'52	19°27'43	morning rise		-3298 Aug 25 j 10:02	23° $\text{B}$ 37'26	
	-3299 Oct 03 j 13:08	0° $\text{H}$		asc. node		-3298 Aug 27 j 08:58	22° $\text{B}$ 52'13	
morning set	-3299 Oct 14 j 19:35	17° $\text{H}$ 23'53		direct		-3298 Aug 28 j 10:34	22° $\text{B}$ 45'47	
desc. node	-3299 Oct 21 j 11:24	27° $\text{H}$ 47'50		morning max el		-3298 Sep 04 j 04:27	26° $\text{B}$ 31'03	18°40'06
	-3299 Oct 22 j 21:07	0° $\text{B}$				-3298 Sep 07 j 04:48	0° $\Omega$	
max. Earth dist.	-3299 Oct 28 j 06:12	8° $\text{B}$ 28'26	1.44442 AU	morning set		-3298 Sep 24 j 18:56	26° $\Omega$ 57'02	
						-3298 Sep 26 j 16:36	0° $\text{H}$	
superior conj	-3299 Oct 31 j 13:03	13° $\text{B}$ 41'49	-1°01'24	desc. node		-3298 Oct 08 j 08:22	18° $\text{H}$ 30'32	
minimum elong	-3299 Oct 31 j 06:14	13° $\text{B}$ 14'37	1°00'39					
	-3299 Nov 10 j 14:24	0° $\text{H}$		superior conj		-3298 Oct 10 j 13:45	22° $\text{H}$ 00'54	-0°14'10
evening rise	-3299 Nov 14 j 22:15	7° $\text{H}$ 10'22		minimum elong		-3298 Oct 10 j 11:53	21° $\text{H}$ 53'31	0°13'54
	-3299 Nov 29 j 00:46	0° $\text{H}$		behind sun begin		-3298 Oct 10 j 05:50	21° $\text{H}$ 29'42	
evening max el	-3299 Dec 04 j 02:41	6° $\text{H}$ 23'50	18°26'33	behind sun end		-3298 Oct 10 j 17:56	22° $\text{H}$ 17'21	
asc. node	-3299 Dec 06 j 10:55	8° $\text{H}$ 26'59		max. Earth dist.		-3298 Oct 10 j 23:35	22° $\text{H}$ 39'37	1.44864 AU
retrograde	-3299 Dec 10 j 16:51	10° $\text{H}$ 01'43				-3298 Oct 15 j 15:26	0° $\text{B}$	
evening set	-3299 Dec 13 j 15:38	9° $\text{H}$ 14'09		evening rise		-3298 Oct 26 j 15:09	17° $\text{B}$ 24'17	
inferior conj	-3299 Dec 19 j 15:44	3° $\text{H}$ 42'47	3°33'43			-3298 Nov 03 j 12:55	0° $\text{H}$	
minimum elong	-3299 Dec 19 j 12:55	3° $\text{H}$ 50'53	3°33'05	evening max el		-3298 Nov 17 j 13:18	19° $\text{H}$ 49'18	19°01'18
min. Earth dist.	-3299 Dec 21 j 18:33	1° $\text{H}$ 16'49	0.64196 AU	asc. node		-3298 Nov 23 j 07:59	23° $\text{H}$ 38'29	
	-3299 Dec 22 j 22:41	30° $\text{R}$ $\text{H}$		retrograde		-3298 Nov 24 j 11:17	23° $\text{H}$ 45'45	
morning rise	-3299 Dec 25 j 09:42	27° $\text{H}$ 40'02		evening set		-3298 Nov 27 j 16:03	22° $\text{H}$ 46'45	
direct	-3298 Jan 01 j 07:47	24° $\text{H}$ 49'11		inferior conj		-3298 Dec 03 j 09:26	16° $\text{H}$ 59'22	2°59'46
	-3298 Jan 12 j 02:14	0° $\text{H}$		minimum elong		-3298 Dec 03 j 06:20	17° $\text{H}$ 09'03	2°58'51
morning max el	-3298 Jan 14 j 20:17	2° $\text{H}$ 33'03	27°24'56	min. Earth dist.		-3298 Dec 04 j 21:47	15° $\text{H}$ 06'06	0.65529 AU
desc. node	-3298 Jan 17 j 10:54	5° $\text{H}$ 17'00		morning rise		-3298 Dec 08 j 20:18	10° $\text{H}$ 50'13	
	-3298 Feb 04 j 10:24	0° $\text{B}$		direct		-3298 Dec 15 j 08:36	8° $\text{H}$ 00'59	
morning set	-3298 Feb 18 j 21:55	25° $\text{B}$ 52'16		morning max el		-3298 Dec 28 j 05:54	15° $\text{H}$ 32'46	26°35'50

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3297 Jan 04 j 07:55	23° $\mathbb{M}$ 34'31		morning rise	-3297 Nov 22 j 16:23	24° $\mathbb{L}$ 13'15	
	-3297 Jan 09 j 05:15	0° $\mathbb{X}$		direct	-3297 Nov 28 j 15:02	21° $\mathbb{L}$ 36'39	
	-3297 Jan 28 j 04:54	0° $\mathbb{Z}$		morning max el	-3297 Dec 10 j 14:46	28° $\mathbb{L}$ 42'58	25°24'37
morning set	-3297 Feb 02 j 05:32	9° $\mathbb{Z}$ 14'13			-3297 Dec 11 j 20:37	0° $\mathbb{M}$	
max. Earth dist.	-3297 Feb 06 j 11:40	17° $\mathbb{Z}$ 29'38	1.34841 AU	desc. node	-3297 Dec 22 j 04:58	12° $\mathbb{M}$ 40'14	
					-3296 Jan 03 j 00:17	0° $\mathbb{X}$	
superior conj	-3297 Feb 10 j 20:39	26° $\mathbb{Z}$ 21'39	-1°18'28	morning set	-3296 Jan 15 j 20:55	21° $\mathbb{X}$ 42'32	
minimum elong	-3297 Feb 10 j 23:47	26° $\mathbb{Z}$ 37'48	1°18'06	max. Earth dist.	-3296 Jan 19 j 15:05	28° $\mathbb{X}$ 38'39	1.36472 AU
	-3297 Feb 12 j 14:46	0° $\mathbb{M}$			-3296 Jan 20 j 08:19	0° $\mathbb{Z}$	
evening rise	-3297 Feb 18 j 10:47	12° $\mathbb{M}$ 10'31					
asc. node	-3297 Feb 19 j 07:16	13° $\mathbb{M}$ 55'52		superior conj	-3296 Jan 25 j 12:36	10° $\mathbb{Z}$ 04'06	-1°37'53
	-3297 Feb 27 j 19:08	0° $\mathbb{X}$		minimum elong	-3296 Jan 25 j 15:47	10° $\mathbb{Z}$ 19'56	1°37'41
evening max el	-3297 Mar 09 j 18:00	13° $\mathbb{X}$ 13'23	20°58'25	evening rise	-3296 Feb 02 j 15:23	26° $\mathbb{Z}$ 29'04	
retrograde	-3297 Mar 21 j 05:14	18° $\mathbb{X}$ 42'17			-3296 Feb 04 j 09:25	0° $\mathbb{M}$	
evening set	-3297 Mar 23 j 13:51	18° $\mathbb{X}$ 29'15		asc. node	-3296 Feb 06 j 04:17	3° $\mathbb{M}$ 30'50	
inferior conj	-3297 Apr 01 j 18:48	14° $\mathbb{X}$ 31'17	0°08'27	evening max el	-3296 Feb 20 j 05:13	24° $\mathbb{M}$ 50'43	19°46'31
minimum elong	-3297 Apr 01 j 19:11	14° $\mathbb{X}$ 30'43	0°08'17	retrograde	-3296 Feb 29 j 23:28	29° $\mathbb{M}$ 29'03	
transit middle	-3297 Apr 01 j 19:11	14° $\mathbb{X}$ 30'43	0°08'17	evening set	-3296 Mar 03 j 06:18	29° $\mathbb{M}$ 14'57	
transit begin	-3297 Apr 01 j 15:42	14° $\mathbb{X}$ 35'41		inferior conj	-3296 Mar 11 j 20:44	25° $\mathbb{M}$ 12'34	1°56'44
transit end	-3297 Apr 01 j 22:40	14° $\mathbb{X}$ 25'45		minimum elong	-3296 Mar 12 j 01:08	25° $\mathbb{M}$ 05'40	1°55'20
desc. node	-3297 Apr 02 j 06:55	14° $\mathbb{X}$ 14'00		min. Earth dist.	-3296 Mar 14 j 05:50	23° $\mathbb{M}$ 43'45	0.55956 AU
min. Earth dist.	-3297 Apr 02 j 15:34	14° $\mathbb{X}$ 01'42	0.55184 AU	desc. node	-3296 Mar 19 j 04:02	21° $\mathbb{M}$ 09'05	
morning rise	-3297 Apr 10 j 23:49	10° $\mathbb{X}$ 21'26		morning rise	-3296 Mar 20 j 17:37	20° $\mathbb{M}$ 35'35	
direct	-3297 Apr 14 j 03:59	9° $\mathbb{X}$ 59'28		direct	-3296 Mar 24 j 22:28	19° $\mathbb{M}$ 56'17	
morning max el	-3297 Apr 27 j 04:17	16° $\mathbb{X}$ 16'35	22°37'43	morning max el	-3296 Apr 07 j 20:26	26° $\mathbb{M}$ 54'50	24°17'12
	-3297 May 07 j 22:23	0° $\mathbb{Y}$			-3296 Apr 10 j 19:46	0° $\mathbb{X}$	
asc. node	-3297 May 18 j 06:47	19° $\mathbb{Y}$ 10'14			-3296 Apr 29 j 17:41	0° $\mathbb{Y}$	
morning set	-3297 May 19 j 07:09	21° $\mathbb{Y}$ 16'32		morning set	-3296 May 02 j 19:13	6° $\mathbb{Y}$ 17'55	
	-3297 May 23 j 10:05	0° $\mathbb{Z}$		asc. node	-3296 May 04 j 03:48	9° $\mathbb{Y}$ 10'12	
superior conj	-3297 May 26 j 12:09	6° $\mathbb{Z}$ 34'12	1°16'21	superior conj	-3296 May 09 j 20:20	21° $\mathbb{Y}$ 26'31	0°56'17
minimum elong	-3297 May 26 j 09:31	6° $\mathbb{Z}$ 20'17	1°16'02	minimum elong	-3296 May 09 j 18:07	21° $\mathbb{Y}$ 14'33	0°55'55
max. Earth dist.	-3297 May 29 j 08:05	12° $\mathbb{Z}$ 30'40	1.34204 AU	max. Earth dist.	-3296 May 11 j 12:56	25° $\mathbb{Y}$ 04'59	1.33297 AU
evening rise	-3297 Jun 03 j 07:56	22° $\mathbb{Z}$ 36'29			-3296 May 13 j 20:30	0° $\mathbb{Z}$	
	-3297 Jun 07 j 04:43	0° $\mathbb{II}$		evening rise	-3296 May 17 j 05:13	6° $\mathbb{Z}$ 56'40	
	-3297 Jun 25 j 16:51	0° $\mathbb{L}$			-3296 May 29 j 17:28	0° $\mathbb{II}$	
desc. node	-3297 Jun 29 j 05:53	4° $\mathbb{L}$ 42'35		desc. node	-3296 Jun 15 j 02:57	23° $\mathbb{II}$ 05'43	
evening max el	-3297 Jul 07 j 20:15	14° $\mathbb{L}$ 25'42	27°13'37	evening max el	-3296 Jun 19 j 06:16	27° $\mathbb{II}$ 26'00	27°25'05
retrograde	-3297 Jul 21 j 05:58	21° $\mathbb{L}$ 48'03			-3296 Jun 22 j 03:51	0° $\mathbb{L}$	
evening set	-3297 Jul 28 j 06:17	19° $\mathbb{L}$ 01'09		retrograde	-3296 Jul 02 j 23:49	4° $\mathbb{L}$ 48'31	
min. Earth dist.	-3297 Aug 01 j 00:18	15° $\mathbb{L}$ 24'49	0.64755 AU	evening set	-3296 Jul 10 j 03:56	2° $\mathbb{L}$ 12'39	
inferior conj	-3297 Aug 03 j 04:26	12° $\mathbb{L}$ 59'50	-3°16'13		-3296 Jul 12 j 20:04	30° $\mathbb{R}$ $\mathbb{II}$	
minimum elong	-3297 Aug 03 j 08:21	12° $\mathbb{L}$ 48'53	3°15'02	min. Earth dist.	-3296 Jul 13 j 18:02	29° $\mathbb{II}$ 08'03	0.63178 AU
morning rise	-3297 Aug 09 j 11:00	7° $\mathbb{L}$ 28'40		inferior conj	-3296 Jul 16 j 11:55	26° $\mathbb{II}$ 23'30	-3°54'02
direct	-3297 Aug 12 j 05:39	6° $\mathbb{L}$ 47'44		minimum elong	-3296 Jul 16 j 15:33	26° $\mathbb{II}$ 14'23	3°53'14
asc. node	-3297 Aug 14 j 06:03	7° $\mathbb{L}$ 09'15		morning rise	-3296 Jul 23 j 04:08	21° $\mathbb{II}$ 10'32	
morning max el	-3297 Aug 18 j 18:12	10° $\mathbb{L}$ 18'20	18°09'15	direct	-3296 Jul 25 j 19:07	20° $\mathbb{II}$ 37'41	
	-3297 Sep 01 j 05:34	0° $\mathbb{O}$		asc. node	-3296 Jul 31 j 03:08	22° $\mathbb{II}$ 53'37	
morning set	-3297 Sep 05 j 22:04	7° $\mathbb{O}$ 51'09		morning max el	-3296 Aug 01 j 09:13	24° $\mathbb{II}$ 01'58	17°56'09
	-3297 Sep 19 j 09:37	0° $\mathbb{P}$			-3296 Aug 06 j 04:23	0° $\mathbb{L}$	
superior conj	-3297 Sep 19 j 19:03	0° $\mathbb{P}$ 37'52	0°34'19	morning set	-3296 Aug 18 j 01:27	19° $\mathbb{L}$ 54'23	
minimum elong	-3297 Sep 19 j 23:02	0° $\mathbb{P}$ 53'47	0°33'51		-3296 Aug 23 j 20:18	0° $\mathbb{O}$	
max. Earth dist.	-3297 Sep 23 j 17:32	6° $\mathbb{P}$ 54'16	1.44558 AU	superior conj	-3296 Aug 29 j 23:11	10° $\mathbb{O}$ 23'13	1°12'45
desc. node	-3297 Sep 25 j 05:20	9° $\mathbb{P}$ 15'47		minimum elong	-3296 Aug 30 j 04:50	10° $\mathbb{O}$ 46'46	1°12'13
evening rise	-3297 Oct 06 j 08:39	26° $\mathbb{P}$ 39'41		max. Earth dist.	-3296 Sep 05 j 09:03	20° $\mathbb{O}$ 54'00	1.43569 AU
	-3297 Oct 08 j 12:24	0° $\mathbb{L}$		desc. node	-3296 Sep 11 j 02:19	29° $\mathbb{O}$ 59'58	
greatest brilliancy	-3297 Oct 19 j 09:20	16° $\mathbb{L}$ 37'27	-0.7m		-3296 Sep 11 j 02:19	0° $\mathbb{P}$	
	-3297 Oct 28 j 22:50	0° $\mathbb{M}$		evening rise	-3296 Sep 14 j 13:26	5° $\mathbb{P}$ 24'07	
evening max el	-3297 Oct 31 j 19:52	3° $\mathbb{M}$ 16'38	19°52'05		-3296 Sep 30 j 22:34	0° $\mathbb{L}$	
retrograde	-3297 Nov 08 j 08:12	7° $\mathbb{M}$ 39'44		evening max el	-3296 Oct 13 j 20:43	16° $\mathbb{L}$ 43'07	20°56'42
asc. node	-3297 Nov 10 j 05:03	7° $\mathbb{M}$ 19'31		retrograde	-3296 Oct 22 j 05:21	21° $\mathbb{L}$ 40'00	
evening set	-3297 Nov 11 j 21:02	6° $\mathbb{M}$ 26'50		evening set	-3296 Oct 26 j 04:25	20° $\mathbb{L}$ 10'44	
inferior conj	-3297 Nov 17 j 09:34	0° $\mathbb{M}$ 26'23	2°17'37	asc. node	-3296 Oct 27 j 02:09	19° $\mathbb{L}$ 25'07	
minimum elong	-3297 Nov 17 j 06:49	0° $\mathbb{M}$ 35'28	2°16'37	inferior conj	-3296 Oct 31 j 13:46	14° $\mathbb{L}$ 00'27	1°29'48
	-3297 Nov 17 j 17:33	30° $\mathbb{R}$ $\mathbb{L}$		minimum elong	-3296 Oct 31 j 11:49	14° $\mathbb{L}$ 07'08	1°29'00
min. Earth dist.	-3297 Nov 18 j 08:47	29° $\mathbb{L}$ 09'46	0.66499 AU	min. Earth dist.	-3296 Nov 01 j 01:20	13° $\mathbb{L}$ 20'59	0.67119 AU



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3296 Nov 05 j 19:03	7° $\Omega$ 45'38	direct	-3295 Oct 25 j 18:12	19° $\Pi$ 30'01	
direct	-3296 Nov 11 j 02:25	5° $\Omega$ 28'16	morning max el	-3295 Nov 04 j 10:33	25° $\Pi$ 15'45	22°34'22
morning max el	-3296 Nov 21 j 23:31	11° $\Omega$ 57'32 24°01'01		-3295 Nov 08 j 16:27	0° $\Omega$	
	-3296 Dec 06 j 10:40	0° $\Pi$	desc. node	-3295 Nov 24 j 22:58	22° $\Omega$ 23'04	
desc. node	-3296 Dec 08 j 01:59	2° $\Pi$ 19'47		-3295 Nov 29 j 23:30	0° $\Pi$	
	-3296 Dec 25 j 19:33	0° $\mathcal{A}$	morning set	-3295 Dec 08 j 03:22	12° $\Pi$ 56'32	
morning set	-3296 Dec 27 j 14:05	3° $\mathcal{A}$ 01'10	max. Earth dist.	-3295 Dec 13 j 08:38	21° $\Pi$ 37'40	1.40511 AU
max. Earth dist.	-3296 Dec 31 j 11:44	9° $\mathcal{A}$ 50'48 1.38435 AU		-3295 Dec 18 j 04:45	0° $\mathcal{A}$	
superior conj	-3295 Jan 07 j 16:23	23° $\mathcal{A}$ 06'01 -1°51'28	superior conj	-3295 Dec 21 j 03:07	5° $\mathcal{A}$ 13'51 -1°56'05	
minimum elong	-3295 Jan 07 j 18:33	23° $\mathcal{A}$ 16'17 1°51'29	minimum elong	-3295 Dec 21 j 02:45	5° $\mathcal{A}$ 12'12 1°56'11	
	-3295 Jan 11 j 06:25	0° $\mathcal{B}$	evening rise	-3295 Dec 31 j 01:38	23° $\mathcal{A}$ 42'01	
evening rise	-3295 Jan 16 j 13:21	10° $\mathcal{B}$ 22'20		-3294 Jan 03 j 10:13	0° $\mathcal{B}$	
asc. node	-3295 Jan 23 j 01:20	22° $\mathcal{B}$ 42'44	asc. node	-3294 Jan 09 j 22:23	11° $\mathcal{B}$ 23'03	
	-3295 Jan 27 j 10:39	0° $\approx$	evening max el	-3294 Jan 16 j 07:49	19° $\mathcal{B}$ 45'17 18°20'58	
evening max el	-3295 Feb 02 j 02:35	7° $\approx$ 03'44 18°53'42	retrograde	-3294 Jan 23 j 14:38	23° $\mathcal{B}$ 21'50	
retrograde	-3295 Feb 10 j 09:48	11° $\approx$ 03'31	evening set	-3294 Jan 26 j 03:48	22° $\mathcal{B}$ 56'30	
evening set	-3295 Feb 12 j 19:33	10° $\approx$ 44'45	inferior conj	-3294 Feb 02 j 08:22	18° $\mathcal{B}$ 17'28 3°51'53	
inferior conj	-3295 Feb 20 j 16:16	6° $\approx$ 26'14 3°12'45	minimum elong	-3294 Feb 02 j 10:27	18° $\mathcal{B}$ 13'04 3°51'35	
minimum elong	-3295 Feb 20 j 20:45	6° $\approx$ 18'08 3°11'44	min. Earth dist.	-3294 Feb 05 j 17:27	15° $\mathcal{B}$ 28'19 0.59399 AU	
min. Earth dist.	-3295 Feb 23 j 21:37	4° $\approx$ 07'42 0.57466 AU	morning rise	-3294 Feb 09 j 15:03	12° $\mathcal{B}$ 46'34	
morning rise	-3295 Feb 28 j 19:20	1° $\approx$ 19'01	direct	-3294 Feb 16 j 01:08	10° $\mathcal{B}$ 56'47	
direct	-3295 Mar 06 j 05:27	0° $\approx$ 08'27	desc. node	-3294 Feb 20 j 22:15	11° $\mathcal{B}$ 56'55	
desc. node	-3295 Mar 06 j 01:09	0° $\approx$ 08'31	morning max el	-3294 Mar 02 j 07:20	18° $\mathcal{B}$ 34'39 27°00'19	
morning max el	-3295 Mar 20 j 11:45	7° $\approx$ 32'30 25°49'45		-3294 Mar 11 j 22:19	0° $\approx$	
	-3295 Apr 06 j 03:20	0° $\mathcal{H}$		-3294 Mar 29 j 15:43	0° $\mathcal{H}$	
morning set	-3295 Apr 17 j 07:10	21° $\mathcal{H}$ 19'47	morning set	-3294 Apr 01 j 17:10	6° $\mathcal{H}$ 14'25	
asc. node	-3295 Apr 21 j 00:50	29° $\mathcal{H}$ 19'19	asc. node	-3294 Apr 07 j 21:51	19° $\mathcal{H}$ 32'14	
	-3295 Apr 21 j 08:20	0° $\mathcal{Y}$				
superior conj	-3295 Apr 24 j 07:15	6° $\mathcal{Y}$ 26'58 0°33'38	superior conj	-3294 Apr 08 j 19:01	21° $\mathcal{H}$ 28'06 0°09'15	
minimum elong	-3295 Apr 24 j 05:49	6° $\mathcal{Y}$ 19'08 0°33'21	minimum elong	-3294 Apr 08 j 18:37	21° $\mathcal{H}$ 25'50 0°09'09	
max. Earth dist.	-3295 Apr 24 j 23:56	7° $\mathcal{Y}$ 58'05 1.32743 AU	behind sun begin	-3294 Apr 08 j 14:30	21° $\mathcal{H}$ 03'22	
evening rise	-3295 May 01 j 09:32	21° $\mathcal{Y}$ 38'07	behind sun end	-3294 Apr 08 j 22:43	21° $\mathcal{H}$ 48'18	
	-3295 May 05 j 13:33	0° $\mathcal{B}$	max. Earth dist.	-3294 Apr 08 j 13:14	20° $\mathcal{H}$ 56'22 1.32530 AU	
	-3295 May 23 j 21:34	0° $\Pi$		-3294 Apr 12 j 16:53	0° $\mathcal{Y}$	
evening max el	-3295 Jun 01 j 12:08	9° $\Pi$ 51'36 27°04'15	evening rise	-3294 Apr 15 j 18:15	6° $\mathcal{Y}$ 30'59	
desc. node	-3295 Jun 02 j 00:01	10° $\Pi$ 19'37		-3294 Apr 28 j 04:44	0° $\mathcal{B}$	
retrograde	-3295 Jun 15 j 10:53	17° $\Pi$ 12'23	evening max el	-3294 May 14 j 11:50	21° $\mathcal{B}$ 34'21 26°11'21	
evening set	-3295 Jun 22 j 09:14	15° $\Pi$ 01'27	desc. node	-3294 May 19 j 21:06	25° $\mathcal{B}$ 55'05	
min. Earth dist.	-3295 Jun 26 j 01:41	12° $\Pi$ 16'52 0.61288 AU	retrograde	-3294 May 28 j 13:52	28° $\mathcal{B}$ 51'31	
inferior conj	-3295 Jun 29 j 06:52	9° $\Pi$ 27'02 -4°18'29	evening set	-3294 Jun 03 j 18:06	27° $\mathcal{B}$ 16'59	
minimum elong	-3295 Jun 29 j 08:53	9° $\Pi$ 22'34 4°18'13	min. Earth dist.	-3294 Jun 08 j 00:40	24° $\mathcal{B}$ 35'33 0.59236 AU	
morning rise	-3295 Jul 06 j 10:09	4° $\Pi$ 35'03	inferior conj	-3294 Jun 11 j 09:34	22° $\mathcal{B}$ 00'47 -4°21'50	
direct	-3295 Jul 08 j 23:12	4° $\Pi$ 08'22	minimum elong	-3294 Jun 11 j 08:28	22° $\mathcal{B}$ 02'56 4°21'42	
morning max el	-3295 Jul 15 j 22:47	7° $\Pi$ 35'53 18°01'44	morning rise	-3294 Jun 19 j 01:17	17° $\mathcal{B}$ 30'46	
asc. node	-3295 Jul 18 j 00:14	9° $\Pi$ 50'29	direct	-3294 Jun 21 j 13:29	17° $\mathcal{B}$ 08'59	
	-3295 Jul 30 j 10:08	0° $\mathcal{E}$	morning max el	-3294 Jun 29 j 07:56	20° $\mathcal{B}$ 51'29 18°26'58	
morning set	-3295 Jul 31 j 23:30	2° $\mathcal{E}$ 51'41	asc. node	-3294 Jul 04 j 21:18	27° $\mathcal{B}$ 44'10	
				-3294 Jul 06 j 08:19	0° $\Pi$	
superior conj	-3295 Aug 11 j 07:04	21° $\mathcal{E}$ 31'24 1°36'51	morning set	-3294 Jul 15 j 11:17	16° $\Pi$ 30'14	
minimum elong	-3295 Aug 11 j 10:58	21° $\mathcal{E}$ 48'29 1°36'41		-3294 Jul 22 j 13:05	0° $\mathcal{E}$	
	-3295 Aug 16 j 05:05	0° $\mathcal{Q}$	superior conj	-3294 Jul 24 j 14:46	3° $\mathcal{E}$ 51'27 1°47'40	
max. Earth dist.	-3295 Aug 18 j 19:10	4° $\mathcal{Q}$ 20'15 1.42028 AU	minimum elong	-3294 Jul 24 j 16:01	3° $\mathcal{E}$ 57'16 1°47'46	
evening rise	-3295 Aug 25 j 00:48	14° $\mathcal{Q}$ 28'31	max. Earth dist.	-3294 Jul 31 j 23:21	17° $\mathcal{E}$ 02'19 1.40148 AU	
desc. node	-3295 Aug 28 j 23:18	20° $\mathcal{Q}$ 40'02	evening rise	-3294 Aug 05 j 10:17	24° $\mathcal{E}$ 36'29	
	-3295 Sep 04 j 02:06	0° $\mathcal{P}$		-3294 Aug 08 j 17:07	0° $\mathcal{Q}$	
	-3295 Sep 26 j 12:00	0° $\mathcal{E}$	desc. node	-3294 Aug 15 j 20:17	11° $\mathcal{Q}$ 12'22	
evening max el	-3295 Sep 26 j 15:21	0° $\mathcal{E}$ 08'33 22°11'38		-3294 Aug 28 j 21:36	0° $\mathcal{P}$	
retrograde	-3295 Oct 06 j 01:00	5° $\mathcal{E}$ 43'57	evening max el	-3294 Sep 09 j 05:02	13° $\mathcal{P}$ 35'33 23°31'57	
evening set	-3295 Oct 10 j 12:21	3° $\mathcal{E}$ 56'18	retrograde	-3294 Sep 19 j 17:44	19° $\mathcal{P}$ 49'02	
asc. node	-3295 Oct 13 j 23:17	0° $\mathcal{E}$ 11'29	evening set	-3294 Sep 24 j 19:02	17° $\mathcal{P}$ 42'12	
	-3295 Oct 14 j 02:47	30° $\mathcal{R}$ $\mathcal{P}$	min. Earth dist.	-3294 Sep 29 j 17:31	11° $\mathcal{P}$ 54'22 0.67427 AU	
inferior conj	-3295 Oct 15 j 20:05	27° $\mathcal{P}$ 39'39 0°38'18	inferior conj	-3294 Sep 30 j 02:44	11° $\mathcal{P}$ 22'51 -0°15'09	
minimum elong	-3295 Oct 15 j 19:12	27° $\mathcal{P}$ 42'42 0°37'55	minimum elong	-3294 Sep 30 j 03:05	11° $\mathcal{P}$ 21'38 0°14'58	
min. Earth dist.	-3295 Oct 15 j 21:04	27° $\mathcal{P}$ 36'16 0.67423 AU	transit middle	-3294 Sep 30 j 03:05	11° $\mathcal{P}$ 21'38 0°14'58	
morning rise	-3295 Oct 21 j 01:57	21° $\mathcal{P}$ 25'42	transit begin	-3294 Sep 30 j 02:00	11° $\mathcal{P}$ 25'21	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

transit end	-3294 Sep 30 j 04:10	11° $\mathbb{M}$ 17'55			-3293 Sep 10 j 10:04	30° $\mathbb{R}$ $\mathcal{O}$	
asc. node	-3294 Sep 30 j 20:23	10° $\mathbb{M}$ 22'39		min. Earth dist.	-3293 Sep 13 j 12:12	26° $\mathcal{O}$ 13'13	0.67129 AU
morning rise	-3294 Oct 05 j 11:03	5° $\mathbb{M}$ 12'34		inferior conj	-3293 Sep 14 j 07:58	25° $\mathcal{O}$ 07'38	-1°08'58
direct	-3294 Oct 09 j 13:33	3° $\mathbb{M}$ 38'07		minimum elong	-3293 Sep 14 j 09:36	25° $\mathcal{O}$ 02'13	1°08'13
morning max el	-3294 Oct 18 j 02:58	8° $\mathbb{M}$ 40'41	21°12'49	asc. node	-3293 Sep 17 j 17:27	20° $\mathcal{O}$ 57'05	
	-3294 Nov 03 j 08:17	0° $\mathcal{O}$		morning rise	-3293 Sep 19 j 20:29	19° $\mathcal{O}$ 04'13	
desc. node	-3294 Nov 11 j 19:56	12° $\mathcal{O}$ 43'25		direct	-3293 Sep 23 j 11:12	17° $\mathcal{O}$ 48'45	
morning set	-3294 Nov 17 j 13:26	21° $\mathcal{O}$ 36'04		morning max el	-3293 Oct 01 j 02:33	22° $\mathcal{O}$ 14'12	20°02'01
	-3294 Nov 22 j 20:11	0° $\mathbb{M}$			-3293 Oct 07 j 11:54	0° $\mathbb{M}$	
max. Earth dist.	-3294 Nov 25 j 11:28	4° $\mathbb{M}$ 16'54	1.42415 AU	morning set	-3293 Oct 27 j 11:07	29° $\mathbb{M}$ 46'42	
					-3293 Oct 27 j 14:33	0° $\mathcal{O}$	
superior conj	-3294 Dec 02 j 15:12	16° $\mathbb{M}$ 14'34	-1°47'52	desc. node	-3293 Oct 29 j 16:53	3° $\mathcal{O}$ 15'23	
minimum elong	-3294 Dec 02 j 11:01	15° $\mathbb{M}$ 56'40	1°47'42	max. Earth dist.	-3293 Nov 07 j 21:56	17° $\mathcal{O}$ 45'46	1.43884 AU
	-3294 Dec 10 j 11:54	0° $\mathcal{O}$					
evening rise	-3294 Dec 14 j 00:35	6° $\mathcal{O}$ 20'25		superior conj	-3293 Nov 13 j 00:09	25° $\mathcal{O}$ 58'26	-1°23'15
asc. node	-3294 Dec 27 j 19:26	29° $\mathcal{O}$ 22'06		minimum elong	-3293 Nov 12 j 17:01	25° $\mathcal{O}$ 29'24	1°22'36
	-3294 Dec 28 j 07:09	0° $\mathcal{O}$			-3293 Nov 15 j 11:10	0° $\mathbb{M}$	
evening max el	-3294 Dec 30 j 18:10	2° $\mathcal{O}$ 47'46	18°08'10	evening rise	-3293 Nov 26 j 05:48	18° $\mathbb{M}$ 08'36	
retrograde	-3293 Jan 06 j 11:14	6° $\mathcal{O}$ 15'17			-3293 Dec 03 j 04:16	0° $\mathcal{O}$	
evening set	-3293 Jan 09 j 03:43	5° $\mathcal{O}$ 42'10		evening max el	-3293 Dec 14 j 06:42	16° $\mathcal{O}$ 03'14	18°14'35
inferior conj	-3293 Jan 15 j 19:04	0° $\mathcal{O}$ 41'49	4°00'48	asc. node	-3293 Dec 14 j 16:29	16° $\mathcal{O}$ 27'25	
minimum elong	-3293 Jan 15 j 18:33	0° $\mathcal{O}$ 43'04	4°00'40	retrograde	-3293 Dec 20 j 19:26	19° $\mathcal{O}$ 34'01	
	-3293 Jan 16 j 12:17	30° $\mathbb{R}$ $\mathcal{O}$		evening set	-3293 Dec 23 j 15:41	18° $\mathcal{O}$ 52'01	
min. Earth dist.	-3293 Jan 18 j 20:12	27° $\mathcal{O}$ 46'14	0.61423 AU	inferior conj	-3293 Dec 29 j 20:37	13° $\mathcal{O}$ 31'18	3°48'04
morning rise	-3293 Jan 22 j 08:07	24° $\mathcal{O}$ 55'07		minimum elong	-3293 Dec 29 j 18:21	13° $\mathcal{O}$ 37'26	3°47'40
direct	-3293 Jan 29 j 07:20	22° $\mathcal{O}$ 30'42		min. Earth dist.	-3292 Jan 01 j 08:02	10° $\mathcal{O}$ 50'28	0.63276 AU
desc. node	-3293 Feb 07 j 19:19	26° $\mathcal{O}$ 17'52		morning rise	-3292 Jan 04 j 20:21	7° $\mathcal{O}$ 33'45	
	-3293 Feb 12 j 02:51	0° $\mathcal{O}$		direct	-3292 Jan 11 j 21:33	4° $\mathcal{O}$ 48'10	
morning max el	-3293 Feb 12 j 09:01	0° $\mathcal{O}$ 15'03	27°38'11	morning max el	-3292 Jan 25 j 15:42	12° $\mathcal{O}$ 33'26	27°39'46
	-3293 Mar 05 j 21:51	0° $\mathcal{O}$		desc. node	-3292 Jan 25 j 16:21	12° $\mathcal{O}$ 35'02	
morning set	-3293 Mar 16 j 23:17	20° $\mathcal{O}$ 54'54			-3292 Feb 08 j 15:34	0° $\mathcal{O}$	
	-3293 Mar 21 j 07:02	0° $\mathcal{O}$			-3292 Feb 26 j 07:35	0° $\mathcal{O}$	
max. Earth dist.	-3293 Mar 23 j 01:06	3° $\mathcal{O}$ 46'56	1.32666 AU	morning set	-3292 Feb 28 j 23:13	5° $\mathcal{O}$ 33'03	
				max. Earth dist.	-3292 Mar 05 j 07:45	16° $\mathcal{O}$ 16'24	1.33174 AU
superior conj	-3293 Mar 24 j 06:01	6° $\mathcal{O}$ 24'03	-0°16'03				
minimum elong	-3293 Mar 24 j 06:44	6° $\mathcal{O}$ 28'01	0°15'56	superior conj	-3292 Mar 07 j 14:31	21° $\mathcal{O}$ 08'39	-0°41'20
asc. node	-3293 Mar 25 j 18:51	9° $\mathcal{O}$ 44'53		minimum elong	-3292 Mar 07 j 16:22	21° $\mathcal{O}$ 18'36	0°41'02
evening rise	-3293 Mar 31 j 05:21	21° $\mathcal{O}$ 28'07		asc. node	-3292 Mar 11 j 15:51	29° $\mathcal{O}$ 53'14	
	-3293 Apr 04 j 09:25	0° $\mathcal{O}$			-3292 Mar 11 j 17:07	0° $\mathcal{O}$	
	-3293 Apr 23 j 16:12	0° $\mathcal{O}$		evening rise	-3292 Mar 14 j 16:59	6° $\mathcal{O}$ 22'54	
evening max el	-3293 Apr 26 j 05:47	2° $\mathcal{O}$ 38'17	24°52'29		-3292 Mar 27 j 08:55	0° $\mathcal{O}$	
desc. node	-3293 May 06 j 18:13	9° $\mathcal{O}$ 16'12		evening max el	-3292 Apr 06 j 21:38	13° $\mathcal{O}$ 21'22	23°19'44
retrograde	-3293 May 10 j 06:12	9° $\mathcal{O}$ 44'37		retrograde	-3292 Apr 20 j 09:36	20° $\mathcal{O}$ 02'40	
evening set	-3293 May 15 j 05:09	8° $\mathcal{O}$ 48'26		desc. node	-3292 Apr 22 j 15:17	19° $\mathcal{O}$ 51'34	
min. Earth dist.	-3293 May 20 j 17:56	5° $\mathcal{O}$ 53'55	0.57310 AU	evening set	-3292 Apr 24 j 00:18	19° $\mathcal{O}$ 34'06	
inferior conj	-3293 May 23 j 16:57	3° $\mathcal{O}$ 56'02	-3°53'35	min. Earth dist.	-3292 May 01 j 08:21	16° $\mathcal{O}$ 14'50	0.55849 AU
minimum elong	-3293 May 23 j 12:10	4° $\mathcal{O}$ 04'02	3°52'44	inferior conj	-3292 May 03 j 04:39	15° $\mathcal{O}$ 09'28	-2°44'54
	-3293 May 31 j 01:15	30° $\mathbb{R}$ $\mathcal{O}$		minimum elong	-3292 May 02 j 22:33	15° $\mathcal{O}$ 18'30	2°43'11
morning rise	-3293 May 31 j 22:13	29° $\mathcal{O}$ 45'41		morning rise	-3292 May 11 j 23:24	11° $\mathcal{O}$ 11'39	
direct	-3293 Jun 03 j 10:10	29° $\mathcal{O}$ 27'41		direct	-3292 May 14 j 12:30	10° $\mathcal{O}$ 55'45	
	-3293 Jun 06 j 16:07	0° $\mathcal{O}$		morning max el	-3292 May 25 j 01:40	15° $\mathcal{O}$ 49'52	20°18'33
morning max el	-3293 Jun 12 j 09:42	3° $\mathcal{O}$ 38'59	19°12'34		-3292 Jun 04 j 13:52	0° $\mathcal{O}$	
asc. node	-3293 Jun 21 j 18:20	16° $\mathcal{O}$ 21'26		asc. node	-3292 Jun 07 j 15:21	5° $\mathcal{O}$ 32'05	
morning set	-3293 Jun 29 j 08:51	0° $\mathbb{I}$ 39'45		morning set	-3292 Jun 12 j 13:17	15° $\mathcal{O}$ 12'52	
	-3293 Jun 29 j 00:49	0° $\mathbb{I}$			-3292 Jun 19 j 18:38	0° $\mathbb{I}$	
superior conj	-3293 Jul 07 j 16:25	17° $\mathbb{I}$ 06'29	1°47'53	superior conj	-3292 Jun 20 j 07:04	1° $\mathbb{I}$ 02'50	1°40'05
minimum elong	-3293 Jul 07 j 15:32	17° $\mathbb{I}$ 02'15	1°47'58	minimum elong	-3292 Jun 20 j 04:55	0° $\mathbb{I}$ 51'59	1°40'00
max. Earth dist.	-3293 Jul 14 j 01:10	29° $\mathbb{I}$ 06'03	1.38190 AU	max. Earth dist.	-3292 Jun 25 j 06:46	10° $\mathbb{I}$ 54'19	1.36390 AU
	-3293 Jul 14 j 13:01	0° $\mathcal{O}$		evening rise	-3292 Jun 29 j 07:54	18° $\mathbb{I}$ 31'59	
evening rise	-3293 Jul 17 j 21:47	6° $\mathcal{O}$ 00'15			-3292 Jul 05 j 19:20	0° $\mathcal{O}$	
	-3293 Aug 01 j 16:40	0° $\mathcal{O}$		desc. node	-3292 Jul 19 j 14:21	21° $\mathcal{O}$ 32'33	
desc. node	-3293 Aug 02 j 17:18	1° $\mathcal{O}$ 31'53			-3292 Jul 25 j 20:03	0° $\mathcal{O}$	
evening max el	-3293 Aug 22 j 16:17	27° $\mathcal{O}$ 06'00	24°51'00	evening max el	-3292 Aug 04 j 03:19	10° $\mathcal{O}$ 38'58	26°00'54
	-3293 Aug 25 j 21:09	0° $\mathbb{M}$		retrograde	-3292 Aug 16 j 14:32	17° $\mathcal{O}$ 46'06	
retrograde	-3293 Sep 03 j 06:28	3° $\mathbb{M}$ 51'14		evening set	-3292 Aug 22 j 21:28	15° $\mathcal{O}$ 06'08	
evening set	-3293 Sep 08 j 22:43	1° $\mathbb{M}$ 26'03		min. Earth dist.	-3292 Aug 27 j 02:39	10° $\mathcal{O}$ 30'48	0.66501 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3292 Aug 28 j 10:01	8°Ω52'01	-2°01'24			-3291 Aug 04 j 15:30	30°κϢ	
minimum elong	-3292 Aug 28 j 12:50	8°Ω43'09	2°00'14	evening set		-3291 Aug 06 j 12:55	28°Ϣ38'47	
morning rise	-3292 Sep 03 j 04:22	2°Ω58'44		min. Earth dist.		-3291 Aug 10 j 10:30	24°Ϣ41'47	0.65507 AU
asc. node	-3292 Sep 03 j 14:31	2°Ω44'08		inferior conj		-3291 Aug 12 j 06:51	22°Ϣ32'02	-2°50'29
direct	-3292 Sep 06 j 09:30	1°Ω59'15		minimum elong		-3291 Aug 12 j 10:32	22°Ϣ21'15	2°49'13
morning max el	-3292 Sep 13 j 09:09	5°Ω56'13	19°05'26	morning rise		-3291 Aug 18 j 08:34	16°Ϣ52'08	
	-3292 Sep 30 j 08:35	0°൬		direct		-3291 Aug 21 j 06:23	16°Ϣ05'22	
morning set	-3292 Oct 05 j 20:25	8°൬37'52		asc. node		-3291 Aug 21 j 11:36	16°Ϣ05'38	
desc. node	-3292 Oct 15 j 13:52	23°൬55'16		morning max el		-3291 Aug 27 j 21:04	19°Ϣ43'00	18°24'52
	-3292 Oct 19 j 10:34	0°Ϣ				-3291 Sep 04 j 15:51	0°Ω	
max. Earth dist.	-3292 Oct 20 j 14:14	1°Ϣ49'02	1.44720 AU	morning set		-3291 Sep 16 j 07:38	18°Ω45'55	
						-3291 Sep 23 j 05:55	0°൬	
superior conj	-3292 Oct 22 j 08:32	4°Ϣ36'07	-0°42'21					
minimum elong	-3292 Oct 22 j 03:15	4°Ϣ15'14	0°41'41	superior conj		-3291 Oct 01 j 08:17	12°൬54'26	0°07'06
evening rise	-3292 Nov 06 j 12:54	28°Ϣ58'56		minimum elong		-3291 Oct 01 j 09:13	12°൬58'05	0°07'00
	-3292 Nov 07 j 03:52	0°൬		behind sun begin		-3291 Sep 30 j 22:58	12°൬17'35	
evening max el	-3292 Nov 26 j 18:43	29°൬26'11	18°39'15	behind sun end		-3291 Oct 01 j 19:27	13°൬38'33	
	-3292 Nov 27 j 08:17	0°Ϣ		desc. node		-3291 Oct 02 j 10:52	14°൬39'26	
asc. node	-3292 Nov 30 j 13:32	2°Ϣ24'54		max. Earth dist.		-3291 Oct 03 j 08:42	16°൬05'30	1.44824 AU
retrograde	-3292 Dec 03 j 11:12	3°Ϣ10'40				-3291 Oct 12 j 05:07	0°Ϣ	
evening set	-3292 Dec 06 j 12:24	2°Ϣ18'18		evening rise		-3291 Oct 17 j 19:22	8°Ϣ46'52	
	-3292 Dec 09 j 09:51	30°κ൬		greatest brilliancy		-3291 Oct 28 j 03:04	24°Ϣ55'16	-0.8m
inferior conj	-3292 Dec 12 j 09:22	26°൬39'35	3°20'29			-3291 Oct 31 j 11:03	0°൬	
minimum elong	-3292 Dec 12 j 06:21	26°൬48'37	3°19'43	evening max el		-3291 Nov 10 j 03:49	12°൬52'35	19°21'00
min. Earth dist.	-3292 Dec 14 j 05:48	24°൬27'04	0.64812 AU	retrograde		-3291 Nov 17 j 07:10	16°൬59'43	
morning rise	-3292 Dec 17 j 23:55	20°൬34'00		asc. node		-3291 Nov 17 j 10:36	16°൬59'36	
direct	-3292 Dec 24 j 18:29	17°൬42'32		evening set		-3291 Nov 20 j 15:05	15°൬55'02	
morning max el	-3291 Jan 07 j 01:05	25°൬21'49	27°07'23	inferior conj		-3291 Nov 26 j 06:10	10°൬01'24	2°42'44
	-3291 Jan 11 j 07:55	0°Ϣ		minimum elong		-3291 Nov 26 j 03:09	10°൬11'04	2°41'44
desc. node	-3291 Jan 11 j 13:23	0°Ϣ15'56		min. Earth dist.		-3291 Nov 27 j 12:38	8°൬23'43	0.65981 AU
	-3291 Feb 01 j 02:39	0°Ϣ		morning rise		-3291 Dec 01 j 14:57	3°൬50'09	
morning set	-3291 Feb 11 j 13:53	18°Ϣ58'39		direct		-3291 Dec 07 j 21:37	1°൬05'30	
max. Earth dist.	-3291 Feb 16 j 05:28	28°Ϣ13'58	1.34105 AU	morning max el		-3291 Dec 20 j 10:46	8°൬28'19	26°07'46
	-3291 Feb 17 j 02:10	0°≈		desc. node		-3291 Dec 29 j 10:25	18°൬56'08	
						-3290 Jan 06 j 09:27	0°Ϣ	
superior conj	-3291 Feb 19 j 18:34	5°≈34'51	-1°05'33			-3290 Jan 24 j 13:20	0°Ϣ	
minimum elong	-3291 Feb 19 j 21:21	5°≈49'28	1°05'11	morning set		-3290 Jan 25 j 15:19	1°Ϣ59'57	
asc. node	-3291 Feb 26 j 12:51	19°≈52'26		max. Earth dist.		-3290 Jan 29 j 15:37	9°Ϣ37'43	1.35483 AU
evening rise	-3291 Feb 27 j 03:24	21°≈08'26						
	-3291 Mar 03 j 12:25	0°Ϣ		superior conj		-3290 Feb 03 j 15:48	19°Ϣ35'47	-1°27'16
evening max el	-3291 Mar 19 j 17:22	24°Ϣ09'12	21°47'02	minimum elong		-3290 Feb 03 j 19:03	19°Ϣ52'22	1°26'57
	-3291 Mar 30 j 04:39	0°൬				-3290 Feb 08 j 17:04	0°≈	
retrograde	-3291 Apr 01 j 02:02	0°൬08'20		evening rise		-3290 Feb 11 j 10:46	5°≈38'49	
	-3291 Apr 03 j 00:06	30°κϢ		asc. node		-3290 Feb 13 j 09:53	9°≈37'57	
evening set	-3291 Apr 03 j 17:26	29°Ϣ52'41				-3290 Feb 25 j 05:06	0°Ϣ	
desc. node	-3291 Apr 09 j 12:23	27°Ϣ45'28		evening max el		-3290 Mar 01 j 22:18	5°Ϣ25'17	20°25'37
inferior conj	-3291 Apr 13 j 02:13	25°Ϣ49'05	-0°59'35	retrograde		-3290 Mar 12 j 16:20	10°Ϣ32'28	
minimum elong	-3291 Apr 12 j 23:27	25°Ϣ52'58	0°58'39	evening set		-3290 Mar 14 j 22:54	10°Ϣ19'41	
min. Earth dist.	-3291 Apr 12 j 21:57	25°Ϣ55'04	0.55156 AU	inferior conj		-3290 Mar 23 j 22:29	6°Ϣ21'23	0°57'12
morning rise	-3291 Apr 22 j 06:20	21°Ϣ49'28		minimum elong		-3290 Mar 24 j 01:00	6°Ϣ17'42	0°56'19
direct	-3291 Apr 25 j 01:47	21°Ϣ31'58		min. Earth dist.		-3290 Mar 25 j 12:05	5°Ϣ26'12	0.55400 AU
morning max el	-3291 May 07 j 06:43	27°Ϣ18'27	21°43'03	desc. node		-3290 Mar 27 j 09:27	4°Ϣ22'11	
	-3291 May 09 j 21:34	0°൬		morning rise		-3290 Apr 02 j 01:34	2°Ϣ01'09	
asc. node	-3291 May 25 j 12:23	25°൬06'57		direct		-3290 Apr 05 j 14:42	1°Ϣ33'44	
morning set	-3291 May 27 j 22:10	0°Ϣ01'44		morning max el		-3290 Apr 19 j 02:29	8°Ϣ10'30	23°20'02
	-3291 May 27 j 21:50	0°Ϣ				-3290 May 04 j 18:27	0°൬	
				morning set		-3290 May 12 j 09:35	15°൬00'05	
superior conj	-3291 Jun 04 j 06:45	15°Ϣ28'01	1°26'20	asc. node		-3290 May 12 j 09:26	14°൬59'17	
minimum elong	-3291 Jun 04 j 04:07	15°Ϣ14'15	1°26'05			-3290 May 19 j 10:11	0°Ϣ	
max. Earth dist.	-3291 Jun 07 j 20:46	22°Ϣ50'41	1.34895 AU					
	-3291 Jun 11 j 11:12	0°൬		superior conj		-3290 May 19 j 12:33	0°Ϣ12'41	1°08'13
evening rise	-3291 Jun 12 j 11:14	1°൬56'10		minimum elong		-3290 May 19 j 10:03	29°൬59'17	1°07'52
	-3291 Jun 28 j 18:06	0°Ϣ		max. Earth dist.		-3290 May 21 j 20:25	5°Ϣ09'19	1.33769 AU
desc. node	-3291 Jul 06 j 11:24	11°Ϣ05'17		evening rise		-3290 May 27 j 03:05	15°Ϣ59'11	
evening max el	-3291 Jul 17 j 14:43	24°Ϣ07'11	26°53'43			-3290 Jun 03 j 13:04	0°൬	
	-3291 Jul 25 j 08:48	0°Ω		desc. node		-3290 Jun 23 j 08:26	29°൬58'17	
retrograde	-3291 Jul 30 j 17:34	1°Ω26'29				-3290 Jun 23 j 09:00	0°Ϣ	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3290 Jun 30 j 01:37	7° $\text{☿}$ 20'33	27°22'08	retrograde	-3289 Jun 26 j 06:39	27° $\text{II}$ 30'07	
retrograde	-3290 Jul 13 j 15:11	14° $\text{☿}$ 44'12		evening set	-3289 Jul 03 j 09:26	25° $\text{II}$ 03'16	
evening set	-3290 Jul 20 j 18:08	11° $\text{☿}$ 59'56		min. Earth dist.	-3289 Jul 06 j 23:28	22° $\text{II}$ 08'47	0.62396 AU
min. Earth dist.	-3290 Jul 24 j 09:50	8° $\text{☿}$ 38'20	0.64129 AU	inferior conj	-3289 Jul 09 j 22:39	19° $\text{II}$ 19'42	-4°06'28
inferior conj	-3290 Jul 26 j 20:02	6° $\text{☿}$ 03'18	-3°33'31	minimum elong	-3289 Jul 10 j 01:47	19° $\text{II}$ 12'13	4°05'55
minimum elong	-3290 Jul 26 j 23:58	5° $\text{☿}$ 52'48	3°32'28	morning rise	-3289 Jul 16 j 19:25	14° $\text{II}$ 15'20	
morning rise	-3290 Aug 02 j 06:35	0° $\text{☿}$ 39'48		direct	-3289 Jul 19 j 09:14	13° $\text{II}$ 45'26	
direct	-3290 Aug 04 j 23:20	0° $\text{☿}$ 02'45		morning max el	-3289 Jul 26 j 02:33	17° $\text{II}$ 10'17	17°56'10
asc. node	-3290 Aug 08 j 08:44	1° $\text{☿}$ 01'11		asc. node	-3289 Jul 26 j 05:50	17° $\text{II}$ 18'25	
morning max el	-3290 Aug 11 j 11:46	3° $\text{☿}$ 29'37	18°01'26		-3289 Aug 04 j 05:33	0° $\text{☿}$	
morning set	-3290 Aug 28 j 21:42	0° $\text{☿}$ 10'43		morning set	-3289 Aug 11 j 09:48	12° $\text{☿}$ 39'12	
	-3290 Aug 28 j 19:11	0° $\text{☿}$			-3289 Aug 21 j 05:47	0° $\text{☿}$	
superior conj	-3290 Sep 10 j 21:53	21° $\text{☿}$ 56'35	0°52'17	superior conj	-3289 Aug 22 j 14:02	2° $\text{☿}$ 17'58	1°24'43
minimum elong	-3290 Sep 11 j 03:09	22° $\text{☿}$ 17'58	0°51'42	minimum elong	-3289 Aug 22 j 19:11	2° $\text{☿}$ 39'57	1°24'20
	-3290 Sep 15 j 21:59	0° $\text{☿}$		max. Earth dist.	-3289 Aug 29 j 14:38	14° $\text{☿}$ 00'27	1.42968 AU
max. Earth dist.	-3290 Sep 16 j 01:35	0° $\text{☿}$ 14'21	1.44210 AU	evening rise	-3289 Sep 06 j 10:36	26° $\text{☿}$ 30'06	
desc. node	-3290 Sep 19 j 07:51	5° $\text{☿}$ 24'26		desc. node	-3289 Sep 06 j 04:51	26° $\text{☿}$ 07'35	
evening rise	-3290 Sep 27 j 05:24	17° $\text{☿}$ 43'15			-3289 Sep 08 j 16:38	0° $\text{☿}$	
	-3290 Oct 05 j 05:53	0° $\text{☿}$			-3289 Sep 29 j 04:26	0° $\text{☿}$	
evening max el	-3290 Oct 24 j 08:00	26° $\text{☿}$ 19'05	20°18'05	evening max el	-3289 Oct 07 j 06:15	9° $\text{☿}$ 45'32	21°27'36
	-3290 Oct 28 j 21:07	0° $\text{☿}$		retrograde	-3289 Oct 16 j 01:11	14° $\text{☿}$ 58'26	
retrograde	-3290 Nov 01 j 04:32	0° $\text{☿}$ 56'21		evening set	-3289 Oct 20 j 05:10	13° $\text{☿}$ 21'47	
asc. node	-3290 Nov 04 j 07:43	29° $\text{☿}$ 59'33		asc. node	-3289 Oct 22 j 04:50	11° $\text{☿}$ 28'07	
	-3290 Nov 04 j 07:25	30° $\text{☿}$		inferior conj	-3289 Oct 25 j 13:40	7° $\text{☿}$ 08'33	1°08'19
evening set	-3290 Nov 04 j 21:20	29° $\text{☿}$ 36'56		minimum elong	-3289 Oct 25 j 12:08	7° $\text{☿}$ 13'49	1°07'40
inferior conj	-3290 Nov 10 j 08:19	23° $\text{☿}$ 31'48	1°57'55	min. Earth dist.	-3289 Oct 25 j 20:43	6° $\text{☿}$ 44'16	0.67289 AU
minimum elong	-3290 Nov 10 j 05:52	23° $\text{☿}$ 40'03	1°56'57	morning rise	-3289 Oct 30 j 18:56	0° $\text{☿}$ 53'37	
min. Earth dist.	-3290 Nov 11 j 02:26	22° $\text{☿}$ 30'54	0.66797 AU		-3289 Oct 31 j 23:02	30° $\text{☿}$	
morning rise	-3290 Nov 15 j 14:10	17° $\text{☿}$ 17'21		direct	-3289 Nov 04 j 19:52	28° $\text{☿}$ 45'05	
direct	-3290 Nov 21 j 06:18	14° $\text{☿}$ 48'19			-3289 Nov 09 j 01:55	0° $\text{☿}$	
morning max el	-3290 Dec 02 j 19:28	21° $\text{☿}$ 40'59	24°49'57	morning max el	-3289 Nov 15 j 04:37	4° $\text{☿}$ 56'14	23°23'50
	-3290 Dec 10 j 01:44	0° $\text{☿}$		desc. node	-3289 Dec 03 j 04:28	28° $\text{☿}$ 08'08	
desc. node	-3290 Dec 16 j 07:27	8° $\text{☿}$ 17'27			-3289 Dec 04 j 10:57	0° $\text{☿}$	
	-3290 Dec 30 j 15:57	0° $\text{☿}$		morning set	-3289 Dec 20 j 03:46	24° $\text{☿}$ 44'21	
morning set	-3289 Jan 07 j 22:01	14° $\text{☿}$ 00'37			-3289 Dec 23 j 05:56	0° $\text{☿}$	
max. Earth dist.	-3289 Jan 11 j 15:03	20° $\text{☿}$ 42'06	1.37274 AU	max. Earth dist.	-3289 Dec 24 j 10:23	2° $\text{☿}$ 03'18	1.39326 AU
	-3289 Jan 16 j 13:32	0° $\text{☿}$		superior conj	-3288 Jan 01 j 00:12	15° $\text{☿}$ 42'18	-1°54'46
superior conj	-3289 Jan 18 j 03:03	3° $\text{☿}$ 01'51	-1°44'33	minimum elong	-3288 Jan 01 j 01:29	15° $\text{☿}$ 48'16	1°54'50
minimum elong	-3289 Jan 18 j 05:57	3° $\text{☿}$ 16'04	1°44'26		-3288 Jan 08 j 12:23	0° $\text{☿}$	
evening rise	-3289 Jan 26 j 12:50	19° $\text{☿}$ 46'53		evening rise	-3288 Jan 10 j 07:02	3° $\text{☿}$ 26'09	
asc. node	-3289 Jan 31 j 06:55	29° $\text{☿}$ 03'37		asc. node	-3288 Jan 18 j 03:57	18° $\text{☿}$ 02'45	
	-3289 Jan 31 j 18:57	0° $\text{☿}$		evening max el	-3288 Jan 26 j 15:08	29° $\text{☿}$ 44'04	18°37'19
evening max el	-3289 Feb 12 j 14:01	17° $\text{☿}$ 17'56	19°21'38		-3288 Jan 26 j 21:51	0° $\text{☿}$	
retrograde	-3289 Feb 21 j 16:25	21° $\text{☿}$ 37'57		retrograde	-3288 Feb 03 j 10:19	3° $\text{☿}$ 31'34	
evening set	-3289 Feb 24 j 00:04	21° $\text{☿}$ 22'20		evening set	-3288 Feb 05 j 21:43	3° $\text{☿}$ 10'03	
inferior conj	-3289 Mar 04 j 07:02	17° $\text{☿}$ 14'21	2°33'36		-3288 Feb 11 j 18:30	30° $\text{☿}$	
minimum elong	-3289 Mar 04 j 11:57	17° $\text{☿}$ 06'13	2°32'13	inferior conj	-3288 Feb 13 j 11:15	28° $\text{☿}$ 43'18	3°33'36
min. Earth dist.	-3289 Mar 07 j 03:08	15° $\text{☿}$ 22'15	0.56523 AU	minimum elong	-3288 Feb 13 j 14:52	28° $\text{☿}$ 36'19	3°32'55
morning rise	-3289 Mar 12 j 21:04	12° $\text{☿}$ 23'41		min. Earth dist.	-3288 Feb 16 j 20:11	26° $\text{☿}$ 08'49	0.58265 AU
desc. node	-3289 Mar 14 j 06:34	11° $\text{☿}$ 58'08		morning rise	-3288 Feb 21 j 05:36	23° $\text{☿}$ 25'12	
direct	-3289 Mar 17 j 14:25	11° $\text{☿}$ 32'28		direct	-3288 Feb 27 j 03:20	21° $\text{☿}$ 57'55	
morning max el	-3289 Mar 31 j 17:31	18° $\text{☿}$ 44'38	24°58'21	desc. node	-3288 Feb 29 j 03:40	22° $\text{☿}$ 08'00	
	-3289 Apr 10 j 02:44	0° $\text{☿}$		morning max el	-3288 Mar 12 j 09:54	29° $\text{☿}$ 28'43	26°23'11
morning set	-3289 Apr 26 j 21:47	0° $\text{☿}$ 01'46			-3288 Mar 12 j 22:37	0° $\text{☿}$	
	-3289 Apr 26 j 21:27	0° $\text{☿}$			-3288 Apr 02 j 18:40	0° $\text{☿}$	
asc. node	-3289 Apr 29 j 06:28	5° $\text{☿}$ 03'19		morning set	-3288 Apr 10 j 09:03	15° $\text{☿}$ 00'37	
				asc. node	-3288 Apr 15 j 03:28	25° $\text{☿}$ 14'03	
superior conj	-3289 May 03 j 22:08	15° $\text{☿}$ 09'00	0°46'56	superior conj	-3288 Apr 17 j 09:34	0° $\text{☿}$ 09'55	0°23'27
minimum elong	-3289 May 03 j 20:13	14° $\text{☿}$ 58'33	0°46'36	minimum elong	-3288 Apr 17 j 08:33	0° $\text{☿}$ 04'19	0°23'14
max. Earth dist.	-3289 May 05 j 04:03	17° $\text{☿}$ 51'07	1.33012 AU		-3288 Apr 17 j 07:45	0° $\text{☿}$	
	-3289 May 10 j 21:59	0° $\text{☿}$		max. Earth dist.	-3288 Apr 17 j 16:26	0° $\text{☿}$ 47'32	1.32611 AU
evening rise	-3289 May 11 j 03:42	0° $\text{☿}$ 29'15		evening rise	-3288 Apr 24 j 10:08	15° $\text{☿}$ 16'17	
	-3289 May 27 j 13:50	0° $\text{☿}$			-3288 May 01 j 21:55	0° $\text{☿}$	
desc. node	-3289 Jun 10 j 05:29	17° $\text{☿}$ 54'55			-3288 May 22 j 08:01	0° $\text{☿}$	
evening max el	-3289 Jun 12 j 10:11	20° $\text{☿}$ 07'30	27°20'24				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3288 May 24 j 13:49	2° $\Pi$ 15'51	26°45'38	asc. node	-3287 Apr 02 j 00:27	15° $\mathbf{X}$ 27'32	
desc. node	-3288 May 27 j 02:34	4° $\Pi$ 30'53		evening rise	-3287 Apr 08 j 20:08	0° $\Upsilon$ 12'22	
retrograde	-3288 Jun 07 j 14:20	9° $\Pi$ 34'52			-3287 Apr 08 j 17:47	0° $\Upsilon$	
evening set	-3288 Jun 14 j 06:25	7° $\Pi$ 38'48			-3287 Apr 25 j 07:24	0° $\mathbf{8}$	
min. Earth dist.	-3288 Jun 18 j 03:18	4° $\Pi$ 57'32	0.60414 AU	evening max el	-3287 May 06 j 10:55	13° $\mathbf{8}$ 41'04	25°40'22
inferior conj	-3288 Jun 21 j 11:09	2° $\Pi$ 11'44	-4°23'08	desc. node	-3287 May 13 j 23:38	19° $\mathbf{8}$ 14'11	
minimum elong	-3288 Jun 21 j 12:00	2° $\Pi$ 09'56	4°23'00	retrograde	-3287 May 20 j 12:39	20° $\mathbf{8}$ 54'14	
	-3288 Jun 24 j 05:14	30° $\mathbf{R}$ $\mathbf{8}$		evening set	-3287 May 26 j 05:48	19° $\mathbf{8}$ 36'27	
morning rise	-3288 Jun 28 j 19:30	27° $\mathbf{8}$ 28'44		min. Earth dist.	-3287 May 30 j 23:12	16° $\mathbf{8}$ 51'25	0.58387 AU
direct	-3288 Jul 01 j 08:07	27° $\mathbf{8}$ 04'12		inferior conj	-3287 Jun 03 j 05:55	14° $\mathbf{8}$ 30'02	-4°14'23
	-3288 Jul 07 j 22:30	0° $\Pi$		minimum elong	-3287 Jun 03 j 03:11	14° $\mathbf{8}$ 34'59	4°14'03
morning max el	-3288 Jul 08 j 14:30	0° $\Pi$ 36'46	18°10'01	morning rise	-3287 Jun 11 j 03:16	10° $\mathbf{8}$ 08'55	
asc. node	-3288 Jul 12 j 02:54	4° $\Pi$ 40'46		direct	-3287 Jun 13 j 15:32	9° $\mathbf{8}$ 48'43	
morning set	-3288 Jul 24 j 14:16	25° $\Pi$ 55'33		morning max el	-3287 Jun 21 j 20:47	13° $\mathbf{8}$ 41'15	18°43'53
	-3288 Jul 26 j 18:27	0° $\mathbf{E}$		asc. node	-3287 Jun 28 j 23:56	22° $\mathbf{8}$ 54'15	
					-3287 Jul 03 j 02:45	0° $\Pi$	
superior conj	-3288 Aug 03 j 08:41	13° $\mathbf{E}$ 58'08	1°42'55	morning set	-3287 Jul 08 j 06:36	9° $\Pi$ 48'18	
minimum elong	-3288 Aug 03 j 11:27	14° $\mathbf{E}$ 10'35	1°42'53				
max. Earth dist.	-3288 Aug 10 j 22:25	27° $\mathbf{E}$ 09'41	1.41258 AU	superior conj	-3287 Jul 17 j 00:42	26° $\Pi$ 43'23	1°48'54
	-3288 Aug 12 j 15:01	0° $\mathbf{Q}$		minimum elong	-3287 Jul 17 j 00:57	26° $\Pi$ 44'37	1°49'01
evening rise	-3288 Aug 16 j 06:13	5° $\mathbf{Q}$ 58'18			-3287 Jul 18 j 18:40	0° $\mathbf{E}$	
desc. node	-3288 Aug 23 j 01:50	16° $\mathbf{Q}$ 44'55		max. Earth dist.	-3287 Jul 24 j 01:23	9° $\mathbf{E}$ 35'10	1.39312 AU
	-3288 Aug 31 j 22:26	0° $\mathbf{M}$		evening rise	-3287 Jul 28 j 02:50	16° $\mathbf{E}$ 38'00	
evening max el	-3288 Sep 18 j 22:42	23° $\mathbf{M}$ 11'57	22°45'30		-3287 Aug 05 j 06:43	0° $\mathbf{Q}$	
retrograde	-3288 Sep 28 j 19:35	29° $\mathbf{M}$ 03'12		desc. node	-3287 Aug 09 j 22:50	7° $\mathbf{Q}$ 12'19	
evening set	-3288 Oct 03 j 12:45	27° $\mathbf{M}$ 07'26			-3287 Aug 26 j 11:36	0° $\mathbf{M}$	
asc. node	-3288 Oct 08 j 01:56	21° $\mathbf{M}$ 52'43		evening max el	-3287 Sep 01 j 11:00	6° $\mathbf{M}$ 39'56	24°06'06
inferior conj	-3288 Oct 08 j 20:19	20° $\mathbf{M}$ 49'27	0°15'47	retrograde	-3287 Sep 12 j 10:39	13° $\mathbf{M}$ 07'39	
minimum elong	-3288 Oct 08 j 19:57	20° $\mathbf{M}$ 50'44	0°15'38	evening set	-3287 Sep 17 j 18:24	10° $\mathbf{M}$ 52'29	
transit middle	-3288 Oct 08 j 19:57	20° $\mathbf{M}$ 50'44	0°15'38	min. Earth dist.	-3287 Sep 22 j 12:52	5° $\mathbf{M}$ 19'29	0.67343 AU
transit begin	-3288 Oct 08 j 19:09	20° $\mathbf{M}$ 53'28		inferior conj	-3287 Sep 23 j 02:33	4° $\mathbf{M}$ 33'10	-0°38'03
transit end	-3288 Oct 08 j 20:44	20° $\mathbf{M}$ 48'01		minimum elong	-3287 Sep 23 j 03:27	4° $\mathbf{M}$ 30'07	0°37'36
min. Earth dist.	-3288 Oct 08 j 16:59	21° $\mathbf{M}$ 00'57	0.67470 AU	asc. node	-3287 Sep 24 j 23:01	2° $\mathbf{M}$ 06'11	
morning rise	-3288 Oct 14 j 03:01	14° $\mathbf{M}$ 36'51			-3287 Sep 26 j 18:26	30° $\mathbf{R}$ $\mathbf{Q}$	
direct	-3288 Oct 18 j 13:20	12° $\mathbf{M}$ 50'14		morning rise	-3287 Sep 28 j 12:29	28° $\mathbf{Q}$ 25'42	
morning max el	-3288 Oct 27 j 17:31	18° $\mathbf{M}$ 16'28	21°58'37	direct	-3287 Oct 02 j 09:42	26° $\mathbf{Q}$ 59'47	
	-3288 Nov 06 j 08:28	0° $\mathbf{A}$			-3287 Oct 08 j 16:24	0° $\mathbf{M}$	
desc. node	-3288 Nov 19 j 01:28	18° $\mathbf{A}$ 19'33		morning max el	-3287 Oct 10 j 12:59	1° $\mathbf{M}$ 45'14	20°41'12
	-3288 Nov 26 j 15:11	0° $\mathbf{M}$			-3287 Oct 31 j 04:47	0° $\mathbf{A}$	
morning set	-3288 Nov 29 j 04:41	4° $\mathbf{M}$ 04'17		desc. node	-3287 Nov 05 j 22:26	8° $\mathbf{A}$ 45'29	
max. Earth dist.	-3288 Dec 05 j 09:44	14° $\mathbf{M}$ 13'16	1.41367 AU	morning set	-3287 Nov 08 j 06:52	12° $\mathbf{A}$ 23'55	
				max. Earth dist.	-3287 Nov 17 j 16:24	27° $\mathbf{A}$ 17'01	1.43108 AU
					-3287 Nov 19 j 08:33	0° $\mathbf{M}$	
superior conj	-3288 Dec 13 j 02:03	27° $\mathbf{M}$ 23'39	-1°54'24				
minimum elong	-3288 Dec 13 j 00:09	27° $\mathbf{M}$ 15'17	1°54'27	superior conj	-3287 Nov 24 j 02:54	7° $\mathbf{M}$ 52'00	-1°39'33
	-3288 Dec 14 j 13:20	0° $\mathbf{A}$		minimum elong	-3287 Nov 23 j 21:07	7° $\mathbf{M}$ 27'51	1°39'11
evening rise	-3288 Dec 23 j 14:07	16° $\mathbf{A}$ 29'27		evening rise	-3287 Dec 06 j 06:09	28° $\mathbf{M}$ 48'03	
	-3288 Dec 31 j 01:05	0° $\mathbf{E}$			-3287 Dec 06 j 22:27	0° $\mathbf{A}$	
asc. node	-3287 Jan 04 j 00:59	6° $\mathbf{E}$ 26'54		asc. node	-3287 Dec 21 j 22:02	24° $\mathbf{A}$ 04'49	
evening max el	-3287 Jan 08 j 22:56	12° $\mathbf{E}$ 35'50	18°13'05	evening max el	-3287 Dec 23 j 10:29	25° $\mathbf{A}$ 44'22	18°08'31
retrograde	-3287 Jan 15 j 22:29	16° $\mathbf{E}$ 06'48		retrograde	-3287 Dec 30 j 00:45	29° $\mathbf{A}$ 12'18	
evening set	-3287 Jan 18 j 13:10	15° $\mathbf{E}$ 38'07		evening set	-3286 Jan 01 j 18:40	28° $\mathbf{A}$ 35'35	
inferior conj	-3287 Jan 25 j 11:41	10° $\mathbf{E}$ 49'41	3°58'49	inferior conj	-3286 Jan 08 j 05:13	23° $\mathbf{A}$ 26'05	3°57'35
minimum elong	-3287 Jan 25 j 12:37	10° $\mathbf{E}$ 47'38	3°58'40	minimum elong	-3286 Jan 08 j 03:51	23° $\mathbf{A}$ 29'35	3°57'23
min. Earth dist.	-3287 Jan 28 j 18:20	7° $\mathbf{E}$ 55'13	0.60270 AU	min. Earth dist.	-3286 Jan 11 j 00:48	20° $\mathbf{A}$ 34'41	0.62239 AU
morning rise	-3287 Feb 01 j 10:25	5° $\mathbf{E}$ 11'30		morning rise	-3286 Jan 14 j 12:02	17° $\mathbf{A}$ 34'04	
direct	-3287 Feb 08 j 03:34	3° $\mathbf{E}$ 06'04		direct	-3286 Jan 21 j 13:05	14° $\mathbf{A}$ 59'03	
desc. node	-3287 Feb 15 j 00:44	5° $\mathbf{E}$ 05'43		desc. node	-3286 Feb 01 j 21:48	20° $\mathbf{A}$ 20'44	
morning max el	-3287 Feb 22 j 08:00	10° $\mathbf{E}$ 46'25	27°20'52	morning max el	-3286 Feb 04 j 12:20	22° $\mathbf{A}$ 44'38	27°43'22
	-3287 Mar 09 j 07:34	0° $\mathbf{A}$			-3286 Feb 10 j 23:49	0° $\mathbf{E}$	
morning set	-3287 Mar 25 j 17:40	29° $\mathbf{A}$ 50'29			-3286 Mar 02 j 10:35	0° $\mathbf{A}$	
	-3287 Mar 25 j 19:30	0° $\mathbf{X}$		morning set	-3286 Mar 09 j 21:29	14° $\mathbf{A}$ 22'47	
max. Earth dist.	-3287 Apr 01 j 05:49	13° $\mathbf{X}$ 45'41	1.32549 AU	max. Earth dist.	-3286 Mar 15 j 16:07	26° $\mathbf{A}$ 29'42	1.32836 AU
superior conj	-3287 Apr 01 j 21:12	15° $\mathbf{X}$ 09'48	-0°01'26				
minimum elong	-3287 Apr 01 j 21:16	15° $\mathbf{X}$ 10'10	0°01'27	superior conj	-3286 Mar 17 j 07:20	0° $\mathbf{X}$ 01'31	-0°26'50
behind sun begin	-3287 Apr 01 j 16:16	14° $\mathbf{X}$ 42'48		minimum elong	-3286 Mar 17 j 08:33	0° $\mathbf{X}$ 08'07	0°26'38
behind sun end	-3287 Apr 02 j 02:16	15° $\mathbf{X}$ 37'32			-3286 Mar 17 j 07:03	0° $\mathbf{X}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3286 Mar 19 j 21:25	5° $\text{X}$ 38'44		minimum elong	-3285 Mar 01 j 16:30	14° $\approx$ 51'25	0°51'28
evening rise	-3286 Mar 24 j 07:39	15° $\text{X}$ 09'11		asc. node	-3285 Mar 06 j 18:26	25° $\approx$ 43'39	
	-3286 Mar 31 j 19:06	0° $\text{Y}$		evening rise	-3285 Mar 08 j 19:00	0° $\text{X}$ 00'36	
evening max el	-3286 Apr 18 j 03:01	24° $\text{Y}$ 31'58	24°13'45		-3285 Mar 08 j 18:53	0° $\text{X}$	
	-3286 Apr 25 j 16:24	0° $\text{Z}$			-3285 Mar 26 j 02:36	0° $\text{Y}$	
desc. node	-3286 Apr 30 j 20:42	1° $\text{Z}$ 27'32		evening max el	-3285 Mar 30 j 19:42	5° $\text{Y}$ 13'34	22°39'26
retrograde	-3286 May 01 j 23:47	1° $\text{Z}$ 30'28		retrograde	-3285 Apr 12 j 22:22	11° $\text{Y}$ 39'14	
evening set	-3286 May 06 j 08:49	0° $\text{Z}$ 47'36		evening set	-3285 Apr 16 j 01:06	11° $\text{Y}$ 17'58	
	-3286 May 08 j 10:15	30° $\text{R}$ $\text{Y}$		desc. node	-3285 Apr 17 j 17:48	10° $\text{Y}$ 49'36	
min. Earth dist.	-3286 May 12 j 14:39	27° $\text{Y}$ 43'55	0.56613 AU	min. Earth dist.	-3285 Apr 24 j 04:52	7° $\text{Y}$ 44'05	0.55445 AU
inferior conj	-3286 May 15 j 04:36	26° $\text{Y}$ 06'40	-3°29'35	inferior conj	-3285 Apr 25 j 09:08	7° $\text{Y}$ 03'34	-2°03'39
minimum elong	-3286 May 14 j 22:46	26° $\text{Y}$ 15'53	3°28'17	minimum elong	-3285 Apr 25 j 03:54	7° $\text{Y}$ 11'04	2°02'00
morning rise	-3286 May 23 j 15:50	22° $\text{Y}$ 03'22		morning rise	-3285 May 04 j 08:43	3° $\text{Y}$ 06'55	
direct	-3286 May 26 j 03:55	21° $\text{Y}$ 46'37		direct	-3285 May 06 j 23:12	2° $\text{Y}$ 51'07	
morning max el	-3286 Jun 04 j 18:41	26° $\text{Y}$ 14'09	19°38'17	morning max el	-3285 May 18 j 06:06	8° $\text{Y}$ 07'28	20°52'29
	-3286 Jun 08 j 05:38	0° $\text{Z}$			-3285 Jun 02 j 03:51	0° $\text{Z}$	
asc. node	-3286 Jun 15 j 20:57	11° $\text{Z}$ 46'31		asc. node	-3285 Jun 02 j 17:58	1° $\text{Z}$ 08'07	
morning set	-3286 Jun 22 j 07:22	24° $\text{Z}$ 08'16		morning set	-3285 Jun 06 j 13:54	8° $\text{Z}$ 48'23	
	-3286 Jun 25 j 05:09	0° $\text{II}$					
superior conj	-3286 Jun 30 j 08:25	10° $\text{II}$ 17'33	1°45'25	superior conj	-3285 Jun 14 j 03:19	24° $\text{Z}$ 27'13	1°34'52
minimum elong	-3286 Jun 30 j 06:54	10° $\text{II}$ 10'03	1°45'27	minimum elong	-3285 Jun 14 j 00:52	24° $\text{Z}$ 14'41	1°34'43
max. Earth dist.	-3286 Jul 06 j 03:45	21° $\text{II}$ 27'32	1.37388 AU	max. Earth dist.	-3285 Jun 16 j 20:57	0° $\text{II}$	
evening rise	-3286 Jul 10 j 00:29	28° $\text{II}$ 31'41		evening rise	-3285 Jun 18 j 12:06	3° $\text{II}$ 14'34	1.35708 AU
	-3286 Jul 10 j 20:18	0° $\text{E}$			-3285 Jun 22 j 18:33	11° $\text{II}$ 27'28	
desc. node	-3286 Jul 27 j 19:50	27° $\text{E}$ 24'29		desc. node	-3285 Jul 03 j 08:01	0° $\text{E}$	
	-3286 Jul 29 j 14:54	0° $\text{O}$			-3285 Jul 14 j 16:51	17° $\text{E}$ 14'15	
evening max el	-3286 Aug 14 j 21:43	20° $\text{O}$ 10'57	25°22'20	evening max el	-3285 Jul 24 j 19:37	0° $\text{O}$	
retrograde	-3286 Aug 26 j 21:38	27° $\text{O}$ 07'34		retrograde	-3285 Jul 28 j 08:50	3° $\text{O}$ 42'34	26°26'04
evening set	-3286 Sep 01 j 20:16	24° $\text{O}$ 35'12		evening set	-3285 Aug 10 j 03:46	10° $\text{O}$ 56'46	
min. Earth dist.	-3286 Sep 06 j 06:01	19° $\text{O}$ 38'12	0.66896 AU	min. Earth dist.	-3285 Aug 16 j 16:14	8° $\text{O}$ 12'32	
inferior conj	-3286 Sep 07 j 06:40	18° $\text{O}$ 18'00	-1°31'30	inferior conj	-3285 Aug 20 j 18:04	3° $\text{O}$ 53'21	0.66113 AU
minimum elong	-3286 Sep 07 j 08:49	18° $\text{O}$ 10'59	1°30'33	minimum elong	-3285 Aug 22 j 06:46	2° $\text{O}$ 00'56	-2°22'49
asc. node	-3286 Sep 11 j 20:07	13° $\text{O}$ 06'42			-3285 Aug 22 j 10:00	1° $\text{O}$ 51'01	2°21'35
morning rise	-3286 Sep 12 j 21:29	12° $\text{O}$ 18'38		morning rise	-3285 Aug 23 j 23:11	30° $\text{R}$ $\text{E}$	
direct	-3286 Sep 16 j 07:44	11° $\text{O}$ 10'35		direct	-3285 Aug 28 j 04:03	26° $\text{E}$ 12'46	
morning max el	-3286 Sep 23 j 15:48	15° $\text{O}$ 23'08	19°36'10	asc. node	-3285 Aug 29 j 17:13	25° $\text{E}$ 32'21	
	-3286 Oct 04 j 17:49	0° $\text{P}$		direct	-3285 Aug 31 j 05:42	25° $\text{E}$ 19'11	
morning set	-3286 Oct 18 j 06:49	20° $\text{P}$ 44'45		morning max el	-3285 Sep 07 j 00:53	29° $\text{E}$ 07'19	18°46'08
desc. node	-3286 Oct 23 j 19:25	29° $\text{P}$ 21'32		morning set	-3285 Sep 07 j 20:47	0° $\text{O}$	
	-3286 Oct 24 j 05:16	0° $\text{A}$			-3285 Sep 28 j 02:12	0° $\text{P}$ 05'56	
max. Earth dist.	-3286 Oct 31 j 05:28	11° $\text{A}$ 02'10	1.44315 AU	desc. node	-3285 Sep 28 j 00:43	0° $\text{P}$	
					-3285 Oct 10 j 16:24	20° $\text{P}$ 03'27	
superior conj	-3286 Nov 04 j 00:27	17° $\text{A}$ 04'52	-1°07'39	superior conj	-3285 Oct 14 j 02:28	25° $\text{P}$ 26'41	-0°21'43
minimum elong	-3286 Nov 03 j 17:21	16° $\text{A}$ 36'26	1°06'53	minimum elong	-3285 Oct 13 j 23:37	25° $\text{P}$ 15'26	0°21'19
	-3286 Nov 11 j 23:13	0° $\text{M}$		max. Earth dist.	-3285 Oct 13 j 22:33	25° $\text{P}$ 11'13	1.44849 AU
evening rise	-3286 Nov 18 j 02:34	10° $\text{M}$ 13'14			-3285 Oct 16 j 23:51	0° $\text{A}$	
	-3286 Nov 30 j 02:33	0° $\text{J}$		evening rise	-3285 Oct 29 j 23:09	20° $\text{A}$ 36'18	
evening max el	-3286 Dec 06 j 23:07	9° $\text{J}$ 03'58	18°22'52		-3285 Nov 04 j 19:41	0° $\text{M}$	
asc. node	-3286 Dec 08 j 19:06	10° $\text{J}$ 43'37		evening max el	-3285 Nov 20 j 10:13	22° $\text{M}$ 29'00	18°55'05
retrograde	-3286 Dec 13 j 12:42	12° $\text{J}$ 39'41		asc. node	-3285 Nov 25 j 16:12	26° $\text{M}$ 07'45	
evening set	-3286 Dec 16 j 10:45	11° $\text{J}$ 53'40		retrograde	-3285 Nov 27 j 06:31	26° $\text{M}$ 21'58	
inferior conj	-3286 Dec 22 j 12:02	6° $\text{J}$ 25'06	3°37'53	evening set	-3285 Nov 30 j 10:19	25° $\text{M}$ 24'43	
minimum elong	-3286 Dec 22 j 09:21	6° $\text{J}$ 32'45	3°37'19	inferior conj	-3285 Dec 06 j 04:35	19° $\text{M}$ 39'34	3°05'31
min. Earth dist.	-3286 Dec 24 j 17:08	3° $\text{J}$ 54'47	0.63969 AU	minimum elong	-3285 Dec 06 j 01:29	19° $\text{M}$ 49'09	3°04'37
morning rise	-3286 Dec 28 j 07:23	0° $\text{J}$ 23'32		min. Earth dist.	-3285 Dec 07 j 19:00	17° $\text{M}$ 41'09	0.65357 AU
	-3286 Dec 28 j 19:19	30° $\text{R}$ $\text{M}$		morning rise	-3285 Dec 11 j 16:18	13° $\text{M}$ 31'22	
direct	-3285 Jan 04 j 06:32	27° $\text{M}$ 33'27		direct	-3285 Dec 18 j 06:26	10° $\text{M}$ 41'05	
	-3285 Jan 11 j 10:25	0° $\text{J}$		morning max el	-3285 Dec 31 j 06:13	18° $\text{M}$ 15'02	26°44'46
morning max el	-3285 Jan 17 j 20:41	5° $\text{J}$ 18'12	27°29'45	desc. node	-3284 Jan 06 j 15:55	25° $\text{M}$ 26'02	
desc. node	-3285 Jan 19 j 18:52	7° $\text{J}$ 17'26			-3284 Jan 10 j 05:31	0° $\text{J}$	
	-3285 Feb 05 j 16:34	0° $\text{Z}$			-3284 Jan 29 j 14:53	0° $\text{Z}$	
morning set	-3285 Feb 21 j 17:56	28° $\text{Z}$ 28'48		morning set	-3284 Feb 05 j 03:34	11° $\text{Z}$ 57'29	
	-3285 Feb 22 j 12:18	0° $\approx$		max. Earth dist.	-3284 Feb 09 j 11:57	20° $\text{Z}$ 27'24	1.34635 AU
max. Earth dist.	-3285 Feb 26 j 19:17	8° $\approx$ 46'06	1.33517 AU				
superior conj	-3285 Mar 01 j 14:13	14° $\approx$ 39'16	-0°51'49	superior conj	-3284 Feb 13 j 15:45	28° $\text{Z}$ 56'11	-1°15'10
				minimum elong	-3284 Feb 13 j 18:49	29° $\text{Z}$ 12'02	1°14'48

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3284 Feb 14 j 04:03	0°♊		max. Earth dist.	-3283 Jan 21 j 17:10	1°♊40'01	1.36202 AU
evening rise	-3284 Feb 21 j 04:22	14°♊40'37					
asc. node	-3284 Feb 21 j 15:28	15°♊37'56		superior conj	-3283 Jan 27 j 09:12	12°♊43'47	-1°35'17
	-3284 Feb 29 j 01:25	0°♋		minimum elong	-3283 Jan 27 j 12:26	12°♊59'59	1°35'02
evening max el	-3284 Mar 11 j 19:09	16°♋12'43	21°10'36	evening rise	-3283 Feb 04 j 09:47	29°♊02'37	
retrograde	-3284 Mar 23 j 12:07	21°♋49'24			-3283 Feb 04 j 21:08	0°♋	
evening set	-3284 Mar 25 j 22:05	21°♋35'56		asc. node	-3283 Feb 07 j 12:31	5°♋16'00	
desc. node	-3284 Apr 03 j 14:53	17°♋56'23		evening max el	-3283 Feb 22 j 04:44	27°♋44'24	19°56'03
inferior conj	-3284 Apr 04 j 04:27	17°♋37'14	-0°09'29		-3283 Feb 24 j 22:35	0°♋	
minimum elong	-3284 Apr 04 j 04:01	17°♋37'52	0°09'20	retrograde	-3283 Mar 04 j 05:00	2°♋29'58	
transit middle	-3284 Apr 04 j 04:01	17°♋37'52	0°09'20	evening set	-3283 Mar 06 j 11:35	2°♋16'20	
transit begin	-3284 Apr 04 j 00:42	17°♋42'33			-3283 Mar 12 j 05:34	30°♋	
transit end	-3284 Apr 04 j 07:19	17°♋33'11		inferior conj	-3283 Mar 15 j 04:31	28°♋15'18	1°42'03
min. Earth dist.	-3284 Apr 04 j 18:53	17°♋16'50	0.55146 AU	minimum elong	-3283 Mar 15 j 08:33	28°♋09'05	1°40'42
morning rise	-3284 Apr 13 j 09:37	13°♋30'37		min. Earth dist.	-3283 Mar 17 j 08:58	26°♋55'08	0.55784 AU
direct	-3284 Apr 16 j 11:14	13°♋10'05		desc. node	-3283 Mar 21 j 12:00	24°♋42'08	
morning max el	-3284 Apr 29 j 06:46	19°♋19'27	22°23'13	morning rise	-3283 Mar 24 j 03:24	23°♋43'01	
	-3284 May 08 j 00:36	0°♌		direct	-3283 Mar 28 j 03:55	23°♋07'18	
asc. node	-3284 May 19 j 15:01	20°♌51'35			-3283 Apr 10 j 23:28	0°♌	
morning set	-3284 May 21 j 00:09	23°♌42'40		morning max el	-3283 Apr 10 j 23:41	0°♌00'30	24°02'31
	-3284 May 23 j 23:49	0°♍			-3283 May 01 j 05:10	0°♌	
				morning set	-3283 May 05 j 12:08	8°♌43'42	
superior conj	-3284 May 28 j 05:58	9°♍02'17	1°19'06	asc. node	-3283 May 06 j 12:02	10°♌49'44	
minimum elong	-3284 May 28 j 03:19	8°♍48'19	1°18'49				
max. Earth dist.	-3284 May 31 j 06:28	15°♍20'55	1.34374 AU	superior conj	-3283 May 12 j 13:38	23°♌52'59	0°59'32
evening rise	-3284 Jun 05 j 03:50	25°♍10'50		minimum elong	-3283 May 12 j 11:20	23°♌40'34	0°59'10
	-3284 Jun 07 j 16:05	0°♎		max. Earth dist.	-3283 May 14 j 10:10	27°♌51'52	1.33408 AU
	-3284 Jun 25 j 18:46	0°♏			-3283 May 15 j 10:16	0°♏	
desc. node	-3284 Jun 30 j 13:54	6°♏32'11		evening rise	-3283 May 19 j 23:51	9°♏27'00	
evening max el	-3284 Jul 09 j 20:31	17°♏07'20	27°09'16		-3283 May 31 j 01:14	0°♏	
retrograde	-3284 Jul 23 j 04:31	24°♏28'43		desc. node	-3283 Jun 17 j 10:57	25°♏03'48	
evening set	-3284 Jul 30 j 03:44	21°♏41'21			-3283 Jun 22 j 02:03	0°♏	
min. Earth dist.	-3284 Aug 02 j 22:39	17°♏59'43	0.64967 AU	evening max el	-3283 Jun 22 j 06:50	0°♏11'31	27°25'15
inferior conj	-3284 Aug 05 j 00:42	15°♏38'35	-3°09'41	retrograde	-3283 Jul 05 j 23:18	7°♏34'13	
minimum elong	-3284 Aug 05 j 04:36	15°♏27'36	3°08'28	evening set	-3283 Jul 13 j 03:28	4°♏55'38	
morning rise	-3284 Aug 11 j 05:59	10°♏04'58		min. Earth dist.	-3283 Jul 16 j 17:49	1°♏47'02	0.63441 AU
direct	-3284 Aug 14 j 01:25	9°♏22'34			-3283 Jul 18 j 12:09	30°♏	
asc. node	-3284 Aug 15 j 14:19	9°♏35'14		inferior conj	-3283 Jul 19 j 09:47	29°♏04'33	-3°49'01
morning max el	-3284 Aug 20 j 14:14	12°♏54'36	18°12'41	minimum elong	-3283 Jul 19 j 13:32	28°♏54'59	3°48'10
	-3284 Sep 01 j 13:07	0°♐		morning rise	-3283 Jul 26 j 00:30	23°♏48'49	
morning set	-3284 Sep 08 j 01:17	10°♐48'18		direct	-3283 Jul 28 j 15:54	23°♏14'55	
	-3284 Sep 19 j 18:33	0°♑		asc. node	-3283 Aug 02 j 11:24	25°♏07'27	
				morning max el	-3283 Aug 04 j 05:17	26°♏39'26	17°56'55
superior conj	-3284 Sep 22 j 05:34	3°♑56'21	0°27'27		-3283 Aug 07 j 02:46	0°♑	
minimum elong	-3284 Sep 22 j 08:52	4°♑09'32	0°27'04	morning set	-3283 Aug 21 j 01:25	22°♑42'19	
max. Earth dist.	-3284 Sep 25 j 16:53	9°♑27'17	1.44654 AU		-3283 Aug 25 j 06:12	0°♒	
desc. node	-3284 Sep 26 j 13:24	10°♑48'18					
evening rise	-3284 Oct 08 j 19:43	29°♑59'07		superior conj	-3283 Sep 02 j 05:44	13°♒30'07	1°07'50
	-3284 Oct 08 j 19:57	0°♒		minimum elong	-3283 Sep 02 j 11:25	13°♒53'37	1°07'17
greatest brilliancy	-3284 Oct 21 j 05:30	19°♒05'02	-0.7m	max. Earth dist.	-3283 Sep 08 j 08:58	23°♒30'32	1.43756 AU
	-3284 Oct 28 j 19:17	0°♓			-3283 Sep 12 j 10:48	0°♓	
evening max el	-3284 Nov 02 j 17:31	5°♓55'53	19°43'37	desc. node	-3283 Sep 13 j 10:22	1°♓32'53	
retrograde	-3284 Nov 10 j 03:15	10°♓14'30		evening rise	-3283 Sep 18 j 01:18	8°♓45'20	
asc. node	-3284 Nov 11 j 13:19	10°♓02'52			-3283 Oct 02 j 02:52	0°♓	
evening set	-3284 Nov 13 j 14:47	9°♓03'44		evening max el	-3283 Oct 16 j 19:12	19°♓22'21	20°46'20
inferior conj	-3284 Nov 19 j 03:55	3°♓04'56	2°24'25	retrograde	-3283 Oct 25 j 00:33	24°♓14'08	
minimum elong	-3284 Nov 19 j 01:05	3°♓14'13	2°23'24	evening set	-3283 Oct 28 j 21:57	22°♓47'25	
min. Earth dist.	-3284 Nov 20 j 04:56	1°♓42'56	0.66376 AU	asc. node	-3283 Oct 29 j 10:25	22°♓22'36	
	-3284 Nov 21 j 13:20	30°♓		inferior conj	-3283 Nov 03 j 07:39	16°♓38'15	1°37'20
morning rise	-3284 Nov 24 j 11:10	26°♓52'17		minimum elong	-3283 Nov 03 j 05:33	16°♓45'24	1°36'29
direct	-3284 Nov 30 j 11:57	24°♓13'27		min. Earth dist.	-3283 Nov 03 j 20:50	15°♓53'22	0.67043 AU
	-3284 Dec 11 j 04:33	0°♔		morning rise	-3283 Nov 08 j 13:00	10°♓23'29	
morning max el	-3284 Dec 12 j 15:18	1°♔24'14	25°36'19	direct	-3283 Nov 13 j 22:36	8°♓03'04	
desc. node	-3284 Dec 23 j 12:58	14°♔25'18		morning max el	-3283 Nov 25 j 00:03	14°♓38'47	24°13'55
	-3283 Jan 03 j 07:00	0°♕			-3283 Dec 07 j 13:19	0°♕	
morning set	-3283 Jan 17 j 21:45	24°♕34'46		desc. node	-3283 Dec 10 j 10:00	4°♕00'29	
	-3283 Jan 20 j 20:00	0°♖			-3283 Dec 27 j 04:51	0°♖	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3283 Dec 30 j 18:38	6°♌04'58		max. Earth dist.	-3282 Dec 16 j 10:27	24°♍28'02	1.40205 AU
max. Earth dist.	-3282 Jan 03 j 14:23	12°♌49'28	1.38126 AU		-3282 Dec 19 j 15:09	0°♌	
superior conj	-3282 Jan 10 j 15:03	25°♌52'19	-1°49'56	superior conj	-3282 Dec 24 j 04:35	8°♌08'38	-1°56'08
minimum elong	-3282 Jan 10 j 17:27	26°♌03'51	1°49'54	minimum elong	-3282 Dec 24 j 04:42	8°♌09'10	1°56'15
	-3282 Jan 12 j 18:24	0°♌		evening rise	-3281 Jan 02 j 22:46	26°♌24'42	
evening rise	-3282 Jan 19 j 08:55	13°♌00'06			-3281 Jan 04 j 20:14	0°♌	
asc. node	-3282 Jan 25 j 09:34	24°♌31'57		asc. node	-3281 Jan 12 j 06:36	13°♌17'27	
	-3282 Jan 28 j 13:19	0°♌		evening max el	-3281 Jan 19 j 04:52	22°♌29'47	18°24'37
evening max el	-3282 Feb 05 j 00:39	9°♌52'10	19°00'18	retrograde	-3281 Jan 26 j 14:35	26°♌08'42	
retrograde	-3282 Feb 13 j 12:37	13°♌56'53		evening set	-3281 Jan 29 j 03:16	25°♌44'25	
evening set	-3282 Feb 15 j 21:43	13°♌39'03		inferior conj	-3281 Feb 05 j 10:05	21°♌08'46	3°48'03
inferior conj	-3282 Feb 23 j 21:04	9°♌23'24	3°03'41	minimum elong	-3281 Feb 05 j 12:36	21°♌03'36	3°47'41
minimum elong	-3282 Feb 24 j 01:45	9°♌15'06	3°02'32	min. Earth dist.	-3281 Feb 08 j 19:37	18°♌22'30	0.59098 AU
min. Earth dist.	-3282 Feb 27 j 00:31	7°♌11'10	0.57204 AU	morning rise	-3281 Feb 12 j 19:44	15°♌40'50	
morning rise	-3282 Mar 04 j 03:06	4°♌20'10		direct	-3281 Feb 19 j 02:57	13°♌56'45	
desc. node	-3282 Mar 08 j 09:06	3°♌17'23		desc. node	-3281 Feb 23 j 06:11	14°♌39'52	
direct	-3282 Mar 09 j 08:51	3°♌15'01		morning max el	-3281 Mar 05 j 09:26	21°♌33'20	26°51'39
morning max el	-3282 Mar 23 j 14:47	10°♌36'33	25°37'00		-3281 Mar 12 j 18:55	0°♌	
	-3282 Apr 07 j 09:12	0°♌			-3281 Mar 31 j 03:28	0°♌	
morning set	-3282 Apr 20 j 00:10	23°♌45'31		morning set	-3281 Apr 04 j 10:32	8°♌41'25	
	-3282 Apr 22 j 22:25	0°♌		asc. node	-3281 Apr 10 j 06:03	21°♌10'05	
asc. node	-3282 Apr 23 j 09:03	0°♌57'30					
superior conj	-3282 Apr 27 j 00:14	8°♌52'20	0°37'13	superior conj	-3281 Apr 11 j 11:57	23°♌53'43	0°13'03
minimum elong	-3282 Apr 26 j 22:39	8°♌43'46	0°36'55	minimum elong	-3281 Apr 11 j 11:22	23°♌50'33	0°12'54
max. Earth dist.	-3282 Apr 27 j 20:18	10°♌41'45	1.32802 AU	behind sun begin	-3281 Apr 11 j 08:28	23°♌34'42	
evening rise	-3282 May 04 j 03:14	24°♌05'25		behind sun end	-3281 Apr 11 j 14:16	24°♌06'24	
	-3282 May 07 j 01:26	0°♌		max. Earth dist.	-3281 Apr 11 j 09:24	23°♌39'43	1.32537 AU
	-3282 May 24 j 19:58	0°♌			-3281 Apr 14 j 06:59	0°♌	
desc. node	-3282 Jun 04 j 08:00	12°♌29'34		evening rise	-3281 Apr 18 j 11:25	8°♌57'03	
evening max el	-3282 Jun 04 j 13:20	12°♌42'22	27°09'26		-3281 Apr 29 j 11:28	0°♌	
retrograde	-3282 Jun 18 j 11:36	20°♌03'57		evening max el	-3281 May 17 j 14:06	24°♌32'10	26°21'12
evening set	-3282 Jun 25 j 11:29	17°♌48'22		desc. node	-3281 May 22 j 05:03	28°♌22'16	
min. Earth dist.	-3282 Jun 29 j 02:55	15°♌01'49	0.61581 AU		-3281 May 24 j 21:04	0°♌	
inferior conj	-3282 Jul 02 j 06:47	12°♌11'26	-4°16'00	retrograde	-3281 May 31 j 16:01	1°♌50'07	
minimum elong	-3282 Jul 02 j 09:09	12°♌06'05	4°15'40	evening set	-3281 Jun 06 j 23:38	0°♌09'52	
morning rise	-3282 Jul 09 j 08:22	7°♌16'20			-3281 Jun 07 j 07:05	30°♌	
direct	-3282 Jul 11 j 21:33	6°♌48'54		min. Earth dist.	-3281 Jun 11 j 03:11	27°♌28'57	0.59538 AU
morning max el	-3282 Jul 18 j 19:15	10°♌15'22	17°59'40	inferior conj	-3281 Jun 14 j 12:10	24°♌50'36	-4°23'12
asc. node	-3282 Jul 20 j 08:28	11°♌54'18		minimum elong	-3281 Jun 14 j 11:36	24°♌51'42	4°23'06
	-3282 Jul 31 j 20:02	0°♌		morning rise	-3281 Jun 22 j 01:55	20°♌17'12	
morning set	-3282 Aug 03 j 21:03	5°♌32'31		direct	-3281 Jun 24 j 14:09	19°♌54'46	
				morning max el	-3281 Jul 02 j 05:14	23°♌34'27	18°21'55
				asc. node	-3281 Jul 07 j 05:30	29°♌40'25	
superior conj	-3282 Aug 14 j 09:38	24°♌26'37	1°34'06		-3281 Jul 07 j 10:50	0°♌	
minimum elong	-3282 Aug 14 j 13:54	24°♌45'11	1°33'53	morning set	-3281 Jul 18 j 07:05	19°♌05'59	
	-3282 Aug 17 j 15:05	0°♌			-3281 Jul 24 j 00:42	0°♌	
max. Earth dist.	-3282 Aug 21 j 19:44	7°♌01'58	1.42283 AU				
evening rise	-3282 Aug 28 j 10:28	17°♌43'34		superior conj	-3281 Jul 27 j 14:09	6°♌37'12	1°46'47
desc. node	-3282 Aug 31 j 07:20	22°♌13'54		minimum elong	-3281 Jul 27 j 15:48	6°♌44'45	1°46'50
	-3282 Sep 05 j 08:47	0°♌		max. Earth dist.	-3281 Aug 04 j 00:43	19°♌51'06	1.40440 AU
	-3282 Sep 27 j 00:51	0°♌		evening rise	-3281 Aug 08 j 16:12	27°♌41'12	
evening max el	-3282 Sep 29 j 14:40	2°♌47'49	22°00'00		-3281 Aug 10 j 02:00	0°♌	
retrograde	-3282 Oct 08 j 20:31	8°♌17'35		desc. node	-3281 Aug 18 j 04:19	12°♌47'57	
evening set	-3282 Oct 13 j 05:51	6°♌32'53			-3281 Aug 29 j 23:32	0°♌	
asc. node	-3282 Oct 16 j 07:31	3°♌18'49		evening max el	-3281 Sep 12 j 05:03	16°♌15'02	23°19'52
inferior conj	-3282 Oct 18 j 13:44	0°♌16'56	0°46'15	retrograde	-3281 Sep 22 j 13:42	22°♌22'53	
minimum elong	-3282 Oct 18 j 12:41	0°♌20'35	0°45'49	evening set	-3281 Sep 27 j 12:49	20°♌19'00	
min. Earth dist.	-3282 Oct 18 j 16:17	0°♌08'09	0.67396 AU	inferior conj	-3281 Oct 02 j 20:26	13°♌59'55	-0°06'59
	-3282 Oct 18 j 18:38	30°♌		minimum elong	-3281 Oct 02 j 20:36	13°♌59'22	0°06'53
morning rise	-3282 Oct 23 j 19:22	24°♌02'32		transit middle	-3281 Oct 02 j 20:36	13°♌59'22	0°06'53
direct	-3282 Oct 28 j 13:49	22°♌03'32		transit begin	-3281 Oct 02 j 18:09	14°♌07'47	
morning max el	-3282 Nov 07 j 10:28	27°♌56'07	22°47'03	transit end	-3281 Oct 02 j 23:03	13°♌50'56	
	-3282 Nov 09 j 09:04	0°♌		min. Earth dist.	-3281 Oct 02 j 12:47	14°♌26'10	0.67451 AU
desc. node	-3282 Nov 27 j 06:58	24°♌00'38		asc. node	-3281 Oct 03 j 04:35	13°♌32'00	
	-3282 Dec 01 j 06:30	0°♌		morning rise	-3281 Oct 08 j 04:17	7°♌48'51	
morning set	-3282 Dec 11 j 12:11	16°♌12'42		direct	-3281 Oct 12 j 08:46	6°♌11'13	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3281 Oct 21 j 01:50	11° $\mathbb{M}$ 19'46	21°24'17	asc. node	-3280 Sep 19 j 01:39	23° $\Omega$ 59'25	
	-3281 Nov 04 j 12:47	0° $\underline{\mathbf{a}}$		morning rise	-3280 Sep 21 j 13:48	21° $\Omega$ 40'09	
desc. node	-3281 Nov 14 j 03:58	14° $\underline{\mathbf{a}}$ 19'00		direct	-3280 Sep 25 j 06:11	20° $\Omega$ 22'00	
morning set	-3281 Nov 21 j 01:41	25° $\underline{\mathbf{a}}$ 01'14		morning max el	-3280 Oct 03 j 00:20	24° $\Omega$ 52'09	20°11'44
	-3281 Nov 24 j 04:51	0° $\mathbb{M}$			-3280 Oct 07 j 10:14	0° $\mathbb{M}$	
max. Earth dist.	-3281 Nov 28 j 12:07	6° $\mathbb{M}$ 59'00	1.42160 AU		-3280 Oct 27 j 22:00	0° $\underline{\mathbf{a}}$	
				morning set	-3280 Oct 29 j 23:49	3° $\underline{\mathbf{a}}$ 12'23	
superior conj	-3281 Dec 05 j 20:22	19° $\mathbb{M}$ 20'09	-1°50'06	desc. node	-3280 Oct 31 j 00:59	4° $\underline{\mathbf{a}}$ 49'54	
minimum elong	-3281 Dec 05 j 16:46	19° $\mathbb{M}$ 04'42	1°50'01	max. Earth dist.	-3280 Nov 09 j 21:50	20° $\underline{\mathbf{a}}$ 22'45	1.43705 AU
	-3281 Dec 11 j 22:09	0° $\mathbb{M}$					
evening rise	-3281 Dec 16 j 23:54	9° $\mathbb{M}$ 09'27		superior conj	-3280 Nov 15 j 09:32	29° $\underline{\mathbf{a}}$ 16'08	-1°28'06
	-3281 Dec 29 j 03:56	0° $\mathbb{M}$		minimum elong	-3280 Nov 15 j 02:37	28° $\underline{\mathbf{a}}$ 47'49	1°27'31
asc. node	-3281 Dec 30 j 03:38	1° $\mathbb{M}$ 23'16			-3280 Nov 15 j 20:14	0° $\mathbb{M}$	
evening max el	-3280 Jan 02 j 14:38	5° $\mathbb{M}$ 29'34	18°08'51	evening rise	-3280 Nov 28 j 08:07	21° $\mathbb{M}$ 06'20	
retrograde	-3280 Jan 09 j 09:00	8° $\mathbb{M}$ 57'26			-3280 Dec 03 j 11:46	0° $\mathbb{M}$	
evening set	-3280 Jan 12 j 01:04	8° $\mathbb{M}$ 25'27		evening max el	-3280 Dec 16 j 03:02	18° $\mathbb{M}$ 43'59	18°12'24
inferior conj	-3280 Jan 18 j 18:10	3° $\mathbb{M}$ 28'13	4°00'57	asc. node	-3280 Dec 16 j 00:40	18° $\mathbb{M}$ 37'59	
minimum elong	-3280 Jan 18 j 18:01	3° $\mathbb{M}$ 28'36	4°00'51	retrograde	-3280 Dec 22 j 15:51	22° $\mathbb{M}$ 13'38	
min. Earth dist.	-3280 Jan 21 j 21:00	0° $\mathbb{M}$ 32'12	0.61129 AU	evening set	-3280 Dec 25 j 11:30	21° $\mathbb{M}$ 32'59	
	-3280 Jan 22 j 11:29	30° $\mathbb{M}$ 32'12		inferior conj	-3280 Dec 31 j 17:48	16° $\mathbb{M}$ 15'01	3°51'05
morning rise	-3280 Jan 25 j 09:36	27° $\mathbb{M}$ 43'39		minimum elong	-3280 Dec 31 j 15:44	16° $\mathbb{M}$ 20'32	3°50'44
direct	-3280 Feb 01 j 07:41	25° $\mathbb{M}$ 23'42		min. Earth dist.	-3279 Jan 03 j 07:21	13° $\mathbb{M}$ 31'04	0.63016 AU
desc. node	-3280 Feb 10 j 03:15	28° $\mathbb{M}$ 39'47		morning rise	-3279 Jan 06 j 19:15	10° $\mathbb{M}$ 18'52	
	-3280 Feb 11 j 22:13	0° $\mathbb{M}$		direct	-3279 Jan 13 j 20:41	7° $\mathbb{M}$ 35'39	
morning max el	-3280 Feb 15 j 10:04	3° $\mathbb{M}$ 07'06	27°34'53	desc. node	-3279 Jan 27 j 00:21	14° $\mathbb{M}$ 42'21	
	-3280 Mar 06 j 05:25	0° $\mathbb{M}$		morning max el	-3279 Jan 27 j 16:14	15° $\mathbb{M}$ 20'55	27°41'53
morning set	-3280 Mar 18 j 17:20	23° $\mathbb{M}$ 24'27			-3279 Feb 08 j 17:13	0° $\mathbb{M}$	
	-3280 Mar 21 j 20:52	0° $\mathbb{M}$			-3279 Feb 26 j 19:02	0° $\mathbb{M}$	
max. Earth dist.	-3280 Mar 24 j 21:44	6° $\mathbb{M}$ 32'30	1.32621 AU	morning set	-3279 Mar 02 j 18:24	7° $\mathbb{M}$ 46'55	
				max. Earth dist.	-3279 Mar 08 j 05:34	19° $\mathbb{M}$ 06'57	1.33074 AU
superior conj	-3280 Mar 25 j 23:09	8° $\mathbb{M}$ 50'52	-0°12'11				
minimum elong	-3280 Mar 25 j 23:42	8° $\mathbb{M}$ 53'53	0°12'07	superior conj	-3279 Mar 10 j 08:10	23° $\mathbb{M}$ 37'52	-0°37'32
behind sun begin	-3280 Mar 25 j 20:25	8° $\mathbb{M}$ 36'01		minimum elong	-3279 Mar 10 j 09:51	23° $\mathbb{M}$ 46'58	0°37'16
behind sun end	-3280 Mar 26 j 02:58	9° $\mathbb{M}$ 11'46			-3279 Mar 13 j 06:54	0° $\mathbb{M}$	
asc. node	-3280 Mar 27 j 03:02	11° $\mathbb{M}$ 23'08		asc. node	-3279 Mar 14 j 00:03	1° $\mathbb{M}$ 32'40	
evening rise	-3280 Apr 01 j 22:16	23° $\mathbb{M}$ 54'13		evening rise	-3279 Mar 17 j 09:58	8° $\mathbb{M}$ 50'12	
	-3280 Apr 04 j 21:07	0° $\mathbb{M}$			-3279 Mar 28 j 12:45	0° $\mathbb{M}$	
	-3280 Apr 23 j 04:05	0° $\mathbb{M}$		evening max el	-3279 Apr 10 j 00:36	16° $\mathbb{M}$ 26'01	23°33'50
evening max el	-3280 Apr 28 j 08:52	5° $\mathbb{M}$ 41'39	25°05'34	retrograde	-3279 Apr 23 j 15:11	23° $\mathbb{M}$ 12'18	
desc. node	-3280 May 08 j 02:08	12° $\mathbb{M}$ 06'30		desc. node	-3279 Apr 24 j 23:12	23° $\mathbb{M}$ 08'19	
retrograde	-3280 May 12 j 09:53	12° $\mathbb{M}$ 49'57		evening set	-3279 Apr 27 j 10:33	22° $\mathbb{M}$ 40'28	
evening set	-3280 May 17 j 13:46	11° $\mathbb{M}$ 48'28		min. Earth dist.	-3279 May 04 j 11:35	19° $\mathbb{M}$ 25'43	0.56027 AU
min. Earth dist.	-3280 May 22 j 21:05	8° $\mathbb{M}$ 56'50	0.57577 AU	inferior conj	-3279 May 06 j 13:01	18° $\mathbb{M}$ 11'45	-2°58'01
inferior conj	-3280 May 25 j 22:35	6° $\mathbb{M}$ 52'23	-4°00'24	minimum elong	-3279 May 06 j 06:50	18° $\mathbb{M}$ 21'03	2°56'22
minimum elong	-3280 May 25 j 18:18	6° $\mathbb{M}$ 59'43	3°59'43	morning rise	-3279 May 15 j 05:54	14° $\mathbb{M}$ 13'03	
morning rise	-3280 Jun 03 j 01:44	2° $\mathbb{M}$ 39'17		direct	-3279 May 17 j 18:44	13° $\mathbb{M}$ 56'58	
direct	-3280 Jun 05 j 13:48	2° $\mathbb{M}$ 20'44		morning max el	-3279 May 28 j 01:48	18° $\mathbb{M}$ 43'36	20°07'28
morning max el	-3280 Jun 14 j 08:14	6° $\mathbb{M}$ 26'43	19°04'26		-3279 Jun 05 j 19:24	0° $\mathbb{M}$	
asc. node	-3280 Jun 23 j 02:31	18° $\mathbb{M}$ 11'56		asc. node	-3279 Jun 09 j 23:35	7° $\mathbb{M}$ 18'14	
	-3280 Jun 29 j 12:19	0° $\mathbb{M}$		morning set	-3279 Jun 15 j 06:59	17° $\mathbb{M}$ 41'48	
morning set	-3280 Jul 01 j 03:25	3° $\mathbb{M}$ 11'41			-3279 Jun 21 j 07:41	0° $\mathbb{M}$	
superior conj	-3280 Jul 09 j 13:29	19° $\mathbb{M}$ 45'04	1°48'26	superior conj	-3279 Jun 23 j 02:29	3° $\mathbb{M}$ 36'09	1°41'40
minimum elong	-3280 Jul 09 j 12:53	19° $\mathbb{M}$ 42'11	1°48'31	minimum elong	-3279 Jun 23 j 00:29	3° $\mathbb{M}$ 26'04	1°41'39
	-3280 Jul 15 j 00:19	0° $\mathbb{M}$		max. Earth dist.	-3279 Jun 28 j 07:28	13° $\mathbb{M}$ 49'22	1.36644 AU
max. Earth dist.	-3280 Jul 16 j 02:45	2° $\mathbb{M}$ 00'25	1.38481 AU	evening rise	-3279 Jul 02 j 07:00	21° $\mathbb{M}$ 16'11	
evening rise	-3280 Jul 19 j 23:57	8° $\mathbb{M}$ 53'59			-3279 Jul 07 j 05:00	0° $\mathbb{M}$	
	-3280 Aug 01 j 22:56	0° $\mathbb{M}$		desc. node	-3279 Jul 21 j 22:19	23° $\mathbb{M}$ 13'36	
desc. node	-3280 Aug 04 j 01:20	3° $\mathbb{M}$ 09'50			-3279 Jul 26 j 19:50	0° $\mathbb{M}$	
evening max el	-3280 Aug 24 j 16:34	29° $\mathbb{M}$ 45'17	24°39'33	evening max el	-3279 Aug 07 j 03:29	13° $\mathbb{M}$ 17'43	25°51'20
	-3280 Aug 24 j 22:34	0° $\mathbb{M}$		retrograde	-3279 Aug 19 j 11:49	20° $\mathbb{M}$ 22'18	
retrograde	-3280 Sep 05 j 03:01	6° $\mathbb{M}$ 25'58		evening set	-3279 Aug 25 j 16:43	17° $\mathbb{M}$ 44'01	
evening set	-3280 Sep 10 j 17:05	4° $\mathbb{M}$ 03'22		min. Earth dist.	-3279 Aug 29 j 23:03	13° $\mathbb{M}$ 03'08	0.66618 AU
	-3280 Sep 14 j 09:05	30° $\mathbb{M}$ 03'22		inferior conj	-3279 Aug 31 j 04:40	11° $\mathbb{M}$ 29'04	-1°53'37
min. Earth dist.	-3280 Sep 15 j 07:52	28° $\mathbb{M}$ 45'13	0.67198 AU	minimum elong	-3279 Aug 31 j 07:19	11° $\mathbb{M}$ 20'39	1°52'31
inferior conj	-3280 Sep 16 j 02:00	27° $\mathbb{M}$ 44'42	-1°00'50	morning rise	-3279 Sep 05 j 22:04	5° $\mathbb{M}$ 34'12	
minimum elong	-3280 Sep 16 j 03:27	27° $\mathbb{M}$ 39'53	1°00'10	asc. node	-3279 Sep 05 j 22:46	5° $\mathbb{M}$ 33'06	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3279 Sep 09 j 04:27	4°Ω32'37		minimum elong	-3278 Aug 15 j 06:03	24°☿59'44	2°42'07
morning max el	-3279 Sep 16 j 06:03	8°Ω33'13	19°12'54	morning rise	-3278 Aug 21 j 02:59	19°☿28'18	
	-3279 Oct 01 j 15:15	0°☿		asc. node	-3278 Aug 23 j 19:54	18°☿40'17	
morning set	-3279 Oct 09 j 06:06	11°☿54'09		direct	-3278 Aug 24 j 01:41	18°☿39'57	
desc. node	-3279 Oct 17 j 21:57	25°☿28'52		morning max el	-3278 Aug 30 j 17:22	22°☿20'05	18°29'49
	-3279 Oct 20 j 18:57	0°♁			-3278 Sep 05 j 18:32	0°♁	
max. Earth dist.	-3279 Oct 23 j 13:37	4°♁22'46	1.44636 AU	morning set	-3278 Sep 19 j 13:08	21°♁50'09	
					-3278 Sep 24 j 14:25	0°☿	
superior conj	-3279 Oct 25 j 20:54	8°♁01'33	-0°49'21	superior conj	-3278 Oct 04 j 20:30	16°☿18'56	-0°00'26
minimum elong	-3279 Oct 25 j 14:57	7°♁37'57	0°48'39	minimum elong	-3278 Oct 04 j 20:27	16°☿18'45	0°00'24
	-3279 Nov 08 j 12:05	0°♁		behind sun begin	-3278 Oct 04 j 09:10	15°☿34'11	
evening rise	-3279 Nov 09 j 18:49	2°♁06'07		behind sun end	-3278 Oct 05 j 07:45	17°☿03'17	
	-3279 Nov 27 j 18:20	0°☿		desc. node	-3278 Oct 04 j 18:54	16°☿12'36	
evening max el	-3279 Nov 29 j 15:18	2°☿06'18	18°34'26	max. Earth dist.	-3278 Oct 06 j 07:42	18°☿37'40	1.44853 AU
asc. node	-3279 Dec 02 j 21:46	4°☿47'03			-3278 Oct 13 j 13:14	0°♁	
retrograde	-3279 Dec 06 j 06:50	5°☿48'20		evening rise	-3278 Oct 21 j 04:54	12°♁03'09	
evening set	-3279 Dec 09 j 07:09	4°☿57'40		greatest brilliancy	-3278 Oct 30 j 17:01	27°♁00'38	-0.8m
	-3279 Dec 14 j 16:01	30°☿♁			-3278 Nov 01 j 15:23	0°♁	
inferior conj	-3279 Dec 15 j 05:09	29°♁21'23	3°25'27	evening max el	-3278 Nov 13 j 00:59	15°♁32'25	19°13'47
minimum elong	-3279 Dec 15 j 02:11	29°♁30'09	3°24'42	asc. node	-3278 Nov 19 j 18:53	19°♁35'14	
min. Earth dist.	-3279 Dec 17 j 03:47	27°♁04'03	0.64602 AU	retrograde	-3278 Nov 20 j 02:23	19°♁35'47	
morning rise	-3279 Dec 20 j 20:49	23°♁16'42		evening set	-3278 Nov 23 j 09:07	18°♁33'10	
direct	-3279 Dec 27 j 16:41	20°♁25'15		inferior conj	-3278 Nov 29 j 00:57	12°♁41'38	2°48'59
morning max el	-3278 Jan 10 j 01:33	28°♁06'24	27°14'10	minimum elong	-3278 Nov 28 j 21:54	12°♁51'21	2°48'00
	-3278 Jan 11 j 21:32	0°☿		min. Earth dist.	-3278 Nov 30 j 09:28	10°♁58'24	0.65830 AU
desc. node	-3278 Jan 13 j 21:26	2°☿12'48		morning rise	-3278 Dec 04 j 10:24	6°♁30'59	
	-3278 Feb 02 j 10:39	0°☿		direct	-3278 Dec 10 j 19:05	3°♁44'30	
morning set	-3278 Feb 14 j 10:42	21°☿38'20		morning max el	-3278 Dec 23 j 11:17	11°♁10'56	26°17'59
	-3278 Feb 18 j 15:13	0°♁		desc. node	-3278 Dec 31 j 18:30	20°♁45'25	
max. Earth dist.	-3278 Feb 19 j 04:54	1°♁10'02	1.33939 AU		-3277 Jan 07 j 13:10	0°☿	
					-3277 Jan 26 j 00:05	0°☿	
superior conj	-3278 Feb 22 j 13:01	8°♁07'17	-1°02'01	morning set	-3277 Jan 28 j 14:24	4°☿47'09	
minimum elong	-3278 Feb 22 j 15:41	8°♁21'19	1°01'38	max. Earth dist.	-3277 Feb 01 j 16:38	12°☿37'28	1.35250 AU
asc. node	-3278 Feb 28 j 21:04	21°♁33'37					
evening rise	-3278 Mar 01 j 20:42	23°♁37'30		superior conj	-3277 Feb 06 j 11:26	22°☿12'26	-1°24'13
	-3278 Mar 04 j 23:23	0°☿		minimum elong	-3277 Feb 06 j 14:40	22°☿28'57	1°23'53
evening max el	-3278 Mar 22 j 19:16	27°☿11'04	22°00'16		-3277 Feb 10 j 06:01	0°♁	
	-3278 Mar 26 j 04:12	0°☿		evening rise	-3277 Feb 14 j 04:38	8°♁10'22	
retrograde	-3278 Apr 04 j 09:08	3°☿17'45		asc. node	-3277 Feb 15 j 18:06	11°♁21'29	
evening set	-3278 Apr 07 j 02:57	3°☿01'01			-3277 Feb 26 j 02:59	0°☿	
desc. node	-3278 Apr 11 j 20:20	1°☿23'21		evening max el	-3277 Mar 04 j 22:41	8°☿22'10	20°36'43
	-3278 Apr 14 j 13:22	30°☿☿		retrograde	-3277 Mar 15 j 22:51	13°☿36'57	
inferior conj	-3278 Apr 16 j 11:59	28°☿54'56	-1°17'07	evening set	-3277 Mar 18 j 05:50	13°☿24'14	
minimum elong	-3278 Apr 16 j 08:28	28°☿59'54	1°15'55	inferior conj	-3277 Mar 27 j 07:30	9°☿26'25	0°40'13
min. Earth dist.	-3278 Apr 16 j 01:15	29°☿10'03	0.55201 AU	minimum elong	-3277 Mar 27 j 09:18	9°☿23'48	0°39'32
morning rise	-3278 Apr 25 j 15:13	24°☿56'47		min. Earth dist.	-3277 Mar 28 j 15:27	8°☿40'05	0.55304 AU
direct	-3278 Apr 28 j 08:59	24°☿39'59		desc. node	-3277 Mar 29 j 17:28	8°☿03'04	
	-3278 May 10 j 00:26	0°☿		morning rise	-3277 Apr 05 j 11:30	5°☿09'59	
morning max el	-3278 May 10 j 08:30	0°☿18'33	21°29'31	direct	-3277 Apr 08 j 21:12	4°☿44'45	
asc. node	-3278 May 27 j 20:38	26°☿49'50		morning max el	-3277 Apr 22 j 05:24	11°☿15'07	23°05'12
	-3278 May 29 j 10:22	0°☿			-3277 May 06 j 02:08	0°☿	
morning set	-3278 May 30 j 15:21	2°☿28'40		asc. node	-3277 May 14 j 17:38	16°☿39'46	
				morning set	-3277 May 15 j 02:29	17°☿25'51	
superior conj	-3278 Jun 07 j 01:04	17°☿57'48	1°28'43		-3277 May 21 j 00:07	0°☿	
minimum elong	-3278 Jun 06 j 22:27	17°☿44'16	1°28'31				
max. Earth dist.	-3278 Jun 10 j 19:52	25°☿42'33	1.35092 AU	superior conj	-3277 May 22 j 06:06	2°☿40'08	1°11'12
	-3278 Jun 12 j 23:38	0°♁		minimum elong	-3277 May 22 j 03:32	2°☿26'29	1°10'52
evening rise	-3278 Jun 15 j 08:06	4°♁33'31		max. Earth dist.	-3277 May 24 j 18:02	7°☿57'08	1.33910 AU
	-3278 Jun 30 j 00:06	0°☿		evening rise	-3277 May 29 j 22:20	18°☿31'42	
desc. node	-3278 Jul 08 j 19:20	12°☿51'21			-3277 Jun 04 j 23:14	0°♁	
evening max el	-3278 Jul 20 j 14:45	26°☿47'12	26°47'16		-3277 Jun 24 j 05:09	0°☿	
	-3278 Jul 24 j 06:23	0°♁		desc. node	-3277 Jun 25 j 16:23	1°☿51'32	
retrograde	-3278 Aug 02 j 15:47	4°♁05'45		evening max el	-3277 Jul 03 j 01:54	10°☿03'59	27°19'48
evening set	-3278 Aug 09 j 09:29	1°♁18'32		retrograde	-3277 Jul 16 j 14:19	17°☿27'29	
	-3278 Aug 10 j 19:51	30°☿☿		evening set	-3277 Jul 23 j 16:27	14°☿42'01	
min. Earth dist.	-3278 Aug 13 j 08:05	27°☿15'53	0.65675 AU	min. Earth dist.	-3277 Jul 27 j 08:52	11°☿15'25	0.64355 AU
inferior conj	-3278 Aug 15 j 02:27	25°☿10'22	-2°43'23				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3277 Jul 29 j 16:57	8° $\text{♄}$ 43'38	-3°27'36	evening set	-3276 Jul 05 j 10:02	27° $\text{♄}$ 48'35	
minimum elong	-3277 Jul 29 j 20:55	8° $\text{♄}$ 32'54	3°26'29	min. Earth dist.	-3276 Jul 08 j 23:59	24° $\text{♄}$ 50'44	0.62677 AU
morning rise	-3277 Aug 05 j 02:05	3° $\text{♄}$ 17'23		inferior conj	-3276 Jul 11 j 21:19	22° $\text{♄}$ 03'00	-4°02'26
direct	-3277 Aug 07 j 19:25	2° $\text{♄}$ 39'05		minimum elong	-3276 Jul 12 j 00:40	21° $\text{♄}$ 54'52	4°01'47
asc. node	-3277 Aug 10 j 16:59	3° $\text{♄}$ 22'25		morning rise	-3276 Jul 18 j 16:28	16° $\text{♄}$ 55'28	
morning max el	-3277 Aug 14 j 07:48	6° $\text{♄}$ 07'11	18°03'46	direct	-3276 Jul 21 j 06:39	16° $\text{♄}$ 24'34	
	-3277 Aug 30 j 04:01	0° $\text{♄}$		asc. node	-3276 Jul 27 j 14:02	19° $\text{♄}$ 28'16	
morning set	-3277 Aug 31 j 23:29	3° $\text{♄}$ 04'36		morning max el	-3276 Jul 27 j 22:41	19° $\text{♄}$ 49'05	17°55'45
					-3276 Aug 04 j 11:26	0° $\text{♄}$	
superior conj	-3277 Sep 14 j 06:53	25° $\text{♄}$ 11'33	0°46'07	morning set	-3276 Aug 13 j 08:40	15° $\text{♄}$ 24'53	
minimum elong	-3277 Sep 14 j 11:48	25° $\text{♄}$ 31'23	0°45'36		-3276 Aug 21 j 15:45	0° $\text{♄}$	
	-3277 Sep 17 j 06:37	0° $\text{♄}$		superior conj	-3276 Aug 24 j 18:49	5° $\text{♄}$ 20'27	1°20'45
max. Earth dist.	-3277 Sep 19 j 00:54	2° $\text{♄}$ 48'33	1.44348 AU	minimum elong	-3276 Aug 25 j 00:12	5° $\text{♄}$ 43'13	1°20'18
desc. node	-3277 Sep 21 j 15:52	6° $\text{♄}$ 57'46		max. Earth dist.	-3276 Aug 31 j 14:53	16° $\text{♄}$ 40'04	1.43194 AU
evening rise	-3277 Sep 30 j 17:14	21° $\text{♄}$ 05'25		desc. node	-3276 Sep 07 j 12:49	27° $\text{♄}$ 41'26	
	-3277 Oct 06 j 12:19	0° $\text{♄}$		evening rise	-3276 Sep 08 j 21:55	29° $\text{♄}$ 50'39	
greatest brilliancy	-3277 Oct 14 j 12:46	12° $\text{♄}$ 06'23	-0.6m		-3276 Sep 09 j 00:19	0° $\text{♄}$	
evening max el	-3277 Oct 27 j 06:00	28° $\text{♄}$ 59'09	20°08'43		-3276 Sep 29 j 05:19	0° $\text{♄}$	
	-3277 Oct 28 j 06:39	0° $\text{♄}$		evening max el	-3276 Oct 09 j 05:10	12° $\text{♄}$ 25'47	21°16'34
retrograde	-3277 Nov 03 j 23:34	3° $\text{♄}$ 31'20		retrograde	-3276 Oct 17 j 20:23	17° $\text{♄}$ 32'51	
asc. node	-3277 Nov 06 j 15:59	2° $\text{♄}$ 49'36		evening set	-3276 Oct 21 j 22:37	15° $\text{♄}$ 58'49	
evening set	-3277 Nov 07 j 14:56	2° $\text{♄}$ 14'17		asc. node	-3276 Oct 23 j 13:04	14° $\text{♄}$ 30'51	
	-3277 Nov 10 j 01:21	30° $\text{♄}$		inferior conj	-3276 Oct 27 j 07:24	9° $\text{♄}$ 46'35	1°16'01
inferior conj	-3277 Nov 13 j 02:26	26° $\text{♄}$ 10'47	2°05'02	minimum elong	-3276 Oct 27 j 05:42	9° $\text{♄}$ 52'23	1°15'20
minimum elong	-3277 Nov 12 j 23:52	26° $\text{♄}$ 19'22	2°04'04	min. Earth dist.	-3276 Oct 27 j 16:00	9° $\text{♄}$ 17'01	0.67242 AU
min. Earth dist.	-3277 Nov 13 j 22:20	25° $\text{♄}$ 04'19	0.66703 AU	morning rise	-3276 Nov 01 j 12:38	3° $\text{♄}$ 31'42	
morning rise	-3277 Nov 18 j 08:34	19° $\text{♄}$ 56'43		direct	-3276 Nov 06 j 15:50	1° $\text{♄}$ 20'00	
direct	-3277 Nov 24 j 03:01	17° $\text{♄}$ 24'50		morning max el	-3276 Nov 17 j 04:50	7° $\text{♄}$ 37'24	23°36'47
morning max el	-3277 Dec 05 j 19:58	24° $\text{♄}$ 22'35	25°02'13	desc. node	-3276 Dec 04 j 12:30	29° $\text{♄}$ 48'11	
	-3277 Dec 10 j 21:45	0° $\text{♄}$			-3276 Dec 04 j 15:45	0° $\text{♄}$	
desc. node	-3277 Dec 18 j 15:30	10° $\text{♄}$ 01'20		morning set	-3276 Dec 22 j 10:03	27° $\text{♄}$ 53'45	
	-3277 Dec 31 j 23:54	0° $\text{♄}$			-3276 Dec 23 j 15:43	0° $\text{♄}$	
morning set	-3276 Jan 11 j 00:15	16° $\text{♄}$ 57'49		max. Earth dist.	-3276 Dec 26 j 12:47	4° $\text{♄}$ 59'23	1.39014 AU
max. Earth dist.	-3276 Jan 14 j 17:13	23° $\text{♄}$ 42'16	1.36984 AU				
	-3276 Jan 18 j 01:23	0° $\text{♄}$		superior conj	-3275 Jan 02 j 23:56	18° $\text{♄}$ 32'39	-1°53'49
superior conj	-3276 Jan 21 j 00:24	5° $\text{♄}$ 44'32	-1°42'20	minimum elong	-3275 Jan 03 j 01:34	18° $\text{♄}$ 40'18	1°53'53
minimum elong	-3276 Jan 21 j 03:26	5° $\text{♄}$ 59'27	1°42'11		-3275 Jan 08 j 23:46	0° $\text{♄}$	
evening rise	-3276 Jan 29 j 07:37	22° $\text{♄}$ 22'13		evening rise	-3275 Jan 12 j 03:09	6° $\text{♄}$ 06'24	
	-3276 Feb 02 j 04:32	0° $\text{♄}$		asc. node	-3275 Jan 19 j 12:11	19° $\text{♄}$ 54'39	
asc. node	-3276 Feb 02 j 15:09	0° $\text{♄}$			-3275 Jan 26 j 05:06	0° $\text{♄}$	
evening max el	-3276 Feb 15 j 12:53	20° $\text{♄}$ 09'54	19°29'58	evening max el	-3275 Jan 28 j 12:43	2° $\text{♄}$ 31'28	18°42'39
retrograde	-3276 Feb 24 j 20:37	24° $\text{♄}$ 35'56		retrograde	-3275 Feb 05 j 11:50	6° $\text{♄}$ 22'54	
evening set	-3276 Feb 27 j 03:56	24° $\text{♄}$ 20'55		evening set	-3275 Feb 07 j 22:41	6° $\text{♄}$ 02'22	
inferior conj	-3276 Mar 06 j 13:34	20° $\text{♄}$ 15'12	2°21'14	inferior conj	-3275 Feb 15 j 14:40	1° $\text{♄}$ 38'31	3°26'53
minimum elong	-3276 Mar 06 j 18:22	20° $\text{♄}$ 07'24	2°19'48	minimum elong	-3275 Feb 15 j 18:38	1° $\text{♄}$ 31'02	3°26'06
min. Earth dist.	-3276 Mar 09 j 06:13	18° $\text{♄}$ 30'58	0.56307 AU		-3275 Feb 17 j 18:53	30° $\text{♄}$	
morning rise	-3276 Mar 15 j 06:09	15° $\text{♄}$ 29'20		min. Earth dist.	-3275 Feb 18 j 22:40	29° $\text{♄}$ 09'14	0.57976 AU
desc. node	-3276 Mar 15 j 14:34	15° $\text{♄}$ 22'30		morning rise	-3275 Feb 23 j 12:05	26° $\text{♄}$ 24'10	
direct	-3276 Mar 19 j 19:09	14° $\text{♄}$ 42'31		direct	-3275 Mar 01 j 05:57	25° $\text{♄}$ 02'52	
morning max el	-3276 Apr 02 j 20:39	21° $\text{♄}$ 50'22	24°44'12	desc. node	-3275 Mar 02 j 11:39	25° $\text{♄}$ 06'39	
	-3276 Apr 09 j 23:33	0° $\text{♄}$			-3275 Mar 12 j 16:39	0° $\text{♄}$	
	-3276 Apr 27 j 10:18	0° $\text{♄}$		morning max el	-3275 Mar 15 j 12:29	2° $\text{♄}$ 31'21	26°12'05
morning set	-3276 Apr 28 j 14:39	2° $\text{♄}$ 27'51			-3275 Apr 04 j 03:29	0° $\text{♄}$	
asc. node	-3276 Apr 30 j 14:38	6° $\text{♄}$ 42'36		morning set	-3275 Apr 13 j 02:09	17° $\text{♄}$ 27'43	
				asc. node	-3275 Apr 17 j 11:37	26° $\text{♄}$ 52'48	
superior conj	-3276 May 05 j 15:13	17° $\text{♄}$ 35'30	0°50'22		-3275 Apr 18 j 21:55	0° $\text{♄}$	
minimum elong	-3276 May 05 j 13:11	17° $\text{♄}$ 24'28	0°50'00	superior conj	-3275 Apr 20 j 02:28	2° $\text{♄}$ 36'11	0°27'09
max. Earth dist.	-3276 May 07 j 00:47	20° $\text{♄}$ 36'58	1.33103 AU	minimum elong	-3275 Apr 20 j 01:17	2° $\text{♄}$ 29'45	0°26'53
	-3276 May 11 j 11:02	0° $\text{♄}$		max. Earth dist.	-3275 Apr 20 j 12:46	3° $\text{♄}$ 32'29	1.32650 AU
evening rise	-3276 May 12 j 21:51	2° $\text{♄}$ 58'57		evening rise	-3275 Apr 27 j 03:34	17° $\text{♄}$ 44'04	
	-3276 May 27 j 18:45	0° $\text{♄}$			-3275 May 03 j 07:56	0° $\text{♄}$	
desc. node	-3276 Jun 11 j 13:27	19° $\text{♄}$ 58'25			-3275 May 22 j 19:15	0° $\text{♄}$	
evening max el	-3276 Jun 14 j 11:05	22° $\text{♄}$ 56'18	27°22'44	evening max el	-3275 May 27 j 15:31	5° $\text{♄}$ 10'44	26°52'49
	-3276 Jun 25 j 15:46	0° $\text{♄}$		desc. node	-3275 May 29 j 10:31	6° $\text{♄}$ 48'29	
retrograde	-3276 Jun 28 j 06:36	0° $\text{♄}$		retrograde	-3275 Jun 10 j 15:22	12° $\text{♄}$ 30'12	
	-3276 Jun 30 j 19:40	30° $\text{♄}$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3275 Jun 17 j 09:57	10° $\Pi$ 28'43		evening max el	-3274 May 09 j 13:27	16° $\mathcal{B}$ 41'31	25°51'41
min. Earth dist.	-3275 Jun 21 j 05:03	7° $\Pi$ 46'40	0.60724 AU	desc. node	-3274 May 16 j 07:36	21° $\mathcal{B}$ 50'55	
inferior conj	-3275 Jun 24 j 12:07	4° $\Pi$ 59'06	-4°22'03	retrograde	-3274 May 23 j 15:21	23° $\mathcal{B}$ 56'17	
minimum elong	-3275 Jun 24 j 13:25	4° $\Pi$ 56'19	4°21'53	evening set	-3274 May 29 j 12:40	22° $\mathcal{B}$ 32'33	
morning rise	-3275 Jul 01 j 18:40	0° $\Pi$ 12'53		min. Earth dist.	-3274 Jun 03 j 01:51	19° $\mathcal{B}$ 49'11	0.58680 AU
	-3275 Jul 02 j 13:06	30° $\mathcal{R}$ 8		inferior conj	-3274 Jun 06 j 09:42	17° $\mathcal{B}$ 22'37	-4°17'49
direct	-3275 Jul 04 j 07:27	29° $\mathcal{B}$ 47'35		minimum elong	-3274 Jun 06 j 07:32	17° $\mathcal{B}$ 26'37	4°17'35
	-3275 Jul 06 j 01:08	0° $\Pi$		morning rise	-3274 Jun 14 j 05:03	12° $\mathcal{B}$ 58'32	
morning max el	-3275 Jul 11 j 11:12	3° $\Pi$ 18'04	18°06'43	direct	-3274 Jun 16 j 17:19	12° $\mathcal{B}$ 37'47	
asc. node	-3275 Jul 14 j 11:03	6° $\Pi$ 41'34		morning max el	-3274 Jun 24 j 18:33	16° $\mathcal{B}$ 26'26	18°37'33
morning set	-3275 Jul 27 j 10:59	28° $\Pi$ 34'49		asc. node	-3274 Jul 01 j 08:05	24° $\mathcal{B}$ 47'57	
	-3275 Jul 28 j 05:16	0° $\mathcal{E}$			-3274 Jul 04 j 10:58	0° $\Pi$	
				morning set	-3274 Jul 11 j 01:45	12° $\Pi$ 22'28	
superior conj	-3275 Aug 06 j 09:47	16° $\mathcal{E}$ 49'41	1°41'02	superior conj	-3274 Jul 19 j 22:58	29° $\Pi$ 26'12	1°48'40
minimum elong	-3275 Aug 06 j 12:57	17° $\mathcal{E}$ 03'50	1°40'56	minimum elong	-3274 Jul 19 j 23:34	29° $\Pi$ 29'02	1°48'46
max. Earth dist.	-3275 Aug 13 j 23:34	29° $\mathcal{E}$ 55'51	1.41534 AU		-3274 Jul 20 j 06:11	0° $\mathcal{E}$	
	-3275 Aug 14 j 00:34	0° $\mathcal{Q}$		max. Earth dist.	-3274 Jul 27 j 02:52	12° $\mathcal{E}$ 26'49	1.39601 AU
evening rise	-3275 Aug 19 j 14:22	9° $\mathcal{Q}$ 09'51		evening rise	-3274 Jul 31 j 06:59	19° $\mathcal{E}$ 37'54	
desc. node	-3275 Aug 25 j 09:48	18° $\mathcal{Q}$ 19'58			-3274 Aug 06 j 14:39	0° $\mathcal{Q}$	
	-3275 Sep 02 j 03:29	0° $\mathcal{M}$		desc. node	-3274 Aug 12 j 06:48	8° $\mathcal{Q}$ 49'09	
evening max el	-3275 Sep 21 j 22:22	25° $\mathcal{M}$ 52'11	22°33'33		-3274 Aug 27 j 08:45	0° $\mathcal{M}$	
	-3275 Sep 26 j 20:21	0° $\mathcal{L}$		evening max el	-3274 Sep 04 j 11:03	9° $\mathcal{M}$ 19'34	23°54'14
retrograde	-3275 Oct 01 j 15:13	1° $\mathcal{L}$ 37'51		retrograde	-3274 Sep 15 j 06:57	15° $\mathcal{M}$ 42'37	
	-3275 Oct 05 j 22:47	30° $\mathcal{R}$ $\mathcal{M}$		evening set	-3274 Sep 20 j 12:25	13° $\mathcal{M}$ 30'17	
evening set	-3275 Oct 06 j 06:22	29° $\mathcal{M}$ 44'54		inferior conj	-3274 Sep 25 j 20:22	7° $\mathcal{M}$ 10'48	-0°29'51
asc. node	-3275 Oct 10 j 10:08	25° $\mathcal{M}$ 02'44		minimum elong	-3274 Sep 25 j 21:05	7° $\mathcal{M}$ 08'25	0°29'30
inferior conj	-3275 Oct 11 j 13:58	23° $\mathcal{M}$ 27'20	0°23'51	min. Earth dist.	-3274 Sep 25 j 08:14	7° $\mathcal{M}$ 52'05	0.67376 AU
minimum elong	-3275 Oct 11 j 13:24	23° $\mathcal{M}$ 29'15	0°23'38	asc. node	-3274 Sep 27 j 07:13	5° $\mathcal{M}$ 14'06	
min. Earth dist.	-3275 Oct 11 j 12:07	23° $\mathcal{M}$ 33'42	0.67461 AU	morning rise	-3274 Oct 01 j 05:42	1° $\mathcal{M}$ 02'21	
morning rise	-3275 Oct 16 j 20:20	17° $\mathcal{M}$ 14'16			-3274 Oct 03 j 00:28	30° $\mathcal{R}$ $\mathcal{Q}$	
direct	-3275 Oct 21 j 08:42	15° $\mathcal{M}$ 24'32		direct	-3274 Oct 05 j 04:43	29° $\mathcal{Q}$ 33'33	
morning max el	-3275 Oct 30 j 17:04	20° $\mathcal{M}$ 57'22	22°11'00		-3274 Oct 07 j 11:26	0° $\mathcal{M}$	
	-3275 Nov 07 j 08:24	0° $\mathcal{L}$		morning max el	-3274 Oct 13 j 11:28	4° $\mathcal{M}$ 24'56	20°52'02
desc. node	-3275 Nov 21 j 09:29	19° $\mathcal{L}$ 57'11			-3274 Nov 01 j 10:44	0° $\mathcal{L}$	
	-3275 Nov 27 j 22:48	0° $\mathcal{M}$		desc. node	-3274 Nov 08 j 06:27	10° $\mathcal{L}$ 21'16	
morning set	-3275 Dec 02 j 15:18	7° $\mathcal{M}$ 26'21		morning set	-3274 Nov 11 j 19:53	15° $\mathcal{L}$ 51'56	
max. Earth dist.	-3275 Dec 08 j 11:25	17° $\mathcal{M}$ 02'17	1.41075 AU	max. Earth dist.	-3274 Nov 20 j 16:47	29° $\mathcal{L}$ 57'52	1.42877 AU
	-3275 Dec 15 j 23:39	0° $\mathcal{X}$			-3274 Nov 20 j 17:18	0° $\mathcal{M}$	
superior conj	-3275 Dec 16 j 05:02	0° $\mathcal{X}$ 23'56	-1°55'19	superior conj	-3274 Nov 27 j 09:55	11° $\mathcal{M}$ 03'50	-1°42'54
minimum elong	-3275 Dec 16 j 03:42	0° $\mathcal{X}$ 18'01	1°55'23	minimum elong	-3274 Nov 27 j 04:40	10° $\mathcal{M}$ 41'43	1°42'35
evening rise	-3275 Dec 26 j 12:10	19° $\mathcal{X}$ 15'58			-3274 Dec 08 j 07:49	0° $\mathcal{X}$	
	-3274 Jan 01 j 08:19	0° $\mathcal{Z}$		evening rise	-3274 Dec 09 j 06:44	1° $\mathcal{X}$ 41'51	
asc. node	-3274 Jan 06 j 09:14	8° $\mathcal{Z}$ 24'57		asc. node	-3274 Dec 24 j 06:18	26° $\mathcal{X}$ 10'43	
evening max el	-3274 Jan 11 j 19:39	15° $\mathcal{Z}$ 19'50	18°15'24	evening max el	-3274 Dec 26 j 06:51	28° $\mathcal{X}$ 26'26	18°07'57
retrograde	-3274 Jan 18 j 21:33	18° $\mathcal{Z}$ 52'33			-3274 Dec 28 j 01:11	0° $\mathcal{Z}$	
evening set	-3274 Jan 21 j 11:41	18° $\mathcal{Z}$ 25'04		retrograde	-3273 Jan 01 j 21:58	1° $\mathcal{Z}$ 54'01	
inferior conj	-3274 Jan 28 j 12:16	13° $\mathcal{Z}$ 39'51	3°56'51	evening set	-3273 Jan 04 j 15:19	1° $\mathcal{Z}$ 18'37	
minimum elong	-3274 Jan 28 j 13:35	13° $\mathcal{Z}$ 36'56	3°56'40		-3273 Jan 06 j 21:40	30° $\mathcal{R}$ $\mathcal{X}$	
min. Earth dist.	-3274 Jan 31 j 19:56	10° $\mathcal{Z}$ 46'45	0.59966 AU	inferior conj	-3273 Jan 11 j 03:30	26° $\mathcal{X}$ 12'19	3°59'05
morning rise	-3274 Feb 04 j 13:43	8° $\mathcal{Z}$ 03'59		minimum elong	-3273 Jan 11 j 02:25	26° $\mathcal{X}$ 15'02	3°58'55
direct	-3274 Feb 11 j 04:32	6° $\mathcal{Z}$ 04'00		min. Earth dist.	-3273 Jan 14 j 01:08	23° $\mathcal{X}$ 18'58	0.61960 AU
desc. node	-3274 Feb 17 j 08:44	7° $\mathcal{Z}$ 40'19		morning rise	-3273 Jan 17 j 12:25	20° $\mathcal{X}$ 21'58	
morning max el	-3274 Feb 25 j 09:45	13° $\mathcal{Z}$ 43'33	27°14'25	direct	-3273 Jan 24 j 13:01	17° $\mathcal{X}$ 50'20	
	-3274 Mar 10 j 10:16	0° $\approx$		desc. node	-3273 Feb 04 j 05:49	22° $\mathcal{X}$ 36'51	
	-3274 Mar 27 j 08:14	0° $\mathcal{X}$		morning max el	-3273 Feb 07 j 13:16	25° $\mathcal{X}$ 35'49	27°42'17
morning set	-3274 Mar 28 j 11:17	2° $\mathcal{X}$ 19'14			-3273 Feb 11 j 15:46	0° $\mathcal{Z}$	
max. Earth dist.	-3274 Apr 04 j 02:12	16° $\mathcal{X}$ 30'55	1.32535 AU		-3273 Mar 03 j 20:03	0° $\approx$	
asc. node	-3274 Apr 04 j 08:38	17° $\mathcal{X}$ 06'07		morning set	-3273 Mar 12 j 15:59	16° $\approx$ 54'37	
superior conj	-3274 Apr 04 j 14:10	17° $\mathcal{X}$ 36'22	0°02'26	max. Earth dist.	-3273 Mar 18 j 13:07	29° $\approx$ 17'14	1.32767 AU
minimum elong	-3274 Apr 04 j 14:03	17° $\mathcal{X}$ 35'45	0°02'23		-3273 Mar 18 j 21:02	0° $\mathcal{X}$	
behind sun begin	-3274 Apr 04 j 09:05	17° $\mathcal{X}$ 08'35		superior conj	-3273 Mar 20 j 00:40	2° $\mathcal{X}$ 29'41	-0°23'00
behind sun end	-3274 Apr 04 j 19:01	18° $\mathcal{X}$ 02'56		minimum elong	-3273 Mar 20 j 01:42	2° $\mathcal{X}$ 35'22	0°22'49
	-3274 Apr 10 j 07:07	0° $\mathcal{Y}$		asc. node	-3273 Mar 22 j 05:41	7° $\mathcal{X}$ 18'06	
evening rise	-3274 Apr 11 j 13:08	2° $\mathcal{Y}$ 38'53		evening rise	-3273 Mar 27 j 00:34	17° $\mathcal{X}$ 35'54	
	-3274 Apr 26 j 09:25	0° $\mathcal{B}$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3273 Apr 02 j 04:32	0°♿				-3272 Mar 25 j 21:10	0°♿	
evening max el	-3273 Apr 21 j 06:06	27°♿36'36	24°27'34		evening max el	-3272 Apr 01 j 22:24	8°♿18'09	22°53'27
	-3273 Apr 23 j 23:24	0°♿			retrograde	-3272 Apr 15 j 04:42	14°♿49'38	
desc. node	-3273 May 03 j 04:40	4°♿29'15			evening set	-3272 Apr 18 j 11:19	14°♿26'10	
retrograde	-3273 May 05 j 04:30	4°♿38'25			desc. node	-3272 Apr 19 j 01:48	14°♿16'57	
evening set	-3273 May 09 j 18:23	3°♿51'09			min. Earth dist.	-3272 Apr 26 j 08:18	10°♿57'43	0.55567 AU
min. Earth dist.	-3273 May 15 j 17:58	0°♿50'52	0.56842 AU		inferior conj	-3272 Apr 27 j 18:21	10°♿08'28	-2°19'08
	-3273 May 17 j 02:02	30°♿			minimum elong	-3272 Apr 27 j 12:43	10°♿16'39	2°17'24
inferior conj	-3273 May 18 j 11:28	29°♿06'05	-3°39'06		morning rise	-3272 May 06 j 16:20	6°♿11'42	
minimum elong	-3273 May 18 j 05:56	29°♿14'59	3°37'57		direct	-3272 May 09 j 06:12	5°♿55'56	
morning rise	-3273 May 26 j 20:36	25°♿00'32			morning max el	-3272 May 20 j 06:56	11°♿04'30	20°40'16
direct	-3273 May 29 j 08:33	24°♿43'25				-3272 Jun 02 j 13:30	0°♿	
morning max el	-3273 Jun 07 j 17:55	29°♿05'02	19°28'53		asc. node	-3272 Jun 04 j 02:13	2°♿53'17	
	-3273 Jun 08 j 16:27	0°♿			morning set	-3272 Jun 08 j 07:23	11°♿17'00	
asc. node	-3273 Jun 18 j 05:09	13°♿35'22						
morning set	-3273 Jun 25 j 01:30	26°♿39'11			superior conj	-3272 Jun 15 j 22:14	26°♿59'30	1°36'50
	-3273 Jun 26 j 17:34	0°♿			minimum elong	-3272 Jun 15 j 19:52	26°♿47'29	1°36'43
						-3272 Jun 17 j 09:49	0°♿	
superior conj	-3273 Jul 03 j 04:43	12°♿54'19	1°46'26		max. Earth dist.	-3272 Jun 20 j 12:09	6°♿09'19	1.35939 AU
minimum elong	-3273 Jul 03 j 03:25	12°♿47'55	1°46'31		evening rise	-3272 Jun 24 j 16:39	14°♿09'26	
max. Earth dist.	-3273 Jul 09 j 04:51	24°♿22'31	1.37662 AU			-3272 Jul 03 j 16:19	0°♿	
	-3273 Jul 12 j 06:55	0°♿			desc. node	-3272 Jul 16 j 00:50	18°♿57'49	
evening rise	-3273 Jul 13 j 01:14	1°♿21'44				-3272 Jul 24 j 12:16	0°♿	
desc. node	-3273 Jul 30 j 03:49	29°♿04'10			evening max el	-3272 Jul 30 j 09:04	6°♿22'48	26°17'41
	-3273 Jul 30 j 19:04	0°♿			retrograde	-3272 Aug 12 j 01:27	13°♿34'36	
evening max el	-3273 Aug 17 j 21:55	22°♿50'28	25°11'36		evening set	-3272 Aug 18 j 12:00	10°♿51'48	
retrograde	-3273 Aug 29 j 18:36	29°♿43'32			min. Earth dist.	-3272 Aug 22 j 15:00	6°♿26'53	0.66256 AU
evening set	-3273 Sep 04 j 15:00	27°♿13'37			inferior conj	-3272 Aug 24 j 01:48	4°♿39'15	-2°15'15
min. Earth dist.	-3273 Sep 09 j 02:03	22°♿10'57	0.66982 AU		minimum elong	-3272 Aug 24 j 04:54	4°♿29'40	2°14'03
inferior conj	-3273 Sep 10 j 00:57	20°♿55'51	-1°23'27			-3272 Aug 28 j 07:15	30°♿	
minimum elong	-3273 Sep 10 j 02:55	20°♿49'23	1°22'36		morning rise	-3272 Aug 29 j 22:01	28°♿49'09	
asc. node	-3273 Sep 14 j 04:18	16°♿04'32			asc. node	-3272 Aug 31 j 01:25	28°♿15'54	
morning rise	-3273 Sep 15 j 14:55	14°♿54'56			direct	-3272 Sep 02 j 00:51	27°♿53'32	
direct	-3273 Sep 19 j 02:40	13°♿44'22				-3272 Sep 06 j 23:39	0°♿	
morning max el	-3273 Sep 26 j 13:11	18°♿01'22	19°44'54		morning max el	-3272 Sep 08 j 21:25	1°♿44'34	18°52'30
	-3273 Oct 05 j 21:09	0°♿				-3272 Sep 28 j 08:20	0°♿	
morning set	-3273 Oct 21 j 18:32	24°♿07'43			morning set	-3272 Sep 30 j 10:07	3°♿17'32	
	-3273 Oct 25 j 13:07	0°♿			desc. node	-3272 Oct 12 j 00:26	21°♿37'00	
desc. node	-3273 Oct 26 j 03:27	0°♿55'59			max. Earth dist.	-3272 Oct 15 j 21:39	27°♿44'05	1.44818 AU
max. Earth dist.	-3273 Nov 03 j 04:48	13°♿36'58	1.44178 AU					
					superior conj	-3272 Oct 16 j 15:13	28°♿53'20	-0°29'10
superior conj	-3273 Nov 07 j 11:24	20°♿27'23	-1°13'33		minimum elong	-3272 Oct 16 j 11:25	28°♿38'22	0°28'41
minimum elong	-3273 Nov 07 j 04:10	19°♿58'15	1°12'49			-3272 Oct 17 j 08:08	0°♿	
	-3273 Nov 13 j 08:01	0°♿			evening rise	-3272 Nov 01 j 06:37	23°♿47'42	
evening rise	-3273 Nov 21 j 06:21	13°♿15'19				-3272 Nov 05 j 02:50	0°♿	
	-3273 Dec 01 j 06:29	0°♿			evening max el	-3272 Nov 22 j 07:04	25°♿09'32	18°49'15
evening max el	-3273 Dec 09 j 19:33	11°♿44'55	18°19'34		asc. node	-3272 Nov 27 j 00:26	28°♿35'50	
asc. node	-3273 Dec 11 j 03:23	12°♿59'22			retrograde	-3272 Nov 29 j 01:51	28°♿59'16	
retrograde	-3273 Dec 16 j 08:41	15°♿18'39			evening set	-3272 Dec 02 j 04:44	28°♿03'43	
evening set	-3273 Dec 19 j 06:04	14°♿34'05			inferior conj	-3272 Dec 07 j 23:53	22°♿20'49	3°11'04
inferior conj	-3273 Dec 25 j 08:35	9°♿08'17	3°41'46		minimum elong	-3272 Dec 07 j 20:48	22°♿30'15	3°10'12
minimum elong	-3273 Dec 25 j 06:02	9°♿15'26	3°41'15		min. Earth dist.	-3272 Dec 09 j 16:23	20°♿17'22	0.65172 AU
min. Earth dist.	-3273 Dec 27 j 15:56	6°♿33'58	0.63737 AU		morning rise	-3272 Dec 13 j 12:32	16°♿13'34	
morning rise	-3273 Dec 31 j 05:23	3°♿08'04			direct	-3272 Dec 20 j 04:21	13°♿22'37	
direct	-3272 Jan 07 j 05:27	0°♿19'08			morning max el	-3271 Jan 02 j 06:35	20°♿58'33	26°53'15
morning max el	-3272 Jan 20 j 21:03	8°♿04'17	27°33'52		desc. node	-3271 Jan 07 j 23:59	27°♿19'42	
desc. node	-3272 Jan 22 j 02:54	9°♿20'14				-3271 Jan 10 j 03:37	0°♿	
	-3272 Feb 06 j 21:36	0°♿				-3271 Jan 30 j 00:13	0°♿	
	-3272 Feb 24 j 00:34	0°♿			morning set	-3271 Feb 07 j 01:17	14°♿40'35	
morning set	-3272 Feb 24 j 13:45	1°♿05'12			max. Earth dist.	-3271 Feb 11 j 12:07	23°♿26'02	1.34442 AU
max. Earth dist.	-3272 Feb 29 j 17:32	11°♿38'13	1.33388 AU			-3271 Feb 14 j 17:11	0°♿	
superior conj	-3272 Mar 03 j 08:12	17°♿10'09	-0°48'07		superior conj	-3271 Feb 15 j 10:42	1°♿31'03	-1°11'48
minimum elong	-3272 Mar 03 j 10:20	17°♿21'34	0°47'46		minimum elong	-3271 Feb 15 j 13:41	1°♿46'31	1°11'25
asc. node	-3272 Mar 08 j 02:43	27°♿24'26			evening rise	-3271 Feb 22 j 21:55	17°♿11'22	
	-3272 Mar 09 j 07:55	0°♿			asc. node	-3271 Feb 22 j 23:45	17°♿20'52	
evening rise	-3272 Mar 10 j 12:05	2°♿28'44				-3271 Mar 01 j 09:17	0°♿	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3271 Mar 14 j 20:31	19° $\text{H}$ 13'22	21°23'00		evening max el	-3270 Feb 24 j 12:24	0° $\text{H}$	
retrograde	-3271 Mar 26 j 19:05	24° $\text{H}$ 57'53		evening max el	-3270 Feb 25 j 04:25	0° $\text{H}$ 39'20	20°06'00	
evening set	-3271 Mar 29 j 06:41	24° $\text{H}$ 43'49		retrograde	-3270 Mar 07 j 10:52	5° $\text{H}$ 32'23		
desc. node	-3271 Apr 05 j 22:55	21° $\text{H}$ 38'37		evening set	-3270 Mar 09 j 17:17	5° $\text{H}$ 19'08		
inferior conj	-3271 Apr 07 j 14:12	20° $\text{H}$ 43'48	-0°27'26	inferior conj	-3270 Mar 18 j 12:39	1° $\text{H}$ 19'13	1°26'38	
minimum elong	-3271 Apr 07 j 12:55	20° $\text{H}$ 45'37	0°27'00	minimum elong	-3270 Mar 18 j 16:14	1° $\text{H}$ 13'49	1°25'24	
min. Earth dist.	-3271 Apr 07 j 22:07	20° $\text{H}$ 32'40	0.55134 AU	min. Earth dist.	-3270 Mar 20 j 12:08	0° $\text{H}$ 07'47	0.55635 AU	
morning rise	-3271 Apr 16 j 19:14	16° $\text{H}$ 40'04			-3270 Mar 20 j 17:24	30° $\text{R}$ $\approx$		
direct	-3271 Apr 19 j 18:33	16° $\text{H}$ 20'45		desc. node	-3270 Mar 23 j 20:02	28° $\approx$ 18'06		
morning max el	-3271 May 02 j 09:05	22° $\text{H}$ 22'05	22°08'54	morning rise	-3270 Mar 27 j 13:16	26° $\approx$ 51'21		
	-3271 May 08 j 23:18	0° $\text{Y}$		direct	-3270 Mar 31 j 09:35	26° $\approx$ 18'54		
asc. node	-3271 May 21 j 23:16	22° $\text{Y}$ 33'52			-3270 Apr 10 j 09:39	0° $\text{H}$		
morning set	-3271 May 23 j 17:11	26° $\text{Y}$ 09'25		morning max el	-3270 Apr 14 j 02:52	3° $\text{H}$ 06'28	23°47'39	
	-3271 May 25 j 13:14	0° $\text{B}$			-3270 May 02 j 15:45	0° $\text{Y}$		
				morning set	-3270 May 08 j 04:59	11° $\text{Y}$ 09'32		
superior conj	-3271 May 30 j 23:54	11° $\text{B}$ 31'06	1°21'46	asc. node	-3270 May 08 j 20:16	12° $\text{Y}$ 29'56		
minimum elong	-3271 May 30 j 21:14	11° $\text{B}$ 17'08	1°21'29					
max. Earth dist.	-3271 Jun 03 j 05:03	18° $\text{B}$ 12'07	1.34551 AU	superior conj	-3270 May 15 j 06:56	26° $\text{Y}$ 19'42	1°02'43	
evening rise	-3271 Jun 07 j 23:57	27° $\text{B}$ 46'10		minimum elong	-3270 May 15 j 04:33	26° $\text{Y}$ 06'53	1°02'20	
	-3271 Jun 09 j 03:44	0° $\text{II}$			-3270 May 17 j 00:06	0° $\text{B}$		
	-3271 Jun 26 j 21:57	0° $\text{E}$		max. Earth dist.	-3270 May 17 j 07:22	0° $\text{B}$ 38'40	1.33529 AU	
desc. node	-3271 Jul 02 j 21:51	8° $\text{E}$ 20'57		evening rise	-3270 May 22 j 18:33	11° $\text{B}$ 57'46		
evening max el	-3271 Jul 12 j 20:41	19° $\text{E}$ 48'47	27°04'22		-3270 Jun 01 j 09:45	0° $\text{II}$		
retrograde	-3271 Jul 26 j 02:52	27° $\text{E}$ 09'20		desc. node	-3270 Jun 19 j 18:55	27° $\text{II}$ 00'35		
evening set	-3271 Aug 02 j 00:54	24° $\text{E}$ 21'38			-3270 Jun 22 j 10:13	0° $\text{E}$		
min. Earth dist.	-3271 Aug 05 j 20:45	20° $\text{E}$ 34'43	0.65166 AU	evening max el	-3270 Jun 25 j 07:12	2° $\text{E}$ 56'16	27°24'47	
inferior conj	-3271 Aug 07 j 20:47	18° $\text{E}$ 17'30	-3°03'02	retrograde	-3270 Jul 08 j 22:40	10° $\text{E}$ 19'25		
minimum elong	-3271 Aug 08 j 00:37	18° $\text{E}$ 06'32	3°01'47	evening set	-3270 Jul 16 j 02:38	7° $\text{E}$ 38'29		
morning rise	-3271 Aug 14 j 00:47	12° $\text{E}$ 41'36		min. Earth dist.	-3270 Jul 19 j 17:20	4° $\text{E}$ 25'37	0.63689 AU	
direct	-3271 Aug 16 j 21:01	11° $\text{E}$ 57'43		inferior conj	-3270 Jul 22 j 07:20	1° $\text{E}$ 45'27	-3°43'49	
asc. node	-3271 Aug 17 j 22:31	12° $\text{E}$ 03'50		minimum elong	-3270 Jul 22 j 11:11	1° $\text{E}$ 35'29	3°42'52	
morning max el	-3271 Aug 23 j 10:18	15° $\text{E}$ 31'25	18°16'33		-3270 Jul 24 j 01:05	30° $\text{R}$ $\text{II}$		
	-3271 Sep 02 j 19:40	0° $\text{Q}$		morning rise	-3270 Jul 28 j 20:35	26° $\text{II}$ 27'03		
morning set	-3271 Sep 11 j 05:02	13° $\text{Q}$ 47'38		direct	-3270 Jul 31 j 12:25	25° $\text{II}$ 52'06		
	-3271 Sep 21 j 03:16	0° $\text{P}$		asc. node	-3270 Aug 04 j 19:35	27° $\text{II}$ 23'22		
				morning max el	-3270 Aug 07 j 01:18	29° $\text{II}$ 17'12	17°58'07	
superior conj	-3271 Sep 25 j 16:34	7° $\text{P}$ 17'00	0°20'23		-3270 Aug 07 j 17:49	0° $\text{E}$		
minimum elong	-3271 Sep 25 j 19:06	7° $\text{P}$ 27'04	0°20'06	morning set	-3270 Aug 24 j 01:48	25° $\text{E}$ 32'02		
max. Earth dist.	-3271 Sep 28 j 16:12	12° $\text{P}$ 00'50	1.44728 AU		-3270 Aug 26 j 15:48	0° $\text{Q}$		
desc. node	-3271 Sep 28 j 21:21	12° $\text{P}$ 21'10						
	-3271 Oct 10 j 03:32	0° $\text{A}$		superior conj	-3270 Sep 05 j 12:55	16° $\text{Q}$ 39'37	1°02'35	
evening rise	-3271 Oct 12 j 06:25	3° $\text{A}$ 18'24		minimum elong	-3270 Sep 05 j 18:32	17° $\text{Q}$ 02'42	1°02'01	
greatest brilliancy	-3271 Oct 23 j 23:45	21° $\text{A}$ 26'36	-0.7m	max. Earth dist.	-3270 Sep 11 j 08:41	26° $\text{Q}$ 06'47	1.43927 AU	
	-3271 Oct 29 j 18:53	0° $\text{M}$			-3270 Sep 13 j 19:14	0° $\text{P}$		
evening max el	-3271 Nov 05 j 14:58	8° $\text{M}$ 35'47	19°35'28	desc. node	-3270 Sep 15 j 18:18	3° $\text{P}$ 05'56		
retrograde	-3271 Nov 12 j 22:20	12° $\text{M}$ 50'15		evening rise	-3270 Sep 21 j 13:15	12° $\text{P}$ 07'30		
asc. node	-3271 Nov 13 j 21:31	12° $\text{M}$ 44'52			-3270 Oct 03 j 07:46	0° $\text{A}$		
evening set	-3271 Nov 16 j 08:35	11° $\text{M}$ 41'35		evening max el	-3270 Oct 19 j 17:30	22° $\text{A}$ 02'02	20°36'12	
inferior conj	-3271 Nov 21 j 22:20	5° $\text{M}$ 44'29	2°31'05	retrograde	-3270 Oct 27 j 19:41	26° $\text{A}$ 48'45		
minimum elong	-3271 Nov 21 j 19:26	5° $\text{M}$ 53'57	2°30'04	evening set	-3270 Oct 31 j 15:25	25° $\text{A}$ 24'36		
min. Earth dist.	-3271 Nov 23 j 01:12	4° $\text{M}$ 17'05	0.66241 AU	asc. node	-3270 Oct 31 j 18:36	25° $\text{A}$ 18'39		
	-3271 Nov 26 j 18:06	30° $\text{R}$ $\text{A}$		inferior conj	-3270 Nov 06 j 01:32	19° $\text{A}$ 16'42	1°44'44	
morning rise	-3271 Nov 27 j 06:04	29° $\text{A}$ 32'20		minimum elong	-3270 Nov 05 j 23:18	19° $\text{A}$ 24'16	1°43'52	
direct	-3271 Dec 03 j 08:56	26° $\text{A}$ 51'22		min. Earth dist.	-3270 Nov 06 j 16:25	18° $\text{A}$ 26'15	0.66963 AU	
	-3271 Dec 11 j 00:02	0° $\text{M}$		morning rise	-3270 Nov 11 j 07:00	13° $\text{A}$ 01'56		
morning max el	-3271 Dec 15 j 15:51	4° $\text{M}$ 06'34	25°47'44	direct	-3270 Nov 16 j 18:52	10° $\text{A}$ 38'28		
desc. node	-3271 Dec 25 j 21:00	16° $\text{M}$ 12'03		morning max el	-3270 Nov 28 j 00:32	17° $\text{A}$ 20'24	24°26'38	
	-3270 Jan 04 j 12:51	0° $\text{J}$			-3270 Dec 08 j 14:33	0° $\text{M}$		
morning set	-3270 Jan 20 j 22:04	27° $\text{J}$ 26'15		desc. node	-3270 Dec 12 j 17:58	5° $\text{M}$ 42'08		
	-3270 Jan 22 j 07:19	0° $\text{B}$			-3270 Dec 28 j 13:44	0° $\text{J}$		
max. Earth dist.	-3270 Jan 24 j 19:04	4° $\text{B}$ 42'12	1.35941 AU	morning set	-3269 Jan 02 j 22:27	9° $\text{J}$ 06'55		
				max. Earth dist.	-3269 Jan 06 j 16:49	15° $\text{J}$ 48'29	1.37821 AU	
superior conj	-3270 Jan 30 j 05:30	15° $\text{B}$ 23'12	-1°32'31					
minimum elong	-3270 Jan 30 j 08:46	15° $\text{B}$ 39'38	1°32'16	superior conj	-3269 Jan 13 j 13:14	28° $\text{J}$ 37'25	-1°48'11	
	-3270 Feb 06 j 09:09	0° $\approx$		minimum elong	-3269 Jan 13 j 15:51	28° $\text{J}$ 50'03	1°48'09	
evening rise	-3270 Feb 07 j 04:01	1° $\approx$ 36'15			-3269 Jan 14 j 06:20	0° $\text{B}$		
asc. node	-3270 Feb 09 j 20:46	7° $\approx$ 01'37		evening rise	-3269 Jan 22 j 04:10	15° $\text{B}$ 37'02		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3269 Jan 27 j 17:47	26° $\text{Z}$ 20'48		asc. node	-3268 Jan 14 j 14:49	15° $\text{Z}$ 11'04	
	-3269 Jan 29 j 18:42	0° $\approx$		evening max el	-3268 Jan 22 j 02:02	25° $\text{Z}$ 14'57	18°28'42
evening max el	-3269 Feb 07 j 22:51	12° $\approx$ 41'23	19°07'23	retrograde	-3268 Jan 29 j 14:49	28° $\text{Z}$ 56'30	
retrograde	-3269 Feb 16 j 15:43	16° $\approx$ 51'16		evening set	-3268 Feb 01 j 03:04	28° $\text{Z}$ 33'14	
evening set	-3269 Feb 19 j 00:15	16° $\approx$ 34'17		inferior conj	-3268 Feb 08 j 12:11	24° $\text{Z}$ 00'52	3°43'33
inferior conj	-3269 Feb 27 j 02:15	12° $\approx$ 21'27	2°53'43	minimum elong	-3268 Feb 08 j 15:06	23° $\text{Z}$ 54'59	3°43'05
minimum elong	-3269 Feb 27 j 07:05	12° $\approx$ 13'06	2°52'28	min. Earth dist.	-3268 Feb 11 j 21:51	21° $\text{Z}$ 18'09	0.58796 AU
min. Earth dist.	-3269 Mar 02 j 03:29	10° $\approx$ 15'54	0.56952 AU	morning rise	-3268 Feb 16 j 00:49	18° $\text{Z}$ 36'12	
morning rise	-3269 Mar 07 j 11:10	7° $\approx$ 22'24		direct	-3268 Feb 22 j 04:59	16° $\text{Z}$ 57'55	
desc. node	-3269 Mar 10 j 17:08	6° $\approx$ 30'11		desc. node	-3268 Feb 25 j 14:12	17° $\text{Z}$ 26'43	
direct	-3269 Mar 12 j 12:34	6° $\approx$ 22'24		morning max el	-3268 Mar 07 j 11:35	24° $\text{Z}$ 32'54	26°42'24
morning max el	-3269 Mar 26 j 17:50	13° $\approx$ 41'07	25°23'50		-3268 Mar 12 j 11:35	0° $\approx$	
	-3269 Apr 08 j 13:16	0° $\text{X}$			-3268 Mar 31 j 14:32	0° $\text{X}$	
morning set	-3269 Apr 22 j 17:05	26° $\text{X}$ 11'17		morning set	-3268 Apr 06 j 03:49	11° $\text{X}$ 08'38	
	-3269 Apr 24 j 12:12	0° $\text{Y}$		asc. node	-3268 Apr 11 j 14:17	22° $\text{X}$ 48'35	
asc. node	-3269 Apr 25 j 17:16	2° $\text{Y}$ 36'19					
				superior conj	-3268 Apr 13 j 04:52	26° $\text{X}$ 19'47	0°16'49
superior conj	-3269 Apr 29 j 17:11	11° $\text{Y}$ 18'03	0°40'45	minimum elong	-3268 Apr 13 j 04:08	26° $\text{X}$ 15'43	0°16'38
minimum elong	-3269 Apr 29 j 15:29	11° $\text{Y}$ 08'46	0°40'25	max. Earth dist.	-3268 Apr 13 j 05:35	26° $\text{X}$ 23'42	1.32553 AU
max. Earth dist.	-3269 Apr 30 j 16:40	13° $\text{Y}$ 25'44	1.32869 AU		-3268 Apr 14 j 21:07	0° $\text{Y}$	
evening rise	-3269 May 06 j 21:01	26° $\text{Y}$ 33'19		evening rise	-3268 Apr 20 j 04:39	11° $\text{Y}$ 23'53	
	-3269 May 08 j 13:41	0° $\text{Z}$			-3268 Apr 29 j 19:16	0° $\text{Z}$	
	-3269 May 25 j 20:39	0° $\text{II}$		evening max el	-3268 May 19 j 16:17	27° $\text{Z}$ 29'37	26°30'23
desc. node	-3269 Jun 06 j 16:00	14° $\text{II}$ 37'52			-3268 May 22 j 12:39	0° $\text{II}$	
evening max el	-3269 Jun 07 j 14:25	15° $\text{II}$ 32'40	27°13'54	desc. node	-3268 May 23 j 13:05	0° $\text{II}$ 47'09	
retrograde	-3269 Jun 21 j 12:09	22° $\text{II}$ 54'48		retrograde	-3268 Jun 02 j 17:50	4° $\text{II}$ 48'00	
evening set	-3269 Jun 28 j 13:16	20° $\text{II}$ 34'56		evening set	-3268 Jun 09 j 04:38	3° $\text{II}$ 02'07	
min. Earth dist.	-3269 Jul 02 j 03:59	17° $\text{II}$ 45'57	0.61871 AU	min. Earth dist.	-3268 Jun 13 j 05:35	0° $\text{II}$ 21'20	0.59848 AU
inferior conj	-3269 Jul 05 j 06:20	14° $\text{II}$ 55'35	-4°13'04		-3268 Jun 13 j 16:37	30° $\text{R}$ $\text{Z}$	
minimum elong	-3269 Jul 05 j 09:01	14° $\text{II}$ 49'26	4°12'39	inferior conj	-3268 Jun 16 j 14:21	27° $\text{Z}$ 39'57	-4°23'49
morning rise	-3269 Jul 12 j 06:13	9° $\text{II}$ 57'14		minimum elong	-3268 Jun 16 j 14:19	27° $\text{Z}$ 40'00	4°23'44
direct	-3269 Jul 14 j 19:33	9° $\text{II}$ 29'02		morning rise	-3268 Jun 24 j 02:11	23° $\text{Z}$ 03'07	
morning max el	-3269 Jul 21 j 15:36	12° $\text{II}$ 54'48	17°58'03	direct	-3268 Jun 26 j 14:31	22° $\text{Z}$ 39'58	
asc. node	-3269 Jul 22 j 16:38	13° $\text{II}$ 59'44		morning max el	-3268 Jul 04 j 02:22	26° $\text{Z}$ 16'58	18°17'16
	-3269 Aug 02 j 05:08	0° $\text{Z}$			-3268 Jul 07 j 08:56	0° $\text{II}$	
morning set	-3269 Aug 06 j 18:54	8° $\text{Z}$ 14'41		asc. node	-3268 Jul 08 j 13:42	1° $\text{II}$ 37'54	
				morning set	-3268 Jul 20 j 03:06	21° $\text{II}$ 42'34	
superior conj	-3269 Aug 17 j 12:45	27° $\text{Z}$ 23'52	1°31'03		-3268 Jul 24 j 12:14	0° $\text{Z}$	
minimum elong	-3269 Aug 17 j 17:22	27° $\text{Z}$ 43'48	1°30'46				
	-3269 Aug 19 j 01:05	0° $\Omega$		superior conj	-3268 Jul 29 j 13:58	9° $\text{Z}$ 24'11	1°45'38
max. Earth dist.	-3269 Aug 24 j 20:10	9° $\Omega$ 43'02	1.42531 AU	minimum elong	-3268 Jul 29 j 16:00	9° $\text{Z}$ 33'29	1°45'40
evening rise	-3269 Aug 31 j 20:37	21° $\Omega$ 00'30		max. Earth dist.	-3268 Aug 06 j 02:01	22° $\text{Z}$ 38'54	1.40735 AU
desc. node	-3269 Sep 02 j 15:17	23° $\Omega$ 47'41			-3268 Aug 10 j 11:09	0° $\Omega$	
	-3269 Sep 06 j 15:47	0° $\text{P}$		evening rise	-3268 Aug 10 j 22:43	0° $\Omega$ 47'33	
	-3269 Sep 27 j 18:51	0° $\text{Z}$		desc. node	-3268 Aug 19 j 12:17	14° $\Omega$ 23'00	
evening max el	-3269 Oct 02 j 13:54	5° $\text{Z}$ 27'35	21°48'30		-3268 Aug 30 j 02:40	0° $\text{P}$	
retrograde	-3269 Oct 11 j 15:56	10° $\text{Z}$ 51'31		evening max el	-3268 Sep 14 j 05:01	18° $\text{P}$ 54'35	23°07'49
evening set	-3269 Oct 15 j 23:19	9° $\text{Z}$ 09'44		retrograde	-3268 Sep 24 j 09:34	24° $\text{P}$ 56'38	
asc. node	-3269 Oct 18 j 15:41	6° $\text{Z}$ 25'33		evening set	-3268 Sep 29 j 06:34	22° $\text{P}$ 55'39	
inferior conj	-3269 Oct 21 j 07:24	2° $\text{Z}$ 54'37	0°54'11	inferior conj	-3268 Oct 04 j 14:08	16° $\text{P}$ 36'56	0°01'11
minimum elong	-3269 Oct 21 j 06:10	2° $\text{Z}$ 58'52	0°53'40	minimum elong	-3268 Oct 04 j 14:07	16° $\text{P}$ 37'02	0°01'11
min. Earth dist.	-3269 Oct 21 j 11:30	2° $\text{Z}$ 40'25	0.67367 AU	transit middle	-3268 Oct 04 j 14:07	16° $\text{P}$ 37'02	0°01'11
	-3269 Oct 23 j 11:11	30° $\text{R}$ $\text{P}$		transit begin	-3268 Oct 04 j 11:25	16° $\text{P}$ 46'19	
morning rise	-3269 Oct 26 j 12:51	26° $\text{P}$ 39'54		transit end	-3268 Oct 04 j 16:48	16° $\text{P}$ 27'46	
direct	-3269 Oct 31 j 09:32	24° $\text{P}$ 37'31		min. Earth dist.	-3268 Oct 04 j 08:02	16° $\text{P}$ 57'58	0.67466 AU
	-3269 Nov 09 j 19:40	0° $\text{Z}$		asc. node	-3268 Oct 04 j 12:46	16° $\text{P}$ 41'40	
morning max el	-3269 Nov 10 j 10:26	0° $\text{Z}$ 36'45	22°59'48	morning rise	-3268 Oct 09 j 21:33	10° $\text{P}$ 25'15	
desc. node	-3269 Nov 29 j 14:57	25° $\text{Z}$ 38'48		direct	-3268 Oct 14 j 04:04	8° $\text{P}$ 44'26	
	-3269 Dec 02 j 12:59	0° $\text{P}$		morning max el	-3268 Oct 23 j 00:52	13° $\text{P}$ 58'59	21°36'03
morning set	-3269 Dec 14 j 20:19	19° $\text{P}$ 27'01			-3268 Nov 04 j 16:25	0° $\text{Z}$	
max. Earth dist.	-3269 Dec 19 j 12:16	27° $\text{P}$ 19'19	1.39897 AU	desc. node	-3268 Nov 15 j 11:57	15° $\text{Z}$ 54'43	
	-3269 Dec 21 j 01:24	0° $\text{X}$		morning set	-3268 Nov 23 j 13:38	28° $\text{Z}$ 25'48	
					-3268 Nov 24 j 13:21	0° $\text{P}$	
superior conj	-3269 Dec 27 j 05:32	11° $\text{X}$ 02'07	-1°55'55	max. Earth dist.	-3268 Nov 30 j 13:06	9° $\text{P}$ 42'54	1.41892 AU
minimum elong	-3269 Dec 27 j 06:06	11° $\text{X}$ 04'42	1°56'01				
evening rise	-3268 Jan 05 j 19:35	29° $\text{X}$ 06'29		superior conj	-3268 Dec 08 j 00:59	22° $\text{P}$ 24'27	-1°51'59
	-3268 Jan 06 j 06:47	0° $\text{Z}$		minimum elong	-3268 Dec 07 j 22:00	22° $\text{P}$ 11'30	1°51'56

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3268 Dec 12 j 08:28	0°♊			-3267 Nov 17 j 05:20	0°♎	
evening rise	-3268 Dec 18 j 22:55	11°♊57'51					
	-3268 Dec 29 j 05:25	0°♊		superior conj	-3267 Nov 18 j 18:21	2°♎32'10	-1°32'34
asc. node	-3268 Dec 31 j 11:52	3°♊23'34		minimum elong	-3267 Nov 18 j 11:45	2°♎04'59	1°32'03
evening max el	-3267 Jan 04 j 11:12	8°♊12'04	18°09'57	evening rise	-3267 Dec 01 j 10:02	24°♎02'58	
retrograde	-3267 Jan 11 j 07:08	11°♊40'39			-3267 Dec 04 j 20:02	0°♊	
evening set	-3267 Jan 13 j 22:44	11°♊09'49		asc. node	-3267 Dec 18 j 08:56	20°♊47'02	
inferior conj	-3267 Jan 20 j 17:40	6°♊15'38	4°00'41	evening max el	-3267 Dec 18 j 23:25	21°♊24'51	18°10'37
minimum elong	-3267 Jan 20 j 17:52	6°♊15'08	4°00'34	retrograde	-3267 Dec 25 j 12:32	24°♊53'39	
min. Earth dist.	-3267 Jan 23 j 22:00	3°♊19'41	0.60829 AU	evening set	-3267 Dec 28 j 07:35	24°♊14'22	
morning rise	-3267 Jan 27 j 11:34	0°♊33'16		inferior conj	-3266 Jan 03 j 15:17	18°♊59'15	3°53'43
	-3267 Jan 28 j 09:26	30°♋♊		minimum elong	-3266 Jan 03 j 13:27	19°♊04'05	3°53'25
direct	-3267 Feb 03 j 08:12	28°♊18'09		min. Earth dist.	-3266 Jan 06 j 06:58	16°♊12'24	0.62752 AU
	-3267 Feb 09 j 14:37	0°♊		morning rise	-3266 Jan 09 j 18:32	13°♊04'26	
desc. node	-3267 Feb 11 j 11:17	1°♊05'05		direct	-3266 Jan 16 j 20:01	10°♊23'53	
morning max el	-3267 Feb 17 j 11:17	6°♊00'26	27°30'50	desc. node	-3266 Jan 29 j 08:22	16°♊51'34	
	-3267 Mar 07 j 11:54	0°♋		morning max el	-3266 Jan 30 j 16:56	18°♊09'13	27°43'09
morning set	-3267 Mar 21 j 11:19	25°♋53'53			-3266 Feb 09 j 17:09	0°♊	
	-3267 Mar 23 j 10:29	0°♋			-3266 Feb 28 j 06:06	0°♋	
max. Earth dist.	-3267 Mar 27 j 18:22	9°♋18'19	1.32584 AU	morning set	-3266 Mar 05 j 13:23	10°♋19'40	
				max. Earth dist.	-3266 Mar 11 j 03:12	21°♋56'16	1.32984 AU
superior conj	-3267 Mar 28 j 16:15	11°♋17'44	-0°08'20				
minimum elong	-3267 Mar 28 j 16:38	11°♋19'47	0°08'17	superior conj	-3266 Mar 13 j 01:42	26°♋06'09	-0°33'44
behind sun begin	-3267 Mar 28 j 12:18	10°♋56'09		minimum elong	-3266 Mar 13 j 03:14	26°♋14'23	0°33'28
behind sun end	-3267 Mar 28 j 20:58	11°♋43'26			-3266 Mar 14 j 20:55	0°♋	
asc. node	-3267 Mar 29 j 11:17	13°♋01'44		asc. node	-3266 Mar 16 j 08:20	3°♋11'47	
evening rise	-3267 Apr 04 j 15:14	26°♋20'36		evening rise	-3266 Mar 20 j 02:56	11°♋16'43	
	-3267 Apr 06 j 09:23	0°♌			-3266 Mar 29 j 18:44	0°♌	
	-3267 Apr 23 j 21:45	0°♌		evening max el	-3266 Apr 13 j 03:34	19°♌29'56	23°47'53
evening max el	-3267 May 01 j 11:53	8°♌44'30	25°18'13	retrograde	-3266 Apr 26 j 20:32	26°♌20'53	
desc. node	-3267 May 10 j 10:11	14°♌53'16		desc. node	-3266 Apr 27 j 07:16	26°♌20'26	
retrograde	-3267 May 15 j 13:16	15°♌54'33		evening set	-3266 Apr 30 j 20:39	25°♌45'27	
evening set	-3267 May 20 j 22:00	14°♌47'30		min. Earth dist.	-3266 May 07 j 14:45	22°♌34'53	0.56216 AU
min. Earth dist.	-3267 May 26 j 00:06	11°♌58'31	0.57856 AU	inferior conj	-3266 May 09 j 20:58	21°♌12'32	-3°10'13
inferior conj	-3267 May 29 j 03:47	9°♌47'46	-4°06'17	minimum elong	-3266 May 09 j 14:49	21°♌21'56	3°08'39
minimum elong	-3267 May 29 j 00:01	9°♌54'20	4°05'45	morning rise	-3266 May 18 j 11:55	17°♌12'34	
morning rise	-3267 Jun 06 j 04:53	5°♌31'54		direct	-3266 May 21 j 00:27	16°♌56'17	
direct	-3267 Jun 08 j 17:02	5°♌12'45		morning max el	-3266 May 31 j 01:40	21°♌35'50	19°56'54
morning max el	-3267 Jun 17 j 06:36	9°♌13'42	18°56'45		-3266 Jun 06 j 22:21	0°♌	
asc. node	-3267 Jun 25 j 10:46	20°♌03'16		asc. node	-3266 Jun 12 j 07:49	9°♌04'31	
	-3267 Jun 30 j 23:14	0°♍		morning set	-3266 Jun 18 j 00:47	20°♌10'39	
morning set	-3267 Jul 03 j 22:09	5°♍44'05			-3266 Jun 22 j 20:44	0°♍	
superior conj	-3267 Jul 12 j 10:52	22°♍24'30	1°48'46	superior conj	-3266 Jun 25 j 22:07	6°♍09'50	1°43'09
minimum elong	-3267 Jul 12 j 10:33	22°♍23'02	1°48'52	minimum elong	-3266 Jun 25 j 20:16	6°♍00'36	1°43'09
	-3267 Jul 16 j 11:48	0°♎		max. Earth dist.	-3266 Jul 01 j 08:17	16°♍44'04	1.36897 AU
max. Earth dist.	-3267 Jul 19 j 04:26	4°♎54'13	1.38775 AU	evening rise	-3266 Jul 05 j 06:29	24°♍01'15	
evening rise	-3267 Jul 23 j 02:38	11°♎48'57			-3266 Jul 08 j 15:06	0°♎	
	-3267 Aug 03 j 05:50	0°♏		desc. node	-3266 Jul 24 j 06:21	24°♎54'07	
desc. node	-3267 Aug 06 j 09:19	4°♏47'04			-3266 Jul 27 j 21:14	0°♏	
	-3267 Aug 25 j 09:28	0°♐		evening max el	-3266 Aug 10 j 03:37	15°♏56'14	25°41'28
evening max el	-3267 Aug 27 j 16:51	2°♐24'19	24°27'59	retrograde	-3266 Aug 22 j 09:06	22°♏58'16	
retrograde	-3267 Sep 07 j 23:31	9°♐00'27		evening set	-3266 Aug 28 j 11:52	20°♏21'50	
evening set	-3267 Sep 13 j 11:23	6°♐40'24		min. Earth dist.	-3266 Sep 01 j 19:22	15°♏35'21	0.66725 AU
min. Earth dist.	-3267 Sep 18 j 03:27	1°♐17'05	0.67257 AU	inferior conj	-3266 Sep 02 j 23:14	14°♏06'02	-1°45'47
inferior conj	-3267 Sep 18 j 20:01	0°♐21'29	-0°52'41	minimum elong	-3266 Sep 03 j 01:43	13°♏58'05	1°44'44
minimum elong	-3267 Sep 18 j 21:16	0°♐17'18	0°52'06	asc. node	-3266 Sep 08 j 07:00	8°♏24'16	
	-3267 Sep 19 j 02:26	30°♑♏		morning rise	-3266 Sep 08 j 15:43	8°♏09'37	
asc. node	-3267 Sep 21 j 09:52	27°♏03'09		direct	-3266 Sep 11 j 23:23	7°♏05'52	
morning rise	-3267 Sep 24 j 07:08	24°♏15'56		morning max el	-3266 Sep 19 j 03:07	11°♏10'24	19°20'40
direct	-3267 Sep 28 j 01:11	22°♏55'07			-3266 Oct 02 j 21:21	0°♐	
morning max el	-3267 Oct 05 j 22:21	27°♏30'17	20°21'45	morning set	-3266 Oct 12 j 16:22	15°♐11'56	
	-3267 Oct 08 j 04:53	0°♐		desc. node	-3266 Oct 20 j 05:54	27°♐01'56	
	-3267 Oct 29 j 05:11	0°♑			-3266 Oct 22 j 03:18	0°♑	
desc. node	-3267 Nov 02 j 08:57	6°♑24'05		max. Earth dist.	-3266 Oct 26 j 12:56	6°♑56'12	1.44539 AU
morning set	-3267 Nov 02 j 12:45	6°♑38'50					
max. Earth dist.	-3267 Nov 12 j 22:03	23°♑01'10	1.43509 AU	superior conj	-3266 Oct 29 j 09:00	11°♑26'08	-0°56'08



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3266 Oct 29 j 02:30	11°♊00'18	0°55'23	superior conj	-3265 Oct 08 j 09:00	19°♎43'59	-0°08'01
	-3266 Nov 09 j 20:38	0°♌		minimum elong	-3265 Oct 08 j 07:57	19°♎39'49	0°07'51
evening rise	-3266 Nov 13 j 00:11	5°♌11'37		behind sun begin	-3265 Oct 07 j 21:52	19°♎00'08	
	-3266 Nov 28 j 13:33	0°♌		behind sun end	-3265 Oct 08 j 18:01	20°♎19'30	
evening max el	-3266 Dec 02 j 11:50	4°♌46'01	18°30'00	max. Earth dist.	-3265 Oct 09 j 06:36	21°♎09'02	1.44870 AU
asc. node	-3266 Dec 05 j 06:01	7°♌06'50			-3265 Oct 14 j 21:33	0°♊	
retrograde	-3266 Dec 09 j 02:35	8°♌25'46		evening rise	-3265 Oct 24 j 13:55	15°♊17'38	
evening set	-3266 Dec 12 j 02:02	7°♌36'47		greatest brilliancy	-3265 Nov 02 j 03:38	28°♊52'15	-0.8m
inferior conj	-3266 Dec 18 j 01:08	2°♌03'06	3°30'04		-3265 Nov 02 j 20:54	0°♌	
minimum elong	-3266 Dec 17 j 22:15	2°♌11'30	3°29'24	evening max el	-3265 Nov 15 j 22:01	18°♌11'39	19°06'54
	-3266 Dec 19 j 19:22	30°♋♌		asc. node	-3265 Nov 22 j 03:05	22°♌07'54	
min. Earth dist.	-3266 Dec 20 j 02:00	29°♌41'02	0.64389 AU	retrograde	-3265 Nov 22 j 21:32	22°♌11'14	
morning rise	-3266 Dec 23 j 18:00	25°♌59'23		evening set	-3265 Nov 26 j 03:11	21°♌10'35	
direct	-3266 Dec 30 j 15:07	23°♌08'08		inferior conj	-3265 Dec 01 j 19:50	15°♌21'17	2°55'00
	-3265 Jan 12 j 05:05	0°♌		minimum elong	-3265 Dec 01 j 16:45	15°♌31'00	2°54'03
morning max el	-3265 Jan 13 j 02:01	0°♌50'54	27°20'13	min. Earth dist.	-3265 Dec 03 j 06:25	13°♌32'33	0.65675 AU
desc. node	-3265 Jan 16 j 05:25	4°♌10'25		morning rise	-3265 Dec 07 j 06:00	9°♌11'23	
	-3265 Feb 03 j 18:06	0°♊		direct	-3265 Dec 13 j 16:39	6°♌23'17	
morning set	-3265 Feb 17 j 07:13	24°♊16'25		morning max el	-3265 Dec 26 j 11:41	13°♌52'48	26°27'44
	-3265 Feb 20 j 04:13	0°♊		desc. node	-3264 Jan 03 j 02:26	22°♌34'43	
max. Earth dist.	-3265 Feb 22 j 03:56	4°♊04'04	1.33783 AU		-3264 Jan 08 j 15:53	0°♌	
					-3264 Jan 27 j 10:37	0°♊	
superior conj	-3265 Feb 25 j 07:19	10°♊38'29	-0°58'25	morning set	-3264 Jan 31 j 13:04	7°♊32'25	
minimum elong	-3265 Feb 25 j 09:51	10°♊51'54	0°58'03	max. Earth dist.	-3264 Feb 04 j 17:20	15°♊35'53	1.35024 AU
asc. node	-3265 Mar 03 j 05:21	23°♊14'09					
evening rise	-3265 Mar 04 j 13:55	26°♊05'29		superior conj	-3264 Feb 09 j 06:51	24°♊47'52	-1°21'05
	-3265 Mar 06 j 11:15	0°♋		minimum elong	-3264 Feb 09 j 10:02	25°♊04'14	1°20'44
	-3265 Mar 25 j 16:01	0°♋			-3264 Feb 11 j 19:11	0°♊	
evening max el	-3265 Mar 25 j 21:20	0°♋12'50	22°13'46	evening rise	-3264 Feb 16 j 22:22	10°♊40'50	
retrograde	-3265 Apr 07 j 16:05	6°♋26'41		asc. node	-3264 Feb 18 j 02:21	13°♊04'17	
evening set	-3265 Apr 10 j 12:38	6°♋08'38			-3264 Feb 27 j 05:04	0°♋	
desc. node	-3265 Apr 14 j 04:21	4°♋58'05		evening max el	-3264 Mar 06 j 23:19	11°♋19'33	20°48'13
min. Earth dist.	-3265 Apr 19 j 04:37	2°♋23'56	0.55263 AU	retrograde	-3264 Mar 18 j 05:30	16°♋41'57	
inferior conj	-3265 Apr 19 j 21:37	1°♋59'52	-1°34'11	evening set	-3264 Mar 20 j 13:12	16°♋29'09	
minimum elong	-3265 Apr 19 j 17:24	2°♋05'50	1°32'47	inferior conj	-3264 Mar 29 j 16:45	12°♋31'28	0°22'47
	-3265 Apr 23 j 14:13	30°♋♋		minimum elong	-3264 Mar 29 j 17:47	12°♋29'58	0°22'22
morning rise	-3265 Apr 28 j 23:44	28°♋02'41		min. Earth dist.	-3264 Mar 30 j 18:47	11°♋54'06	0.55227 AU
direct	-3265 May 01 j 16:05	27°♋46'24		desc. node	-3264 Mar 31 j 01:27	11°♋44'34	
	-3265 May 09 j 03:08	0°♋		morning rise	-3264 Apr 07 j 21:23	8°♋18'42	
morning max el	-3265 May 13 j 10:01	3°♋17'14	21°16'21	direct	-3264 Apr 11 j 04:01	7°♋55'19	
asc. node	-3265 May 30 j 04:52	28°♋32'46		morning max el	-3264 Apr 24 j 08:08	14°♋18'48	22°50'26
	-3265 May 30 j 22:26	0°♌			-3264 May 06 j 08:11	0°♋	
morning set	-3265 Jun 02 j 08:34	4°♌55'22		asc. node	-3264 May 16 j 01:52	18°♋20'21	
				morning set	-3264 May 16 j 19:22	19°♋51'19	
superior conj	-3265 Jun 09 j 19:29	20°♌27'42	1°31'02		-3264 May 21 j 14:04	0°♌	
minimum elong	-3265 Jun 09 j 16:55	20°♌14'27	1°30'50				
max. Earth dist.	-3265 Jun 13 j 19:07	28°♌34'21	1.35294 AU	superior conj	-3264 May 23 j 23:41	5°♌07'23	1°14'07
	-3265 Jun 14 j 12:19	0°♍		minimum elong	-3264 May 23 j 21:05	4°♌53'34	1°13'47
evening rise	-3265 Jun 18 j 05:14	7°♍11'30		max. Earth dist.	-3264 May 26 j 15:52	10°♌45'27	1.34061 AU
	-3265 Jul 01 j 06:59	0°♍		evening rise	-3264 May 31 j 17:46	21°♌04'31	
desc. node	-3265 Jul 11 j 03:22	14°♍36'38			-3264 Jun 05 j 09:56	0°♍	
evening max el	-3265 Jul 23 j 14:48	29°♍26'45	26°40'18		-3264 Jun 24 j 04:00	0°♍	
	-3265 Jul 24 j 04:42	0°♎		desc. node	-3264 Jun 27 j 00:25	3°♍43'24	
retrograde	-3265 Aug 05 j 13:52	6°♎44'13		evening max el	-3264 Jul 05 j 02:10	12°♍46'31	27°16'46
evening set	-3265 Aug 12 j 05:48	3°♎57'48		retrograde	-3264 Jul 18 j 13:12	20°♍09'28	
min. Earth dist.	-3265 Aug 16 j 05:29	29°♍49'24	0.65836 AU	evening set	-3264 Jul 25 j 14:23	17°♍23'07	
	-3265 Aug 16 j 01:53	30°♎♍		min. Earth dist.	-3264 Jul 29 j 07:38	13°♍51'18	0.64574 AU
inferior conj	-3265 Aug 17 j 21:52	27°♍48'17	-2°36'11	inferior conj	-3264 Jul 31 j 13:35	11°♍23'06	-3°21'27
minimum elong	-3265 Aug 18 j 01:21	27°♍37'51	2°34'54	minimum elong	-3264 Jul 31 j 17:33	11°♍12'13	3°20'17
morning rise	-3265 Aug 23 j 21:15	22°♍04'02		morning rise	-3264 Aug 06 j 21:21	5°♍54'07	
asc. node	-3265 Aug 26 j 04:05	21°♍16'44		direct	-3264 Aug 09 j 15:21	5°♍14'27	
direct	-3265 Aug 26 j 20:54	21°♍13'59		asc. node	-3264 Aug 12 j 01:09	5°♍44'48	
morning max el	-3265 Sep 02 j 13:42	24°♍56'46	18°35'09	morning max el	-3264 Aug 16 j 03:46	8°♍43'53	18°06'31
	-3265 Sep 06 j 18:36	0°♎			-3264 Aug 30 j 12:30	0°♎	
morning set	-3265 Sep 22 j 19:15	24°♎55'50		morning set	-3264 Sep 03 j 01:45	5°♎59'25	
	-3265 Sep 25 j 22:53	0°♎					
desc. node	-3265 Oct 07 j 02:53	17°♎45'16		superior conj	-3264 Sep 16 j 16:28	28°♎27'41	0°39'43

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3264 Sep 16 j 20:54	28°Ω45'30	0°39'12			-3263 Aug 23 j 01:51	0°Ω	
	-3264 Sep 17 j 15:27	0°ྐ						
max. Earth dist.	-3264 Sep 21 j 00:12	5°ྐ22'00	1.44471 AU	superior conj		-3263 Aug 28 j 00:09	8°Ω23'41	1°16'27
desc. node	-3264 Sep 22 j 23:50	8°ྐ30'27		minimum elong		-3263 Aug 28 j 05:42	8°Ω47'00	1°15'58
evening rise	-3264 Oct 03 j 04:53	24°ྐ26'35		max. Earth dist.		-3263 Sep 03 j 15:01	19°Ω18'02	1.43402 AU
	-3264 Oct 06 j 19:17	0°Ω		desc. node		-3263 Sep 09 j 20:49	29°Ω14'30	
greatest brilliancy	-3264 Oct 16 j 16:29	15°Ω01'38	-0.7m			-3263 Sep 10 j 08:26	0°ྐ	
	-3264 Oct 27 j 15:38	0°ྐ		evening rise		-3263 Sep 12 j 09:25	3°ྐ10'57	
evening max el	-3264 Oct 29 j 03:53	1°ྐ38'46	19°59'40			-3263 Sep 30 j 07:50	0°Ω	
retrograde	-3264 Nov 05 j 18:35	6°ྐ05'59		evening max el		-3263 Oct 12 j 03:57	15°Ω05'28	21°05'48
asc. node	-3264 Nov 08 j 00:08	5°ྐ37'08		retrograde		-3263 Oct 20 j 15:34	20°Ω06'59	
evening set	-3264 Nov 09 j 08:33	4°ྐ51'12		evening set		-3263 Oct 24 j 16:05	18°Ω35'30	
	-3264 Nov 13 j 23:09	30°κΩ		asc. node		-3263 Oct 25 j 21:13	17°Ω31'50	
inferior conj	-3264 Nov 14 j 20:36	28°Ω49'20	2°12'04	inferior conj		-3263 Oct 30 j 01:10	12°Ω24'19	1°23'44
minimum elong	-3264 Nov 14 j 17:56	28°Ω58'12	2°11'05	minimum elong		-3263 Oct 29 j 23:19	12°Ω30'36	1°22'58
min. Earth dist.	-3264 Nov 15 j 18:17	27°Ω37'23	0.66597 AU	min. Earth dist.		-3263 Oct 30 j 11:21	11°Ω49'27	0.67179 AU
morning rise	-3264 Nov 20 j 03:05	22°Ω35'46		morning rise		-3263 Nov 04 j 06:24	6°Ω09'29	
direct	-3264 Nov 25 j 23:49	20°Ω01'14		direct		-3263 Nov 09 j 11:51	3°Ω54'42	
morning max el	-3264 Dec 07 j 20:27	27°Ω03'47	25°14'22	morning max el		-3263 Nov 20 j 05:11	10°Ω18'25	23°49'49
	-3264 Dec 10 j 14:41	0°ྐ				-3263 Dec 05 j 19:53	0°ྐ	
desc. node	-3264 Dec 19 j 23:27	11°ྐ45'11		desc. node		-3263 Dec 06 j 20:27	1°ྐ28'04	
	-3263 Jan 01 j 07:28	0°✎				-3263 Dec 25 j 01:23	0°✎	
morning set	-3263 Jan 13 j 01:59	19°✎53'06		morning set		-3263 Dec 25 j 15:45	1°✎01'08	
max. Earth dist.	-3263 Jan 16 j 19:24	26°✎42'55	1.36702 AU	max. Earth dist.		-3263 Dec 29 j 15:27	7°✎56'55	1.38703 AU
	-3263 Jan 18 j 13:12	0°Ω						
				superior conj		-3262 Jan 05 j 23:18	21°✎21'27	-1°52'39
superior conj	-3263 Jan 22 j 21:28	8°Ω26'01	-1°39'57	minimum elong		-3262 Jan 06 j 01:15	21°✎30'37	1°52'41
minimum elong	-3263 Jan 23 j 00:36	8°Ω41'31	1°39'47			-3262 Jan 10 j 11:27	0°Ω	
evening rise	-3263 Jan 31 j 02:15	24°Ω56'44		evening rise		-3262 Jan 14 j 23:05	8°Ω45'38	
	-3263 Feb 02 j 15:06	0°≈		asc. node		-3262 Jan 21 j 20:24	21°Ω45'13	
asc. node	-3263 Feb 03 j 23:22	2°≈37'02				-3262 Jan 26 j 23:37	0°≈	
evening max el	-3263 Feb 17 j 12:00	23°≈02'18	19°38'44	evening max el		-3262 Jan 31 j 10:28	5°≈18'57	18°48'24
retrograde	-3263 Feb 27 j 01:18	27°≈34'48		retrograde		-3262 Feb 08 j 13:51	9°≈14'45	
evening set	-3263 Mar 01 j 08:19	27°≈20'20		evening set		-3262 Feb 11 j 00:05	8°≈55'11	
inferior conj	-3263 Mar 09 j 20:34	23°≈16'31	2°07'55	inferior conj		-3262 Feb 18 j 18:36	4°≈34'12	3°19'21
minimum elong	-3263 Mar 10 j 01:12	23°≈09'10	2°06'30	minimum elong		-3262 Feb 18 j 22:52	4°≈26'19	3°18'26
min. Earth dist.	-3263 Mar 12 j 09:18	21°≈40'34	0.56111 AU	min. Earth dist.		-3262 Feb 22 j 01:19	2°≈10'33	0.57698 AU
desc. node	-3263 Mar 17 j 22:33	18°≈50'06				-3262 Feb 25 j 13:08	30°κΩ	
morning rise	-3263 Mar 18 j 15:34	18°≈35'30		morning rise		-3262 Feb 26 j 19:06	29°Ω23'38	
direct	-3263 Mar 23 j 00:11	17°≈52'51		direct		-3262 Mar 04 j 08:49	28°Ω08'14	
morning max el	-3263 Apr 05 j 23:50	24°≈55'46	24°29'43	desc. node		-3262 Mar 04 j 19:38	28°Ω08'43	
	-3263 Apr 10 j 16:05	0°✎				-3262 Mar 11 j 06:18	0°≈	
	-3263 Apr 28 j 22:47	0°Υ		morning max el		-3262 Mar 18 j 15:17	5°≈34'19	26°00'17
morning set	-3263 May 01 j 07:29	4°Υ53'06				-3262 Apr 05 j 11:27	0°✎	
asc. node	-3263 May 02 j 22:53	8°Υ21'47		morning set		-3262 Apr 15 j 19:14	19°✎53'49	
				asc. node		-3262 Apr 19 j 19:54	28°✎31'14	
superior conj	-3263 May 08 j 08:20	20°Υ01'12	0°53'41			-3262 Apr 20 j 12:12	0°Υ	
minimum elong	-3263 May 08 j 06:12	19°Υ49'38	0°53'20					
max. Earth dist.	-3263 May 09 j 21:38	23°Υ22'27	1.33206 AU	superior conj		-3262 Apr 22 j 19:24	5°Υ01'32	0°30'46
	-3263 May 13 j 00:30	0°Ω		minimum elong		-3262 Apr 22 j 18:04	4°Υ54'18	0°30'31
evening rise	-3263 May 15 j 16:08	5°Ω28'09		max. Earth dist.		-3262 Apr 23 j 09:07	6°Υ16'31	1.32699 AU
	-3263 May 29 j 01:02	0°Π		evening rise		-3262 Apr 29 j 21:06	20°Υ11'03	
desc. node	-3263 Jun 13 j 21:28	21°Π59'17				-3262 May 04 j 18:53	0°Ω	
evening max el	-3263 Jun 17 j 11:49	25°Π43'06	27°24'18			-3262 May 23 j 12:09	0°Π	
	-3263 Jun 22 j 16:55	0°Ω		evening max el		-3262 May 30 j 17:03	8°Π03'26	26°59'15
retrograde	-3263 Jul 01 j 06:16	3°Ω05'29		desc. node		-3262 May 31 j 18:33	9°Π02'38	
evening set	-3263 Jul 08 j 10:10	0°Ω32'08		retrograde		-3262 Jun 13 j 16:17	15°Π23'32	
	-3263 Jul 09 j 03:34	30°κΠ		evening set		-3262 Jun 20 j 13:02	13°Π16'50	
min. Earth dist.	-3263 Jul 12 j 00:11	27°Π30'43	0.62951 AU	min. Earth dist.		-3262 Jun 24 j 06:35	10°Π33'38	0.61028 AU
inferior conj	-3263 Jul 14 j 19:39	24°Π44'36	-3°58'00	inferior conj		-3262 Jun 27 j 12:42	7°Π44'42	-4°20'25
minimum elong	-3263 Jul 14 j 23:10	24°Π35'54	3°57'17	minimum elong		-3262 Jun 27 j 14:25	7°Π40'57	4°20'13
morning rise	-3263 Jul 21 j 13:12	19°Π34'05		morning rise		-3262 Jul 04 j 17:29	2°Π55'23	
direct	-3263 Jul 24 j 03:48	19°Π02'09		direct		-3262 Jul 07 j 06:25	2°Π29'20	
asc. node	-3263 Jul 29 j 22:13	21°Π38'38		morning max el		-3262 Jul 14 j 07:50	5°Π58'07	18°03'52
morning max el	-3263 Jul 30 j 18:43	22°Π26'26	17°55'46	asc. node		-3262 Jul 16 j 19:17	8°Π42'57	
	-3263 Aug 05 j 15:31	0°Ω				-3262 Jul 29 j 15:57	0°Ω	
morning set	-3263 Aug 16 j 07:52	18°Ω10'34		morning set		-3262 Jul 30 j 07:57	1°Ω14'00	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3262 Aug 09 j 11:22	19° $\text{☿}$ 41'56	1°38'49		-3261 Jul 21 j 17:53	0° $\text{☿}$	
minimum elong	-3262 Aug 09 j 14:57	19° $\text{☿}$ 57'44	1°38'42				
	-3262 Aug 15 j 10:26	0° $\text{♊}$		superior conj	-3261 Jul 22 j 21:39	2° $\text{☿}$ 09'44	1°48'12
max. Earth dist.	-3262 Aug 17 j 00:36	2° $\text{♊}$ 40'11	1.41800 AU	minimum elong	-3261 Jul 22 j 22:37	2° $\text{☿}$ 14'12	1°48'18
evening rise	-3262 Aug 22 j 23:03	12° $\text{♊}$ 22'07		max. Earth dist.	-3261 Jul 30 j 04:19	15° $\text{☿}$ 16'57	1.39894 AU
desc. node	-3262 Aug 27 j 17:50	19° $\text{♊}$ 54'10		evening rise	-3261 Aug 03 j 11:47	22° $\text{☿}$ 39'08	
	-3262 Sep 03 j 09:20	0° $\text{♋}$		desc. node	-3261 Aug 07 j 23:07	0° $\text{♊}$	
evening max el	-3262 Sep 24 j 21:56	28° $\text{♋}$ 31'41	22°21'42		-3261 Aug 14 j 14:50	10° $\text{♊}$ 25'09	
	-3262 Sep 26 j 10:30	0° $\text{♌}$			-3261 Aug 28 j 08:14	0° $\text{♋}$	
retrograde	-3262 Oct 04 j 10:52	4° $\text{♌}$ 11'49		evening max el	-3261 Sep 07 j 11:06	11° $\text{♋}$ 58'36	23°42'17
evening set	-3262 Oct 08 j 23:57	2° $\text{♌}$ 21'42		retrograde	-3261 Sep 18 j 03:11	18° $\text{♋}$ 16'43	
	-3262 Oct 11 j 08:00	30° $\text{♋}$ ♋		evening set	-3261 Sep 23 j 06:23	16° $\text{♋}$ 07'19	
asc. node	-3262 Oct 12 j 18:19	28° $\text{♋}$ 11'45		min. Earth dist.	-3261 Sep 28 j 03:37	10° $\text{♋}$ 23'55	0.67406 AU
inferior conj	-3262 Oct 14 j 07:37	26° $\text{♋}$ 04'34	0°31'57	inferior conj	-3261 Sep 28 j 14:11	9° $\text{♋}$ 47'50	-0°21'40
minimum elong	-3262 Oct 14 j 06:53	26° $\text{♋}$ 07'07	0°31'37	minimum elong	-3261 Sep 28 j 14:41	9° $\text{♋}$ 46'05	0°21'25
min. Earth dist.	-3262 Oct 14 j 07:16	26° $\text{♋}$ 05'47	0.67443 AU	asc. node	-3261 Sep 29 j 15:26	8° $\text{♋}$ 22'20	
morning rise	-3262 Oct 19 j 13:42	19° $\text{♋}$ 51'02		morning rise	-3261 Oct 03 j 22:57	3° $\text{♋}$ 38'22	
direct	-3262 Oct 24 j 04:08	17° $\text{♋}$ 58'08		direct	-3261 Oct 07 j 23:48	2° $\text{♋}$ 06'34	
morning max el	-3262 Nov 02 j 16:47	23° $\text{♋}$ 37'50	22°23'32	morning max el	-3261 Oct 16 j 10:07	7° $\text{♋}$ 03'57	21°03'05
	-3262 Nov 08 j 06:24	0° $\text{♍}$			-3261 Nov 02 j 16:23	0° $\text{♌}$	
desc. node	-3262 Nov 23 j 17:28	21° $\text{♍}$ 34'15		desc. node	-3261 Nov 10 j 14:27	11° $\text{♍}$ 56'22	
	-3262 Nov 29 j 06:18	0° $\text{♎}$		morning set	-3261 Nov 15 j 08:43	19° $\text{♍}$ 18'46	
morning set	-3262 Dec 06 j 01:21	10° $\text{♎}$ 46'10			-3261 Nov 22 j 02:08	0° $\text{♎}$	
max. Earth dist.	-3262 Dec 11 j 13:13	19° $\text{♎}$ 51'40	1.40777 AU	max. Earth dist.	-3261 Nov 23 j 17:07	2° $\text{♎}$ 38'09	1.42634 AU
	-3262 Dec 17 j 10:07	0° $\text{♏}$					
				superior conj	-3261 Nov 30 j 16:18	14° $\text{♎}$ 13'07	-1°45'49
superior conj	-3262 Dec 19 j 07:30	3° $\text{♏}$ 21'54	-1°55'55	minimum elong	-3261 Nov 30 j 11:37	13° $\text{♎}$ 53'15	1°45'37
minimum elong	-3262 Dec 19 j 06:43	3° $\text{♏}$ 18'23	1°56'00		-3261 Dec 09 j 17:40	0° $\text{♏}$	
evening rise	-3262 Dec 29 j 09:55	22° $\text{♏}$ 00'51		evening rise	-3261 Dec 12 j 06:53	4° $\text{♏}$ 33'37	
	-3261 Jan 02 j 16:55	0° $\text{♐}$		asc. node	-3261 Dec 26 j 14:30	28° $\text{♏}$ 14'28	
asc. node	-3261 Jan 08 j 17:27	10° $\text{♐}$ 21'06			-3261 Dec 28 j 01:35	0° $\text{♐}$	
evening max el	-3261 Jan 14 j 16:31	18° $\text{♐}$ 03'34	18°18'10	evening max el	-3261 Dec 29 j 03:17	1° $\text{♐}$ 08'12	18°07'52
retrograde	-3261 Jan 21 j 20:56	21° $\text{♐}$ 38'14		retrograde	-3260 Jan 04 j 19:22	4° $\text{♐}$ 35'37	
evening set	-3261 Jan 24 j 10:33	21° $\text{♐}$ 11'54		evening set	-3260 Jan 07 j 12:14	4° $\text{♐}$ 01'29	
inferior conj	-3261 Jan 31 j 13:14	16° $\text{♐}$ 30'01	3°54'18		-3260 Jan 13 j 00:41	30° $\text{♐}$ ♐	
minimum elong	-3261 Jan 31 j 14:59	16° $\text{♐}$ 26'15	3°54'03	inferior conj	-3260 Jan 14 j 02:05	28° $\text{♐}$ 58'24	4°00'09
min. Earth dist.	-3261 Feb 03 j 21:47	13° $\text{♐}$ 38'45	0.59662 AU	minimum elong	-3260 Jan 14 j 01:19	29° $\text{♐}$ 00'19	4°00'00
morning rise	-3261 Feb 07 j 17:30	10° $\text{♐}$ 56'39		min. Earth dist.	-3260 Jan 17 j 01:41	26° $\text{♐}$ 03'34	0.61672 AU
direct	-3261 Feb 14 j 05:50	9° $\text{♐}$ 02'09		morning rise	-3260 Jan 20 j 13:11	23° $\text{♐}$ 09'55	
desc. node	-3261 Feb 19 j 16:44	10° $\text{♐}$ 17'18		direct	-3260 Jan 27 j 13:09	20° $\text{♐}$ 42'00	
morning max el	-3261 Feb 28 j 11:41	16° $\text{♐}$ 40'57	27°07'11	desc. node	-3260 Feb 06 j 13:49	24° $\text{♐}$ 54'41	
	-3261 Mar 11 j 11:16	0° $\text{♑}$		morning max el	-3260 Feb 10 j 14:15	28° $\text{♐}$ 27'06	27°40'30
	-3261 Mar 28 j 20:45	0° $\text{♒}$			-3260 Feb 12 j 02:47	0° $\text{♐}$	
morning set	-3261 Mar 31 j 04:51	4° $\text{♒}$ 47'06			-3260 Mar 04 j 04:56	0° $\text{♑}$	
asc. node	-3261 Apr 06 j 16:55	18° $\text{♒}$ 44'20		morning set	-3260 Mar 14 j 10:23	19° $\text{♑}$ 25'48	
					-3260 Mar 19 j 11:00	0° $\text{♒}$	
superior conj	-3261 Apr 07 j 07:09	20° $\text{♒}$ 02'15	0°06'14	max. Earth dist.	-3260 Mar 20 j 10:00	2° $\text{♒}$ 04'07	1.32704 AU
minimum elong	-3261 Apr 07 j 06:53	20° $\text{♒}$ 00'44	0°06'10				
behind sun begin	-3261 Apr 07 j 02:15	19° $\text{♒}$ 35'21		superior conj	-3260 Mar 21 j 17:59	4° $\text{♒}$ 57'36	-0°19'07
behind sun end	-3261 Apr 07 j 11:31	20° $\text{♒}$ 26'07		minimum elong	-3260 Mar 21 j 18:51	5° $\text{♒}$ 02'19	0°18'59
max. Earth dist.	-3261 Apr 06 j 22:32	19° $\text{♒}$ 15'03	1.32528 AU	asc. node	-3260 Mar 23 j 13:56	8° $\text{♒}$ 57'03	
	-3261 Apr 11 j 20:54	0° $\text{♓}$		evening rise	-3260 Mar 28 j 17:32	20° $\text{♒}$ 02'32	
evening rise	-3261 Apr 14 j 06:14	5° $\text{♓}$ 04'54			-3260 Apr 02 j 15:00	0° $\text{♓}$	
	-3261 Apr 27 j 13:37	0° $\text{♈}$			-3260 Apr 22 j 16:29	0° $\text{♈}$	
evening max el	-3261 May 12 j 15:55	19° $\text{♈}$ 40'42	26°02'30	evening max el	-3260 Apr 23 j 09:16	0° $\text{♈}$ 41'02	24°41'10
desc. node	-3261 May 18 j 15:38	24° $\text{♈}$ 23'48		desc. node	-3260 May 04 j 12:43	7° $\text{♈}$ 26'51	
retrograde	-3261 May 26 j 17:55	26° $\text{♈}$ 56'53		retrograde	-3260 May 07 j 08:56	7° $\text{♈}$ 45'34	
evening set	-3261 Jun 01 j 19:06	25° $\text{♈}$ 27'15		evening set	-3260 May 12 j 03:43	6° $\text{♈}$ 53'36	
min. Earth dist.	-3261 Jun 06 j 04:32	22° $\text{♈}$ 45'08	0.58977 AU	min. Earth dist.	-3260 May 17 j 21:20	3° $\text{♈}$ 56'35	0.57089 AU
inferior conj	-3261 Jun 09 j 13:06	20° $\text{♈}$ 13'56	-4°20'31	inferior conj	-3260 May 20 j 17:59	2° $\text{♈}$ 04'33	-3°47'41
minimum elong	-3261 Jun 09 j 11:31	20° $\text{♈}$ 16'55	4°20'21	minimum elong	-3260 May 20 j 12:50	2° $\text{♈}$ 13'00	3°46'42
morning rise	-3261 Jun 17 j 06:29	15° $\text{♈}$ 46'43			-3260 May 24 j 02:02	30° $\text{♈}$ ♈	
direct	-3261 Jun 19 j 18:42	15° $\text{♈}$ 25'26		morning rise	-3260 May 29 j 01:01	27° $\text{♈}$ 56'31	
morning max el	-3261 Jun 27 j 16:12	19° $\text{♈}$ 10'37	18°31'40	direct	-3260 May 31 j 12:57	27° $\text{♈}$ 38'57	
asc. node	-3261 Jul 03 j 16:22	26° $\text{♈}$ 42'35			-3260 Jun 07 j 08:32	0° $\text{♈}$	
	-3261 Jul 05 j 17:42	0° $\text{♉}$		morning max el	-3260 Jun 09 j 16:57	1° $\text{♈}$ 54'54	19°19'51
morning set	-3261 Jul 13 j 21:10	14° $\text{♉}$ 56'49		asc. node	-3260 Jun 19 j 13:26	15° $\text{♈}$ 25'01	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3260 Jun 26 j 19:48	29° $\text{J}$ 10'18		morning set	-3259 Jun 11 j 00:55	13° $\text{J}$ 45'36	
	-3260 Jun 27 j 05:48	0° $\text{II}$					
superior conj	-3260 Jul 05 j 01:18	15° $\text{II}$ 31'28	1°47'18	superior conj	-3259 Jun 18 j 17:17	29° $\text{J}$ 31'57	1°38'41
minimum elong	-3260 Jul 05 j 00:13	15° $\text{II}$ 26'15	1°47'23	minimum elong	-3259 Jun 18 j 15:03	29° $\text{J}$ 20'34	1°38'36
max. Earth dist.	-3260 Jul 11 j 06:07	27° $\text{II}$ 16'54	1.37948 AU	max. Earth dist.	-3259 Jun 18 j 22:49	0° $\text{II}$	
	-3260 Jul 12 j 17:53	0° $\text{J}$		evening rise	-3259 Jun 23 j 12:29	9° $\text{II}$ 04'23	1.36182 AU
evening rise	-3260 Jul 15 j 02:30	4° $\text{J}$ 12'48			-3259 Jun 27 j 15:06	16° $\text{II}$ 52'02	
desc. node	-3260 Jul 31 j 11:51	0° $\text{J}$ 42'52		desc. node	-3259 Jul 05 j 01:12	0° $\text{J}$	
	-3260 Jul 31 j 00:16	0° $\text{J}$			-3259 Jul 18 j 08:52	20° $\text{J}$ 40'30	
evening max el	-3260 Aug 19 j 22:11	25° $\text{J}$ 29'25	25°00'36	evening max el	-3259 Jul 25 j 08:21	0° $\text{J}$	
	-3260 Aug 25 j 07:08	0° $\text{J}$		retrograde	-3259 Aug 02 j 09:17	9° $\text{J}$ 02'20	26°08'49
retrograde	-3260 Aug 31 j 15:26	2° $\text{J}$ 18'23			-3259 Aug 14 j 22:55	16° $\text{J}$ 11'35	
evening set	-3260 Sep 06 j 09:35	29° $\text{J}$ 51'02		evening set	-3259 Aug 21 j 07:32	13° $\text{J}$ 30'17	
	-3260 Sep 06 j 05:24	30° $\text{J}$		min. Earth dist.	-3259 Aug 25 j 11:44	8° $\text{J}$ 59'44	0.66393 AU
min. Earth dist.	-3260 Sep 10 j 21:57	24° $\text{J}$ 42'50	0.67066 AU	inferior conj	-3259 Aug 26 j 20:40	7° $\text{J}$ 16'52	-2°07'38
inferior conj	-3260 Sep 11 j 19:09	23° $\text{J}$ 32'50	-1°15'26	minimum elong	-3259 Aug 26 j 23:37	7° $\text{J}$ 07'40	2°06'27
minimum elong	-3260 Sep 11 j 20:56	23° $\text{J}$ 26'57	1°14'38	morning rise	-3259 Sep 01 j 15:52	1° $\text{J}$ 25'01	
asc. node	-3260 Sep 15 j 12:33	19° $\text{J}$ 03'28		asc. node	-3259 Sep 02 j 09:39	1° $\text{J}$ 01'14	
morning rise	-3260 Sep 17 j 08:19	17° $\text{J}$ 30'31		direct	-3259 Sep 04 j 19:55	0° $\text{J}$ 27'21	
direct	-3260 Sep 20 j 21:38	16° $\text{J}$ 17'21		morning max el	-3259 Sep 11 j 18:03	4° $\text{J}$ 21'27	18°59'15
morning max el	-3260 Sep 28 j 10:40	20° $\text{J}$ 38'47	19°53'54		-3259 Sep 29 j 15:41	0° $\text{J}$	
	-3260 Oct 05 j 23:11	0° $\text{J}$		morning set	-3259 Oct 03 j 18:37	6° $\text{J}$ 30'29	
morning set	-3260 Oct 24 j 06:32	27° $\text{J}$ 30'53		desc. node	-3259 Oct 14 j 08:24	23° $\text{J}$ 10'11	
	-3260 Oct 25 j 20:59	0° $\text{J}$			-3259 Oct 18 j 16:30	0° $\text{J}$	
desc. node	-3260 Oct 27 j 11:26	2° $\text{J}$ 29'38		max. Earth dist.	-3259 Oct 18 j 20:53	0° $\text{J}$ 17'18	1.44771 AU
max. Earth dist.	-3260 Nov 05 j 04:13	16° $\text{J}$ 11'35	1.44025 AU				
superior conj	-3260 Nov 09 j 21:45	23° $\text{J}$ 47'32	-1°19'05	superior conj	-3259 Oct 20 j 03:50	2° $\text{J}$ 19'24	-0°36'31
minimum elong	-3260 Nov 09 j 14:31	23° $\text{J}$ 18'12	1°18'23	minimum elong	-3259 Oct 19 j 23:11	2° $\text{J}$ 01'01	0°35'55
	-3260 Nov 13 j 17:01	0° $\text{J}$		evening rise	-3259 Nov 04 j 13:29	26° $\text{J}$ 57'19	
evening rise	-3260 Nov 23 j 09:32	16° $\text{J}$ 15'06			-3259 Nov 06 j 10:28	0° $\text{J}$	
	-3260 Dec 01 j 12:12	0° $\text{J}$		evening max el	-3259 Nov 25 j 03:45	27° $\text{J}$ 49'32	18°43'44
evening max el	-3260 Dec 11 j 15:56	14° $\text{J}$ 25'27	18°16'44		-3259 Nov 27 j 14:56	0° $\text{J}$	
asc. node	-3260 Dec 12 j 11:34	15° $\text{J}$ 12'48		asc. node	-3259 Nov 29 j 08:38	1° $\text{J}$ 01'25	
retrograde	-3260 Dec 18 j 04:46	17° $\text{J}$ 57'29		retrograde	-3259 Dec 01 j 21:13	1° $\text{J}$ 36'18	
evening set	-3260 Dec 21 j 01:32	17° $\text{J}$ 14'17		evening set	-3259 Dec 04 j 23:12	0° $\text{J}$ 42'28	
inferior conj	-3260 Dec 27 j 05:19	11° $\text{J}$ 51'15	3°45'20		-3259 Dec 06 j 00:38	30° $\text{J}$	
minimum elong	-3260 Dec 27 j 02:55	11° $\text{J}$ 57'51	3°44'53	inferior conj	-3259 Dec 10 j 19:17	25° $\text{J}$ 01'47	3°16'21
min. Earth dist.	-3260 Dec 29 j 14:54	9° $\text{J}$ 13'15	0.63490 AU	minimum elong	-3259 Dec 10 j 16:14	25° $\text{J}$ 11'01	3°15'33
morning rise	-3259 Jan 02 j 03:40	5° $\text{J}$ 52'28		min. Earth dist.	-3259 Dec 12 j 13:53	22° $\text{J}$ 53'26	0.64980 AU
direct	-3259 Jan 09 j 04:25	3° $\text{J}$ 05'09		morning rise	-3259 Dec 16 j 08:55	18° $\text{J}$ 55'26	
morning max el	-3259 Jan 22 j 21:26	10° $\text{J}$ 50'27	27°37'24	direct	-3259 Dec 23 j 02:17	16° $\text{J}$ 04'07	
desc. node	-3259 Jan 23 j 10:52	11° $\text{J}$ 24'07		morning max el	-3258 Jan 05 j 06:54	23° $\text{J}$ 41'56	27°01'09
	-3259 Feb 07 j 01:31	0° $\text{J}$		desc. node	-3258 Jan 10 j 07:53	29° $\text{J}$ 13'40	
	-3259 Feb 24 j 12:32	0° $\text{J}$			-3258 Jan 10 j 23:21	0° $\text{J}$	
morning set	-3259 Feb 26 j 09:19	3° $\text{J}$ 40'43		morning set	-3258 Jan 31 j 09:05	0° $\text{J}$	
max. Earth dist.	-3259 Mar 03 j 15:40	14° $\text{J}$ 29'59	1.33268 AU	max. Earth dist.	-3258 Feb 09 j 22:34	17° $\text{J}$ 21'51	
					-3258 Feb 14 j 11:57	26° $\text{J}$ 23'19	1.34259 AU
					-3258 Feb 16 j 06:19	0° $\text{J}$	
superior conj	-3259 Mar 06 j 02:03	19° $\text{J}$ 40'31	-0°44'20	superior conj	-3258 Feb 18 j 05:23	4° $\text{J}$ 04'30	-1°08'21
minimum elong	-3259 Mar 06 j 04:02	19° $\text{J}$ 51'08	0°44'02	minimum elong	-3258 Feb 18 j 08:16	4° $\text{J}$ 19'32	1°07'59
asc. node	-3259 Mar 10 j 10:56	29° $\text{J}$ 04'35		asc. node	-3258 Feb 25 j 07:56	19° $\text{J}$ 02'46	
	-3259 Mar 10 j 21:16	0° $\text{J}$		evening rise	-3258 Feb 25 j 15:17	19° $\text{J}$ 41'04	
evening rise	-3259 Mar 13 j 05:08	4° $\text{J}$ 56'38			-3258 Mar 02 j 18:34	0° $\text{J}$	
	-3259 Mar 26 j 20:13	0° $\text{J}$		evening max el	-3258 Mar 17 j 22:01	22° $\text{J}$ 14'05	21°35'45
evening max el	-3259 Apr 05 j 01:15	11° $\text{J}$ 23'06	23°07'34	retrograde	-3258 Mar 30 j 02:03	28° $\text{J}$ 06'28	
retrograde	-3259 Apr 18 j 10:47	18° $\text{J}$ 00'00		evening set	-3258 Apr 01 j 15:35	27° $\text{J}$ 51'37	
desc. node	-3259 Apr 21 j 09:49	17° $\text{J}$ 40'45		desc. node	-3258 Apr 08 j 06:53	25° $\text{J}$ 19'13	
evening set	-3259 Apr 21 j 21:37	17° $\text{J}$ 33'57		inferior conj	-3258 Apr 10 j 23:55	23° $\text{J}$ 49'48	-0°45'17
min. Earth dist.	-3259 Apr 29 j 11:39	14° $\text{J}$ 10'38	0.55712 AU	minimum elong	-3258 Apr 10 j 21:48	23° $\text{J}$ 52'47	0°44'34
inferior conj	-3259 May 01 j 03:21	13° $\text{J}$ 12'39	-2°33'48	min. Earth dist.	-3258 Apr 11 j 01:16	23° $\text{J}$ 47'55	0.55141 AU
minimum elong	-3259 Apr 30 j 21:24	13° $\text{J}$ 21'22	2°32'04	morning rise	-3258 Apr 20 j 04:33	19° $\text{J}$ 48'29	
morning rise	-3259 May 09 j 23:36	9° $\text{J}$ 15'27		direct	-3258 Apr 23 j 01:43	19° $\text{J}$ 30'12	
direct	-3259 May 12 j 13:02	8° $\text{J}$ 59'38		morning max el	-3258 May 05 j 11:08	25° $\text{J}$ 23'26	21°54'54
morning max el	-3259 May 23 j 07:32	14° $\text{J}$ 00'22	20°28'23		-3258 May 09 j 17:15	0° $\text{J}$	
	-3259 Jun 03 j 21:53	0° $\text{J}$		asc. node	-3258 May 24 j 07:29	24° $\text{J}$ 16'13	
asc. node	-3259 Jun 06 j 10:28	4° $\text{J}$ 38'56		morning set	-3258 May 26 j 10:13	28° $\text{J}$ 36'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3258 May 27 j 02:22	0°♄				-3257 Apr 07 j 06:59	0°♄	
				morning max el		-3257 Apr 17 j 05:57	6°♄11'57	23°32'51
superior conj	-3258 Jun 02 j 17:54	14°♄00'02	1°24'21			-3257 May 04 j 01:22	0°♄	
minimum elong	-3258 Jun 02 j 15:15	13°♄46'10	1°24'05	morning set		-3257 May 10 j 21:50	13°♄35'31	
max. Earth dist.	-3258 Jun 06 j 03:48	21°♄03'28	1.34733 AU	asc. node		-3257 May 11 j 04:29	14°♄10'27	
evening rise	-3258 Jun 10 j 20:17	0°♄22'00						
	-3258 Jun 10 j 15:44	0°♄		superior conj		-3257 May 18 j 00:17	28°♄46'54	1°05'49
	-3258 Jun 28 j 02:19	0°♄		minimum elong		-3257 May 17 j 21:50	28°♄33'44	1°05'28
desc. node	-3258 Jul 05 j 05:55	10°♄09'11				-3257 May 18 j 13:57	0°♄	
evening max el	-3258 Jul 15 j 20:45	22°♄29'43	26°58'53	max. Earth dist.		-3257 May 20 j 04:42	3°♄26'03	1.33652 AU
retrograde	-3258 Jul 29 j 01:10	29°♄49'38		evening rise		-3257 May 25 j 13:26	14°♄29'21	
evening set	-3258 Aug 04 j 21:50	27°♄01'50				-3257 Jun 02 j 18:54	0°♄	
min. Earth dist.	-3258 Aug 08 j 18:36	23°♄09'33	0.65353 AU	desc. node		-3257 Jun 22 j 02:57	28°♄56'41	
inferior conj	-3258 Aug 10 j 16:39	20°♄56'18	-2°56'11			-3257 Jun 23 j 00:14	0°♄	
minimum elong	-3258 Aug 10 j 20:24	20°♄45'24	2°54'55	evening max el		-3257 Jun 28 j 07:31	5°♄40'51	27°23'40
morning rise	-3258 Aug 16 j 19:25	15°♄18'14		retrograde		-3257 Jul 11 j 22:00	13°♄04'22	
direct	-3258 Aug 19 j 16:29	14°♄32'51		evening set		-3257 Jul 19 j 01:30	10°♄21'28	
asc. node	-3258 Aug 20 j 06:44	14°♄34'47		min. Earth dist.		-3257 Jul 22 j 16:40	7°♄04'02	0.63928 AU
morning max el	-3258 Aug 26 j 06:25	18°♄08'31	18°20'51	inferior conj		-3257 Jul 25 j 04:39	4°♄26'30	-3°38'16
	-3258 Sep 04 j 01:04	0°♄		minimum elong		-3257 Jul 25 j 08:33	4°♄16'11	3°37'17
morning set	-3258 Sep 14 j 09:25	16°♄49'01				-3257 Jul 30 j 01:31	30°♄	
	-3258 Sep 22 j 11:52	0°♄		morning rise		-3257 Jul 31 j 16:26	29°♄05'22	
				direct		-3257 Aug 03 j 08:44	28°♄29'20	
superior conj	-3258 Sep 29 j 04:06	10°♄39'37	0°13'07	asc. node		-3257 Aug 07 j 03:48	29°♄41'33	
minimum elong	-3258 Sep 29 j 05:46	10°♄46'14	0°12'56			-3257 Aug 07 j 15:02	0°♄	
behind sun begin	-3258 Sep 28 j 22:55	10°♄19'03		morning max el		-3257 Aug 09 j 21:20	1°♄55'19	17°59'45
behind sun end	-3258 Sep 29 j 12:38	11°♄13'24		morning set		-3257 Aug 27 j 02:42	28°♄23'38	
desc. node	-3258 Oct 01 j 05:22	13°♄54'28				-3257 Aug 28 j 01:07	0°♄	
max. Earth dist.	-3258 Oct 01 j 15:27	14°♄34'15	1.44789 AU					
	-3258 Oct 11 j 11:19	0°♄		superior conj		-3257 Sep 08 j 20:48	19°♄51'38	0°57'00
evening rise	-3258 Oct 15 j 16:48	6°♄37'08		minimum elong		-3257 Sep 09 j 02:16	20°♄13'56	0°56'25
greatest brilliancy	-3258 Oct 26 j 16:32	23°♄42'54	-0.7m	max. Earth dist.		-3257 Sep 14 j 08:17	28°♄42'38	1.44088 AU
	-3258 Oct 30 j 20:44	0°♄				-3257 Sep 15 j 03:41	0°♄	
evening max el	-3258 Nov 08 j 12:16	11°♄15'32	19°27'33	desc. node		-3257 Sep 18 j 02:22	4°♄39'49	
retrograde	-3258 Nov 15 j 17:25	15°♄26'02		evening rise		-3257 Sep 25 j 01:17	15°♄30'21	
asc. node	-3258 Nov 16 j 05:43	15°♄24'31				-3257 Oct 04 j 13:15	0°♄	
evening set	-3258 Nov 19 j 02:25	14°♄19'30		evening max el		-3257 Oct 22 j 15:42	24°♄42'08	20°26'17
inferior conj	-3258 Nov 24 j 16:51	8°♄24'12	2°37'35	retrograde		-3257 Oct 30 j 14:49	29°♄23'43	
minimum elong	-3258 Nov 24 j 13:53	8°♄33'47	2°36'35	evening set		-3257 Nov 03 j 08:57	28°♄02'09	
min. Earth dist.	-3258 Nov 25 j 21:38	6°♄51'16	0.66106 AU	asc. node		-3257 Nov 03 j 02:48	28°♄12'58	
morning rise	-3258 Nov 30 j 01:07	2°♄12'31		inferior conj		-3257 Nov 08 j 19:31	21°♄55'39	1°52'06
	-3258 Dec 03 j 12:20	30°♄		minimum elong		-3257 Nov 08 j 17:09	22°♄03'37	1°51'10
direct	-3258 Dec 06 j 06:01	29°♄29'30		min. Earth dist.		-3257 Nov 09 j 12:07	20°♄59'36	0.66882 AU
	-3258 Dec 09 j 03:49	0°♄		morning rise		-3257 Nov 14 j 01:10	15°♄41'00	
morning max el	-3258 Dec 18 j 16:22	6°♄48'55	25°58'40	direct		-3257 Nov 19 j 15:20	13°♄14'30	
desc. node	-3258 Dec 28 j 04:54	17°♄59'08		morning max el		-3257 Dec 01 j 01:06	20°♄02'21	24°39'10
	-3257 Jan 05 j 18:00	0°♄				-3257 Dec 09 j 14:07	0°♄	
morning set	-3257 Jan 23 j 21:52	0°♄15'45		desc. node		-3257 Dec 15 j 01:57	7°♄24'34	
	-3257 Jan 23 j 18:27	0°♄				-3257 Dec 29 j 22:17	0°♄	
max. Earth dist.	-3257 Jan 27 j 20:36	7°♄43'10	1.35690 AU	morning set		-3256 Jan 06 j 01:42	12°♄07'14	
				max. Earth dist.		-3256 Jan 09 j 19:07	18°♄47'45	1.37523 AU
						-3256 Jan 15 j 18:15	0°♄	
superior conj	-3257 Feb 02 j 01:28	18°♄01'06	-1°29'41					
minimum elong	-3257 Feb 02 j 04:45	18°♄17'41	1°29'23					
	-3257 Feb 07 j 21:37	0°♄		superior conj		-3256 Jan 16 j 11:08	1°♄21'40	-1°46'18
evening rise	-3257 Feb 09 j 22:03	4°♄08'43		minimum elong		-3256 Jan 16 j 13:56	1°♄35'15	1°46'12
asc. node	-3257 Feb 12 j 04:57	8°♄46'06		evening rise		-3256 Jan 24 j 23:15	18°♄13'22	
	-3257 Feb 24 j 21:47	0°♄		asc. node		-3256 Jan 30 j 01:58	28°♄08'56	
evening max el	-3257 Feb 28 j 04:16	3°♄34'28	20°16'23			-3256 Jan 31 j 02:05	0°♄	
retrograde	-3257 Mar 10 j 16:57	8°♄35'11		evening max el		-3256 Feb 10 j 21:16	15°♄31'34	19°14'54
evening set	-3257 Mar 12 j 23:21	8°♄22'14		retrograde		-3256 Feb 19 j 19:13	19°♄46'49	
inferior conj	-3257 Mar 21 j 21:03	4°♄23'18	1°10'34	evening set		-3256 Feb 22 j 03:12	19°♄30'37	
minimum elong	-3257 Mar 22 j 00:04	4°♄18'48	1°09'31	inferior conj		-3256 Mar 01 j 07:54	15°♄20'32	2°42'55
min. Earth dist.	-3257 Mar 23 j 15:19	3°♄20'34	0.55498 AU	minimum elong		-3256 Mar 01 j 12:48	15°♄12'15	2°41'35
desc. node	-3257 Mar 26 j 03:57	1°♄55'52		min. Earth dist.		-3256 Mar 04 j 06:32	13°♄22'05	0.56710 AU
morning rise	-3257 Mar 30 j 23:06	29°♄59'38		morning rise		-3256 Mar 09 j 19:36	10°♄25'57	
	-3257 Mar 30 j 22:32	30°♄		desc. node		-3256 Mar 12 j 01:03	9°♄47'18	
direct	-3257 Apr 03 j 15:26	29°♄30'03		direct		-3256 Mar 14 j 16:40	9°♄30'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3256 Mar 28 j 20:55	16° $\approx$ 46'19	25°10'20	desc. node	-3255 Feb 26 j 22:09	20° $\approx$ 18'25	
	-3256 Apr 08 j 15:04	0° $\approx$		morning max el	-3255 Mar 10 j 13:55	27° $\approx$ 34'06	26°32'22
morning set	-3256 Apr 24 j 09:59	28° $\approx$ 37'29			-3255 Mar 12 j 22:38	0° $\approx$	
	-3256 Apr 25 j 01:38	0° $\approx$			-3255 Apr 02 j 00:48	0° $\approx$	
asc. node	-3256 Apr 27 j 01:29	4° $\approx$ 15'43		morning set	-3255 Apr 08 j 21:04	13° $\approx$ 35'59	
				asc. node	-3255 Apr 13 j 22:31	24° $\approx$ 27'27	
superior conj	-3256 May 01 j 10:12	13° $\approx$ 44'26	0°44'14	superior conj	-3255 Apr 15 j 21:48	28° $\approx$ 46'07	0°20'32
minimum elong	-3256 May 01 j 08:22	13° $\approx$ 34'29	0°43'54	minimum elong	-3255 Apr 15 j 20:54	28° $\approx$ 41'11	0°20'21
max. Earth dist.	-3256 May 02 j 13:07	16° $\approx$ 10'39	1.32940 AU	max. Earth dist.	-3255 Apr 16 j 01:48	29° $\approx$ 08'04	1.32581 AU
evening rise	-3256 May 08 j 14:54	29° $\approx$ 02'12			-3255 Apr 16 j 11:18	0° $\approx$	
	-3256 May 09 j 02:13	0° $\approx$		evening rise	-3255 Apr 22 j 21:57	13° $\approx$ 51'16	
	-3256 May 25 j 23:06	0° $\approx$			-3255 May 01 j 04:02	0° $\approx$	
desc. node	-3256 Jun 08 j 00:01	16° $\approx$ 45'01			-3255 May 22 j 07:25	0° $\approx$	
evening max el	-3256 Jun 09 j 15:27	18° $\approx$ 23'02	27°17'43	evening max el	-3255 May 22 j 18:19	0° $\approx$ 26'22	26°38'51
retrograde	-3256 Jun 23 j 12:33	25° $\approx$ 45'30		desc. node	-3255 May 25 j 21:03	3° $\approx$ 09'25	
evening set	-3256 Jun 30 j 14:41	23° $\approx$ 21'42		retrograde	-3255 Jun 05 j 19:20	7° $\approx$ 45'00	
min. Earth dist.	-3256 Jul 04 j 04:57	20° $\approx$ 29'52	0.62157 AU	evening set	-3255 Jun 12 j 09:08	5° $\approx$ 53'35	
inferior conj	-3256 Jul 07 j 05:38	17° $\approx$ 40'02	-4°09'41	min. Earth dist.	-3255 Jun 16 j 07:45	3° $\approx$ 12'40	0.60158 AU
minimum elong	-3256 Jul 07 j 08:35	17° $\approx$ 33'07	4°09'12	inferior conj	-3255 Jun 19 j 16:06	0° $\approx$ 28'42	-4°23'51
morning rise	-3256 Jul 14 j 03:50	12° $\approx$ 38'25		minimum elong	-3255 Jun 19 j 16:35	0° $\approx$ 27'44	4°23'44
direct	-3256 Jul 16 j 17:22	12° $\approx$ 09'21			-3255 Jun 20 j 06:08	30° $\approx$	
morning max el	-3256 Jul 23 j 11:55	15° $\approx$ 34'34	17°56'50	morning rise	-3255 Jun 27 j 02:03	25° $\approx$ 48'30	
asc. node	-3256 Jul 24 j 00:53	16° $\approx$ 07'21		direct	-3255 Jun 29 j 14:33	25° $\approx$ 24'36	
	-3256 Aug 02 j 13:11	0° $\approx$		morning max el	-3255 Jul 06 j 23:20	28° $\approx$ 59'06	18°13'06
morning set	-3256 Aug 08 j 17:08	10° $\approx$ 58'34			-3255 Jul 07 j 23:20	0° $\approx$	
	-3256 Aug 19 j 11:01	0° $\approx$		asc. node	-3255 Jul 10 j 21:58	3° $\approx$ 36'57	
superior conj	-3256 Aug 19 j 16:29	0° $\approx$ 23'25	1°27'40	morning set	-3255 Jul 22 j 23:21	24° $\approx$ 20'15	
minimum elong	-3256 Aug 19 j 21:25	0° $\approx$ 44'32	1°27'20		-3255 Jul 25 j 23:31	0° $\approx$	
max. Earth dist.	-3256 Aug 26 j 20:29	12° $\approx$ 02'46	1.42772 AU	superior conj	-3255 Aug 01 j 14:11	12° $\approx$ 12'48	1°44'14
evening rise	-3256 Sep 03 j 07:16	24° $\approx$ 01'23		minimum elong	-3255 Aug 01 j 16:38	12° $\approx$ 23'50	1°44'13
desc. node	-3256 Sep 03 j 23:23	25° $\approx$ 02'25		max. Earth dist.	-3255 Aug 09 j 03:18	25° $\approx$ 26'28	1.41021 AU
	-3256 Sep 06 j 22:59	0° $\approx$			-3255 Aug 11 j 20:26	0° $\approx$	
	-3256 Sep 27 j 16:03	0° $\approx$		evening rise	-3255 Aug 14 j 05:46	3° $\approx$ 05'52	
evening max el	-3256 Oct 04 j 13:07	8° $\approx$ 08'17	21°37'11	desc. node	-3255 Aug 21 j 20:22	15° $\approx$ 05'45	
retrograde	-3256 Oct 13 j 11:19	13° $\approx$ 26'20			-3255 Aug 31 j 06:35	0° $\approx$	
evening set	-3256 Oct 17 j 16:51	11° $\approx$ 47'21		evening max el	-3255 Sep 17 j 04:57	21° $\approx$ 34'58	22°55'51
asc. node	-3256 Oct 19 j 23:54	9° $\approx$ 31'52		retrograde	-3255 Sep 27 j 05:23	27° $\approx$ 31'12	
inferior conj	-3256 Oct 23 j 01:09	5° $\approx$ 33'14	1°02'06	evening set	-3255 Oct 02 j 00:18	25° $\approx$ 33'03	
minimum elong	-3256 Oct 22 j 23:45	5° $\approx$ 38'03	1°01'30	asc. node	-3255 Oct 06 j 21:01	19° $\approx$ 52'03	
min. Earth dist.	-3256 Oct 23 j 06:50	5° $\approx$ 13'35	0.67329 AU	inferior conj	-3255 Oct 07 j 07:52	19° $\approx$ 14'44	0°09'19
	-3256 Oct 27 j 12:24	30° $\approx$		minimum elong	-3255 Oct 07 j 07:38	19° $\approx$ 15'29	0°09'14
morning rise	-3256 Oct 28 j 06:28	29° $\approx$ 18'22		transit middle	-3255 Oct 07 j 07:38	19° $\approx$ 15'29	0°09'14
direct	-3256 Nov 02 j 05:26	27° $\approx$ 12'36		transit begin	-3255 Oct 07 j 05:25	19° $\approx$ 23'10	
	-3256 Nov 08 j 18:21	0° $\approx$		transit end	-3255 Oct 07 j 09:52	19° $\approx$ 07'49	
morning max el	-3256 Nov 12 j 10:34	3° $\approx$ 18'19	23°12'42	min. Earth dist.	-3255 Oct 07 j 03:15	19° $\approx$ 30'38	0.67470 AU
desc. node	-3256 Nov 30 j 23:00	27° $\approx$ 18'24		morning rise	-3255 Oct 12 j 14:51	13° $\approx$ 02'33	
	-3256 Dec 02 j 18:44	0° $\approx$		direct	-3255 Oct 16 j 23:25	11° $\approx$ 18'36	
morning set	-3256 Dec 17 j 03:56	22° $\approx$ 40'45		morning max el	-3255 Oct 26 j 00:07	16° $\approx$ 39'19	21°48'06
	-3256 Dec 21 j 11:20	0° $\approx$			-3255 Nov 05 j 18:45	0° $\approx$	
max. Earth dist.	-3256 Dec 21 j 14:25	0° $\approx$ 13'21	1.39588 AU	desc. node	-3255 Nov 17 j 20:01	17° $\approx$ 31'58	
superior conj	-3256 Dec 29 j 06:10	13° $\approx$ 55'33	-1°55'25		-3255 Nov 25 j 21:24	0° $\approx$	
minimum elong	-3256 Dec 29 j 07:09	14° $\approx$ 00'05	1°55'31	morning set	-3255 Nov 27 j 01:16	1° $\approx$ 50'37	
	-3255 Jan 06 j 17:38	0° $\approx$		max. Earth dist.	-3255 Dec 03 j 14:31	12° $\approx$ 29'58	1.41613 AU
evening rise	-3255 Jan 07 j 16:15	1° $\approx$ 48'43		superior conj	-3255 Dec 11 j 05:07	25° $\approx$ 28'19	-1°53'30
asc. node	-3255 Jan 15 j 23:01	17° $\approx$ 04'33		minimum elong	-3255 Dec 11 j 02:45	25° $\approx$ 17'54	1°53'32
evening max el	-3255 Jan 23 j 23:25	28° $\approx$ 01'47	18°33'11		-3255 Dec 13 j 18:40	0° $\approx$	
	-3255 Jan 26 j 08:58	0° $\approx$		evening rise	-3255 Dec 21 j 21:39	14° $\approx$ 46'35	
retrograde	-3255 Jan 31 j 15:33	1° $\approx$ 46'22			-3255 Dec 30 j 09:39	0° $\approx$	
evening set	-3255 Feb 03 j 03:20	1° $\approx$ 24'04		asc. node	-3254 Jan 02 j 20:05	5° $\approx$ 23'35	
	-3255 Feb 06 j 06:22	30° $\approx$		evening max el	-3254 Jan 07 j 07:53	10° $\approx$ 55'56	18°11'24
inferior conj	-3255 Feb 10 j 14:48	26° $\approx$ 54'47	3°38'17	retrograde	-3254 Jan 14 j 05:37	14° $\approx$ 25'38	
minimum elong	-3255 Feb 10 j 18:07	26° $\approx$ 48'16	3°37'42	evening set	-3254 Jan 16 j 20:45	13° $\approx$ 55'57	
min. Earth dist.	-3255 Feb 14 j 00:14	24° $\approx$ 16'16	0.58505 AU	inferior conj	-3254 Jan 23 j 17:34	9° $\approx$ 04'50	3°59'47
morning rise	-3255 Feb 18 j 06:31	21° $\approx$ 33'37		minimum elong	-3254 Jan 23 j 18:10	9° $\approx$ 03'28	3°59'39
direct	-3255 Feb 24 j 07:20	20° $\approx$ 01'16					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3254 Jan 26 j 23:14	6° $\text{Z}$ 09'26	0.60531 AU	minimum elong	-3253 Jan 06 j 11:27	21° $\text{Z}$ 48'39	3°55'42
morning rise	-3254 Jan 30 j 14:03	3° $\text{Z}$ 24'39		min. Earth dist.	-3253 Jan 09 j 06:49	18° $\text{Z}$ 55'06	0.62480 AU
direct	-3254 Feb 06 j 08:55	1° $\text{Z}$ 14'42		morning rise	-3253 Jan 12 j 18:10	15° $\text{Z}$ 51'09	
desc. node	-3254 Feb 13 j 19:15	3° $\text{Z}$ 34'15		direct	-3253 Jan 19 j 19:29	13° $\text{Z}$ 13'28	
morning max el	-3254 Feb 20 j 12:44	8° $\text{Z}$ 55'54	27°25'50	desc. node	-3253 Jan 31 j 16:21	19° $\text{Z}$ 03'34	
	-3254 Mar 08 j 17:01	0° $\approx$		morning max el	-3253 Feb 02 j 17:43	20° $\text{Z}$ 58'59	27°43'37
morning set	-3254 Mar 24 j 05:10	28° $\approx$ 23'23			-3253 Feb 10 j 14:34	0° $\text{Z}$	
	-3254 Mar 24 j 23:46	0° $\text{X}$			-3253 Mar 01 j 16:29	0° $\approx$	
max. Earth dist.	-3254 Mar 30 j 14:57	12° $\text{X}$ 04'19	1.32562 AU	morning set	-3253 Mar 08 j 08:12	12° $\approx$ 52'34	
				max. Earth dist.	-3253 Mar 14 j 00:35	24° $\approx$ 45'24	1.32901 AU
superior conj	-3254 Mar 31 j 09:20	13° $\text{X}$ 44'44	-0°04'29	superior conj	-3253 Mar 15 j 19:09	28° $\approx$ 34'47	-0°29'53
minimum elong	-3254 Mar 31 j 09:32	13° $\text{X}$ 45'51	0°04'28	minimum elong	-3253 Mar 15 j 20:31	28° $\approx$ 42'07	0°29'41
behind sun begin	-3254 Mar 31 j 04:41	13° $\text{X}$ 19'20			-3253 Mar 16 j 10:53	0° $\text{X}$	
behind sun end	-3254 Mar 31 j 14:23	14° $\text{X}$ 12'22		asc. node	-3253 Mar 18 j 16:31	4° $\text{X}$ 50'59	
asc. node	-3254 Mar 31 j 19:32	14° $\text{X}$ 40'32		evening rise	-3253 Mar 22 j 19:52	13° $\text{X}$ 43'42	
evening rise	-3254 Apr 07 j 08:14	28° $\text{X}$ 47'20			-3253 Mar 31 j 02:10	0° $\text{Y}$	
	-3254 Apr 07 j 22:06	0° $\text{Y}$		evening max el	-3253 Apr 16 j 06:31	22° $\text{Y}$ 34'18	24°01'50
	-3254 Apr 24 j 19:22	0° $\text{Z}$		desc. node	-3253 Apr 29 j 15:13	29° $\text{Y}$ 29'10	
evening max el	-3254 May 04 j 14:43	11° $\text{Z}$ 46'27	25°30'18	retrograde	-3253 Apr 30 j 01:39	29° $\text{Y}$ 29'36	
desc. node	-3254 May 12 j 18:07	17° $\text{Z}$ 36'14		evening set	-3253 May 04 j 06:34	28° $\text{Y}$ 50'16	
retrograde	-3254 May 18 j 16:19	18° $\text{Z}$ 58'09		min. Earth dist.	-3253 May 10 j 17:58	25° $\text{Y}$ 43'33	0.56421 AU
evening set	-3254 May 24 j 05:41	17° $\text{Z}$ 45'21		inferior conj	-3253 May 13 j 04:31	24° $\text{Y}$ 13'04	-3°21'25
min. Earth dist.	-3254 May 29 j 02:56	14° $\text{Z}$ 58'41	0.58140 AU	minimum elong	-3253 May 12 j 22:29	24° $\text{Y}$ 22'27	3°19'59
inferior conj	-3254 Jun 01 j 08:24	12° $\text{Z}$ 42'04	-4°11'18	morning rise	-3253 May 21 j 17:28	20° $\text{Y}$ 11'30	
minimum elong	-3254 Jun 01 j 05:12	12° $\text{Z}$ 47'46	4°10'52	direct	-3253 May 24 j 05:44	19° $\text{Y}$ 55'00	
morning rise	-3254 Jun 09 j 07:28	8° $\text{Z}$ 23'24		morning max el	-3253 Jun 03 j 01:17	24° $\text{Y}$ 27'54	19°46'44
direct	-3254 Jun 11 j 19:43	8° $\text{Z}$ 03'40			-3253 Jun 07 j 21:14	0° $\text{Z}$	
morning max el	-3254 Jun 20 j 04:41	11° $\text{Z}$ 59'56	18°49'38	asc. node	-3253 Jun 14 j 16:03	10° $\text{Z}$ 52'04	
asc. node	-3254 Jun 27 j 19:02	21° $\text{Z}$ 55'47		morning set	-3253 Jun 20 j 18:40	22° $\text{Z}$ 40'28	
	-3254 Jul 02 j 09:15	0° $\text{II}$			-3253 Jun 24 j 09:30	0° $\text{II}$	
morning set	-3254 Jul 06 j 17:00	8° $\text{II}$ 17'18					
superior conj	-3254 Jul 15 j 08:31	25° $\text{II}$ 05'19	1°48'55	superior conj	-3253 Jun 28 j 17:55	8° $\text{II}$ 44'51	1°44'28
minimum elong	-3254 Jul 15 j 08:31	25° $\text{II}$ 05'19	1°49'01	minimum elong	-3253 Jun 28 j 16:15	8° $\text{II}$ 36'34	1°44'29
	-3254 Jul 17 j 23:16	0° $\text{III}$		max. Earth dist.	-3253 Jul 04 j 09:07	19° $\text{II}$ 38'57	1.37157 AU
max. Earth dist.	-3254 Jul 22 j 06:08	7° $\text{III}$ 47'58	1.39063 AU	evening rise	-3253 Jul 08 j 06:21	26° $\text{II}$ 48'14	
evening rise	-3254 Jul 26 j 05:47	14° $\text{III}$ 45'47			-3253 Jul 10 j 01:21	0° $\text{III}$	
	-3254 Aug 04 j 13:04	0° $\text{IV}$		desc. node	-3253 Jul 26 j 14:20	26° $\text{III}$ 34'41	
desc. node	-3254 Aug 08 j 17:20	6° $\text{IV}$ 24'45			-3253 Jul 28 j 23:43	0° $\text{IV}$	
	-3254 Aug 26 j 01:30	0° $\text{V}$		evening max el	-3253 Aug 13 j 03:41	18° $\text{IV}$ 35'12	25°31'17
evening max el	-3254 Aug 30 j 17:01	5° $\text{V}$ 03'54	24°16'17	retrograde	-3253 Aug 25 j 06:14	25° $\text{IV}$ 34'29	
retrograde	-3254 Sep 10 j 19:54	11° $\text{V}$ 35'31		evening set	-3253 Aug 31 j 06:48	23° $\text{IV}$ 00'11	
evening set	-3254 Sep 16 j 05:34	9° $\text{V}$ 18'03		min. Earth dist.	-3253 Sep 04 j 15:30	18° $\text{IV}$ 08'02	0.66822 AU
min. Earth dist.	-3254 Sep 20 j 22:55	3° $\text{V}$ 49'34	0.67307 AU	inferior conj	-3253 Sep 05 j 17:38	16° $\text{IV}$ 43'32	-1°37'54
inferior conj	-3254 Sep 21 j 13:56	2° $\text{V}$ 58'54	-0°44'34	minimum elong	-3253 Sep 05 j 19:57	16° $\text{IV}$ 36'05	1°36'54
minimum elong	-3254 Sep 21 j 15:00	2° $\text{V}$ 55'20	0°44'03	asc. node	-3253 Sep 10 j 15:13	11° $\text{IV}$ 17'54	
asc. node	-3254 Sep 23 j 18:08	0° $\text{VI}$ 08'37		morning rise	-3253 Sep 11 j 09:13	10° $\text{IV}$ 45'32	
	-3254 Sep 23 j 20:57	30° $\text{R}$ 02		direct	-3253 Sep 14 j 18:15	9° $\text{IV}$ 39'33	
morning rise	-3254 Sep 27 j 00:24	26° $\text{IV}$ 52'20		morning max el	-3253 Sep 22 j 00:14	13° $\text{IV}$ 48'15	19°28'49
direct	-3254 Sep 30 j 20:09	25° $\text{IV}$ 28'48			-3253 Oct 04 j 02:30	0° $\text{VI}$	
	-3254 Oct 08 j 16:49	0° $\text{VI}$		morning set	-3253 Oct 16 j 03:08	18° $\text{VI}$ 31'55	
morning max el	-3254 Oct 08 j 20:31	0° $\text{VI}$ 09'21	20°32'04	desc. node	-3253 Oct 22 j 13:56	28° $\text{VI}$ 36'07	
	-3254 Oct 30 j 11:51	0° $\text{VII}$			-3253 Oct 23 j 11:21	0° $\text{VII}$	
desc. node	-3254 Nov 04 j 16:59	7° $\text{VII}$ 59'29		max. Earth dist.	-3253 Oct 29 j 12:06	9° $\text{VII}$ 29'57	1.44427 AU
morning set	-3254 Nov 06 j 01:46	10° $\text{VII}$ 06'23		superior conj	-3253 Nov 01 j 20:41	14° $\text{VII}$ 50'20	-1°02'37
max. Earth dist.	-3254 Nov 15 j 22:19	25° $\text{VII}$ 40'46	1.43299 AU	minimum elong	-3253 Nov 01 j 13:48	14° $\text{VII}$ 22'50	1°01'50
	-3254 Nov 18 j 14:14	0° $\text{VIII}$			-3253 Nov 11 j 05:13	0° $\text{VIII}$	
superior conj	-3254 Nov 22 j 02:31	5° $\text{VIII}$ 47'00	-1°36'37	evening rise	-3253 Nov 16 j 04:55	8° $\text{VIII}$ 16'02	
minimum elong	-3254 Nov 21 j 20:19	5° $\text{VIII}$ 21'20	1°36'11		-3253 Nov 29 j 13:16	0° $\text{IX}$	
evening rise	-3254 Dec 04 j 11:26	26° $\text{VIII}$ 58'55		evening max el	-3253 Dec 05 j 08:16	7° $\text{IX}$ 26'23	18°26'01
	-3254 Dec 06 j 04:42	0° $\text{X}$		asc. node	-3253 Dec 07 j 14:13	9° $\text{IX}$ 25'20	
asc. node	-3254 Dec 20 j 17:09	22° $\text{IX}$ 55'07		retrograde	-3253 Dec 11 j 22:21	11° $\text{IX}$ 03'57	
evening max el	-3254 Dec 21 j 19:45	24° $\text{IX}$ 06'24	18°09'16	evening set	-3253 Dec 14 j 21:02	10° $\text{IX}$ 16'34	
retrograde	-3254 Dec 28 j 09:24	27° $\text{IX}$ 34'36		inferior conj	-3253 Dec 20 j 21:16	4° $\text{IX}$ 45'36	3°34'29
evening set	-3254 Dec 31 j 03:50	26° $\text{IX}$ 56'42		minimum elong	-3253 Dec 20 j 18:29	4° $\text{IX}$ 53'37	3°33'52
inferior conj	-3253 Jan 06 j 13:02	21° $\text{IX}$ 44'33	3°55'57	min. Earth dist.	-3253 Dec 23 j 00:25	2° $\text{IX}$ 18'57	0.64165 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3253 Dec 25 j 05:10	30° $\kappa$ $\mathbb{M}$		inferior conj	-3252 Dec 03 j 14:49	18° $\mathbb{M}$ 01'40	3°00'54
morning rise	-3253 Dec 26 j 15:25	28° $\mathbb{M}$ 42'59		minimum elong	-3252 Dec 03 j 11:43	18° $\mathbb{M}$ 11'19	2°59'58
direct	-3252 Jan 02 j 13:40	25° $\mathbb{M}$ 52'12		min. Earth dist.	-3252 Dec 05 j 03:28	16° $\mathbb{M}$ 07'37	0.65506 AU
	-3252 Jan 12 j 01:35	0° $\mathcal{A}$		morning rise	-3252 Dec 09 j 01:47	11° $\mathbb{M}$ 52'38	
morning max el	-3252 Jan 16 j 02:25	3° $\mathcal{A}$ 36'17	27°25'41	direct	-3252 Dec 15 j 14:21	9° $\mathbb{M}$ 03'12	
desc. node	-3252 Jan 18 j 13:24	6° $\mathcal{A}$ 10'16		morning max el	-3252 Dec 28 j 12:01	16° $\mathbb{M}$ 35'21	26°37'07
	-3252 Feb 05 j 00:37	0° $\mathcal{B}$		desc. node	-3251 Jan 04 j 10:25	24° $\mathbb{M}$ 25'52	
morning set	-3252 Feb 20 j 03:29	26° $\mathcal{B}$ 54'37			-3251 Jan 08 j 17:00	0° $\mathcal{A}$	
	-3252 Feb 21 j 16:48	0° $\approx$			-3251 Jan 27 j 20:39	0° $\mathcal{B}$	
max. Earth dist.	-3252 Feb 25 j 02:42	6° $\approx$ 58'16	1.33631 AU	morning set	-3251 Feb 02 j 11:23	10° $\mathcal{B}$ 17'22	
				max. Earth dist.	-3251 Feb 06 j 17:48	18° $\mathcal{B}$ 34'46	1.34807 AU
superior conj	-3252 Feb 28 j 01:28	13° $\approx$ 10'17	-0°54'46				
minimum elong	-3252 Feb 28 j 03:52	13° $\approx$ 23'01	0°54'25	superior conj	-3251 Feb 11 j 02:05	27° $\mathcal{B}$ 23'36	-1°17'52
asc. node	-3252 Mar 04 j 13:31	24° $\approx$ 54'58		minimum elong	-3251 Feb 11 j 05:12	27° $\mathcal{B}$ 39'44	1°17'29
evening rise	-3252 Mar 06 j 07:03	28° $\approx$ 34'12			-3251 Feb 12 j 08:16	0° $\approx$	
	-3252 Mar 06 j 23:30	0° $\mathcal{H}$		evening rise	-3251 Feb 18 j 16:00	13° $\approx$ 11'53	
	-3252 Mar 24 j 21:25	0° $\mathcal{Y}$		asc. node	-3251 Feb 19 j 10:32	14° $\approx$ 47'19	
evening max el	-3252 Mar 27 j 23:41	3° $\mathcal{Y}$ 16'40	22°27'33		-3251 Feb 27 j 09:47	0° $\mathcal{H}$	
retrograde	-3252 Apr 09 j 22:54	9° $\mathcal{Y}$ 37'10		evening max el	-3251 Mar 10 j 00:16	14° $\mathcal{H}$ 19'01	21°00'09
evening set	-3252 Apr 12 j 22:37	9° $\mathcal{Y}$ 17'32		retrograde	-3251 Mar 21 j 12:21	19° $\mathcal{H}$ 49'06	
desc. node	-3252 Apr 15 j 12:18	8° $\mathcal{Y}$ 31'38		evening set	-3251 Mar 23 j 21:06	19° $\mathcal{H}$ 36'02	
min. Earth dist.	-3252 Apr 21 j 08:03	5° $\mathcal{Y}$ 38'51	0.55349 AU	inferior conj	-3251 Apr 02 j 02:18	15° $\mathcal{H}$ 37'59	0°04'58
inferior conj	-3252 Apr 22 j 07:14	5° $\mathcal{Y}$ 05'51	-1°50'49	minimum elong	-3251 Apr 02 j 02:32	15° $\mathcal{H}$ 37'40	0°04'51
minimum elong	-3252 Apr 22 j 02:25	5° $\mathcal{Y}$ 12'43	1°49'16	transit middle	-3251 Apr 02 j 02:32	15° $\mathcal{H}$ 37'40	0°04'51
morning rise	-3252 May 01 j 08:01	1° $\mathcal{Y}$ 09'09		transit begin	-3251 Apr 01 j 22:38	15° $\mathcal{H}$ 43'12	
direct	-3252 May 03 j 23:18	0° $\mathcal{Y}$ 53'11		transit end	-3251 Apr 02 j 06:25	15° $\mathcal{H}$ 32'07	
morning max el	-3252 May 15 j 11:20	6° $\mathcal{Y}$ 16'14	21°03'21	desc. node	-3251 Apr 02 j 09:24	15° $\mathcal{H}$ 27'52	
	-3252 May 31 j 09:37	0° $\mathcal{B}$		min. Earth dist.	-3251 Apr 02 j 22:08	15° $\mathcal{H}$ 09'47	0.55174 AU
asc. node	-3252 May 31 j 13:03	0° $\mathcal{B}$ 16'47		morning rise	-3251 Apr 11 j 07:19	11° $\mathcal{H}$ 28'41	
morning set	-3252 Jun 04 j 01:49	7° $\mathcal{B}$ 23'02		direct	-3251 Apr 14 j 11:10	11° $\mathcal{H}$ 06'54	
				morning max el	-3251 Apr 27 j 10:46	17° $\mathcal{H}$ 22'54	22°35'42
superior conj	-3252 Jun 11 j 14:02	22° $\mathcal{B}$ 58'47	1°33'13		-3251 May 07 j 11:53	0° $\mathcal{Y}$	
minimum elong	-3252 Jun 11 j 11:32	22° $\mathcal{B}$ 45'55	1°33'03	asc. node	-3251 May 18 j 10:03	20° $\mathcal{Y}$ 01'45	
	-3252 Jun 15 j 01:01	0° $\mathbb{I}$		morning set	-3251 May 19 j 12:18	22° $\mathcal{Y}$ 17'43	
max. Earth dist.	-3252 Jun 15 j 18:34	1° $\mathbb{I}$ 27'23	1.35513 AU		-3251 May 23 j 03:48	0° $\mathcal{B}$	
evening rise	-3252 Jun 20 j 02:40	9° $\mathbb{I}$ 51'12					
	-3252 Jul 01 j 14:25	0° $\mathcal{E}$		superior conj	-3251 May 26 j 17:24	7° $\mathcal{B}$ 35'38	1°16'56
desc. node	-3252 Jul 12 j 11:21	16° $\mathcal{E}$ 21'27		minimum elong	-3251 May 26 j 14:47	7° $\mathcal{B}$ 21'42	1°16'37
	-3252 Jul 23 j 12:58	0° $\mathcal{Q}$		max. Earth dist.	-3251 May 29 j 14:01	13° $\mathcal{B}$ 35'23	1.34228 AU
evening max el	-3252 Jul 25 j 14:52	2° $\mathcal{Q}$ 06'36	26°32'46	evening rise	-3251 Jun 03 j 13:29	23° $\mathcal{B}$ 38'45	
retrograde	-3252 Aug 07 j 11:47	9° $\mathcal{Q}$ 22'23			-3251 Jun 06 j 20:59	0° $\mathbb{I}$	
evening set	-3252 Aug 14 j 01:51	6° $\mathcal{Q}$ 37'04			-3251 Jun 25 j 04:46	0° $\mathcal{E}$	
min. Earth dist.	-3252 Aug 18 j 02:41	2° $\mathcal{Q}$ 22'51	0.65993 AU	desc. node	-3251 Jun 29 j 08:24	5° $\mathcal{E}$ 34'12	
inferior conj	-3252 Aug 19 j 17:05	0° $\mathcal{Q}$ 26'20	-2°28'49	evening max el	-3251 Jul 08 j 02:25	15° $\mathcal{E}$ 28'54	27°12'59
minimum elong	-3252 Aug 19 j 20:26	0° $\mathcal{Q}$ 16'10	2°27'34	retrograde	-3251 Jul 21 j 11:52	22° $\mathcal{E}$ 51'00	
	-3252 Aug 20 j 01:47	30° $\mathcal{R}$ $\mathcal{E}$		evening set	-3251 Jul 28 j 12:03	20° $\mathcal{E}$ 04'02	
morning rise	-3252 Aug 25 j 15:20	24° $\mathcal{E}$ 39'56		min. Earth dist.	-3251 Aug 01 j 06:12	16° $\mathcal{E}$ 26'54	0.64790 AU
asc. node	-3252 Aug 27 j 12:17	23° $\mathcal{E}$ 55'35		inferior conj	-3251 Aug 03 j 10:01	14° $\mathcal{E}$ 02'31	-3°15'03
direct	-3252 Aug 28 j 16:01	23° $\mathcal{E}$ 48'02		minimum elong	-3251 Aug 03 j 13:57	13° $\mathcal{E}$ 51'32	3°13'52
morning max el	-3252 Sep 04 j 10:03	27° $\mathcal{E}$ 33'37	18°40'50	morning rise	-3251 Aug 09 j 16:26	8° $\mathcal{E}$ 30'58	
	-3252 Sep 06 j 14:19	0° $\mathcal{Q}$		direct	-3251 Aug 12 j 11:10	7° $\mathcal{E}$ 49'52	
morning set	-3252 Sep 25 j 01:55	28° $\mathcal{Q}$ 03'28		asc. node	-3251 Aug 14 j 09:22	8° $\mathcal{E}$ 09'30	
	-3252 Sep 26 j 07:01	0° $\mathcal{P}$		morning max el	-3251 Aug 18 j 23:45	11° $\mathcal{E}$ 20'38	18°09'39
desc. node	-3252 Oct 08 j 10:54	19° $\mathcal{P}$ 18'37			-3251 Aug 31 j 20:21	0° $\mathcal{Q}$	
				morning set	-3251 Sep 06 j 04:32	8° $\mathcal{Q}$ 55'57	
superior conj	-3252 Oct 10 j 21:34	23° $\mathcal{P}$ 09'43	-0°15'34		-3251 Sep 19 j 00:14	0° $\mathcal{P}$	
minimum elong	-3252 Oct 10 j 19:30	23° $\mathcal{P}$ 01'37	0°15'17				
behind sun begin	-3252 Oct 10 j 15:27	22° $\mathcal{P}$ 45'40		superior conj	-3251 Sep 20 j 02:34	1° $\mathcal{P}$ 45'40	0°33'02
behind sun end	-3252 Oct 10 j 23:33	23° $\mathcal{P}$ 17'33		minimum elong	-3251 Sep 20 j 06:26	2° $\mathcal{P}$ 01'06	0°32'35
max. Earth dist.	-3252 Oct 11 j 05:26	23° $\mathcal{P}$ 40'41	1.44869 AU	max. Earth dist.	-3251 Sep 23 j 23:31	7° $\mathcal{P}$ 55'42	1.44577 AU
	-3252 Oct 15 j 05:46	0° $\mathcal{L}$		desc. node	-3251 Sep 25 j 07:54	10° $\mathcal{P}$ 03'44	
evening rise	-3252 Oct 26 j 22:18	18° $\mathcal{L}$ 31'00		evening rise	-3251 Oct 06 j 16:16	27° $\mathcal{P}$ 47'36	
	-3252 Nov 03 j 03:05	0° $\mathbb{M}$			-3251 Oct 08 j 02:27	0° $\mathcal{L}$	
evening max el	-3252 Nov 17 j 18:57	20° $\mathbb{M}$ 51'34	19°00'26	greatest brilliancy	-3251 Oct 19 j 14:55	17° $\mathcal{L}$ 38'16	-0.7m
asc. node	-3252 Nov 23 j 11:18	24° $\mathbb{M}$ 39'06			-3251 Oct 28 j 08:44	0° $\mathbb{M}$	
retrograde	-3252 Nov 24 j 16:41	24° $\mathbb{M}$ 47'30		evening max el	-3251 Nov 01 j 01:37	4° $\mathbb{M}$ 18'56	19°50'54
evening set	-3252 Nov 27 j 21:20	23° $\mathbb{M}$ 48'42		retrograde	-3251 Nov 08 j 13:35	8° $\mathbb{M}$ 41'24	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3251 Nov 10 j 08:23	8° $\mathbb{M}$ 23'00		-3250 Oct 01 j 11:25	0° $\underline{\mathbf{a}}$	
evening set	-3251 Nov 12 j 02:14	7° $\mathbb{M}$ 28'47		evening max el	-3250 Oct 15 j 02:36	17° $\underline{\mathbf{a}}$ 45'25 20°55'12
inferior conj	-3251 Nov 17 j 14:51	1° $\mathbb{M}$ 28'34 2°18'59		retrograde	-3250 Oct 23 j 10:46	22° $\underline{\mathbf{a}}$ 41'37
minimum elong	-3251 Nov 17 j 12:05	1° $\mathbb{M}$ 37'40 2°17'59		evening set	-3250 Oct 27 j 09:36	21° $\underline{\mathbf{a}}$ 12'42
min. Earth dist.	-3251 Nov 18 j 14:19	0° $\mathbb{M}$ 11'12 0.66482 AU		asc. node	-3250 Oct 28 j 05:29	20° $\underline{\mathbf{a}}$ 31'21
	-3251 Nov 18 j 17:44	30° $\mathbb{R}$ $\underline{\mathbf{a}}$		inferior conj	-3250 Nov 01 j 19:00	15° $\underline{\mathbf{a}}$ 02'33 1°31'19
morning rise	-3251 Nov 22 j 21:43	25° $\underline{\mathbf{a}}$ 15'31		minimum elong	-3250 Nov 01 j 17:01	15° $\underline{\mathbf{a}}$ 09'20 1°30'31
direct	-3251 Nov 28 j 20:41	22° $\underline{\mathbf{a}}$ 38'33		min. Earth dist.	-3250 Nov 02 j 06:46	14° $\underline{\mathbf{a}}$ 22'21 0.67112 AU
morning max el	-3251 Dec 10 j 20:56	29° $\underline{\mathbf{a}}$ 45'34 25°26'18		morning rise	-3250 Nov 07 j 00:17	8° $\underline{\mathbf{a}}$ 47'45
	-3251 Dec 11 j 02:39	0° $\mathbb{M}$		direct	-3250 Nov 12 j 07:57	6° $\underline{\mathbf{a}}$ 29'56
desc. node	-3251 Dec 22 j 07:28	13° $\mathbb{M}$ 30'24		morning max el	-3250 Nov 23 j 05:40	13° $\underline{\mathbf{a}}$ 00'02 24°02'47
	-3250 Jan 02 j 14:23	0° $\mathbb{X}$			-3250 Dec 06 j 23:04	0° $\mathbb{M}$
morning set	-3250 Jan 16 j 03:11	22° $\mathbb{X}$ 47'05		desc. node	-3250 Dec 09 j 04:30	3° $\mathbb{M}$ 08'56
max. Earth dist.	-3250 Jan 19 j 21:31	29° $\mathbb{X}$ 44'23 1.36430 AU			-3250 Dec 26 j 10:46	0° $\mathbb{X}$
	-3250 Jan 20 j 00:49	0° $\mathbb{Z}$		morning set	-3250 Dec 28 j 20:50	4° $\mathbb{X}$ 06'48
				max. Earth dist.	-3249 Jan 01 j 18:11	10° $\mathbb{X}$ 55'33 1.38394 AU
superior conj	-3250 Jan 25 j 18:15	11° $\mathbb{Z}$ 06'52 -1°37'27				
minimum elong	-3250 Jan 25 j 21:28	11° $\mathbb{Z}$ 22'50 1°37'13		superior conj	-3249 Jan 08 j 22:17	24° $\mathbb{X}$ 09'03 -1°51'16
evening rise	-3250 Feb 02 j 20:44	27° $\mathbb{Z}$ 31'03		minimum elong	-3249 Jan 09 j 00:30	24° $\mathbb{X}$ 19'36 1°51'16
	-3250 Feb 04 j 02:21	0° $\approx$			-3249 Jan 11 j 23:16	0° $\mathbb{Z}$
asc. node	-3250 Feb 06 j 07:36	4° $\approx$ 23'03		evening rise	-3249 Jan 17 j 18:49	11° $\mathbb{Z}$ 24'13
evening max el	-3250 Feb 20 j 11:17	25° $\approx$ 55'33 19°47'53		asc. node	-3249 Jan 24 j 04:38	23° $\mathbb{Z}$ 35'15
	-3250 Feb 26 j 18:27	0° $\mathbb{X}$			-3249 Jan 27 j 23:53	0° $\approx$
retrograde	-3250 Mar 02 j 06:24	0° $\mathbb{X}$ 34'57		evening max el	-3249 Feb 03 j 08:22	8° $\approx$ 06'53 18°54'35
evening set	-3250 Mar 04 j 13:09	0° $\mathbb{X}$ 20'57		retrograde	-3249 Feb 11 j 16:15	12° $\approx$ 07'22
	-3250 Mar 05 j 21:53	30° $\mathbb{R}$ $\approx$		evening set	-3249 Feb 14 j 01:52	11° $\approx$ 48'45
inferior conj	-3250 Mar 13 j 03:58	26° $\approx$ 18'44 1°53'53		inferior conj	-3249 Feb 21 j 22:58	7° $\approx$ 30'39 3°10'59
minimum elong	-3250 Mar 13 j 08:18	26° $\approx$ 11'57 1°52'29		minimum elong	-3249 Feb 22 j 03:29	7° $\approx$ 22'30 3°09'57
min. Earth dist.	-3250 Mar 15 j 12:24	24° $\approx$ 51'13 0.55929 AU		min. Earth dist.	-3249 Feb 25 j 04:06	5° $\approx$ 12'56 0.57427 AU
desc. node	-3250 Mar 20 j 06:30	22° $\approx$ 20'55		morning rise	-3249 Mar 02 j 02:28	2° $\approx$ 23'56
morning rise	-3250 Mar 22 j 01:09	21° $\approx$ 42'28		direct	-3249 Mar 07 j 11:56	1° $\approx$ 14'11
direct	-3250 Mar 26 j 05:23	21° $\approx$ 03'41		desc. node	-3249 Mar 07 j 03:36	1° $\approx$ 14'29
morning max el	-3250 Apr 09 j 03:01	28° $\approx$ 01'23 24°15'09		morning max el	-3249 Mar 21 j 18:15	8° $\approx$ 37'57 25°48'04
	-3250 Apr 11 j 02:00	0° $\mathbb{X}$			-3249 Apr 06 j 18:10	0° $\mathbb{X}$
	-3250 Apr 30 j 10:38	0° $\mathbb{Y}$		morning set	-3249 Apr 18 j 12:18	22° $\mathbb{X}$ 20'06
morning set	-3250 May 04 j 00:22	7° $\mathbb{Y}$ 18'47		asc. node	-3249 Apr 22 j 04:08	0° $\mathbb{Y}$ 09'41
asc. node	-3250 May 05 j 07:05	10° $\mathbb{Y}$ 01'09			-3249 Apr 22 j 02:21	0° $\mathbb{Y}$
superior conj	-3250 May 11 j 01:32	22° $\mathbb{Y}$ 27'28 0°56'59		superior conj	-3249 Apr 25 j 12:22	7° $\mathbb{Y}$ 27'15 0°34'23
minimum elong	-3250 May 10 j 23:18	22° $\mathbb{Y}$ 15'24 0°56'37		minimum elong	-3249 Apr 25 j 10:55	7° $\mathbb{Y}$ 19'15 0°34'06
max. Earth dist.	-3250 May 12 j 18:41	26° $\mathbb{Y}$ 08'45 1.33313 AU		max. Earth dist.	-3249 Apr 26 j 05:31	9° $\mathbb{Y}$ 00'51 1.32747 AU
	-3250 May 14 j 14:10	0° $\mathbb{Z}$		evening rise	-3249 May 02 j 14:44	22° $\mathbb{Y}$ 38'35
evening rise	-3250 May 18 j 10:35	7° $\mathbb{Z}$ 58'05			-3249 May 06 j 06:23	0° $\mathbb{Z}$
	-3250 May 30 j 08:15	0° $\mathbb{II}$			-3249 May 24 j 08:35	0° $\mathbb{II}$
desc. node	-3250 Jun 16 j 05:28	23° $\mathbb{II}$ 58'43		evening max el	-3249 Jun 02 j 18:27	10° $\mathbb{II}$ 55'48 27°05'06
evening max el	-3250 Jun 20 j 12:29	28° $\mathbb{II}$ 29'30 27°25'08		desc. node	-3249 Jun 03 j 02:30	11° $\mathbb{II}$ 14'53
	-3250 Jun 22 j 03:57	0° $\mathbb{S}$		retrograde	-3249 Jun 16 j 17:08	18° $\mathbb{II}$ 16'43
retrograde	-3250 Jul 04 j 05:51	5° $\mathbb{S}$ 51'57		evening set	-3249 Jun 23 j 15:45	16° $\mathbb{II}$ 05'01
evening set	-3250 Jul 11 j 10:01	3° $\mathbb{S}$ 15'40		min. Earth dist.	-3249 Jun 27 j 08:01	13° $\mathbb{II}$ 20'16 0.61326 AU
min. Earth dist.	-3250 Jul 15 j 00:09	0° $\mathbb{S}$ 10'30 0.63216 AU		inferior conj	-3249 Jun 30 j 13:00	10° $\mathbb{II}$ 30'20 -4°18'20
	-3250 Jul 15 j 04:28	30° $\mathbb{R}$ $\mathbb{II}$		minimum elong	-3249 Jun 30 j 15:06	10° $\mathbb{II}$ 25'41 4°18'03
inferior conj	-3250 Jul 17 j 17:44	27° $\mathbb{II}$ 26'16 -3°53'15		morning rise	-3249 Jul 07 j 16:04	5° $\mathbb{II}$ 37'55
minimum elong	-3250 Jul 17 j 21:25	27° $\mathbb{II}$ 17'03 3°52'28		direct	-3249 Jul 10 j 05:07	5° $\mathbb{II}$ 11'08
morning rise	-3250 Jul 24 j 09:46	22° $\mathbb{II}$ 12'54		morning max el	-3249 Jul 17 j 04:26	8° $\mathbb{II}$ 38'33 18°01'25
direct	-3250 Jul 27 j 00:47	21° $\mathbb{II}$ 39'56		asc. node	-3249 Jul 19 j 03:32	10° $\mathbb{II}$ 46'10
asc. node	-3250 Aug 01 j 06:27	23° $\mathbb{II}$ 51'15			-3249 Jul 31 j 02:08	0° $\mathbb{S}$
morning max el	-3250 Aug 02 j 14:47	25° $\mathbb{II}$ 04'15 17°56'13		morning set	-3249 Aug 02 j 05:16	3° $\mathbb{S}$ 54'32
	-3250 Aug 06 j 16:29	0° $\mathbb{S}$				
morning set	-3250 Aug 19 j 07:30	20° $\mathbb{S}$ 57'58		superior conj	-3249 Aug 12 j 13:31	22° $\mathbb{S}$ 36'15 1°36'20
	-3250 Aug 24 j 11:46	0° $\mathbb{Q}$		minimum elong	-3249 Aug 12 j 17:29	22° $\mathbb{S}$ 53'37 1°36'08
					-3249 Aug 16 j 20:21	0° $\mathbb{Q}$
superior conj	-3250 Aug 31 j 06:11	11° $\mathbb{Q}$ 29'27 1°11'49		max. Earth dist.	-3249 Aug 20 j 01:27	5° $\mathbb{Q}$ 23'39 1.42064 AU
minimum elong	-3250 Aug 31 j 11:50	11° $\mathbb{Q}$ 52'59 1°11'17		evening rise	-3249 Aug 26 j 08:19	15° $\mathbb{Q}$ 36'20
max. Earth dist.	-3250 Sep 06 j 15:09	21° $\mathbb{Q}$ 56'04 1.43597 AU		desc. node	-3249 Aug 30 j 01:52	21° $\mathbb{Q}$ 28'24
	-3250 Sep 11 j 16:41	0° $\mathbb{P}$			-3249 Sep 04 j 15:41	0° $\mathbb{P}$
desc. node	-3250 Sep 12 j 04:53	0° $\mathbb{P}$ 47'58			-3249 Sep 26 j 18:10	0° $\underline{\mathbf{a}}$
evening rise	-3250 Sep 15 j 21:12	6° $\mathbb{P}$ 32'27		evening max el	-3249 Sep 27 j 21:23	1° $\underline{\mathbf{a}}$ 11'11 22°09'56

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3249 Oct 07 j 06:30	6°♌45'48		evening max el	-3248 Sep 09 j 11:09	14°♏37'50	23°30'14
evening set	-3249 Oct 11 j 17:32	4°♌58'36		retrograde	-3248 Sep 19 j 23:17	20°♏50'35	
asc. node	-3249 Oct 15 j 02:35	1°♌20'03		evening set	-3248 Sep 25 j 00:16	18°♏44'10	
	-3249 Oct 16 j 02:38	30°♏		inferior conj	-3248 Sep 30 j 07:57	12°♏24'49	-0°13'30
inferior conj	-3249 Oct 17 j 01:18	28°♏42'00	0°39'56	minimum elong	-3248 Sep 30 j 08:16	12°♏23'45	0°13'20
minimum elong	-3249 Oct 17 j 00:23	28°♏45'10	0°39'33	transit middle	-3248 Sep 30 j 08:16	12°♏23'45	0°13'20
min. Earth dist.	-3249 Oct 17 j 02:29	28°♏37'55	0.67424 AU	transit begin	-3248 Sep 30 j 06:42	12°♏29'07	
morning rise	-3249 Oct 22 j 07:07	22°♏28'00		transit end	-3248 Sep 30 j 09:50	12°♏18'23	
direct	-3249 Oct 26 j 23:42	20°♏31'49		min. Earth dist.	-3248 Sep 29 j 22:58	12°♏55'38	0.67433 AU
morning max el	-3249 Nov 05 j 16:39	26°♏18'28	22°36'05	asc. node	-3248 Sep 30 j 23:40	11°♏31'10	
	-3249 Nov 09 j 01:26	0°♌		morning rise	-3248 Oct 05 j 16:12	6°♏14'27	
desc. node	-3249 Nov 26 j 01:31	23°♌11'51		direct	-3248 Oct 09 j 18:58	4°♏39'32	
	-3249 Nov 30 j 13:29	0°♌		morning max el	-3248 Oct 18 j 08:53	9°♏42'53	21°14'21
morning set	-3249 Dec 09 j 10:45	14°♌04'06			-3248 Nov 02 j 21:23	0°♌	
max. Earth dist.	-3249 Dec 14 j 14:58	22°♌41'21	1.40473 AU	desc. node	-3248 Nov 11 j 22:31	13°♌31'50	
	-3249 Dec 18 j 20:31	0°♌		morning set	-3248 Nov 17 j 21:17	22°♌44'52	
					-3248 Nov 22 j 10:51	0°♌	
superior conj	-3249 Dec 22 j 09:25	6°♌18'11	-1°56'12	max. Earth dist.	-3248 Nov 25 j 17:34	5°♌19'13	1.42379 AU
minimum elong	-3249 Dec 22 j 09:09	6°♌16'57	1°56'18				
evening rise	-3248 Jan 01 j 07:20	24°♌44'38		superior conj	-3248 Dec 02 j 22:04	17°♌20'39	-1°48'23
	-3248 Jan 04 j 02:25	0°♌		minimum elong	-3248 Dec 02 j 17:58	17°♌03'10	1°48'15
asc. node	-3248 Jan 11 j 01:41	12°♌16'30			-3248 Dec 10 j 03:44	0°♌	
evening max el	-3248 Jan 17 j 13:28	20°♌47'49	18°21'25	evening rise	-3248 Dec 14 j 06:37	7°♌24'10	
retrograde	-3248 Jan 24 j 20:39	24°♌24'37		asc. node	-3248 Dec 27 j 22:43	0°♌17'11	
evening set	-3248 Jan 27 j 09:44	23°♌59'26			-3248 Dec 27 j 17:35	0°♌	
inferior conj	-3248 Feb 03 j 14:37	19°♌20'55	3°51'02	evening max el	-3248 Dec 30 j 23:46	3°♌50'25	18°08'13
minimum elong	-3248 Feb 03 j 16:47	19°♌16'22	3°50'44	retrograde	-3247 Jan 06 j 16:59	7°♌17'56	
min. Earth dist.	-3248 Feb 06 j 23:49	16°♌32'03	0.59356 AU	evening set	-3247 Jan 09 j 09:25	6°♌44'58	
morning rise	-3248 Feb 10 j 21:44	13°♌50'20		inferior conj	-3247 Jan 16 j 00:59	1°♌45'05	4°00'44
direct	-3248 Feb 17 j 07:25	12°♌01'23		minimum elong	-3247 Jan 16 j 00:32	1°♌46'09	4°00'37
desc. node	-3248 Feb 22 j 00:43	12°♌57'41			-3247 Jan 17 j 20:25	30°♌	
morning max el	-3248 Mar 02 j 13:42	19°♌39'12	26°59'14	min. Earth dist.	-3247 Jan 19 j 02:24	28°♌49'21	0.61380 AU
	-3248 Mar 11 j 09:44	0°♌		morning rise	-3247 Jan 22 j 14:23	25°♌58'39	
	-3248 Mar 29 j 08:45	0°♌		direct	-3247 Jan 29 j 13:26	23°♌34'53	
morning set	-3248 Apr 01 j 22:20	7°♌14'50		desc. node	-3247 Feb 07 j 21:48	27°♌15'10	
asc. node	-3248 Apr 08 j 01:08	20°♌22'29			-3247 Feb 11 j 05:50	0°♌	
				morning max el	-3247 Feb 12 j 15:15	1°♌19'11	27°37'50
superior conj	-3248 Apr 09 j 00:08	22°♌28'22	0°10'03		-3247 Mar 05 j 12:58	0°♌	
minimum elong	-3248 Apr 08 j 23:41	22°♌25'55	0°09'56	morning set	-3247 Mar 17 j 04:35	21°♌56'11	
behind sun begin	-3248 Apr 08 j 19:46	22°♌04'30			-3247 Mar 21 j 00:51	0°♌	
behind sun end	-3248 Apr 09 j 03:35	22°♌47'21		max. Earth dist.	-3247 Mar 23 j 06:45	4°♌50'26	1.32656 AU
max. Earth dist.	-3248 Apr 08 j 18:46	21°♌59'01	1.32525 AU				
	-3248 Apr 12 j 10:51	0°♌		superior conj	-3247 Mar 24 j 11:11	7°♌24'59	-0°15'14
evening rise	-3248 Apr 15 j 23:22	7°♌31'14		minimum elong	-3247 Mar 24 j 11:52	7°♌28'46	0°15'08
	-3248 Apr 27 j 19:24	0°♌		behind sun begin	-3247 Mar 24 j 10:24	7°♌20'45	
evening max el	-3248 May 14 j 18:18	22°♌39'37	26°12'53	behind sun end	-3247 Mar 24 j 13:21	7°♌36'47	
desc. node	-3248 May 19 j 23:35	26°♌53'52		asc. node	-3247 Mar 25 j 22:08	10°♌35'35	
retrograde	-3248 May 28 j 20:20	29°♌56'57		evening rise	-3247 Mar 31 j 10:28	22°♌28'54	
evening set	-3248 Jun 04 j 01:08	28°♌21'30			-3247 Apr 04 j 02:17	0°♌	
min. Earth dist.	-3248 Jun 08 j 07:11	25°♌40'14	0.59278 AU		-3247 Apr 22 j 23:08	0°♌	
inferior conj	-3248 Jun 11 j 16:07	23°♌04'55	-4°22'28	evening max el	-3247 Apr 26 j 12:22	3°♌44'38	24°54'25
minimum elong	-3248 Jun 11 j 15:07	23°♌06'52	4°22'20	desc. node	-3247 May 06 j 20:39	10°♌19'55	
morning rise	-3248 Jun 19 j 07:33	18°♌34'25		retrograde	-3247 May 10 j 12:54	10°♌51'17	
direct	-3248 Jun 21 j 19:45	18°♌12'33		evening set	-3247 May 15 j 12:37	9°♌54'19	
morning max el	-3248 Jun 29 j 13:43	21°♌54'38	18°26'11	min. Earth dist.	-3247 May 21 j 00:32	7°♌00'18	0.57350 AU
asc. node	-3248 Jul 05 j 00:35	28°♌38'18		inferior conj	-3247 May 23 j 23:57	5°♌01'25	-3°55'14
	-3248 Jul 05 j 22:02	0°♌		minimum elong	-3247 May 23 j 19:15	5°♌09'18	3°54'25
morning set	-3248 Jul 15 j 16:48	17°♌32'11		morning rise	-3247 Jun 01 j 04:53	0°♌50'41	
	-3248 Jul 22 j 05:33	0°♌		direct	-3247 Jun 03 j 16:53	0°♌32'35	
				morning max el	-3247 Jun 12 j 15:40	4°♌43'05	19°11'19
superior conj	-3248 Jul 24 j 20:45	4°♌54'42	1°47'30	asc. node	-3247 Jun 21 j 21:38	17°♌14'37	
minimum elong	-3248 Jul 24 j 22:05	5°♌00'52	1°47'34		-3247 Jun 28 j 17:40	0°♌	
max. Earth dist.	-3248 Aug 01 j 05:41	18°♌06'17	1.40191 AU	morning set	-3247 Jun 29 j 14:13	1°♌41'23	
evening rise	-3248 Aug 05 j 17:13	25°♌42'28					
	-3248 Aug 08 j 07:51	0°♌		superior conj	-3247 Jul 07 j 22:06	18°♌08'54	1°47'59
desc. node	-3248 Aug 15 j 22:50	12°♌00'47		minimum elong	-3247 Jul 07 j 21:17	18°♌04'57	1°48'05
	-3248 Aug 28 j 09:21	0°♌			-3247 Jul 14 j 05:09	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3247 Jul 14 j 07:31	0° $\mathfrak{D}$ 10'49	1.38236 AU	evening rise	-3246 Jun 30 j 13:51	19° $\mathfrak{I}$ 34'55	
evening rise	-3247 Jul 18 j 04:12	7° $\mathfrak{D}$ 04'49			-3246 Jul 06 j 10:41	0° $\mathfrak{D}$	
	-3247 Aug 01 j 06:16	0° $\mathfrak{Q}$		desc. node	-3246 Jul 20 j 16:48	22° $\mathfrak{D}$ 21'44	
desc. node	-3247 Aug 02 j 19:48	2° $\mathfrak{Q}$ 20'32			-3246 Jul 26 j 06:58	0° $\mathfrak{Q}$	
evening max el	-3247 Aug 22 j 22:27	28° $\mathfrak{Q}$ 08'13	24°49'23	evening max el	-3246 Aug 05 j 09:27	11° $\mathfrak{Q}$ 41'11	25°59'36
	-3247 Aug 24 j 22:04	0° $\mathfrak{P}$		retrograde	-3246 Aug 17 j 20:15	18° $\mathfrak{Q}$ 47'58	
retrograde	-3247 Sep 03 j 12:06	4° $\mathfrak{P}$ 52'45		evening set	-3246 Aug 24 j 02:55	16° $\mathfrak{Q}$ 08'15	
evening set	-3247 Sep 09 j 04:02	2° $\mathfrak{P}$ 27'58		min. Earth dist.	-3246 Aug 28 j 08:16	11° $\mathfrak{Q}$ 32'09	0.66517 AU
	-3247 Sep 11 j 13:20	30° $\mathfrak{R}$ $\mathfrak{Q}$		inferior conj	-3246 Aug 29 j 15:24	9° $\mathfrak{Q}$ 54'01	-1°59'54
min. Earth dist.	-3247 Sep 13 j 17:42	27° $\mathfrak{Q}$ 14'22	0.67141 AU	minimum elong	-3246 Aug 29 j 18:11	9° $\mathfrak{Q}$ 45'14	1°58'46
inferior conj	-3247 Sep 14 j 13:14	26° $\mathfrak{Q}$ 09'29	-1°07'21	morning rise	-3246 Sep 04 j 09:37	4° $\mathfrak{Q}$ 00'31	
minimum elong	-3247 Sep 14 j 14:50	26° $\mathfrak{Q}$ 04'10	1°06'37	asc. node	-3246 Sep 04 j 17:51	3° $\mathfrak{Q}$ 48'29	
asc. node	-3247 Sep 17 j 20:46	22° $\mathfrak{Q}$ 03'55		direct	-3246 Sep 07 j 14:54	3° $\mathfrak{Q}$ 00'46	
morning rise	-3247 Sep 20 j 01:39	20° $\mathfrak{Q}$ 05'55		morning max el	-3246 Sep 14 j 14:49	6° $\mathfrak{Q}$ 58'12	19°06'26
direct	-3247 Sep 23 j 16:36	18° $\mathfrak{Q}$ 50'04			-3246 Sep 30 j 22:43	0° $\mathfrak{P}$	
morning max el	-3247 Oct 01 j 08:18	23° $\mathfrak{Q}$ 16'05	20°03'18	morning set	-3246 Oct 07 j 03:49	9° $\mathfrak{P}$ 45'08	
	-3247 Oct 06 j 23:18	0° $\mathfrak{P}$		desc. node	-3246 Oct 16 j 16:25	24° $\mathfrak{P}$ 43'08	
	-3247 Oct 27 j 04:41	0° $\mathfrak{L}$			-3246 Oct 20 j 00:58	0° $\mathfrak{L}$	
morning set	-3247 Oct 27 j 18:57	0° $\mathfrak{L}$ 55'13		max. Earth dist.	-3246 Oct 21 j 20:14	2° $\mathfrak{L}$ 50'32	1.44707 AU
desc. node	-3247 Oct 29 j 19:28	4° $\mathfrak{L}$ 03'27					
max. Earth dist.	-3247 Nov 08 j 03:57	18° $\mathfrak{L}$ 47'26	1.43856 AU	superior conj	-3246 Oct 23 j 16:23	5° $\mathfrak{L}$ 44'55	-0°43'42
				minimum elong	-3246 Oct 23 j 10:57	5° $\mathfrak{L}$ 23'28	0°43'02
superior conj	-3247 Nov 13 j 07:36	27° $\mathfrak{L}$ 06'09	-1°24'15	evening rise	-3246 Nov 07 j 19:51	0° $\mathfrak{M}$ .05'12	
minimum elong	-3247 Nov 13 j 00:28	26° $\mathfrak{L}$ 37'09	1°23'36		-3246 Nov 07 j 18:34	0° $\mathfrak{M}$ .	
	-3247 Nov 15 j 02:05	0° $\mathfrak{M}$ .			-3246 Nov 27 j 13:24	0° $\mathfrak{X}$	
evening rise	-3247 Nov 26 j 12:15	19° $\mathfrak{M}$ .13'32		evening max el	-3246 Nov 28 j 00:22	0° $\mathfrak{X}$ 28'50	18°38'34
	-3247 Dec 02 j 19:10	0° $\mathfrak{X}$		asc. node	-3246 Dec 01 j 16:52	3° $\mathfrak{X}$ 24'25	
evening max el	-3247 Dec 14 j 12:18	17° $\mathfrak{X}$ 05'56	18°14'15	retrograde	-3246 Dec 04 j 16:42	4° $\mathfrak{X}$ 12'59	
asc. node	-3247 Dec 14 j 19:48	17° $\mathfrak{X}$ 24'33		evening set	-3246 Dec 07 j 17:48	3° $\mathfrak{X}$ 20'49	
retrograde	-3247 Dec 21 j 01:01	20° $\mathfrak{X}$ 36'31			-3246 Dec 11 j 15:15	30° $\mathfrak{R}$ $\mathfrak{M}$ .	
evening set	-3247 Dec 23 j 21:12	19° $\mathfrak{X}$ 54'41		inferior conj	-3246 Dec 13 j 14:53	27° $\mathfrak{M}$ .42'28	3°21'28
inferior conj	-3247 Dec 30 j 02:18	14° $\mathfrak{X}$ 34'23	3°48'37	minimum elong	-3246 Dec 13 j 11:52	27° $\mathfrak{M}$ .51'26	3°20'41
minimum elong	-3247 Dec 30 j 00:05	14° $\mathfrak{X}$ 40'24	3°48'13	min. Earth dist.	-3246 Dec 15 j 11:38	25° $\mathfrak{M}$ .29'14	0.64782 AU
min. Earth dist.	-3246 Jan 01 j 14:02	11° $\mathfrak{X}$ 53'03	0.63237 AU	morning rise	-3246 Dec 19 j 05:35	21° $\mathfrak{M}$ .36'59	
morning rise	-3246 Jan 05 j 02:17	8° $\mathfrak{X}$ 37'01		direct	-3246 Dec 26 j 00:19	18° $\mathfrak{M}$ .45'31	
direct	-3246 Jan 12 j 03:30	5° $\mathfrak{X}$ 51'47		morning max el	-3245 Jan 08 j 07:16	26° $\mathfrak{M}$ .25'09	27°08'25
desc. node	-3246 Jan 25 j 18:52	13° $\mathfrak{X}$ 29'43			-3245 Jan 11 j 16:00	0° $\mathfrak{X}$	
morning max el	-3246 Jan 25 j 21:53	13° $\mathfrak{X}$ 37'07	27°40'09	desc. node	-3245 Jan 12 j 15:56	1° $\mathfrak{X}$ 08'38	
	-3246 Feb 08 j 04:09	0° $\mathfrak{Z}$			-3245 Feb 01 j 17:36	0° $\mathfrak{Z}$	
	-3246 Feb 26 j 00:14	0° $\mathfrak{A}$		morning set	-3245 Feb 12 j 19:34	20° $\mathfrak{Z}$ 01'23	
morning set	-3246 Mar 01 j 04:39	6° $\mathfrak{A}$ 14'54		max. Earth dist.	-3245 Feb 17 j 11:32	29° $\mathfrak{Z}$ 19'07	1.34083 AU
max. Earth dist.	-3246 Mar 06 j 13:35	17° $\mathfrak{A}$ 20'42	1.33162 AU		-3245 Feb 17 j 19:32	0° $\mathfrak{A}$	
superior conj	-3246 Mar 08 j 19:45	22° $\mathfrak{A}$ 09'51	-0°40'34	superior conj	-3245 Feb 20 j 23:55	6° $\mathfrak{A}$ 36'33	-1°04'52
minimum elong	-3246 Mar 08 j 21:34	22° $\mathfrak{A}$ 19'38	0°40'16	minimum elong	-3245 Feb 21 j 02:40	6° $\mathfrak{A}$ 51'04	1°04'29
	-3246 Mar 12 j 10:57	0° $\mathfrak{H}$		asc. node	-3245 Feb 27 j 16:09	20° $\mathfrak{A}$ 43'41	
asc. node	-3246 Mar 12 j 19:08	0° $\mathfrak{H}$ 44'03		evening rise	-3245 Feb 28 j 08:35	22° $\mathfrak{A}$ 09'38	
evening rise	-3246 Mar 15 j 22:07	7° $\mathfrak{H}$ 23'47			-3245 Mar 04 j 05:06	0° $\mathfrak{H}$	
	-3246 Mar 27 j 22:34	0° $\mathfrak{Y}$		evening max el	-3245 Mar 20 j 23:42	25° $\mathfrak{H}$ 14'44	21°48'49
evening max el	-3246 Apr 08 j 04:07	14° $\mathfrak{Y}$ 27'17	23°21'38		-3245 Mar 27 j 17:46	0° $\mathfrak{Y}$	
retrograde	-3246 Apr 21 j 16:29	21° $\mathfrak{Y}$ 09'16		retrograde	-3245 Apr 02 j 09:07	1° $\mathfrak{Y}$ 14'59	
desc. node	-3246 Apr 23 j 17:45	20° $\mathfrak{Y}$ 59'54		evening set	-3245 Apr 05 j 00:49	0° $\mathfrak{Y}$ 59'12	
evening set	-3246 Apr 25 j 07:50	20° $\mathfrak{Y}$ 40'15			-3245 Apr 08 j 07:39	30° $\mathfrak{R}$ $\mathfrak{H}$ .	
min. Earth dist.	-3246 May 02 j 14:52	17° $\mathfrak{Y}$ 21'39	0.55877 AU	desc. node	-3245 Apr 10 j 14:52	28° $\mathfrak{H}$ 57'55	
inferior conj	-3246 May 04 j 11:56	16° $\mathfrak{Y}$ 15'03	-2°47'37	inferior conj	-3245 Apr 14 j 09:41	26° $\mathfrak{H}$ 55'13	-1°03'02
minimum elong	-3246 May 04 j 05:48	16° $\mathfrak{Y}$ 24'09	2°45'55	minimum elong	-3245 Apr 14 j 06:46	26° $\mathfrak{H}$ 59'20	1°02'02
morning rise	-3246 May 13 j 06:23	12° $\mathfrak{Y}$ 17'09		min. Earth dist.	-3245 Apr 14 j 04:29	27° $\mathfrak{H}$ 02'32	0.55165 AU
direct	-3246 May 15 j 19:29	12° $\mathfrak{Y}$ 01'11		morning rise	-3245 Apr 23 j 13:39	22° $\mathfrak{H}$ 55'50	
morning max el	-3246 May 26 j 07:47	16° $\mathfrak{Y}$ 54'11	20°16'59	direct	-3245 Apr 26 j 08:53	22° $\mathfrak{H}$ 38'26	
	-3246 Jun 05 j 04:44	0° $\mathfrak{B}$		morning max el	-3245 May 08 j 13:03	28° $\mathfrak{H}$ 23'41	21°41'08
asc. node	-3246 Jun 08 j 18:38	6° $\mathfrak{B}$ 24'04			-3245 May 10 j 03:51	0° $\mathfrak{Y}$	
morning set	-3246 Jun 13 j 18:31	16° $\mathfrak{B}$ 13'46		asc. node	-3245 May 26 j 15:39	25° $\mathfrak{Y}$ 58'14	
	-3246 Jun 20 j 11:58	0° $\mathfrak{I}$			-3245 May 28 j 15:14	0° $\mathfrak{B}$	
				morning set	-3245 May 29 j 03:19	1° $\mathfrak{B}$ 02'20	
superior conj	-3246 Jun 21 j 12:31	2° $\mathfrak{I}$ 04'15	1°40'23				
minimum elong	-3246 Jun 21 j 10:23	1° $\mathfrak{I}$ 53'34	1°40'21	superior conj	-3245 Jun 05 j 12:02	16° $\mathfrak{B}$ 28'57	1°26'50
max. Earth dist.	-3246 Jun 26 j 12:59	11° $\mathfrak{I}$ 58'56	1.36426 AU	minimum elong	-3245 Jun 05 j 09:25	16° $\mathfrak{B}$ 15'14	1°26'36

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3245 Jun 09 j 02:42	23° $\text{U}$ 54'39	1.34921 AU	superior conj	-3244 May 19 j 17:46	1° $\text{U}$ 14'05	1°08'52
	-3245 Jun 12 j 04:06	0° $\text{U}$		minimum elong	-3244 May 19 j 15:15	1° $\text{U}$ 00'38	1°08'31
evening rise	-3245 Jun 13 j 16:52	2° $\text{U}$ 58'07		max. Earth dist.	-3244 May 22 j 02:15	6° $\text{U}$ 13'44	1.33787 AU
	-3245 Jun 29 j 07:51	0° $\text{U}$		evening rise	-3244 May 27 j 08:32	17° $\text{U}$ 01'15	
desc. node	-3245 Jul 07 j 13:51	11° $\text{U}$ 55'36			-3244 Jun 03 j 04:48	0° $\text{U}$	
evening max el	-3245 Jul 18 j 20:49	25° $\text{U}$ 09'41	26°52'52		-3244 Jun 22 j 18:34	0° $\text{U}$	
	-3245 Jul 24 j 19:19	0° $\text{U}$		desc. node	-3244 Jun 23 j 10:55	0° $\text{U}$ 50'36	
retrograde	-3245 Jul 31 j 23:26	2° $\text{U}$ 28'56		evening max el	-3244 Jun 30 j 07:49	8° $\text{U}$ 24'12	27°21'48
	-3245 Aug 07 j 09:18	30° $\text{U}$		retrograde	-3244 Jul 13 j 21:13	15° $\text{U}$ 47'46	
evening set	-3245 Aug 07 j 18:33	29° $\text{U}$ 41'20		evening set	-3244 Jul 21 j 00:03	13° $\text{U}$ 03'19	
min. Earth dist.	-3245 Aug 11 j 16:17	25° $\text{U}$ 43'33	0.65529 AU	min. Earth dist.	-3244 Jul 24 j 15:52	9° $\text{U}$ 40'59	0.64165 AU
inferior conj	-3245 Aug 13 j 12:21	23° $\text{U}$ 34'23	-2°49'11	inferior conj	-3244 Jul 27 j 01:45	7° $\text{U}$ 06'27	-3°32'31
minimum elong	-3245 Aug 13 j 16:02	23° $\text{U}$ 23'35	2°47'55	minimum elong	-3244 Jul 27 j 05:42	6° $\text{U}$ 55'52	3°31'28
morning rise	-3245 Aug 19 j 13:55	17° $\text{U}$ 54'11		morning rise	-3244 Aug 02 j 12:07	1° $\text{U}$ 42'31	
direct	-3245 Aug 22 j 11:51	17° $\text{U}$ 07'14		direct	-3244 Aug 05 j 04:55	1° $\text{U}$ 05'20	
asc. node	-3245 Aug 22 j 14:56	17° $\text{U}$ 07'20		asc. node	-3244 Aug 08 j 12:00	2° $\text{U}$ 00'38	
morning max el	-3245 Aug 29 j 02:39	20° $\text{U}$ 45'12	18°25'32	morning max el	-3244 Aug 11 j 17:21	4° $\text{U}$ 32'23	18°01'42
	-3245 Sep 05 j 05:06	0° $\text{U}$			-3244 Aug 28 j 10:22	0° $\text{U}$	
morning set	-3245 Sep 17 j 14:26	19° $\text{U}$ 51'34		morning set	-3244 Aug 29 j 04:01	1° $\text{U}$ 15'25	
	-3245 Sep 23 j 20:32	0° $\text{U}$					
superior conj	-3245 Oct 02 j 16:04	14° $\text{U}$ 02'59	0°05'42	superior conj	-3244 Sep 11 j 05:16	23° $\text{U}$ 04'17	0°51'07
minimum elong	-3245 Oct 02 j 16:48	14° $\text{U}$ 05'54	0°05'38	minimum elong	-3244 Sep 11 j 10:27	23° $\text{U}$ 25'23	0°50'33
behind sun begin	-3245 Oct 02 j 06:10	13° $\text{U}$ 23'51			-3244 Sep 15 j 12:28	0° $\text{U}$	
behind sun end	-3245 Oct 03 j 03:27	14° $\text{U}$ 47'56		max. Earth dist.	-3244 Sep 16 j 07:36	1° $\text{U}$ 16'20	1.44237 AU
desc. node	-3245 Oct 03 j 13:23	15° $\text{U}$ 27'09		desc. node	-3244 Sep 19 j 10:22	6° $\text{U}$ 12'28	
max. Earth dist.	-3245 Oct 04 j 14:38	17° $\text{U}$ 06'44	1.44833 AU	evening rise	-3244 Sep 27 j 13:12	18° $\text{U}$ 51'54	
	-3245 Oct 12 j 19:26	0° $\text{U}$			-3244 Oct 04 j 19:34	0° $\text{U}$	
evening rise	-3245 Oct 19 j 02:46	9° $\text{U}$ 54'09		evening max el	-3244 Oct 24 j 13:49	27° $\text{U}$ 21'31	20°16'43
greatest brilliancy	-3245 Oct 29 j 07:54	25° $\text{U}$ 53'16	-0.8m		-3244 Oct 27 j 12:27	0° $\text{U}$	
	-3245 Nov 01 j 00:23	0° $\text{U}$		retrograde	-3244 Nov 01 j 09:55	1° $\text{U}$ 58'03	
evening max el	-3245 Nov 11 j 09:30	13° $\text{U}$ 54'43	19°19'59	asc. node	-3244 Nov 04 j 11:03	1° $\text{U}$ 04'18	
retrograde	-3245 Nov 18 j 12:35	18° $\text{U}$ 01'19		evening set	-3244 Nov 05 j 02:32	0° $\text{U}$ 38'57	
asc. node	-3245 Nov 18 j 13:58	18° $\text{U}$ 01'18			-3244 Nov 05 j 22:12	30° $\text{U}$	
evening set	-3245 Nov 21 j 20:21	16° $\text{U}$ 56'54		inferior conj	-3244 Nov 10 j 13:35	24° $\text{U}$ 34'02	1°59'19
inferior conj	-3245 Nov 27 j 11:31	11° $\text{U}$ 03'34	2°43'57	minimum elong	-3244 Nov 10 j 11:06	24° $\text{U}$ 42'21	1°58'22
minimum elong	-3245 Nov 27 j 08:30	11° $\text{U}$ 13'14	2°42'58	min. Earth dist.	-3244 Nov 11 j 07:57	23° $\text{U}$ 32'21	0.66790 AU
min. Earth dist.	-3245 Nov 28 j 18:17	9° $\text{U}$ 25'03	0.65963 AU	morning rise	-3244 Nov 15 j 19:28	18° $\text{U}$ 19'38	
morning rise	-3245 Dec 02 j 20:23	4° $\text{U}$ 52'22		direct	-3244 Nov 21 j 11:57	15° $\text{U}$ 50'08	
direct	-3245 Dec 09 j 03:20	2° $\text{U}$ 07'25		morning max el	-3244 Dec 03 j 01:38	22° $\text{U}$ 43'32	24°51'37
morning max el	-3245 Dec 21 j 16:56	9° $\text{U}$ 30'48	26°09'13		-3244 Dec 09 j 11:52	0° $\text{U}$	
desc. node	-3245 Dec 30 j 12:59	19° $\text{U}$ 46'55		desc. node	-3244 Dec 16 j 10:01	9° $\text{U}$ 07'22	
	-3244 Jan 06 j 22:32	0° $\text{U}$			-3244 Dec 30 j 06:36	0° $\text{U}$	
	-3244 Jan 25 j 05:29	0° $\text{U}$		morning set	-3243 Jan 08 j 04:28	15° $\text{U}$ 05'34	
morning set	-3244 Jan 26 j 21:18	3° $\text{U}$ 03'26		max. Earth dist.	-3243 Jan 11 j 21:22	21° $\text{U}$ 47'00	1.37228 AU
max. Earth dist.	-3244 Jan 30 j 21:52	10° $\text{U}$ 42'51	1.35444 AU		-3243 Jan 16 j 06:15	0° $\text{U}$	
superior conj	-3244 Feb 04 j 21:17	20° $\text{U}$ 37'47	-1°26'44	superior conj	-3243 Jan 18 j 08:47	4° $\text{U}$ 04'44	-1°44'12
minimum elong	-3244 Feb 05 j 00:33	20° $\text{U}$ 54'23	1°26'24	minimum elong	-3243 Jan 18 j 11:44	4° $\text{U}$ 19'09	1°44'05
	-3244 Feb 09 j 10:31	0° $\text{U}$		evening rise	-3243 Jan 26 j 18:13	20° $\text{U}$ 48'49	
evening rise	-3244 Feb 12 j 16:01	6° $\text{U}$ 40'10		asc. node	-3243 Jan 31 j 10:15	29° $\text{U}$ 56'14	
asc. node	-3244 Feb 14 j 13:12	10° $\text{U}$ 29'43			-3243 Jan 31 j 11:03	0° $\text{U}$	
	-3244 Feb 25 j 16:13	0° $\text{U}$		evening max el	-3243 Feb 12 j 19:58	18° $\text{U}$ 22'21	19°22'51
evening max el	-3244 Mar 02 j 04:27	6° $\text{U}$ 30'23	20°27'14	retrograde	-3243 Feb 21 j 23:08	22° $\text{U}$ 43'17	
retrograde	-3244 Mar 12 j 23:25	11° $\text{U}$ 38'48		evening set	-3243 Feb 24 j 06:41	22° $\text{U}$ 27'47	
evening set	-3244 Mar 15 j 05:59	11° $\text{U}$ 26'03		inferior conj	-3243 Mar 04 j 14:03	18° $\text{U}$ 20'11	2°31'13
inferior conj	-3244 Mar 24 j 05:54	7° $\text{U}$ 27'54	0°53'56	minimum elong	-3243 Mar 04 j 18:56	18° $\text{U}$ 12'07	2°29'49
minimum elong	-3244 Mar 24 j 08:17	7° $\text{U}$ 24'24	0°53'04	min. Earth dist.	-3243 Mar 07 j 09:40	16° $\text{U}$ 29'15	0.56483 AU
min. Earth dist.	-3244 Mar 25 j 18:40	6° $\text{U}$ 34'02	0.55379 AU	morning rise	-3243 Mar 13 j 04:27	13° $\text{U}$ 30'17	
desc. node	-3244 Mar 27 j 11:58	5° $\text{U}$ 35'35		desc. node	-3243 Mar 14 j 09:05	13° $\text{U}$ 08'06	
morning rise	-3244 Apr 02 j 09:06	3° $\text{U}$ 08'17		direct	-3243 Mar 17 j 21:10	12° $\text{U}$ 39'43	
direct	-3244 Apr 05 j 21:44	2° $\text{U}$ 41'11		morning max el	-3243 Apr 01 j 00:04	19° $\text{U}$ 51'23	24°56'26
morning max el	-3244 Apr 19 j 09:02	9° $\text{U}$ 17'06	23°17'57		-3243 Apr 09 j 14:15	0° $\text{U}$	
	-3244 May 04 j 09:55	0° $\text{U}$			-3243 Apr 26 j 14:52	0° $\text{U}$	
morning set	-3244 May 12 j 14:43	16° $\text{U}$ 01'14		morning set	-3243 Apr 27 j 02:55	1° $\text{U}$ 03'08	
asc. node	-3244 May 12 j 12:41	15° $\text{U}$ 50'36		asc. node	-3243 Apr 29 j 09:43	5° $\text{U}$ 54'35	
	-3244 May 19 j 03:55	0° $\text{U}$		superior conj	-3243 May 04 j 03:17	16° $\text{U}$ 10'25	0°47'41

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3243 May 04 j 01:21	15° $\Upsilon$ 59'51	0°47'20	superior conj	-3242 Apr 18 j 14:42	1° $\Upsilon$ 11'20	0°24'15
max. Earth dist.	-3243 May 05 j 09:45	18° $\Upsilon$ 55'27	1.33024 AU	minimum elong	-3242 Apr 18 j 13:39	1° $\Upsilon$ 05'34	0°24'01
	-3243 May 10 j 15:14	0° $\mathcal{B}$		max. Earth dist.	-3242 Apr 18 j 22:03	1° $\Upsilon$ 51'35	1.32614 AU
evening rise	-3243 May 11 j 08:59	1° $\mathcal{B}$ 31'03		evening rise	-3242 Apr 25 j 15:19	16° $\Upsilon$ 17'49	
	-3243 May 27 j 03:21	0° $\Pi$			-3242 May 02 j 13:50	0° $\mathcal{B}$	
desc. node	-3243 Jun 10 j 07:59	18° $\Pi$ 49'23			-3242 May 22 j 14:17	0° $\Pi$	
evening max el	-3243 Jun 12 j 16:26	21° $\Pi$ 11'54	27°20'42	evening max el	-3242 May 25 j 20:12	3° $\Pi$ 21'19	26°46'41
retrograde	-3243 Jun 26 j 12:44	28° $\Pi$ 34'22		desc. node	-3242 May 28 j 05:03	5° $\Pi$ 28'17	
evening set	-3243 Jul 03 j 15:40	26° $\Pi$ 07'00		retrograde	-3242 Jun 08 j 20:35	10° $\Pi$ 40'17	
min. Earth dist.	-3243 Jul 07 j 05:42	23° $\Pi$ 12'01	0.62443 AU	evening set	-3242 Jun 15 j 13:06	8° $\Pi$ 43'23	
inferior conj	-3243 Jul 10 j 04:36	20° $\Pi$ 23'10	-4°05'56	min. Earth dist.	-3242 Jun 19 j 09:40	6° $\Pi$ 02'04	0.60463 AU
minimum elong	-3243 Jul 10 j 07:47	20° $\Pi$ 15'32	4°05'21	inferior conj	-3242 Jun 22 j 17:25	3° $\Pi$ 15'59	-4°23'14
morning rise	-3243 Jul 17 j 01:09	15° $\Pi$ 18'19		minimum elong	-3242 Jun 22 j 18:22	3° $\Pi$ 14'00	4°23'06
direct	-3243 Jul 19 j 15:00	14° $\Pi$ 48'18			-3242 Jun 27 j 00:49	30° $\mathcal{R}$ $\mathcal{B}$	
asc. node	-3243 Jul 26 j 09:05	18° $\Pi$ 15'26		morning rise	-3242 Jun 30 j 01:32	28° $\mathcal{B}$ 32'31	
morning max el	-3243 Jul 26 j 08:07	18° $\Pi$ 13'03	17°56'00	direct	-3242 Jul 02 j 14:10	28° $\mathcal{B}$ 07'52	
	-3243 Aug 03 j 20:11	0° $\mathcal{E}$			-3242 Jul 07 j 20:15	0° $\Pi$	
morning set	-3243 Aug 11 j 15:40	13° $\mathcal{E}$ 42'34		morning max el	-3242 Jul 09 j 20:09	1° $\Pi$ 40'07	18°09'26
	-3243 Aug 20 j 21:11	0° $\mathcal{Q}$		asc. node	-3242 Jul 13 j 06:09	5° $\Pi$ 36'13	
				morning set	-3242 Jul 25 j 19:51	26° $\Pi$ 58'16	
superior conj	-3243 Aug 22 j 20:44	3° $\mathcal{Q}$ 23'37	1°23'59		-3242 Jul 27 j 10:40	0° $\mathcal{E}$	
minimum elong	-3243 Aug 23 j 01:56	3° $\mathcal{Q}$ 45'45	1°23'34	superior conj	-3242 Aug 04 j 14:51	15° $\mathcal{E}$ 02'26	1°42'33
max. Earth dist.	-3243 Aug 29 j 20:41	15° $\mathcal{Q}$ 02'48	1.43004 AU	minimum elong	-3242 Aug 04 j 17:42	15° $\mathcal{E}$ 15'12	1°42'30
desc. node	-3243 Sep 06 j 07:21	26° $\mathcal{Q}$ 55'45		max. Earth dist.	-3242 Aug 12 j 04:38	28° $\mathcal{E}$ 13'21	1.41301 AU
evening rise	-3243 Sep 06 j 18:15	27° $\mathcal{Q}$ 38'22			-3242 Aug 13 j 06:01	0° $\mathcal{Q}$	
	-3243 Sep 08 j 06:40	0° $\mathcal{N}$			-3242 Aug 17 j 13:24	7° $\mathcal{Q}$ 05'26	
	-3243 Sep 28 j 15:55	0° $\mathcal{A}$		evening rise	-3242 Aug 24 j 04:18	17° $\mathcal{Q}$ 33'23	
evening max el	-3243 Oct 07 j 12:11	10° $\mathcal{A}$ 48'14	21°26'03	desc. node	-3242 Sep 01 j 11:21	0° $\mathcal{N}$	
retrograde	-3243 Oct 16 j 06:37	16° $\mathcal{A}$ 00'22			-3242 Sep 20 j 04:43	24° $\mathcal{N}$ 14'42	22°43'50
evening set	-3243 Oct 20 j 10:20	14° $\mathcal{A}$ 24'05		evening max el	-3242 Sep 28 j 23:50	0° $\mathcal{A}$	
asc. node	-3243 Oct 22 j 08:08	12° $\mathcal{A}$ 35'42			-3242 Sep 30 j 01:03	0° $\mathcal{A}$ 05'11	
inferior conj	-3243 Oct 25 j 18:53	8° $\mathcal{A}$ 10'59	1°09'53	retrograde	-3242 Oct 01 j 01:40	30° $\mathcal{R}$ $\mathcal{N}$	
minimum elong	-3243 Oct 25 j 17:19	8° $\mathcal{A}$ 16'21	1°09'14		-3242 Oct 04 j 17:56	28° $\mathcal{N}$ 09'50	
min. Earth dist.	-3243 Oct 26 j 02:09	7° $\mathcal{A}$ 45'59	0.67283 AU	evening set	-3242 Oct 09 j 05:13	23° $\mathcal{N}$ 01'38	
morning rise	-3243 Oct 31 j 00:07	1° $\mathcal{A}$ 56'06		asc. node	-3242 Oct 10 j 01:30	21° $\mathcal{N}$ 51'54	0°17'25
	-3243 Nov 03 j 10:04	30° $\mathcal{R}$ $\mathcal{N}$		inferior conj	-3242 Oct 10 j 01:06	21° $\mathcal{N}$ 53'18	0°17'15
direct	-3243 Nov 05 j 01:23	29° $\mathcal{N}$ 47'04		minimum elong	-3242 Oct 09 j 22:22	22° $\mathcal{N}$ 02'44	0.67470 AU
	-3243 Nov 06 j 18:19	0° $\mathcal{A}$		min. Earth dist.	-3242 Oct 15 j 08:09	15° $\mathcal{N}$ 39'16	
morning max el	-3243 Nov 15 j 10:44	5° $\mathcal{A}$ 59'06	23°25'40	morning rise	-3242 Oct 19 j 18:45	13° $\mathcal{N}$ 52'13	
desc. node	-3243 Dec 03 j 07:02	28° $\mathcal{A}$ 57'43		direct	-3242 Oct 28 j 23:30	19° $\mathcal{N}$ 19'19	22°00'18
	-3243 Dec 04 j 00:03	0° $\mathcal{M}$		morning max el	-3242 Nov 06 j 19:55	0° $\mathcal{A}$	
morning set	-3243 Dec 20 j 10:51	25° $\mathcal{M}$ 51'41			-3242 Nov 20 j 03:59	19° $\mathcal{A}$ 08'36	
	-3243 Dec 22 j 21:18	0° $\mathcal{X}$		desc. node	-3242 Nov 27 j 05:21	0° $\mathcal{M}$	
max. Earth dist.	-3243 Dec 24 j 16:48	3° $\mathcal{X}$ 08'18	1.39280 AU	morning set	-3242 Nov 30 j 12:17	5° $\mathcal{M}$ 13'06	
				max. Earth dist.	-3242 Dec 06 j 16:05	15° $\mathcal{M}$ 17'27	1.41328 AU
superior conj	-3242 Jan 01 j 06:19	16° $\mathcal{X}$ 46'49	-1°54'40				
minimum elong	-3242 Jan 01 j 07:41	16° $\mathcal{X}$ 53'09	1°54'45	superior conj	-3242 Dec 14 j 08:34	28° $\mathcal{M}$ 29'20	-1°54'42
	-3242 Jan 08 j 04:58	0° $\mathcal{B}$		minimum elong	-3242 Dec 14 j 06:46	28° $\mathcal{M}$ 21'25	1°54'44
evening rise	-3242 Jan 10 j 12:38	4° $\mathcal{B}$ 29'17			-3242 Dec 15 j 05:03	0° $\mathcal{X}$	
asc. node	-3242 Jan 18 j 07:18	18° $\mathcal{B}$ 56'37			-3242 Dec 24 j 19:57	17° $\mathcal{X}$ 33'14	
	-3242 Jan 26 j 01:50	0° $\mathcal{A}$		evening rise	-3242 Dec 31 j 16:05	0° $\mathcal{B}$	
evening max el	-3242 Jan 26 j 20:54	0° $\mathcal{A}$ 48'06	18°38'02		-3241 Jan 05 j 04:20	7° $\mathcal{B}$ 21'49	
retrograde	-3242 Feb 03 j 16:38	4° $\mathcal{A}$ 36'09		asc. node	-3241 Jan 10 j 04:33	13° $\mathcal{B}$ 39'03	18°13'21
evening set	-3242 Feb 06 j 03:56	4° $\mathcal{A}$ 14'48		evening max el	-3241 Jan 17 j 04:23	17° $\mathcal{B}$ 10'11	
	-3242 Feb 13 j 11:47	30° $\mathcal{R}$ $\mathcal{B}$		retrograde	-3241 Jan 19 j 19:00	16° $\mathcal{B}$ 41'40	
inferior conj	-3242 Feb 13 j 17:49	29° $\mathcal{B}$ 48'28	3°32'12	evening set	-3241 Jan 26 j 17:48	11° $\mathcal{B}$ 53'41	3°58'20
minimum elong	-3242 Feb 13 j 21:30	29° $\mathcal{B}$ 41'23	3°31'31	inferior conj	-3241 Jan 26 j 18:47	11° $\mathcal{B}$ 51'27	3°58'11
min. Earth dist.	-3242 Feb 17 j 02:39	27° $\mathcal{B}$ 14'41	0.58219 AU	minimum elong	-3241 Jan 30 j 00:36	8° $\mathcal{B}$ 59'18	0.60229 AU
morning rise	-3242 Feb 21 j 12:37	24° $\mathcal{B}$ 30'53		min. Earth dist.	-3241 Feb 02 j 16:56	6° $\mathcal{B}$ 15'43	
direct	-3242 Feb 27 j 09:46	23° $\mathcal{B}$ 04'31		morning rise	-3241 Feb 09 j 09:44	4° $\mathcal{B}$ 11'06	
desc. node	-3242 Mar 01 j 06:12	23° $\mathcal{B}$ 13'02		direct	-3241 Feb 16 j 03:17	6° $\mathcal{B}$ 05'38	
	-3242 Mar 13 j 01:40	0° $\mathcal{A}$		desc. node	-3241 Feb 23 j 14:20	11° $\mathcal{B}$ 51'25	27°20'05
morning max el	-3242 Mar 13 j 16:22	0° $\mathcal{A}$ 35'02	26°21'44	morning max el	-3241 Mar 09 j 20:55	0° $\mathcal{A}$	
	-3242 Apr 03 j 10:26	0° $\mathcal{X}$			-3241 Mar 26 j 22:52	0° $\mathcal{X}$ 51'45	
morning set	-3242 Apr 11 j 14:13	16° $\mathcal{X}$ 02'09		morning set	-3241 Mar 26 j 12:51	0° $\mathcal{X}$	
asc. node	-3242 Apr 16 j 06:45	26° $\mathcal{X}$ 05'25			-3241 Apr 02 j 11:23	14° $\mathcal{X}$ 49'08	1.32541 AU
	-3242 Apr 18 j 01:40	0° $\Upsilon$		max. Earth dist.			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3241 Apr 03 j 02:19	16° $\text{H}$ 10'49	-0°00'38	morning set	-3240 Mar 10 j 02:49	15° $\approx$ 24'35	
minimum elong	-3241 Apr 03 j 02:21	16° $\text{H}$ 10'57	0°00'39	max. Earth dist.	-3240 Mar 15 j 21:45	27° $\approx$ 33'28	1.32822 AU
behind sun begin	-3241 Apr 02 j 21:20	15° $\text{H}$ 43'32			-3240 Mar 17 j 00:55	0° $\text{H}$	
behind sun end	-3241 Apr 03 j 07:22	16° $\text{H}$ 38'22					
asc. node	-3241 Apr 03 j 03:46	16° $\text{H}$ 18'44		superior conj	-3240 Mar 17 j 12:31	1° $\text{H}$ 02'51	-0°26'04
	-3241 Apr 09 j 11:20	0° $\text{Y}$		minimum elong	-3240 Mar 17 j 13:42	1° $\text{H}$ 09'16	0°25'52
evening rise	-3241 Apr 10 j 01:13	1° $\text{Y}$ 13'17		asc. node	-3240 Mar 20 j 00:46	6° $\text{H}$ 30'10	
	-3241 Apr 25 j 20:03	0° $\text{B}$		evening rise	-3240 Mar 24 j 12:46	16° $\text{H}$ 10'17	
evening max el	-3241 May 07 j 17:24	14° $\text{B}$ 47'16	25°42'05		-3240 Mar 31 j 10:58	0° $\text{Y}$	
desc. node	-3241 May 15 j 02:07	20° $\text{B}$ 15'30		evening max el	-3240 Apr 18 j 09:34	25° $\text{Y}$ 38'44	24°15'46
retrograde	-3241 May 21 j 19:11	22° $\text{B}$ 00'45			-3240 Apr 23 j 21:42	0° $\text{B}$	
evening set	-3241 May 27 j 12:59	20° $\text{B}$ 42'02		desc. node	-3240 Apr 30 j 23:14	2° $\text{B}$ 33'55	
min. Earth dist.	-3241 Jun 01 j 05:41	17° $\text{B}$ 57'22	0.58425 AU	retrograde	-3240 May 02 j 06:36	2° $\text{B}$ 37'51	
inferior conj	-3241 Jun 04 j 12:36	15° $\text{B}$ 35'13	-4°15'24	evening set	-3240 May 06 j 16:21	1° $\text{B}$ 54'21	
minimum elong	-3241 Jun 04 j 09:58	15° $\text{B}$ 40'00	4°15'06		-3240 May 10 j 22:25	30° $\text{R}$ $\text{Y}$	
morning rise	-3241 Jun 12 j 09:39	11° $\text{B}$ 13'44		min. Earth dist.	-3240 May 12 j 21:14	28° $\text{Y}$ 51'14	0.56639 AU
direct	-3241 Jun 14 j 21:56	10° $\text{B}$ 53'27		inferior conj	-3240 May 15 j 11:43	27° $\text{Y}$ 12'54	-3°31'44
morning max el	-3241 Jun 23 j 02:37	14° $\text{B}$ 45'27	18°42'58	minimum elong	-3240 May 15 j 05:55	27° $\text{Y}$ 22'05	3°30'27
asc. node	-3241 Jun 30 j 03:12	23° $\text{B}$ 48'37		morning rise	-3240 May 23 j 22:36	23° $\text{Y}$ 09'22	
	-3241 Jul 03 j 18:18	0° $\text{II}$		direct	-3240 May 26 j 10:42	22° $\text{Y}$ 52'33	
morning set	-3241 Jul 09 j 12:02	10° $\text{II}$ 50'57		morning max el	-3240 Jun 05 j 00:43	27° $\text{Y}$ 19'15	19°36'58
					-3240 Jun 07 j 14:01	0° $\text{B}$	
superior conj	-3241 Jul 18 j 06:32	27° $\text{II}$ 47'10	1°48'51	asc. node	-3240 Jun 16 j 00:14	12° $\text{B}$ 40'01	
minimum elong	-3241 Jul 18 j 06:52	27° $\text{II}$ 48'43	1°48'58	morning set	-3240 Jun 22 j 12:41	25° $\text{B}$ 10'44	
	-3241 Jul 19 j 10:51	0° $\text{B}$			-3240 Jun 24 j 22:08	0° $\text{II}$	
max. Earth dist.	-3241 Jul 25 j 07:48	10° $\text{B}$ 40'44	1.39353 AU				
evening rise	-3241 Jul 29 j 09:30	17° $\text{B}$ 44'16		superior conj	-3240 Jun 30 j 14:01	11° $\text{II}$ 20'45	1°45'37
	-3241 Aug 05 j 20:49	0° $\text{O}$		minimum elong	-3240 Jun 30 j 12:33	11° $\text{II}$ 13'29	1°45'40
desc. node	-3241 Aug 11 j 01:17	8° $\text{O}$ 01'35		max. Earth dist.	-3240 Jul 06 j 10:06	22° $\text{II}$ 33'40	1.37426 AU
	-3241 Aug 26 j 21:08	0° $\text{M}$		evening rise	-3240 Jul 10 j 06:43	29° $\text{II}$ 36'49	
evening max el	-3241 Sep 02 j 17:06	7° $\text{M}$ 43'09	24°04'24		-3240 Jul 10 j 11:55	0° $\text{B}$	
retrograde	-3241 Sep 13 j 16:14	14° $\text{M}$ 10'14		desc. node	-3240 Jul 27 j 22:19	28° $\text{B}$ 14'33	
evening set	-3241 Sep 18 j 23:39	11° $\text{M}$ 55'28			-3240 Jul 29 j 03:22	0° $\text{O}$	
inferior conj	-3241 Sep 24 j 07:47	5° $\text{M}$ 36'05	-0°36'22	evening max el	-3240 Aug 15 j 03:51	21° $\text{O}$ 14'20	25°20'45
minimum elong	-3241 Sep 24 j 08:39	5° $\text{M}$ 33'11	0°35'58	retrograde	-3240 Aug 27 j 03:19	28° $\text{O}$ 10'25	
min. Earth dist.	-3241 Sep 23 j 18:18	6° $\text{M}$ 21'46	0.67352 AU	evening set	-3240 Sep 02 j 01:38	25° $\text{O}$ 38'26	
asc. node	-3241 Sep 26 j 02:18	3° $\text{M}$ 15'16		min. Earth dist.	-3240 Sep 06 j 11:34	20° $\text{O}$ 40'37	0.66915 AU
	-3241 Sep 29 j 01:57	30° $\text{R}$ $\text{O}$		inferior conj	-3240 Sep 07 j 11:59	19° $\text{O}$ 21'06	-1°29'53
morning rise	-3241 Sep 29 j 17:38	29° $\text{O}$ 28'31		minimum elong	-3240 Sep 07 j 14:06	19° $\text{O}$ 14'10	1°28'58
direct	-3241 Oct 03 j 15:06	28° $\text{O}$ 02'11		asc. node	-3240 Sep 11 j 23:23	14° $\text{O}$ 13'51	
	-3241 Oct 08 j 14:38	0° $\text{M}$		morning rise	-3240 Sep 13 j 02:41	13° $\text{O}$ 21'31	
morning max el	-3241 Oct 11 j 18:50	2° $\text{M}$ 48'24	20°42'37	direct	-3240 Sep 16 j 13:08	12° $\text{O}$ 13'08	
	-3241 Oct 31 j 18:13	0° $\text{A}$		morning max el	-3240 Sep 23 j 21:31	16° $\text{O}$ 26'11	19°37'16
desc. node	-3241 Nov 07 j 00:56	9° $\text{A}$ 34'22			-3240 Oct 04 j 06:40	0° $\text{M}$	
morning set	-3241 Nov 09 j 14:44	13° $\text{A}$ 33'31		morning set	-3240 Oct 18 j 14:26	21° $\text{M}$ 53'27	
max. Earth dist.	-3241 Nov 18 j 22:29	28° $\text{A}$ 19'57	1.43080 AU	desc. node	-3240 Oct 23 j 21:55	0° $\text{A}$ 10'07	
	-3241 Nov 19 j 23:10	0° $\text{M}$			-3240 Oct 23 j 19:20	0° $\text{A}$	
				max. Earth dist.	-3240 Oct 31 j 11:20	12° $\text{A}$ 03'59	1.44300 AU
superior conj	-3241 Nov 25 j 09:57	8° $\text{M}$ 59'22	-1°40'17				
minimum elong	-3241 Nov 25 j 04:15	8° $\text{M}$ 35'31	1°39'55	superior conj	-3240 Nov 04 j 08:02	18° $\text{A}$ 13'40	-1°08'48
evening rise	-3241 Dec 07 j 12:19	29° $\text{M}$ 52'53		minimum elong	-3240 Nov 04 j 00:53	17° $\text{A}$ 45'01	1°08'02
	-3241 Dec 07 j 13:55	0° $\text{A}$			-3240 Nov 11 j 13:57	0° $\text{M}$	
asc. node	-3241 Dec 23 j 01:22	25° $\text{A}$ 01'20		evening rise	-3240 Nov 18 j 09:09	11° $\text{M}$ 19'07	
evening max el	-3241 Dec 24 j 16:03	26° $\text{A}$ 47'28	18°08'24		-3240 Nov 29 j 15:54	0° $\text{A}$	
	-3241 Dec 29 j 12:20	0° $\text{B}$		evening max el	-3240 Dec 07 j 04:41	10° $\text{A}$ 07'03	18°22'25
retrograde	-3241 Dec 31 j 06:25	0° $\text{B}$ 15'17		asc. node	-3240 Dec 08 j 22:25	11° $\text{A}$ 42'11	
	-3240 Jan 02 j 00:46	30° $\text{R}$ $\text{A}$		retrograde	-3240 Dec 13 j 18:12	13° $\text{A}$ 42'29	
evening set	-3240 Jan 03 j 00:15	29° $\text{A}$ 38'45		evening set	-3240 Dec 16 j 16:11	12° $\text{A}$ 56'38	
inferior conj	-3240 Jan 09 j 11:01	24° $\text{A}$ 29'41	3°57'48	inferior conj	-3240 Dec 22 j 17:37	7° $\text{A}$ 28'30	3°38'37
minimum elong	-3240 Jan 09 j 09:42	24° $\text{A}$ 33'02	3°57'36	minimum elong	-3240 Dec 22 j 14:57	7° $\text{A}$ 36'03	3°38'03
min. Earth dist.	-3240 Jan 12 j 06:54	21° $\text{A}$ 37'56	0.62202 AU	min. Earth dist.	-3240 Dec 24 j 23:03	4° $\text{A}$ 57'31	0.63935 AU
morning rise	-3240 Jan 15 j 18:09	18° $\text{A}$ 37'50		morning rise	-3240 Dec 28 j 13:09	1° $\text{A}$ 27'07	
direct	-3240 Jan 22 j 19:08	16° $\text{A}$ 03'17			-3240 Dec 30 j 15:08	30° $\text{R}$ $\text{M}$	
desc. node	-3240 Feb 03 j 00:20	21° $\text{A}$ 17'18		direct	-3239 Jan 04 j 12:26	28° $\text{M}$ 37'10	
morning max el	-3240 Feb 05 j 18:32	23° $\text{A}$ 48'56	27°43'18		-3239 Jan 09 j 19:22	0° $\text{A}$	
	-3240 Feb 11 j 09:05	0° $\text{B}$		morning max el	-3239 Jan 18 j 02:49	6° $\text{A}$ 22'07	27°30'27
	-3240 Mar 02 j 02:23	0° $\approx$		desc. node	-3239 Jan 19 j 21:24	8° $\text{A}$ 11'46	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3239 Feb 05 j 06:15	0°𐌆			-3238 Jan 29 j 06:14	0°𐌆		
morning set	-3239 Feb 21 j 23:29	29°𐌆31'51		morning set	-3238 Feb 05 j 09:21	13°𐌆01'17		
	-3239 Feb 22 j 05:10	0°𐌶		max. Earth dist.	-3238 Feb 09 j 18:06	21°𐌆33'26	1.34606 AU	
max. Earth dist.	-3239 Feb 27 j 01:11	9°𐌶51'25	1.33495 AU					
				superior conj	-3238 Feb 13 j 21:09	29°𐌆58'52	-1°14'32	
superior conj	-3239 Mar 01 j 19:31	15°𐌶41'35	-0°51'05	minimum elong	-3238 Feb 14 j 00:12	0°𐌶14'40	1°14'09	
minimum elong	-3239 Mar 01 j 21:47	15°𐌶53'37	0°50'44		-3238 Feb 13 j 21:22	0°𐌶		
asc. node	-3239 Mar 06 j 21:47	26°𐌶35'54		evening rise	-3238 Feb 21 j 09:35	15°𐌶42'44		
	-3239 Mar 08 j 12:17	0°𐌶		asc. node	-3238 Feb 21 j 18:49	16°𐌶30'27		
evening rise	-3239 Mar 09 j 00:10	1°𐌶02'31			-3238 Feb 28 j 16:39	0°𐌶		
	-3239 Mar 25 j 12:09	0°𐌶		evening max el	-3238 Mar 13 j 01:26	17°𐌶18'58	21°12'19	
evening max el	-3239 Mar 31 j 02:13	6°𐌶20'47	22°41'26	retrograde	-3238 Mar 24 j 19:12	22°𐌶56'47		
retrograde	-3239 Apr 13 j 05:27	12°𐌶47'21		evening set	-3238 Mar 27 j 05:21	22°𐌶43'15		
evening set	-3239 Apr 16 j 08:43	12°𐌶25'48		desc. node	-3238 Apr 04 j 17:26	19°𐌶10'25		
desc. node	-3239 Apr 17 j 20:19	12°𐌶01'28		inferior conj	-3238 Apr 05 j 11:56	18°𐌶44'21	-0°12'56	
min. Earth dist.	-3239 Apr 24 j 11:28	8°𐌶52'46	0.55460 AU	minimum elong	-3238 Apr 05 j 11:20	18°𐌶45'12	0°12'45	
inferior conj	-3239 Apr 25 j 16:37	8°𐌶10'57	-2°06'51	transit middle	-3238 Apr 05 j 11:20	18°𐌶45'12	0°12'45	
minimum elong	-3239 Apr 25 j 11:18	8°𐌶18'36	2°05'10	transit begin	-3238 Apr 05 j 08:54	18°𐌶48'39		
morning rise	-3239 May 04 j 15:55	4°𐌶14'19		transit end	-3238 Apr 05 j 13:46	18°𐌶41'46		
direct	-3239 May 07 j 06:23	3°𐌶58'30		min. Earth dist.	-3238 Apr 06 j 01:25	18°𐌶25'19	0.55145 AU	
morning max el	-3239 May 18 j 12:23	9°𐌶13'43	20°50'45	morning rise	-3238 Apr 14 j 17:03	14°𐌶38'11		
	-3239 Jun 01 j 19:59	0°𐌸		direct	-3238 Apr 17 j 18:24	14°𐌶17'48		
asc. node	-3239 Jun 02 j 21:17	2°𐌸01'09		morning max el	-3238 Apr 30 j 13:12	20°𐌶25'55	22°21'12	
morning set	-3239 Jun 06 j 19:10	9°𐌸50'39			-3238 May 08 j 12:51	0°𐌶		
				asc. node	-3238 May 20 j 18:20	21°𐌶43'45		
superior conj	-3239 Jun 14 j 08:45	25°𐌸29'57	1°35'16	morning set	-3238 May 22 j 05:18	24°𐌶44'05		
minimum elong	-3239 Jun 14 j 06:20	25°𐌸17'32	1°35'08		-3238 May 24 j 17:24	0°𐌸		
	-3239 Jun 16 j 13:56	0°𐌷						
max. Earth dist.	-3239 Jun 18 j 18:17	4°𐌷20'38	1.35740 AU	superior conj	-3238 May 29 j 11:13	10°𐌸03'56	1°19'40	
evening rise	-3239 Jun 23 j 00:26	12°𐌷31'34		minimum elong	-3238 May 29 j 08:34	9°𐌸49'58	1°19'22	
	-3239 Jul 02 j 22:32	0°𐌹		max. Earth dist.	-3238 Jun 01 j 12:21	16°𐌸25'37	1.34398 AU	
desc. node	-3239 Jul 14 j 19:21	18°𐌹05'09		evening rise	-3238 Jun 06 j 09:23	26°𐌸13'21		
	-3239 Jul 24 j 03:13	0°𐌹			-3238 Jun 08 j 08:27	0°𐌷		
evening max el	-3239 Jul 28 j 15:01	4°𐌹46'14	26°24'51		-3238 Jun 26 j 07:09	0°𐌹		
retrograde	-3239 Aug 10 j 09:34	12°𐌹00'00		desc. node	-3238 Jul 01 j 16:24	7°𐌹23'57		
evening set	-3239 Aug 16 j 21:45	9°𐌹16'00		evening max el	-3238 Jul 11 j 02:40	18°𐌹10'57	27°08'40	
min. Earth dist.	-3239 Aug 20 j 23:46	4°𐌹55'58	0.66137 AU	retrograde	-3238 Jul 24 j 10:25	25°𐌹32'14		
inferior conj	-3239 Aug 22 j 12:12	3°𐌹04'15	-2°21'22	evening set	-3238 Jul 31 j 09:29	22°𐌹44'49		
minimum elong	-3239 Aug 22 j 15:25	2°𐌹54'23	2°20'08	min. Earth dist.	-3238 Aug 04 j 04:32	19°𐌹02'27	0.64992 AU	
	-3239 Aug 25 j 03:21	30°𐌹𐌆		inferior conj	-3238 Aug 06 j 06:17	16°𐌹41'53	-3°08'33	
morning rise	-3239 Aug 28 j 09:21	27°𐌹15'47		minimum elong	-3238 Aug 06 j 10:11	16°𐌹30'53	3°07'19	
asc. node	-3239 Aug 29 j 20:29	26°𐌹36'43		morning rise	-3238 Aug 12 j 11:23	11°𐌹07'58		
direct	-3239 Aug 31 j 11:09	26°𐌹21'56		direct	-3238 Aug 15 j 06:55	10°𐌹25'23		
	-3239 Sep 07 j 02:22	0°𐌺		asc. node	-3238 Aug 16 j 17:35	10°𐌹36'35		
morning max el	-3239 Sep 07 j 06:30	0°𐌺10'26	18°46'57	morning max el	-3238 Aug 21 j 19:47	13°𐌹57'39	18°13'13	
	-3239 Sep 27 j 14:55	0°𐌻			-3238 Sep 02 j 03:26	0°𐌺		
morning set	-3239 Sep 28 j 09:19	1°𐌻13'22		morning set	-3238 Sep 09 j 07:53	11°𐌺54'27		
desc. node	-3239 Oct 10 j 18:54	20°𐌻51'58			-3238 Sep 20 j 08:57	0°𐌻		
superior conj	-3239 Oct 14 j 10:20	26°𐌻𐌆6'21	-0°23'07	superior conj	-3238 Sep 23 j 13:14	5°𐌻05'39	0°26'07	
minimum elong	-3239 Oct 14 j 07:18	26°𐌻24'22	0°22'42	minimum elong	-3238 Sep 23 j 16:24	5°𐌻18'16	0°25'45	
max. Earth dist.	-3239 Oct 14 j 04:28	26°𐌻13'14	1.44849 AU	max. Earth dist.	-3238 Sep 26 j 22:56	10°𐌻30'00	1.44664 AU	
	-3239 Oct 16 j 14:02	0°𐌼		desc. node	-3238 Sep 27 j 15:52	11°𐌻36'56		
evening rise	-3239 Oct 30 j 06:16	21°𐌼43'42			-3238 Oct 09 j 09:48	0°𐌼		
	-3239 Nov 04 j 09:52	0°𐌽		evening rise	-3238 Oct 10 j 03:23	1°𐌼08'18		
evening max el	-3239 Nov 20 j 15:52	23°𐌽32'09	18°54'15	greatest brilliancy	-3238 Oct 22 j 10:53	20°𐌼06'17	-0.7m	
asc. node	-3239 Nov 25 j 19:30	27°𐌽08'50			-3238 Oct 29 j 06:20	0°𐌽		
retrograde	-3239 Nov 27 j 11:56	27°𐌽24'37		evening max el	-3238 Nov 03 j 23:16	6°𐌽59'25	19°42'25	
evening set	-3239 Nov 30 j 15:38	26°𐌽27'36		retrograde	-3238 Nov 11 j 08:39	11°𐌽17'26		
inferior conj	-3239 Dec 06 j 09:59	20°𐌽42'46	3°06'35	asc. node	-3238 Nov 12 j 16:35	11°𐌽07'12		
minimum elong	-3239 Dec 06 j 06:53	20°𐌽52'19	3°05'42	evening set	-3238 Nov 14 j 20:01	10°𐌽06'56		
min. Earth dist.	-3239 Dec 08 j 00:42	18°𐌽43'37	0.65331 AU	inferior conj	-3238 Nov 20 j 09:14	4°𐌽08'22	2°25'45	
morning rise	-3239 Dec 11 j 21:50	14°𐌽34'43		minimum elong	-3238 Nov 20 j 06:23	4°𐌽17'41	2°24'45	
direct	-3239 Dec 18 j 12:13	11°𐌽44'18		min. Earth dist.	-3238 Nov 21 j 10:30	2°𐌽45'37	0.66361 AU	
morning max el	-3239 Dec 31 j 12:22	19°𐌽18'37	26°46'01		-3238 Nov 23 j 16:04	30°𐌹𐌾		
desc. node	-3238 Jan 06 j 18:27	26°𐌽18'33		morning rise	-3238 Nov 25 j 16:32	27°𐌾55'48		
	-3238 Jan 09 j 16:20	0°𐌿		direct	-3238 Dec 01 j 17:37	25°𐌾16'37		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3238 Dec 11 j 06:27	0°♄		morning rise	-3237 Nov 09 j 18:14	11°♂26'27	
morning max el	-3238 Dec 13 j 21:29	2°♄27'59	25°37'55	direct	-3237 Nov 15 j 04:09	9°♂05'35	
desc. node	-3238 Dec 24 j 15:29	15°♄16'40		morning max el	-3237 Nov 26 j 06:11	15°♂42'08	24°15'37
	-3237 Jan 03 j 20:36	0°♂			-3237 Dec 08 j 01:01	0°♄	
morning set	-3237 Jan 19 j 03:54	25°♂39'44		desc. node	-3237 Dec 11 j 12:29	4°♄50'33	
	-3237 Jan 21 j 12:14	0°♂			-3237 Dec 27 j 19:44	0°♂	
max. Earth dist.	-3237 Jan 22 j 23:33	2°♂46'28	1.36167 AU	morning set	-3236 Jan 01 j 01:15	7°♂11'02	
				max. Earth dist.	-3236 Jan 04 j 20:45	13°♂54'51	1.38085 AU
superior conj	-3237 Jan 28 j 14:46	13°♂46'58	-1°34'47				
minimum elong	-3237 Jan 28 j 18:02	14°♂03'16	1°34'33	superior conj	-3236 Jan 11 j 20:52	26°♂55'55	-1°49'41
evening rise	-3237 Feb 05 j 15:05	0°♂05'01		minimum elong	-3236 Jan 11 j 23:19	27°♂07'41	1°49'39
	-3237 Feb 05 j 14:06	0°♂			-3236 Jan 13 j 11:04	0°♂	
asc. node	-3237 Feb 08 j 15:50	6°♂08'54		evening rise	-3236 Jan 20 j 14:19	14°♂02'35	
evening max el	-3237 Feb 23 j 10:45	28°♂49'33	19°57'24	asc. node	-3236 Jan 26 j 12:52	25°♂25'11	
	-3237 Feb 24 j 18:22	0°♂			-3236 Jan 29 j 03:33	0°♂	
retrograde	-3237 Mar 05 j 11:53	3°♂36'13		evening max el	-3236 Feb 06 j 06:26	10°♂56'12	19°01'15
evening set	-3237 Mar 07 j 18:23	3°♂22'39		retrograde	-3236 Feb 14 j 19:05	15°♂01'39	
	-3237 Mar 15 j 10:34	30°♂		evening set	-3236 Feb 17 j 04:03	14°♂43'57	
inferior conj	-3237 Mar 16 j 11:43	29°♂21'47	1°39'06	inferior conj	-3236 Feb 25 j 03:47	10°♂28'46	3°01'44
minimum elong	-3237 Mar 16 j 15:41	29°♂15'43	1°37'47	minimum elong	-3236 Feb 25 j 08:30	10°♂20'26	3°00'35
min. Earth dist.	-3237 Mar 18 j 15:29	28°♂02'51	0.55763 AU	min. Earth dist.	-3236 Feb 28 j 06:58	8°♂17'25	0.57162 AU
desc. node	-3237 Mar 22 j 14:33	25°♂54'29		morning rise	-3236 Mar 04 j 10:15	5°♂26'07	
morning rise	-3237 Mar 25 j 10:51	24°♂50'08		desc. node	-3236 Mar 08 j 11:38	4°♂24'57	
direct	-3237 Mar 29 j 10:45	24°♂14'55		direct	-3236 Mar 09 j 15:22	4°♂21'44	
	-3237 Apr 11 j 00:49	0°♂		morning max el	-3236 Mar 23 j 21:16	11°♂43'02	25°35'19
morning max el	-3237 Apr 12 j 06:12	1°♂07'16	24°00'27		-3236 Apr 06 j 23:09	0°♂	
	-3237 May 01 j 21:42	0°♂		morning set	-3236 Apr 20 j 05:17	24°♂46'58	
morning set	-3237 May 06 j 17:13	9°♂44'49			-3236 Apr 22 j 16:07	0°♂	
asc. node	-3237 May 07 j 15:21	11°♂41'28		asc. node	-3236 Apr 23 j 12:22	1°♂49'13	
superior conj	-3237 May 13 j 18:47	24°♂54'12	1°00'12	superior conj	-3236 Apr 27 j 05:20	9°♂53'48	0°37'58
minimum elong	-3237 May 13 j 16:27	24°♂41'42	0°59'50	minimum elong	-3236 Apr 27 j 03:44	9°♂45'04	0°37'40
max. Earth dist.	-3237 May 15 j 15:50	28°♂55'48	1.33424 AU	max. Earth dist.	-3236 Apr 28 j 01:55	11°♂45'53	1.32806 AU
	-3237 May 16 j 03:54	0°♂		evening rise	-3236 May 04 j 08:27	25°♂07'07	
evening rise	-3237 May 21 j 05:10	10°♂28'42			-3236 May 06 j 18:13	0°♂	
	-3237 May 31 j 16:13	0°♂			-3236 May 24 j 07:36	0°♂	
desc. node	-3237 Jun 18 j 13:28	25°♂57'08		desc. node	-3236 Jun 04 j 10:32	13°♂25'38	
	-3237 Jun 22 j 06:26	0°♂		evening max el	-3236 Jun 04 j 19:38	13°♂47'35	27°10'09
evening max el	-3237 Jun 23 j 13:00	1°♂15'27	27°25'17	retrograde	-3236 Jun 18 j 17:48	21°♂09'13	
retrograde	-3237 Jul 07 j 05:20	8°♂38'12		evening set	-3236 Jun 25 j 17:56	18°♂52'55	
evening set	-3237 Jul 14 j 09:30	5°♂59'13		min. Earth dist.	-3236 Jun 29 j 09:14	16°♂06'04	0.61625 AU
min. Earth dist.	-3237 Jul 17 j 23:53	2°♂50'04	0.63474 AU	inferior conj	-3236 Jul 02 j 12:53	13°♂15'42	-4°15'43
inferior conj	-3237 Jul 20 j 15:33	0°♂07'56	-3°48'15	minimum elong	-3236 Jul 02 j 15:19	13°♂10'10	4°15'22
minimum elong	-3237 Jul 20 j 19:21	29°♂58'15	3°47'22	morning rise	-3236 Jul 09 j 14:14	8°♂20'06	
	-3237 Jul 20 j 18:40	30°♂		direct	-3236 Jul 12 j 03:25	7°♂52'35	
morning rise	-3237 Jul 27 j 06:05	24°♂51'49		morning max el	-3236 Jul 19 j 00:53	11°♂18'57	17°59'22
direct	-3237 Jul 29 j 21:31	24°♂17'48		asc. node	-3236 Jul 20 j 11:44	12°♂51'10	
asc. node	-3237 Aug 03 j 14:40	26°♂06'06			-3236 Jul 31 j 11:37	0°♂	
morning max el	-3237 Aug 05 j 10:50	27°♂42'26	17°57'03	morning set	-3236 Aug 04 j 02:50	6°♂36'11	
	-3237 Aug 07 j 12:21	0°♂					
morning set	-3237 Aug 22 j 07:32	23°♂46'52		superior conj	-3236 Aug 14 j 16:09	25°♂32'21	1°33'31
	-3237 Aug 25 j 21:27	0°♂		minimum elong	-3236 Aug 14 j 20:29	25°♂51'10	1°33'17
					-3236 Aug 17 j 06:15	0°♂	
superior conj	-3237 Sep 03 j 12:48	14°♂37'29	1°06'51	max. Earth dist.	-3236 Aug 22 j 01:55	8°♂05'31	1.42322 AU
minimum elong	-3237 Sep 03 j 18:28	15°♂00'55	1°06'17	evening rise	-3236 Aug 28 j 18:00	18°♂52'06	
max. Earth dist.	-3237 Sep 09 j 15:06	24°♂33'36	1.43780 AU	desc. node	-3236 Aug 31 j 09:49	23°♂02'34	
	-3237 Sep 13 j 01:00	0°♂			-3236 Sep 04 j 22:22	0°♂	
desc. node	-3237 Sep 14 j 12:51	2°♂21'25			-3236 Sep 26 j 09:14	0°♂	
evening rise	-3237 Sep 19 j 09:05	9°♂54'38		evening max el	-3236 Sep 29 j 20:40	3°♂50'57	21°58'22
	-3237 Oct 02 j 15:46	0°♂		retrograde	-3236 Oct 09 j 01:59	9°♂19'56	
evening max el	-3237 Oct 18 j 01:04	20°♂25'33	20°44'51	evening set	-3236 Oct 13 j 11:02	7°♂35'38	
retrograde	-3237 Oct 26 j 05:58	25°♂16'37		asc. node	-3236 Oct 16 j 10:46	4°♂27'46	
evening set	-3237 Oct 30 j 03:07	23°♂50'15		inferior conj	-3236 Oct 18 j 18:57	1°♂19'46	0°47'54
asc. node	-3237 Oct 30 j 13:41	23°♂29'28		minimum elong	-3236 Oct 18 j 17:52	1°♂23'33	0°47'26
inferior conj	-3237 Nov 04 j 12:52	17°♂41'14	1°38'49	min. Earth dist.	-3236 Oct 18 j 21:42	1°♂10'16	0.67395 AU
minimum elong	-3237 Nov 04 j 10:45	17°♂48'28	1°37'58		-3236 Oct 19 j 18:08	30°♂	
min. Earth dist.	-3237 Nov 05 j 02:17	16°♂55'37	0.67037 AU	morning rise	-3236 Oct 24 j 00:32	25°♂05'20	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3236 Oct 28 j 19:18	23° $\text{♁}$ 05'49		transit begin	-3235 Oct 02 j 23:14	15° $\text{♁}$ 10'46	
morning max el	-3236 Nov 07 j 16:33	28° $\text{♁}$ 59'19	22°48'48	transit end	-3235 Oct 03 j 04:21	14° $\text{♁}$ 53'10	
	-3236 Nov 08 j 15:54	0° $\text{♁}$		min. Earth dist.	-3235 Oct 02 j 18:13	15° $\text{♁}$ 27'57	0.67452 AU
desc. node	-3236 Nov 27 j 09:28	24° $\text{♁}$ 49'59		asc. node	-3235 Oct 03 j 07:52	14° $\text{♁}$ 41'08	
	-3236 Nov 30 j 20:07	0° $\text{♁}$		morning rise	-3235 Oct 08 j 09:26	8° $\text{♁}$ 51'16	
morning set	-3236 Dec 11 j 19:30	17° $\text{♁}$ 20'51		direct	-3235 Oct 12 j 14:13	7° $\text{♁}$ 13'10	
max. Earth dist.	-3236 Dec 16 j 16:44	25° $\text{♁}$ 32'26	1.40161 AU	morning max el	-3235 Oct 21 j 07:47	12° $\text{♁}$ 22'31	21°25'55
	-3236 Dec 19 j 06:40	0° $\text{♁}$			-3235 Nov 04 j 01:26	0° $\text{♁}$	
				desc. node	-3235 Nov 14 j 06:26	15° $\text{♁}$ 07'42	
superior conj	-3236 Dec 24 j 10:50	9° $\text{♁}$ 13'43	-1°56'12	morning set	-3235 Nov 21 j 09:33	26° $\text{♁}$ 10'51	
minimum elong	-3236 Dec 24 j 11:03	9° $\text{♁}$ 14'40	1°56'18		-3235 Nov 23 j 19:16	0° $\text{♁}$	
evening rise	-3235 Jan 03 j 04:27	27° $\text{♁}$ 28'10		max. Earth dist.	-3235 Nov 28 j 18:21	8° $\text{♁}$ 02'38	1.42117 AU
	-3235 Jan 04 j 12:26	0° $\text{♁}$					
asc. node	-3235 Jan 12 j 09:53	14° $\text{♁}$ 11'42		superior conj	-3235 Dec 06 j 03:11	20° $\text{♁}$ 26'59	-1°50'35
evening max el	-3235 Jan 19 j 10:33	23° $\text{♁}$ 33'33	18°25'09	minimum elong	-3235 Dec 05 j 23:42	20° $\text{♁}$ 11'59	1°50'29
retrograde	-3235 Jan 26 j 20:40	27° $\text{♁}$ 12'46			-3235 Dec 11 j 13:49	0° $\text{♁}$	
evening set	-3235 Jan 29 j 09:16	26° $\text{♁}$ 48'39		evening rise	-3235 Dec 17 j 05:55	10° $\text{♁}$ 14'04	
inferior conj	-3235 Feb 05 j 16:24	22° $\text{♁}$ 13'29	3°47'08		-3235 Dec 28 j 16:16	0° $\text{♁}$	
minimum elong	-3235 Feb 05 j 18:59	22° $\text{♁}$ 08'11	3°46'44	asc. node	-3235 Dec 30 j 06:57	2° $\text{♁}$ 19'07	
min. Earth dist.	-3235 Feb 09 j 02:01	19° $\text{♁}$ 27'38	0.59052 AU	evening max el	-3234 Jan 02 j 20:18	6° $\text{♁}$ 33'23	18°08'59
morning rise	-3235 Feb 13 j 02:30	16° $\text{♁}$ 45'59		retrograde	-3234 Jan 09 j 14:51	10° $\text{♁}$ 01'19	
direct	-3235 Feb 19 j 09:16	15° $\text{♁}$ 02'44		evening set	-3234 Jan 12 j 06:52	9° $\text{♁}$ 29'29	
desc. node	-3235 Feb 23 j 08:43	15° $\text{♁}$ 42'39		inferior conj	-3234 Jan 19 j 00:12	4° $\text{♁}$ 32'42	4°00'50
morning max el	-3235 Mar 05 j 15:48	22° $\text{♁}$ 39'12	26°50'29	minimum elong	-3234 Jan 19 j 00:07	4° $\text{♁}$ 32'54	4°00'43
	-3235 Mar 12 j 04:42	0° $\text{♁}$		min. Earth dist.	-3234 Jan 22 j 03:16	1° $\text{♁}$ 36'37	0.61084 AU
	-3235 Mar 30 j 20:01	0° $\text{♁}$			-3234 Jan 24 j 00:45	30° $\text{♁}$	
morning set	-3235 Apr 04 j 15:42	9° $\text{♁}$ 43'02		morning rise	-3234 Jan 25 j 16:01	28° $\text{♁}$ 48'24	
asc. node	-3235 Apr 10 j 09:21	22° $\text{♁}$ 01'39		direct	-3234 Feb 01 j 13:52	26° $\text{♁}$ 29'11	
				desc. node	-3234 Feb 10 j 05:47	29° $\text{♁}$ 38'43	
superior conj	-3235 Apr 11 j 17:04	24° $\text{♁}$ 55'12	0°13'50		-3234 Feb 10 j 17:58	0° $\text{♁}$	
minimum elong	-3235 Apr 11 j 16:27	24° $\text{♁}$ 51'51	0°13'42	morning max el	-3234 Feb 15 j 16:22	4° $\text{♁}$ 12'26	27°34'23
behind sun begin	-3235 Apr 11 j 13:57	24° $\text{♁}$ 38'11			-3234 Mar 06 j 19:57	0° $\text{♁}$	
behind sun end	-3235 Apr 11 j 18:57	25° $\text{♁}$ 05'30		morning set	-3234 Mar 19 j 22:37	24° $\text{♁}$ 26'21	
max. Earth dist.	-3235 Apr 11 j 14:57	24° $\text{♁}$ 43'39	1.32536 AU		-3234 Mar 22 j 14:28	0° $\text{♁}$	
	-3235 Apr 14 j 00:48	0° $\text{♁}$		max. Earth dist.	-3234 Mar 26 j 03:24	7° $\text{♁}$ 36'45	1.32617 AU
evening rise	-3235 Apr 18 j 16:33	9° $\text{♁}$ 58'33					
	-3235 Apr 29 j 02:22	0° $\text{♁}$		superior conj	-3234 Mar 27 j 04:19	9° $\text{♁}$ 52'26	-0°11'23
evening max el	-3235 May 17 j 20:31	25° $\text{♁}$ 38'10	26°22'32	minimum elong	-3234 Mar 27 j 04:50	9° $\text{♁}$ 55'15	0°11'18
desc. node	-3235 May 22 j 07:36	29° $\text{♁}$ 21'29		behind sun begin	-3234 Mar 27 j 01:16	9° $\text{♁}$ 35'49	
	-3235 May 23 j 06:23	0° $\text{♁}$		behind sun end	-3234 Mar 27 j 08:23	10° $\text{♁}$ 14'41	
retrograde	-3235 May 31 j 22:23	2° $\text{♁}$ 56'07		asc. node	-3234 Mar 28 j 06:22	12° $\text{♁}$ 14'40	
evening set	-3235 Jun 07 j 06:32	1° $\text{♁}$ 15'01		evening rise	-3234 Apr 03 j 03:23	24° $\text{♁}$ 55'37	
	-3235 Jun 09 j 09:12	30° $\text{♁}$			-3234 Apr 05 j 14:08	0° $\text{♁}$	
min. Earth dist.	-3235 Jun 11 j 09:39	28° $\text{♁}$ 34'10	0.59586 AU		-3234 Apr 23 j 13:18	0° $\text{♁}$	
inferior conj	-3235 Jun 14 j 18:37	25° $\text{♁}$ 55'21	-4°23'38	evening max el	-3234 Apr 29 j 15:25	6° $\text{♁}$ 48'07	25°07'19
minimum elong	-3235 Jun 14 j 18:10	25° $\text{♁}$ 56'15	4°23'32	desc. node	-3234 May 09 j 04:42	13° $\text{♁}$ 09'41	
morning rise	-3235 Jun 22 j 08:07	21° $\text{♁}$ 21'27		retrograde	-3234 May 13 j 16:28	13° $\text{♁}$ 56'33	
direct	-3235 Jun 24 j 20:21	20° $\text{♁}$ 58'55		evening set	-3234 May 18 j 21:05	12° $\text{♁}$ 54'15	
morning max el	-3235 Jul 02 j 10:58	24° $\text{♁}$ 38'12	18°21'10	min. Earth dist.	-3234 May 24 j 03:37	10° $\text{♁}$ 03'03	0.57620 AU
	-3235 Jul 06 j 22:52	0° $\text{♁}$		inferior conj	-3234 May 27 j 05:27	7° $\text{♁}$ 57'41	-4°01'52
asc. node	-3235 Jul 07 j 08:47	0° $\text{♁}$ 35'30		minimum elong	-3234 May 27 j 01:14	8° $\text{♁}$ 04'53	4°01'12
morning set	-3235 Jul 18 j 12:36	20° $\text{♁}$ 08'35		morning rise	-3234 Jun 04 j 08:17	3° $\text{♁}$ 44'11	
	-3235 Jul 23 j 17:03	0° $\text{♁}$		direct	-3234 Jun 06 j 20:23	3° $\text{♁}$ 25'32	
				morning max el	-3234 Jun 15 j 14:07	7° $\text{♁}$ 30'47	19°03'18
superior conj	-3235 Jul 27 j 20:11	7° $\text{♁}$ 41'06	1°46'33	asc. node	-3234 Jun 24 j 05:50	19° $\text{♁}$ 05'37	
minimum elong	-3235 Jul 27 j 21:54	7° $\text{♁}$ 49'00	1°46'36		-3234 Jun 30 j 04:53	0° $\text{♁}$	
max. Earth dist.	-3235 Aug 04 j 06:56	20° $\text{♁}$ 55'00	1.40486 AU	morning set	-3234 Jul 02 j 08:46	4° $\text{♁}$ 13'35	
evening rise	-3235 Aug 08 j 23:11	28° $\text{♁}$ 47'48					
	-3235 Aug 09 j 16:43	0° $\text{♁}$		superior conj	-3234 Jul 10 j 19:11	20° $\text{♁}$ 47'49	1°48'29
desc. node	-3235 Aug 18 j 06:49	13° $\text{♁}$ 36'37		minimum elong	-3234 Jul 10 j 18:38	20° $\text{♁}$ 45'13	1°48'35
	-3235 Aug 29 j 11:36	0° $\text{♁}$			-3234 Jul 15 j 16:27	0° $\text{♁}$	
evening max el	-3235 Sep 12 j 11:08	17° $\text{♁}$ 17'49	23°18'13	max. Earth dist.	-3234 Jul 17 j 09:06	3° $\text{♁}$ 05'25	1.38525 AU
retrograde	-3235 Sep 22 j 19:14	23° $\text{♁}$ 24'54		evening rise	-3234 Jul 21 j 06:24	9° $\text{♁}$ 58'56	
evening set	-3235 Sep 27 j 18:03	21° $\text{♁}$ 21'27			-3234 Aug 02 j 12:40	0° $\text{♁}$	
inferior conj	-3235 Oct 03 j 01:40	15° $\text{♁}$ 02'24	-0°05'19	desc. node	-3234 Aug 05 j 03:50	3° $\text{♁}$ 58'53	
minimum elong	-3235 Oct 03 j 01:47	15° $\text{♁}$ 01'58	0°05'15		-3234 Aug 25 j 03:42	0° $\text{♁}$	
transit middle	-3235 Oct 03 j 01:47	15° $\text{♁}$ 01'58	0°05'15	evening max el	-3234 Aug 25 j 22:42	0° $\text{♁}$ 47'53	24°37'58

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3234 Sep 06 j 08:38	7° $\cap$ 27'55		evening set	-3233 Aug 26 j 22:10	18° $\Omega$ 46'52	
evening set	-3234 Sep 11 j 22:23	5° $\cap$ 05'41		min. Earth dist.	-3233 Aug 31 j 04:40	14° $\Omega$ 05'11	0.66634 AU
	-3234 Sep 16 j 09:23	30° $\kappa$ $\Omega$		inferior conj	-3233 Sep 01 j 10:02	12° $\Omega$ 31'46	-1°52'05
min. Earth dist.	-3234 Sep 16 j 13:21	29° $\Omega$ 46'50	0.67207 AU	minimum elong	-3233 Sep 01 j 12:40	12° $\Omega$ 23'25	1°51'00
inferior conj	-3234 Sep 17 j 07:17	28° $\Omega$ 46'57	-0°59'13	morning rise	-3233 Sep 07 j 03:19	6° $\Omega$ 36'41	
minimum elong	-3234 Sep 17 j 08:41	28° $\Omega$ 42'16	0°58'34	asc. node	-3233 Sep 07 j 02:02	6° $\Omega$ 38'42	
asc. node	-3234 Sep 20 j 04:57	25° $\Omega$ 07'05		direct	-3233 Sep 10 j 09:52	5° $\Omega$ 34'49	
morning rise	-3234 Sep 22 j 18:59	22° $\Omega$ 42'17		morning max el	-3233 Sep 17 j 11:45	9° $\Omega$ 35'54	19°13'57
direct	-3234 Sep 26 j 11:35	21° $\Omega$ 23'46			-3233 Oct 02 j 05:04	0° $\cap$	
morning max el	-3234 Oct 04 j 06:08	25° $\Omega$ 54'33	20°13'04	morning set	-3233 Oct 10 j 13:36	13° $\cap$ 02'09	
	-3234 Oct 07 j 20:16	0° $\cap$		desc. node	-3233 Oct 19 j 00:25	26° $\cap$ 16'48	
	-3234 Oct 28 j 11:55	0° $\Omega$			-3233 Oct 21 j 09:15	0° $\Omega$	
morning set	-3234 Oct 31 j 07:40	4° $\Omega$ 21'23		max. Earth dist.	-3233 Oct 24 j 19:36	5° $\Omega$ 24'29	1.44629 AU
desc. node	-3234 Nov 01 j 03:24	5° $\Omega$ 37'51					
max. Earth dist.	-3234 Nov 11 j 03:56	21° $\Omega$ 25'10	1.43677 AU	superior conj	-3233 Oct 27 j 04:44	9° $\Omega$ 10'35	-0°50'40
	-3234 Nov 16 j 11:02	0° $\cap$		minimum elong	-3233 Oct 26 j 22:39	8° $\Omega$ 46'31	0°49'56
					-3233 Nov 09 j 02:50	0° $\cap$	
superior conj	-3234 Nov 16 j 16:51	0° $\cap$ 23'51	-1°29'01	evening rise	-3233 Nov 11 j 01:41	3° $\cap$ 12'20	
minimum elong	-3234 Nov 16 j 09:59	29° $\Omega$ 55'39	1°28'27		-3233 Nov 28 j 03:55	0° $\nearrow$	
evening rise	-3234 Nov 29 j 14:29	22° $\cap$ 11'22		evening max el	-3233 Nov 30 j 20:55	3° $\nearrow$ 08'43	18°33'46
	-3234 Dec 04 j 02:52	0° $\nearrow$		asc. node	-3233 Dec 04 j 01:05	5° $\nearrow$ 45'56	
asc. node	-3234 Dec 17 j 04:01	19° $\nearrow$ 35'06		retrograde	-3233 Dec 07 j 12:19	6° $\nearrow$ 50'25	
evening max el	-3234 Dec 17 j 08:39	19° $\nearrow$ 46'57	18°12'09	evening set	-3233 Dec 10 j 12:32	5° $\nearrow$ 59'57	
retrograde	-3234 Dec 23 j 21:30	23° $\nearrow$ 16'26		inferior conj	-3233 Dec 16 j 10:40	0° $\nearrow$ 24'02	3°26'16
evening set	-3234 Dec 26 j 17:04	22° $\nearrow$ 35'56		minimum elong	-3233 Dec 16 j 07:44	0° $\nearrow$ 32'43	3°25'34
inferior conj	-3233 Jan 01 j 23:32	17° $\nearrow$ 18'23	3°51'30		-3233 Dec 16 j 18:48	30° $\kappa$ $\cap$	
minimum elong	-3233 Jan 01 j 21:31	17° $\nearrow$ 23'45	3°51'10	min. Earth dist.	-3233 Dec 18 j 09:38	28° $\cap$ 05'57	0.64575 AU
min. Earth dist.	-3233 Jan 04 j 13:23	14° $\nearrow$ 33'59	0.62979 AU	morning rise	-3233 Dec 22 j 02:30	24° $\cap$ 19'27	
morning rise	-3233 Jan 08 j 01:14	11° $\nearrow$ 22'23		direct	-3233 Dec 28 j 22:32	21° $\cap$ 27'59	
direct	-3233 Jan 15 j 02:41	8° $\nearrow$ 39'33		morning max el	-3232 Jan 11 j 07:43	29° $\cap$ 09'25	27°15'04
desc. node	-3233 Jan 28 j 02:50	15° $\nearrow$ 37'26			-3232 Jan 12 j 03:43	0° $\nearrow$	
morning max el	-3233 Jan 28 j 22:26	16° $\nearrow$ 24'53	27°42'07	desc. node	-3232 Jan 14 j 23:53	3° $\nearrow$ 05'12	
	-3233 Feb 09 j 05:08	0° $\Xi$			-3232 Feb 03 j 01:23	0° $\Xi$	
	-3233 Feb 27 j 11:28	0° $\approx$		morning set	-3232 Feb 15 j 16:20	22° $\Xi$ 40'41	
morning set	-3233 Mar 03 j 23:48	8° $\approx$ 48'42			-3232 Feb 19 j 08:33	0° $\approx$	
max. Earth dist.	-3233 Mar 09 j 11:20	20° $\approx$ 11'02	1.33061 AU	max. Earth dist.	-3232 Feb 20 j 10:52	2° $\approx$ 14'35	1.33912 AU
superior conj	-3233 Mar 11 j 13:22	24° $\approx$ 39'05	-0°36'46	superior conj	-3232 Feb 23 j 18:20	9° $\approx$ 08'41	-1°01'19
minimum elong	-3233 Mar 11 j 15:02	24° $\approx$ 48'01	0°36'30	minimum elong	-3232 Feb 23 j 20:59	9° $\approx$ 22'38	1°00'56
	-3233 Mar 14 j 00:46	0° $\text{X}$		asc. node	-3232 Mar 01 j 00:26	22° $\approx$ 25'00	
asc. node	-3233 Mar 15 j 03:24	2° $\text{X}$ 23'56		evening rise	-3232 Mar 02 j 01:52	24° $\approx$ 38'28	
evening rise	-3233 Mar 18 j 15:05	9° $\text{X}$ 51'07			-3232 Mar 04 j 16:24	0° $\text{X}$	
	-3233 Mar 29 j 03:12	0° $\Upsilon$		evening max el	-3232 Mar 23 j 01:39	28° $\text{X}$ 16'52	22°02'12
evening max el	-3233 Apr 11 j 07:06	17° $\Upsilon$ 32'11	23°35'48		-3232 Mar 25 j 00:08	0° $\Upsilon$	
retrograde	-3233 Apr 24 j 22:02	24° $\Upsilon$ 19'11		retrograde	-3232 Apr 04 j 16:16	4° $\Upsilon$ 24'43	
desc. node	-3233 Apr 26 j 01:47	24° $\Upsilon$ 16'11		evening set	-3232 Apr 07 j 10:25	4° $\Upsilon$ 07'49	
evening set	-3233 Apr 28 j 18:06	23° $\Upsilon$ 46'50		desc. node	-3232 Apr 11 j 22:52	2° $\Upsilon$ 35'41	
min. Earth dist.	-3233 May 05 j 18:07	20° $\Upsilon$ 32'44	0.56052 AU	inferior conj	-3232 Apr 16 j 19:29	0° $\Upsilon$ 01'23	-1°20'29
inferior conj	-3233 May 07 j 20:16	19° $\Upsilon$ 17'33	-3°00'36	minimum elong	-3232 Apr 16 j 15:49	0° $\Upsilon$ 06'33	1°19'15
minimum elong	-3233 May 07 j 14:03	19° $\Upsilon$ 26'54	2°58'57	min. Earth dist.	-3232 Apr 16 j 07:49	0° $\Upsilon$ 17'49	0.55205 AU
morning rise	-3233 May 16 j 12:49	15° $\Upsilon$ 18'43			-3232 Apr 16 j 20:28	30° $\kappa$ $\text{X}$	
direct	-3233 May 19 j 01:39	15° $\Upsilon$ 02'35		morning rise	-3232 Apr 25 j 22:31	26° $\text{X}$ 03'26	
morning max el	-3233 May 29 j 07:53	19° $\Upsilon$ 48'10	20°06'00	direct	-3232 Apr 28 j 16:07	25° $\text{X}$ 46'42	
	-3233 Jun 06 j 09:13	0° $\text{B}$			-3232 May 09 j 00:17	0° $\Upsilon$	
asc. node	-3233 Jun 11 j 02:53	8° $\text{B}$ 10'48		morning max el	-3232 May 10 j 14:50	1° $\Upsilon$ 24'09	21°27'40
morning set	-3233 Jun 16 j 12:14	18° $\text{B}$ 43'14		asc. node	-3232 May 27 j 23:56	27° $\Upsilon$ 41'44	
	-3233 Jun 22 j 00:55	0° $\Pi$			-3232 May 29 j 03:30	0° $\text{B}$	
				morning set	-3232 May 30 j 20:31	3° $\text{B}$ 29'46	
superior conj	-3233 Jun 24 j 07:58	4° $\Pi$ 38'12	1°42'00				
minimum elong	-3233 Jun 24 j 06:00	4° $\Pi$ 28'18	1°41'57	superior conj	-3232 Jun 07 j 06:23	18° $\text{B}$ 59'18	1°29'14
max. Earth dist.	-3233 Jun 29 j 13:43	14° $\Pi$ 54'37	1.36677 AU	minimum elong	-3232 Jun 07 j 03:47	18° $\text{B}$ 45'50	1°29'00
evening rise	-3233 Jul 03 j 13:02	22° $\Pi$ 19'53		max. Earth dist.	-3232 Jun 11 j 01:53	26° $\text{B}$ 47'17	1.35119 AU
	-3233 Jul 07 j 20:24	0° $\Xi$			-3232 Jun 12 j 16:34	0° $\Pi$	
desc. node	-3233 Jul 23 j 00:53	24° $\Xi$ 03'37		evening rise	-3232 Jun 15 j 13:47	5° $\Pi$ 36'07	
	-3233 Jul 27 j 07:13	0° $\Omega$			-3232 Jun 29 j 14:06	0° $\Xi$	
evening max el	-3233 Aug 08 j 09:37	14° $\Omega$ 20'36	25°49'56	desc. node	-3232 Jul 08 j 21:55	13° $\Xi$ 42'13	
retrograde	-3233 Aug 20 j 17:34	21° $\Omega$ 24'51		evening max el	-3232 Jul 20 j 20:53	27° $\Xi$ 49'57	26°46'16

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3232 Jul 23 j 05:52	0°♎			-3231 Jun 23 j 15:51	0°♏	
retrograde	-3232 Aug 02 j 21:37	5°♎08'19		desc. node	-3231 Jun 25 j 18:56	2°♏43'34	
evening set	-3232 Aug 09 j 15:04	2°♎21'13		evening max el	-3231 Jul 03 j 08:03	11°♏07'08	27°19'20
	-3232 Aug 12 j 01:35	30°♎		retrograde	-3231 Jul 16 j 20:15	18°♏30'27	
min. Earth dist.	-3232 Aug 13 j 13:50	28°♏17'44	0.65702 AU	evening set	-3231 Jul 23 j 22:16	15°♏44'50	
inferior conj	-3232 Aug 15 j 07:55	26°♏12'50	-2°42'03	min. Earth dist.	-3231 Jul 27 j 14:50	12°♏17'25	0.64392 AU
minimum elong	-3232 Aug 15 j 11:30	26°♏02'14	2°40'47	inferior conj	-3231 Jul 29 j 22:36	9°♏46'12	-3°26'32
morning rise	-3232 Aug 21 j 08:18	20°♏30'27		minimum elong	-3231 Jul 30 j 02:34	9°♏35'25	3°25'25
asc. node	-3232 Aug 23 j 23:08	19°♏42'31		morning rise	-3231 Aug 05 j 07:34	4°♏19'31	
direct	-3232 Aug 24 j 07:07	19°♏41'54		direct	-3231 Aug 08 j 00:57	3°♏41'03	
morning max el	-3232 Aug 30 j 22:57	23°♏22'23	18°30'31	asc. node	-3231 Aug 10 j 20:14	4°♏21'41	
	-3232 Sep 05 j 06:50	0°♎		morning max el	-3231 Aug 14 j 13:19	7°♏09'18	18°04'03
morning set	-3232 Sep 19 j 20:01	22°♎56'06			-3231 Aug 29 j 19:10	0°♎	
	-3232 Sep 24 j 05:00	0°♐		morning set	-3231 Sep 01 j 05:48	4°♎08'47	
desc. node	-3232 Oct 04 j 21:25	17°♐00'24					
				superior conj	-3231 Sep 14 j 14:15	26°♎18'45	0°44'57
superior conj	-3232 Oct 05 j 04:22	17°♐27'47	-0°01'52	minimum elong	-3231 Sep 14 j 19:04	26°♎38'13	0°44'24
minimum elong	-3232 Oct 05 j 04:07	17°♐26'48	0°01'48		-3231 Sep 16 j 21:14	0°♐	
behind sun begin	-3232 Oct 04 j 16:50	16°♐42'19		max. Earth dist.	-3231 Sep 19 j 06:48	3°♐49'39	1.44369 AU
behind sun end	-3232 Oct 05 j 15:23	18°♐11'16		desc. node	-3231 Sep 21 j 18:23	7°♐45'31	
max. Earth dist.	-3232 Oct 06 j 13:37	19°♐38'51	1.44860 AU	evening rise	-3231 Oct 01 j 00:56	22°♐13'22	
	-3232 Oct 13 j 03:34	0°♑			-3231 Oct 06 j 02:13	0°♑	
evening rise	-3232 Oct 21 j 12:15	13°♑10'20		greatest brilliancy	-3231 Oct 14 j 20:15	13°♑14'03	-0.6m
greatest brilliancy	-3232 Oct 30 j 21:38	27°♑57'46	-0.8m		-3231 Oct 27 j 11:15	0°♒	
	-3232 Nov 01 j 05:07	0°♒		evening max el	-3231 Oct 27 j 11:47	0°♒01'22	20°07'27
evening max el	-3232 Nov 13 j 06:39	16°♒34'37	19°12'48	retrograde	-3231 Nov 04 j 04:57	4°♒32'53	
asc. node	-3232 Nov 19 j 22:08	20°♒36'30		asc. node	-3231 Nov 06 j 19:13	3°♒53'53	
retrograde	-3232 Nov 20 j 07:46	20°♒37'25		evening set	-3231 Nov 07 j 20:07	3°♒16'07	
evening set	-3232 Nov 23 j 14:22	19°♒35'04			-3231 Nov 11 j 03:53	30°♒	
inferior conj	-3232 Nov 29 j 06:19	13°♒43'51	2°50'10	inferior conj	-3231 Nov 13 j 07:41	27°♒12'51	2°06'28
minimum elong	-3232 Nov 29 j 03:15	13°♒53'34	2°49'11	minimum elong	-3231 Nov 13 j 05:06	27°♒21'30	2°05'29
min. Earth dist.	-3232 Nov 30 j 15:07	11°♒59'47	0.65810 AU	min. Earth dist.	-3231 Nov 14 j 03:50	26°♒05'37	0.66689 AU
morning rise	-3232 Dec 04 j 15:50	7°♒33'18		morning rise	-3231 Nov 18 j 13:51	20°♒58'54	
direct	-3232 Dec 11 j 00:49	4°♒46'32		direct	-3231 Nov 24 j 08:38	18°♒26'34	
morning max el	-3232 Dec 23 j 17:27	12°♒13'32	26°19'25	morning max el	-3231 Dec 06 j 02:07	25°♒25'01	25°03'58
desc. node	-3232 Dec 31 j 20:58	21°♒36'10			-3231 Dec 10 j 06:47	0°♒	
	-3231 Jan 07 j 01:49	0°♓		desc. node	-3231 Dec 18 j 17:58	10°♒51'03	
	-3231 Jan 25 j 16:05	0°♓			-3231 Dec 31 j 14:22	0°♓	
morning set	-3231 Jan 28 j 20:23	5°♓50'42		morning set	-3230 Jan 11 j 06:39	18°♓02'37	
max. Earth dist.	-3231 Feb 01 j 22:52	13°♓42'43	1.35210 AU	max. Earth dist.	-3230 Jan 14 j 23:37	24°♓47'33	1.36943 AU
					-3230 Jan 17 j 18:02	0°♓	
superior conj	-3231 Feb 06 j 16:56	23°♓14'36	-1°23'39				
minimum elong	-3231 Feb 06 j 20:10	23°♓31'07	1°23'18	superior conj	-3230 Jan 21 j 06:06	6°♓47'17	-1°41'57
	-3231 Feb 09 j 23:29	0°♔		minimum elong	-3230 Jan 21 j 09:10	7°♓02'22	1°41'47
evening rise	-3231 Feb 14 j 09:53	9°♔11'51		evening rise	-3230 Jan 29 j 13:00	23°♓24'01	
asc. node	-3231 Feb 15 j 21:27	12°♔13'21			-3230 Feb 01 j 21:03	0°♔	
	-3231 Feb 25 j 15:49	0°♕		asc. node	-3230 Feb 02 j 18:27	1°♔42'56	
evening max el	-3231 Mar 05 j 04:54	9°♕27'40	20°38'24	evening max el	-3230 Feb 15 j 18:51	21°♔14'06	19°31'11
retrograde	-3231 Mar 16 j 06:01	14°♕43'40		retrograde	-3230 Feb 25 j 03:23	25°♔41'05	
evening set	-3231 Mar 18 j 13:01	14°♕30'59		evening set	-3230 Feb 27 j 10:36	25°♔26'09	
inferior conj	-3231 Mar 27 j 15:00	10°♕33'14	0°36'46	inferior conj	-3230 Mar 07 j 20:38	21°♔20'44	2°18'38
minimum elong	-3231 Mar 27 j 16:39	10°♕30'50	0°36'10	minimum elong	-3230 Mar 08 j 01:25	21°♔13'00	2°17'13
min. Earth dist.	-3231 Mar 28 j 22:03	9°♕48'16	0.55286 AU	min. Earth dist.	-3230 Mar 10 j 12:46	19°♔37'41	0.56276 AU
desc. node	-3231 Mar 29 j 19:57	9°♕17'04		morning rise	-3230 Mar 16 j 13:35	16°♔35'35	
morning rise	-3231 Apr 05 j 19:04	6°♕17'25		desc. node	-3230 Mar 16 j 17:03	16°♔32'44	
direct	-3231 Apr 09 j 04:20	5°♕52'27		direct	-3230 Mar 21 j 01:57	15°♔49'23	
morning max el	-3231 Apr 22 j 11:57	12°♕21'50	23°03'05	morning max el	-3230 Apr 04 j 03:12	22°♔56'31	24°42'12
	-3231 May 05 j 16:59	0°♖			-3230 Apr 10 j 09:48	0°♖	
asc. node	-3231 May 14 j 20:59	17°♖31'32			-3230 Apr 28 j 03:40	0°♖	
morning set	-3231 May 15 j 07:37	18°♖27'01		morning set	-3230 Apr 29 j 19:46	3°♖28'22	
	-3231 May 20 j 17:52	0°♗		asc. node	-3230 May 01 j 17:59	7°♖33'38	
superior conj	-3231 May 22 j 11:19	3°♗41'29	1°11'49	superior conj	-3230 May 06 j 20:22	18°♖36'03	0°51'03
minimum elong	-3231 May 22 j 08:45	3°♗27'49	1°11'29	minimum elong	-3230 May 06 j 18:19	18°♖24'54	0°50'43
max. Earth dist.	-3231 May 24 j 23:54	9°♗01'43	1.33933 AU	max. Earth dist.	-3230 May 08 j 06:26	21°♖40'14	1.33117 AU
evening rise	-3231 May 30 j 03:49	19°♗33'47			-3230 May 12 j 04:34	0°♗	
	-3231 Jun 04 j 15:12	0°♘		evening rise	-3230 May 14 j 03:08	3°♗59'54	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3230 May 28 j 08:56	0°♊		evening rise	-3229 Apr 28 j 08:45	18°♑44'28	
desc. node	-3230 Jun 12 j 15:59	20°♊51'54			-3229 May 04 j 00:23	0°♋	
evening max el	-3230 Jun 15 j 17:18	23°♊59'49	27°23'01		-3229 May 23 j 04:04	0°♊	
	-3230 Jun 23 j 22:32	0°♌		evening max el	-3229 May 28 j 21:53	6°♊15'05	26°53'48
retrograde	-3230 Jun 29 j 12:40	1°♌22'13		desc. node	-3229 May 30 j 13:03	7°♊44'33	
	-3230 Jul 04 j 19:21	30°♋♊		retrograde	-3229 Jun 11 j 21:37	13°♊34'35	
evening set	-3230 Jul 06 j 16:12	28°♊51'31		evening set	-3229 Jun 18 j 16:35	11°♊32'17	
min. Earth dist.	-3230 Jul 10 j 06:09	25°♊53'12	0.62718 AU	min. Earth dist.	-3229 Jun 22 j 11:24	8°♊50'10	0.60766 AU
inferior conj	-3230 Jul 13 j 03:13	23°♊05'42	-4°01'48	inferior conj	-3229 Jun 25 j 18:20	6°♊02'24	-4°22'04
minimum elong	-3230 Jul 13 j 06:37	22°♊57'26	4°01'09	minimum elong	-3229 Jun 25 j 19:44	5°♊59'25	4°21'53
morning rise	-3230 Jul 19 j 22:09	17°♊57'44		morning rise	-3229 Jul 03 j 00:39	1°♊15'45	
direct	-3230 Jul 22 j 12:23	17°♊26'42		direct	-3229 Jul 05 j 13:26	0°♊50'21	
asc. node	-3230 Jul 28 j 17:20	20°♊25'07		morning max el	-3229 Jul 12 j 16:52	4°♊20'36	18°06'16
morning max el	-3230 Jul 29 j 04:14	20°♊51'10	17°55'39	asc. node	-3229 Jul 15 j 14:24	7°♊36'46	
	-3230 Aug 05 j 01:30	0°♌		morning set	-3229 Jul 28 j 16:38	29°♊37'05	
morning set	-3230 Aug 14 j 14:35	16°♌27'50			-3229 Jul 28 j 21:33	0°♌	
	-3230 Aug 22 j 07:16	0°♍					
				superior conj	-3229 Aug 07 j 16:03	17°♌53'40	1°40'35
superior conj	-3230 Aug 26 j 01:34	6°♍25'47	1°19'56	minimum elong	-3229 Aug 07 j 19:18	18°♌08'07	1°40'30
minimum elong	-3230 Aug 26 j 06:59	6°♍48'40	1°19'29		-3229 Aug 14 j 15:48	0°♍	
max. Earth dist.	-3230 Sep 01 j 20:57	17°♍42'01	1.43224 AU	max. Earth dist.	-3229 Aug 15 j 05:53	0°♍59'12	1.41574 AU
desc. node	-3230 Sep 08 j 15:21	28°♍29'15		evening rise	-3229 Aug 20 j 21:39	10°♍16'41	
	-3230 Sep 09 j 14:33	0°♎		desc. node	-3229 Aug 26 j 12:20	19°♍07'57	
evening rise	-3230 Sep 10 j 05:34	0°♎58'30			-3229 Sep 02 j 16:49	0°♎	
	-3230 Sep 29 j 17:30	0°♏		evening max el	-3229 Sep 23 j 04:23	26°♎54'13	22°31'51
evening max el	-3230 Oct 10 j 11:06	13°♏28'07	21°15'04		-3229 Sep 26 j 15:05	0°♏	
retrograde	-3230 Oct 19 j 01:48	18°♏34'25		retrograde	-3229 Oct 02 j 20:42	2°♏39'07	
evening set	-3230 Oct 23 j 03:47	17°♏00'45		evening set	-3229 Oct 07 j 11:32	0°♏46'33	
asc. node	-3230 Oct 24 j 16:19	15°♏37'55			-3229 Oct 08 j 08:15	30°♎♎	
inferior conj	-3230 Oct 28 j 12:36	10°♏48'40	1°17'37	asc. node	-3229 Oct 11 j 13:25	26°♎10'52	
minimum elong	-3230 Oct 28 j 10:53	10°♏54'33	1°16'54	inferior conj	-3229 Oct 12 j 19:09	24°♎28'59	0°25'30
min. Earth dist.	-3230 Oct 28 j 21:25	10°♏18'23	0.67234 AU	minimum elong	-3229 Oct 12 j 18:34	24°♎31'03	0°25'15
morning rise	-3230 Nov 02 j 17:49	4°♏33'49		min. Earth dist.	-3229 Oct 12 j 17:30	24°♎34'44	0.67463 AU
direct	-3230 Nov 07 j 21:21	2°♏21'39		morning rise	-3229 Oct 18 j 01:28	18°♎15'54	
morning max el	-3230 Nov 18 j 10:57	8°♏39'55	23°38'37	direct	-3229 Oct 22 j 14:08	16°♎25'42	
	-3230 Dec 05 j 04:40	0°♐		morning max el	-3229 Oct 31 j 23:04	21°♎59'26	22°12'39
desc. node	-3230 Dec 05 j 14:58	0°♐37'14			-3229 Nov 07 j 19:22	0°♏	
morning set	-3230 Dec 23 j 17:01	29°♐00'15		desc. node	-3229 Nov 22 j 11:57	20°♏45'17	
	-3230 Dec 24 j 07:04	0°♑			-3229 Nov 28 j 13:04	0°♐	
max. Earth dist.	-3230 Dec 27 j 19:18	6°♑04'29	1.38972 AU	morning set	-3229 Dec 03 j 22:46	8°♐33'50	
				max. Earth dist.	-3229 Dec 09 j 17:40	18°♐05'16	1.41035 AU
					-3229 Dec 16 j 15:31	0°♑	
superior conj	-3229 Jan 04 j 05:58	19°♑36'23	-1°53'41				
minimum elong	-3229 Jan 04 j 07:40	19°♑44'22	1°53'44	superior conj	-3229 Dec 17 j 11:26	1°♑28'19	-1°55'32
	-3229 Jan 09 j 16:31	0°♒		minimum elong	-3229 Dec 17 j 10:12	1°♑22'51	1°55'37
evening rise	-3229 Jan 13 j 08:43	7°♒08'48		evening rise	-3229 Dec 27 j 17:55	20°♑18'36	
asc. node	-3229 Jan 20 j 15:27	20°♒47'25			-3228 Jan 01 j 23:59	0°♒	
	-3229 Jan 26 j 14:40	0°♓		asc. node	-3228 Jan 07 j 12:30	9°♒18'31	
evening max el	-3229 Jan 29 j 18:29	3°♓34'44	18°43'23	evening max el	-3228 Jan 13 j 01:17	16°♒22'16	18°15'46
retrograde	-3229 Feb 06 j 18:09	7°♓26'44		retrograde	-3228 Jan 20 j 03:30	19°♒55'13	
evening set	-3229 Feb 09 j 04:54	7°♓06'20		evening set	-3228 Jan 22 j 17:34	19°♒27'54	
inferior conj	-3229 Feb 16 j 21:15	2°♓42'53	3°25'24	inferior conj	-3228 Jan 29 j 18:25	14°♒43'10	3°56'18
minimum elong	-3229 Feb 17 j 01:17	2°♓35'19	3°24'34	minimum elong	-3228 Jan 29 j 19:49	14°♒40'05	3°56'06
min. Earth dist.	-3229 Feb 20 j 05:07	0°♓14'20	0.57937 AU	min. Earth dist.	-3228 Feb 02 j 02:14	11°♒50'15	0.59919 AU
	-3229 Feb 20 j 13:13	30°♋♒		morning rise	-3228 Feb 05 j 20:16	9°♒07'36	
morning rise	-3229 Feb 24 j 19:09	27°♒28'59		direct	-3228 Feb 12 j 10:44	7°♒08'24	
direct	-3229 Mar 02 j 12:24	26°♒08'35		desc. node	-3228 Feb 18 j 11:13	8°♒40'02	
desc. node	-3229 Mar 03 j 14:08	26°♒11'25		morning max el	-3228 Feb 26 j 16:05	14°♒48'01	27°13'34
	-3229 Mar 12 j 13:14	0°♓			-3228 Mar 09 j 23:07	0°♓	
morning max el	-3229 Mar 16 j 18:57	3°♓36'44	26°10'30		-3228 Mar 27 j 01:33	0°♋	
	-3229 Apr 04 j 19:05	0°♌		morning set	-3228 Mar 28 j 16:31	3°♋20'04	
morning set	-3229 Apr 14 j 07:18	18°♌28'03		asc. node	-3228 Apr 04 j 11:58	17°♋56'43	
asc. node	-3229 Apr 18 j 14:58	27°♌43'23					
	-3229 Apr 19 j 16:01	0°♑		superior conj	-3228 Apr 04 j 19:19	18°♋36'57	0°03'14
superior conj	-3229 Apr 21 j 07:35	3°♑36'26	0°27'54	minimum elong	-3228 Apr 04 j 19:11	18°♋36'10	0°03'11
minimum elong	-3229 Apr 21 j 06:23	3°♑29'50	0°27'39	behind sun begin	-3228 Apr 04 j 14:15	18°♋09'13	
max. Earth dist.	-3229 Apr 21 j 18:21	4°♑35'15	1.32654 AU	behind sun end	-3228 Apr 05 j 00:06	19°♋03'08	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3228 Apr 04 j 07:48	17° $\text{X}$ 33'56	1.32528 AU	asc. node	-3227 Mar 22 j 08:58	8° $\text{X}$ 08'47	
	-3228 Apr 10 j 00:55	0° $\text{Y}$		evening rise	-3227 Mar 27 j 05:41	18° $\text{X}$ 36'39	
evening rise	-3228 Apr 11 j 18:17	3° $\text{Y}$ 39'27			-3227 Apr 01 j 20:55	0° $\text{Y}$	
	-3228 Apr 25 j 23:01	0° $\text{Z}$		evening max el	-3227 Apr 21 j 12:41	28° $\text{Y}$ 42'55	24°29'32
evening max el	-3228 May 09 j 19:58	17° $\text{Z}$ 47'16	25°53'20		-3227 Apr 22 j 22:17	0° $\text{Z}$	
desc. node	-3228 May 16 j 10:08	22° $\text{Z}$ 51'13		desc. node	-3227 May 03 j 07:14	5° $\text{Z}$ 34'18	
retrograde	-3228 May 23 j 21:53	25° $\text{Z}$ 02'19		retrograde	-3227 May 05 j 11:19	5° $\text{Z}$ 45'10	
evening set	-3228 May 29 j 19:51	23° $\text{Z}$ 37'40		evening set	-3227 May 10 j 01:55	4° $\text{Z}$ 57'14	
min. Earth dist.	-3228 Jun 03 j 08:24	20° $\text{Z}$ 54'35	0.58721 AU	min. Earth dist.	-3227 May 16 j 00:35	1° $\text{Z}$ 57'29	0.56878 AU
inferior conj	-3228 Jun 06 j 16:23	18° $\text{Z}$ 27'19	-4°18'44	inferior conj	-3227 May 18 j 18:34	0° $\text{Z}$ 11'36	-3°41'04
minimum elong	-3228 Jun 06 j 14:20	18° $\text{Z}$ 31'07	4°18'30	minimum elong	-3227 May 18 j 13:05	0° $\text{Z}$ 20'27	3°39'57
morning rise	-3228 Jun 14 j 11:27	14° $\text{Z}$ 02'49			-3227 May 19 j 01:46	30° $\text{R}$ $\text{Y}$	
direct	-3228 Jun 16 j 23:43	13° $\text{Z}$ 42'00		morning rise	-3227 May 27 j 03:22	26° $\text{Y}$ 05'44	
morning max el	-3228 Jun 25 j 00:25	17° $\text{Z}$ 30'09	18°36'42	direct	-3227 May 29 j 15:22	25° $\text{Y}$ 48'31	
asc. node	-3228 Jul 01 j 11:27	25° $\text{Z}$ 42'17			-3227 Jun 07 j 19:54	0° $\text{Z}$	
	-3228 Jul 04 j 02:06	0° $\text{II}$		morning max el	-3227 Jun 07 j 23:57	0° $\text{Z}$ 09'20	19°27'34
morning set	-3228 Jul 11 j 07:17	13° $\text{II}$ 24'46		asc. node	-3227 Jun 18 j 08:30	14° $\text{Z}$ 28'27	
	-3228 Jul 19 j 22:35	0° $\text{III}$		morning set	-3227 Jun 25 j 06:51	27° $\text{Z}$ 40'46	
					-3227 Jun 26 j 10:41	0° $\text{II}$	
superior conj	-3228 Jul 20 j 04:56	0° $\text{III}$ 29'42	1°48'34	superior conj	-3227 Jul 03 j 10:22	13° $\text{II}$ 56'39	1°46'38
minimum elong	-3228 Jul 20 j 05:36	0° $\text{III}$ 32'51	1°48'40	minimum elong	-3227 Jul 03 j 09:06	13° $\text{II}$ 50'30	1°46'41
max. Earth dist.	-3228 Jul 27 j 09:18	13° $\text{III}$ 31'31	1.39647 AU	max. Earth dist.	-3227 Jul 09 j 11:11	25° $\text{II}$ 27'22	1.37705 AU
evening rise	-3228 Jul 31 j 13:50	20° $\text{III}$ 43'56			-3227 Jul 11 j 22:53	0° $\text{III}$	
	-3228 Aug 06 j 05:08	0° $\text{IV}$		evening rise	-3227 Jul 13 j 07:33	2° $\text{III}$ 26'02	
desc. node	-3228 Aug 12 j 09:21	9° $\text{IV}$ 37'48		desc. node	-3227 Jul 30 j 06:23	29° $\text{III}$ 53'22	
	-3228 Aug 26 j 19:27	0° $\text{V}$		evening max el	-3227 Jul 30 j 08:11	0° $\text{IV}$	
evening max el	-3228 Sep 04 j 17:10	10° $\text{V}$ 21'53	23°52'28		-3227 Aug 18 j 04:06	23° $\text{IV}$ 52'53	25°10'03
retrograde	-3228 Sep 15 j 12:32	16° $\text{V}$ 44'13		retrograde	-3227 Aug 26 j 11:52	0° $\text{V}$	
evening set	-3228 Sep 20 j 17:40	14° $\text{V}$ 32'20			-3227 Aug 30 j 00:18	0° $\text{V}$ 45'21	
min. Earth dist.	-3228 Sep 25 j 13:42	8° $\text{V}$ 53'22	0.67387 AU	evening set	-3227 Sep 02 j 06:35	30° $\text{R}$ $\text{IV}$	
inferior conj	-3228 Sep 26 j 01:37	8° $\text{V}$ 12'47	-0°28'13	min. Earth dist.	-3227 Sep 04 j 20:21	28° $\text{IV}$ 15'51	
minimum elong	-3228 Sep 26 j 02:17	8° $\text{V}$ 10'31	0°27'53	inferior conj	-3227 Sep 09 j 07:36	23° $\text{IV}$ 12'24	0.66997 AU
asc. node	-3228 Sep 27 j 10:32	6° $\text{V}$ 22'20		minimum elong	-3227 Sep 10 j 06:16	21° $\text{IV}$ 57'59	-1°21'54
morning rise	-3228 Oct 01 j 10:53	2° $\text{V}$ 04'11		asc. node	-3227 Sep 10 j 08:13	21° $\text{IV}$ 51'37	1°21'02
direct	-3228 Oct 05 j 10:08	0° $\text{V}$ 34'58		morning rise	-3227 Sep 14 j 07:38	17° $\text{IV}$ 11'02	
morning max el	-3228 Oct 13 j 17:22	5° $\text{V}$ 27'03	20°53'27	direct	-3227 Sep 15 j 20:08	15° $\text{IV}$ 56'52	
	-3228 Nov 01 j 00:17	0° $\text{VI}$		morning max el	-3227 Sep 19 j 08:05	14° $\text{IV}$ 45'57	
desc. node	-3228 Nov 08 j 08:57	11° $\text{VI}$ 09'03			-3227 Sep 26 j 18:56	19° $\text{IV}$ 03'31	19°46'05
morning set	-3228 Nov 12 j 03:42	17° $\text{VI}$ 00'19		morning set	-3227 Oct 05 j 09:44	0° $\text{VI}$	
	-3228 Nov 20 j 08:07	0° $\text{VII}$			-3227 Oct 22 j 02:15	25° $\text{VI}$ 15'57	
max. Earth dist.	-3228 Nov 20 j 22:46	0° $\text{VII}$ 59'23	1.42845 AU	desc. node	-3227 Oct 25 j 03:20	0° $\text{VII}$	
				max. Earth dist.	-3227 Oct 26 j 05:57	1° $\text{VII}$ 43'45	
superior conj	-3228 Nov 27 j 16:52	12° $\text{VII}$ 09'49	-1°43'32		-3227 Nov 03 j 10:46	14° $\text{VII}$ 38'23	1.44158 AU
minimum elong	-3228 Nov 27 j 11:42	11° $\text{VII}$ 48'03	1°43'15	superior conj	-3227 Nov 07 j 18:58	21° $\text{VII}$ 35'24	-1°14'40
	-3228 Dec 07 j 23:37	0° $\text{VIII}$		minimum elong	-3227 Nov 07 j 11:42	21° $\text{VII}$ 06'08	1°13'55
evening rise	-3228 Dec 09 j 12:49	2° $\text{VIII}$ 45'24			-3227 Nov 12 j 22:56	0° $\text{VIII}$	
asc. node	-3228 Dec 24 j 09:34	27° $\text{VIII}$ 05'53		evening rise	-3227 Nov 21 j 12:54	14° $\text{VIII}$ 20'24	
evening max el	-3228 Dec 26 j 12:26	29° $\text{VIII}$ 28'41	18°07'57		-3227 Nov 30 j 20:41	0° $\text{VIII}$	
	-3228 Dec 27 j 01:25	0° $\text{IX}$		evening max el	-3227 Dec 10 j 01:09	12° $\text{VIII}$ 47'24	18°19'10
retrograde	-3227 Jan 02 j 03:40	2° $\text{IX}$ 56'13		asc. node	-3227 Dec 11 j 06:39	13° $\text{VIII}$ 56'52	
evening set	-3227 Jan 04 j 20:58	2° $\text{IX}$ 21'00		retrograde	-3227 Dec 16 j 14:12	16° $\text{VIII}$ 20'51	
	-3227 Jan 08 j 11:13	30° $\text{R}$ $\text{IX}$		evening set	-3227 Dec 19 j 11:31	15° $\text{VIII}$ 36'27	
inferior conj	-3227 Jan 11 j 09:21	27° $\text{IX}$ 15'11	3°59'12	inferior conj	-3227 Dec 25 j 14:12	10° $\text{IX}$ 11'05	3°42'23
minimum elong	-3227 Jan 11 j 08:19	27° $\text{IX}$ 17'44	3°59'03	minimum elong	-3227 Dec 25 j 11:41	10° $\text{IX}$ 18'08	3°41'54
min. Earth dist.	-3227 Jan 14 j 07:17	24° $\text{IX}$ 21'30	0.61915 AU	min. Earth dist.	-3227 Dec 27 j 21:53	7° $\text{IX}$ 36'10	0.63701 AU
morning rise	-3227 Jan 17 j 18:34	21° $\text{IX}$ 25'03		morning rise	-3227 Dec 31 j 11:13	4° $\text{IX}$ 11'03	
direct	-3227 Jan 24 j 19:04	18° $\text{IX}$ 53'56		direct	-3226 Jan 07 j 11:23	1° $\text{IX}$ 22'21	
desc. node	-3227 Feb 04 j 08:18	23° $\text{IX}$ 33'00		morning max el	-3226 Jan 21 j 03:13	9° $\text{IX}$ 07'38	27°34'28
morning max el	-3227 Feb 07 j 19:28	26° $\text{IX}$ 39'32	27°42'11	desc. node	-3226 Jan 22 j 05:21	10° $\text{IX}$ 13'55	
	-3227 Feb 10 j 23:35	0° $\text{X}$			-3226 Feb 06 j 11:02	0° $\text{X}$	
	-3227 Mar 03 j 11:42	0° $\text{XI}$		morning set	-3226 Feb 23 j 17:26	0° $\text{XI}$	
morning set	-3227 Mar 12 j 21:19	17° $\text{XI}$ 55'59		max. Earth dist.	-3226 Feb 24 j 19:14	2° $\text{XI}$ 07'18	
	-3227 Mar 18 j 14:56	0° $\text{XII}$			-3226 Mar 01 j 23:24	12° $\text{XI}$ 42'42	1.33370 AU
max. Earth dist.	-3227 Mar 18 j 18:49	0° $\text{XII}$ 20'54	1.32753 AU	superior conj	-3226 Mar 04 j 13:27	18° $\text{XI}$ 11'34	-0°47'21
				minimum elong			
superior conj	-3227 Mar 20 j 05:51	3° $\text{XII}$ 30'39	-0°22'11				
minimum elong	-3227 Mar 20 j 06:51	3° $\text{XII}$ 36'08	0°22'02				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3226 Mar 04 j 15:33	18° $\approx$ 22'50	0°47'01	superior conj	-3225 Feb 16 j 16:01	2° $\approx$ 32'21	-1°11'09
asc. node	-3226 Mar 09 j 06:00	28° $\approx$ 15'29		minimum elong	-3225 Feb 16 j 18:59	2° $\approx$ 47'46	1°10'46
	-3226 Mar 10 j 01:34	0° $\text{H}$		evening rise	-3225 Feb 24 j 03:03	18° $\approx$ 12'09	
evening rise	-3226 Mar 11 j 17:13	3° $\text{H}$ 29'46		asc. node	-3225 Feb 24 j 03:01	18° $\approx$ 11'59	
	-3226 Mar 26 j 08:49	0° $\text{Y}$			-3225 Mar 02 j 01:19	0° $\text{H}$	
evening max el	-3226 Apr 03 j 04:54	9° $\text{Y}$ 24'28	22°55'26	evening max el	-3225 Mar 16 j 02:45	20° $\text{H}$ 18'26	21°24'46
retrograde	-3226 Apr 16 j 11:41	15° $\text{Y}$ 56'43		retrograde	-3225 Mar 28 j 02:06	26° $\text{H}$ 04'11	
evening set	-3226 Apr 19 j 18:54	15° $\text{Y}$ 32'54		evening set	-3225 Mar 30 j 13:56	25° $\text{H}$ 50'02	
desc. node	-3226 Apr 20 j 04:18	15° $\text{Y}$ 27'02		desc. node	-3225 Apr 07 j 01:22	22° $\text{H}$ 51'23	
min. Earth dist.	-3226 Apr 27 j 14:52	12° $\text{Y}$ 05'12	0.55590 AU	inferior conj	-3225 Apr 08 j 21:37	21° $\text{H}$ 49'49	-0°30'53
inferior conj	-3226 Apr 29 j 01:46	11° $\text{Y}$ 14'41	-2°22'06	minimum elong	-3225 Apr 08 j 20:10	21° $\text{H}$ 51'51	0°30'23
minimum elong	-3226 Apr 28 j 20:03	11° $\text{Y}$ 22'59	2°20'23	min. Earth dist.	-3225 Apr 09 j 04:35	21° $\text{H}$ 40'00	0.55131 AU
morning rise	-3226 May 07 j 23:27	7° $\text{Y}$ 17'51		morning rise	-3225 Apr 18 j 02:33	17° $\text{H}$ 46'31	
direct	-3226 May 10 j 13:19	7° $\text{Y}$ 02'04		direct	-3225 Apr 21 j 01:35	17° $\text{H}$ 27'20	
morning max el	-3226 May 21 j 13:08	12° $\text{Y}$ 09'24	20°38'32	morning max el	-3225 May 03 j 15:25	23° $\text{H}$ 27'31	22°07'00
	-3226 Jun 03 j 05:22	0° $\text{B}$			-3225 May 09 j 10:08	0° $\text{Y}$	
asc. node	-3226 Jun 05 j 05:31	3° $\text{B}$ 45'25		asc. node	-3225 May 23 j 02:33	23° $\text{Y}$ 25'25	
morning set	-3226 Jun 09 j 12:35	12° $\text{B}$ 17'59		morning set	-3225 May 24 j 22:18	27° $\text{Y}$ 10'13	
					-3225 May 26 j 06:48	0° $\text{B}$	
superior conj	-3226 Jun 17 j 03:37	28° $\text{B}$ 00'57	1°37'13	superior conj	-3225 Jun 01 j 05:08	12° $\text{B}$ 32'12	1°22'19
minimum elong	-3226 Jun 17 j 01:18	27° $\text{B}$ 49'05	1°37'06	minimum elong	-3225 Jun 01 j 02:28	12° $\text{B}$ 18'15	1°22'02
	-3226 Jun 18 j 03:04	0° $\text{II}$		max. Earth dist.	-3225 Jun 04 j 10:58	19° $\text{B}$ 16'26	1.34573 AU
max. Earth dist.	-3226 Jun 21 j 18:18	7° $\text{II}$ 14'02	1.35974 AU	evening rise	-3225 Jun 09 j 05:30	28° $\text{B}$ 48'13	
evening rise	-3226 Jun 25 j 22:32	15° $\text{II}$ 12'20			-3225 Jun 09 j 20:21	0° $\text{II}$	
	-3226 Jul 04 j 07:19	0° $\text{E}$			-3225 Jun 27 j 10:56	0° $\text{E}$	
desc. node	-3226 Jul 17 j 03:25	19° $\text{E}$ 47'50		desc. node	-3225 Jul 04 j 00:25	9° $\text{E}$ 12'22	
	-3226 Jul 24 j 21:37	0° $\text{O}$		evening max el	-3225 Jul 14 j 02:50	20° $\text{E}$ 51'58	27°03'40
evening max el	-3226 Jul 31 j 15:13	7° $\text{O}$ 25'20	26°16'28	retrograde	-3225 Jul 27 j 08:47	28° $\text{E}$ 12'27	
retrograde	-3226 Aug 13 j 07:13	14° $\text{O}$ 36'48		evening set	-3225 Aug 03 j 06:37	25° $\text{E}$ 24'45	
evening set	-3226 Aug 19 j 17:29	11° $\text{O}$ 54'15		min. Earth dist.	-3225 Aug 07 j 02:35	21° $\text{E}$ 37'05	0.65191 AU
min. Earth dist.	-3226 Aug 23 j 20:41	7° $\text{O}$ 28'31	0.66275 AU	inferior conj	-3225 Aug 09 j 02:20	19° $\text{E}$ 20'26	-3°01'47
inferior conj	-3226 Aug 25 j 07:12	5° $\text{O}$ 41'34	-2°13'49	minimum elong	-3225 Aug 09 j 06:10	19° $\text{E}$ 09'27	3°00'33
minimum elong	-3226 Aug 25 j 10:17	5° $\text{O}$ 32'03	2°12'36	morning rise	-3225 Aug 15 j 06:10	13° $\text{E}$ 44'14	
	-3226 Aug 30 j 21:34	30° $\text{R}$ $\text{E}$		direct	-3225 Aug 18 j 02:31	13° $\text{E}$ 00'10	
morning rise	-3226 Aug 31 j 03:17	29° $\text{E}$ 51'13		asc. node	-3225 Aug 19 j 01:49	13° $\text{E}$ 05'17	
asc. node	-3226 Sep 01 j 04:44	29° $\text{E}$ 19'45		morning max el	-3225 Aug 24 j 15:52	16° $\text{E}$ 34'09	18°17'09
direct	-3226 Sep 03 j 06:16	28° $\text{E}$ 55'20			-3225 Sep 03 j 09:43	0° $\text{O}$	
	-3226 Sep 06 j 17:49	0° $\text{O}$		morning set	-3225 Sep 12 j 11:45	14° $\text{O}$ 53'42	
morning max el	-3226 Sep 10 j 03:03	2° $\text{O}$ 46'46	18°53'25		-3225 Sep 21 j 17:47	0° $\text{R}$	
	-3226 Sep 28 j 22:38	0° $\text{R}$					
morning set	-3226 Oct 01 j 17:22	4° $\text{R}$ 24'35		superior conj	-3225 Sep 27 j 00:21	8° $\text{R}$ 26'15	0°19'01
desc. node	-3226 Oct 13 j 02:57	22° $\text{R}$ 24'57		minimum elong	-3225 Sep 27 j 02:43	8° $\text{R}$ 35'41	0°18'44
max. Earth dist.	-3226 Oct 17 j 03:38	28° $\text{R}$ 45'44	1.44814 AU	desc. node	-3225 Sep 29 j 23:56	13° $\text{R}$ 09'43	
				max. Earth dist.	-3225 Sep 29 j 22:17	13° $\text{R}$ 03'12	1.44740 AU
superior conj	-3226 Oct 17 j 23:07	0° $\text{A}$ 02'29	-0°30'35		-3225 Oct 10 j 17:36	0° $\text{A}$	
minimum elong	-3226 Oct 17 j 19:09	29° $\text{R}$ 46'50	0°30'03	evening rise	-3225 Oct 13 j 14:05	4° $\text{A}$ 27'08	
	-3226 Oct 17 j 22:29	0° $\text{A}$		greatest brilliancy	-3225 Oct 25 j 05:00	22° $\text{A}$ 26'50	-0.7m
evening rise	-3226 Nov 02 j 13:42	24° $\text{A}$ 54'27			-3225 Oct 30 j 07:04	0° $\text{M}$	
	-3226 Nov 05 j 17:20	0° $\text{M}$		evening max el	-3225 Nov 06 j 20:43	9° $\text{M}$ 38'41	19°34'14
evening max el	-3226 Nov 23 j 12:41	26° $\text{M}$ 11'58	18°48'23	retrograde	-3225 Nov 14 j 03:43	13° $\text{M}$ 52'31	
asc. node	-3226 Nov 28 j 03:44	29° $\text{M}$ 35'47		asc. node	-3225 Nov 15 j 00:48	13° $\text{M}$ 48'05	
	-3226 Nov 29 j 20:06	0° $\text{A}$		evening set	-3225 Nov 17 j 13:49	12° $\text{M}$ 44'09	
retrograde	-3226 Nov 30 j 07:16	0° $\text{A}$ 01'13		inferior conj	-3225 Nov 23 j 03:39	6° $\text{M}$ 47'16	2°32'24
	-3226 Nov 30 j 18:22	30° $\text{R}$ $\text{M}$		minimum elong	-3225 Nov 23 j 00:44	6° $\text{M}$ 56'46	2°31'22
evening set	-3226 Dec 03 j 10:02	29° $\text{M}$ 05'54		min. Earth dist.	-3225 Nov 24 j 06:47	5° $\text{M}$ 19'05	0.66230 AU
inferior conj	-3226 Dec 09 j 05:18	23° $\text{M}$ 23'17	3°12'03	morning rise	-3225 Nov 28 j 11:27	0° $\text{M}$ 35'10	
minimum elong	-3226 Dec 09 j 02:13	23° $\text{M}$ 32'40	3°11'12		-3225 Nov 29 j 04:11	30° $\text{R}$ $\text{A}$	
min. Earth dist.	-3226 Dec 10 j 22:06	21° $\text{M}$ 19'07	0.65151 AU	direct	-3225 Dec 04 j 14:37	27° $\text{A}$ 53'53	
morning rise	-3226 Dec 14 j 18:04	17° $\text{M}$ 16'09			-3225 Dec 10 j 17:36	0° $\text{M}$	
direct	-3226 Dec 21 j 10:07	14° $\text{M}$ 25'07		morning max el	-3225 Dec 16 j 22:02	5° $\text{M}$ 09'39	25°49'13
morning max el	-3225 Jan 03 j 12:41	22° $\text{M}$ 01'17	26°54'21	desc. node	-3225 Dec 26 j 23:28	17° $\text{M}$ 02'42	
desc. node	-3225 Jan 09 j 02:24	28° $\text{M}$ 11'16			-3224 Jan 05 j 02:21	0° $\text{A}$	
	-3225 Jan 10 j 13:50	0° $\text{A}$		morning set	-3224 Jan 22 j 04:08	28° $\text{A}$ 30'07	
	-3225 Jan 30 j 15:35	0° $\text{B}$			-3224 Jan 22 j 23:37	0° $\text{B}$	
morning set	-3225 Feb 08 j 06:58	15° $\text{B}$ 42'58		max. Earth dist.	-3224 Jan 26 j 01:21	5° $\text{B}$ 47'29	1.35908 AU
max. Earth dist.	-3225 Feb 12 j 18:08	24° $\text{B}$ 30'30	1.34416 AU				
	-3225 Feb 15 j 10:39	0° $\approx$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3224 Jan 31 j 11:01	16° $\text{Z}$ 25'22	-1°32'02	superior conj	-3223 Jan 13 j 19:06	29° $\text{Z}$ 41'18	-1°47'55
minimum elong	-3224 Jan 31 j 14:18	16° $\text{Z}$ 41'53	1°31'45	minimum elong	-3223 Jan 13 j 21:46	29° $\text{Z}$ 54'10	1°47'50
	-3224 Feb 07 j 02:25	0° $\approx$			-3223 Jan 13 j 22:58	0° $\text{Z}$	
evening rise	-3224 Feb 08 j 09:16	2° $\approx$ 37'40		evening rise	-3223 Jan 22 j 09:38	16° $\text{Z}$ 39'51	
asc. node	-3224 Feb 11 j 00:02	7° $\approx$ 53'21		asc. node	-3223 Jan 27 j 21:03	27° $\text{Z}$ 13'53	
	-3224 Feb 24 j 18:03	0° $\text{H}$			-3223 Jan 29 j 09:45	0° $\approx$	
evening max el	-3224 Feb 26 j 10:25	1° $\text{H}$ 43'41	20°07'24	evening max el	-3223 Feb 08 j 04:44	13° $\approx$ 46'01	19°08'25
retrograde	-3224 Mar 07 j 17:45	6° $\text{H}$ 37'52		retrograde	-3223 Feb 16 j 22:20	17° $\approx$ 56'40	
evening set	-3224 Mar 10 j 00:05	6° $\text{H}$ 24'42		evening set	-3223 Feb 19 j 06:44	17° $\approx$ 39'50	
inferior conj	-3224 Mar 18 j 19:50	2° $\text{H}$ 24'58	1°23'34	inferior conj	-3223 Feb 27 j 09:08	13° $\approx$ 27'26	2°51'36
minimum elong	-3224 Mar 18 j 23:19	2° $\text{H}$ 19'44	1°22'24	minimum elong	-3223 Feb 27 j 13:59	13° $\approx$ 19'04	2°50'20
min. Earth dist.	-3224 Mar 20 j 18:36	1° $\text{H}$ 14'45	0.55609 AU	min. Earth dist.	-3223 Mar 02 j 10:02	11° $\approx$ 22'52	0.56913 AU
	-3224 Mar 22 j 23:19	30° $\text{R}$ $\approx$		morning rise	-3223 Mar 07 j 18:29	8° $\approx$ 29'01	
desc. node	-3224 Mar 23 j 22:28	29° $\approx$ 30'09		desc. node	-3223 Mar 10 j 19:34	7° $\approx$ 39'06	
morning rise	-3224 Mar 27 j 20:39	27° $\approx$ 57'46		direct	-3223 Mar 12 j 19:13	7° $\approx$ 29'44	
direct	-3224 Mar 31 j 16:24	27° $\approx$ 25'44		morning max el	-3223 Mar 27 j 00:23	14° $\approx$ 48'04	25°21'59
	-3224 Apr 09 j 00:09	0° $\text{H}$			-3223 Apr 08 j 02:25	0° $\text{H}$	
morning max el	-3224 Apr 14 j 09:21	4° $\text{H}$ 12'36	23°45'41	morning set	-3223 Apr 22 j 22:13	27° $\text{H}$ 12'50	
	-3224 May 02 j 07:59	0° $\text{Y}$			-3223 Apr 24 j 05:48	0° $\text{Y}$	
morning set	-3224 May 08 j 10:04	12° $\text{Y}$ 10'29		asc. node	-3223 Apr 25 j 20:34	3° $\text{Y}$ 27'57	
asc. node	-3224 May 08 j 23:33	13° $\text{Y}$ 21'18					
				superior conj	-3223 Apr 29 j 22:20	12° $\text{Y}$ 19'37	0°41'29
superior conj	-3224 May 15 j 12:04	27° $\text{Y}$ 20'47	1°03'21	minimum elong	-3223 Apr 29 j 20:36	12° $\text{Y}$ 10'12	0°41'10
minimum elong	-3224 May 15 j 09:40	27° $\text{Y}$ 07'54	1°03'00	max. Earth dist.	-3223 Apr 30 j 22:17	14° $\text{Y}$ 29'55	1.32876 AU
	-3224 May 16 j 17:48	0° $\text{B}$		evening rise	-3223 May 07 j 02:15	27° $\text{Y}$ 35'08	
max. Earth dist.	-3224 May 17 j 13:06	1° $\text{B}$ 42'47	1.33541 AU		-3223 May 08 j 06:40	0° $\text{B}$	
evening rise	-3224 May 22 j 23:53	12° $\text{B}$ 59'25			-3223 May 25 j 09:06	0° $\text{II}$	
	-3224 Jun 01 j 01:02	0° $\text{II}$		desc. node	-3223 Jun 06 j 18:29	15° $\text{II}$ 33'19	
desc. node	-3224 Jun 19 j 21:26	27° $\text{II}$ 53'38		evening max el	-3223 Jun 07 j 20:41	16° $\text{II}$ 37'36	27°14'29
	-3224 Jun 21 j 17:13	0° $\text{E}$		retrograde	-3223 Jun 21 j 18:19	23° $\text{II}$ 59'45	
evening max el	-3224 Jun 25 j 13:21	4° $\text{E}$ 00'00	27°24'41	evening set	-3223 Jun 28 j 19:39	21° $\text{II}$ 39'14	
retrograde	-3224 Jul 09 j 04:41	11° $\text{E}$ 23'11		min. Earth dist.	-3223 Jul 02 j 10:16	18° $\text{II}$ 49'53	0.61916 AU
evening set	-3224 Jul 16 j 08:37	8° $\text{E}$ 41'54		inferior conj	-3223 Jul 05 j 12:23	15° $\text{II}$ 59'35	-4°12'41
min. Earth dist.	-3224 Jul 19 j 23:22	5° $\text{E}$ 28'25	0.63725 AU	minimum elong	-3223 Jul 05 j 15:07	15° $\text{II}$ 53'15	4°12'15
inferior conj	-3224 Jul 22 j 13:04	2° $\text{E}$ 48'38	-3°42'54	morning rise	-3223 Jul 12 j 12:03	11° $\text{II}$ 00'45	
minimum elong	-3224 Jul 22 j 16:57	2° $\text{E}$ 38'35	3°41'58	direct	-3223 Jul 15 j 01:23	10° $\text{II}$ 32'26	
	-3224 Jul 25 j 09:49	30° $\text{R}$ $\text{II}$		morning max el	-3223 Jul 21 j 21:13	13° $\text{II}$ 58'06	17°57'47
morning rise	-3224 Jul 29 j 02:08	27° $\text{II}$ 29'49		asc. node	-3223 Jul 22 j 19:58	14° $\text{II}$ 56'50	
direct	-3224 Jul 31 j 18:00	26° $\text{II}$ 54'46			-3223 Aug 01 j 20:27	0° $\text{E}$	
asc. node	-3224 Aug 04 j 22:53	28° $\text{II}$ 22'14		morning set	-3223 Aug 07 j 00:41	9° $\text{E}$ 18'10	
	-3224 Aug 06 j 22:38	0° $\text{E}$					
morning max el	-3224 Aug 07 j 06:51	0° $\text{E}$ 19'59	17°58'17	superior conj	-3223 Aug 17 j 19:18	28° $\text{E}$ 29'25	1°30'24
morning set	-3224 Aug 24 j 07:58	26° $\text{E}$ 36'23		minimum elong	-3223 Aug 17 j 23:58	28° $\text{E}$ 49'34	1°30'07
	-3224 Aug 26 j 07:05	0° $\text{O}$			-3223 Aug 18 j 16:21	0° $\text{O}$	
				max. Earth dist.	-3223 Aug 25 j 02:13	10° $\text{O}$ 45'49	1.42569 AU
superior conj	-3224 Sep 05 j 20:04	17° $\text{O}$ 46'49	1°01'33	evening rise	-3223 Sep 01 j 04:09	22° $\text{O}$ 08'45	
minimum elong	-3224 Sep 06 j 01:39	18° $\text{O}$ 09'46	1°00'58	desc. node	-3223 Sep 02 j 17:51	24° $\text{O}$ 36'27	
max. Earth dist.	-3224 Sep 11 j 14:42	27° $\text{O}$ 09'00	1.43953 AU		-3223 Sep 06 j 05:32	0° $\text{N}$	
	-3224 Sep 13 j 09:35	0° $\text{N}$			-3223 Sep 27 j 04:45	0° $\text{O}$	
desc. node	-3224 Sep 15 j 20:53	3° $\text{N}$ 54'30		evening max el	-3223 Oct 02 j 19:53	6° $\text{O}$ 30'37	21°46'58
evening rise	-3224 Sep 21 j 21:00	13° $\text{N}$ 16'16		retrograde	-3223 Oct 11 j 21:24	11° $\text{O}$ 53'47	
	-3224 Oct 02 j 21:01	0° $\text{O}$		evening set	-3223 Oct 16 j 04:32	10° $\text{O}$ 12'24	
evening max el	-3224 Oct 19 j 23:21	23° $\text{O}$ 04'55	20°34'49	asc. node	-3223 Oct 18 j 19:00	7° $\text{O}$ 34'04	
retrograde	-3224 Oct 28 j 01:08	27° $\text{O}$ 50'58		inferior conj	-3223 Oct 21 j 12:38	3° $\text{O}$ 57'26	0°55'48
evening set	-3224 Oct 31 j 20:38	26° $\text{O}$ 27'12		minimum elong	-3223 Oct 21 j 11:22	4° $\text{O}$ 01'47	0°55'16
asc. node	-3224 Oct 31 j 21:53	26° $\text{O}$ 24'51		min. Earth dist.	-3223 Oct 21 j 16:58	3° $\text{O}$ 42'29	0.67359 AU
inferior conj	-3224 Nov 06 j 06:48	20° $\text{O}$ 19'28	1°46'17		-3223 Oct 24 j 12:44	30° $\text{R}$ $\text{N}$	
minimum elong	-3224 Nov 06 j 04:32	20° $\text{O}$ 27'07	1°45'22	morning rise	-3223 Oct 26 j 18:03	27° $\text{N}$ 42'43	
min. Earth dist.	-3224 Nov 06 j 21:54	19° $\text{O}$ 28'15	0.66952 AU	direct	-3223 Oct 31 j 15:04	25° $\text{N}$ 39'49	
morning rise	-3224 Nov 11 j 12:16	14° $\text{O}$ 04'45			-3223 Nov 08 j 23:01	0° $\text{O}$	
direct	-3224 Nov 17 j 00:28	11° $\text{O}$ 40'48		morning max el	-3223 Nov 10 j 16:33	1° $\text{O}$ 39'59	23°01'37
morning max el	-3224 Nov 28 j 06:45	18° $\text{O}$ 23'40	24°28'25	desc. node	-3223 Nov 29 j 17:29	26° $\text{O}$ 28'33	
	-3224 Dec 08 j 01:44	0° $\text{N}$			-3223 Dec 02 j 02:21	0° $\text{N}$	
desc. node	-3224 Dec 12 j 20:30	6° $\text{N}$ 32'19		morning set	-3223 Dec 15 j 03:37	20° $\text{N}$ 35'27	
	-3224 Dec 28 j 04:29	0° $\text{Z}$		max. Earth dist.	-3223 Dec 19 j 18:43	28° $\text{N}$ 24'43	1.39850 AU
morning set	-3223 Jan 03 j 05:07	10° $\text{Z}$ 13'12			-3223 Dec 20 j 16:46	0° $\text{Z}$	
max. Earth dist.	-3223 Jan 06 j 23:16	16° $\text{Z}$ 54'19	1.37776 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3223 Dec 27 j 11:48	12°♌07'35	-1°55'55	morning set	-3222 Nov 24 j 21:26	29°♊35'34	
minimum elong	-3223 Dec 27 j 12:27	12°♌10'35	1°56'01		-3222 Nov 25 j 03:35	0°♌	
	-3222 Jan 05 j 23:06	0°♌		max. Earth dist.	-3222 Dec 01 j 19:25	10°♌47'15	1.41851 AU
evening rise	-3222 Jan 06 j 01:17	0°♌10'27					
asc. node	-3222 Jan 14 j 18:07	16°♌05'33		superior conj	-3222 Dec 09 j 07:43	23°♌31'16	-1°52'23
evening max el	-3222 Jan 22 j 07:49	26°♌19'29	18°29'19	minimum elong	-3222 Dec 09 j 04:51	23°♌18'46	1°52'21
	-3222 Jan 29 j 06:24	0°♌			-3222 Dec 13 j 00:06	0°♌	
retrograde	-3222 Jan 29 j 21:03	0°♌01'25		evening rise	-3222 Dec 20 j 04:53	13°♌02'35	
	-3222 Jan 30 j 11:47	30°♌			-3222 Dec 29 j 19:02	0°♌	
evening set	-3222 Feb 01 j 09:13	29°♌38'18		asc. node	-3221 Jan 01 j 15:11	4°♌19'21	
inferior conj	-3222 Feb 08 j 18:40	25°♌06'23	3°42'26	evening max el	-3221 Jan 05 j 16:53	9°♌16'07	18°10'08
minimum elong	-3222 Feb 08 j 21:40	25°♌00'23	3°41'57	retrograde	-3221 Jan 12 j 13:02	12°♌44'49	
min. Earth dist.	-3222 Feb 12 j 04:20	22°♌24'14	0.58755 AU	evening set	-3221 Jan 15 j 04:35	12°♌14'07	
morning rise	-3222 Feb 16 j 07:48	19°♌42'10		inferior conj	-3221 Jan 21 j 23:45	7°♌20'23	4°00'23
direct	-3222 Feb 22 j 11:27	18°♌04'47		minimum elong	-3221 Jan 22 j 00:03	7°♌19'43	4°00'16
desc. node	-3222 Feb 25 j 16:40	18°♌30'49		min. Earth dist.	-3221 Jan 25 j 04:18	4°♌24'28	0.60787 AU
morning max el	-3222 Mar 08 j 18:03	25°♌39'26	26°40'58	morning rise	-3221 Jan 28 j 18:04	1°♌38'16	
	-3222 Mar 12 j 19:32	0°♌			-3221 Feb 01 j 01:13	30°♌	
	-3222 Apr 01 j 06:48	0°♌		direct	-3221 Feb 04 j 14:25	29°♌23'56	
morning set	-3222 Apr 07 j 08:59	12°♌10'08			-3221 Feb 08 j 06:28	0°♌	
asc. node	-3222 Apr 12 j 17:34	23°♌39'55		desc. node	-3221 Feb 12 j 13:46	2°♌04'40	
				morning max el	-3221 Feb 18 j 17:37	7°♌06'06	27°30'10
superior conj	-3222 Apr 14 j 10:00	27°♌21'10	0°17'36		-3221 Mar 08 j 01:58	0°♌	
minimum elong	-3222 Apr 14 j 09:14	27°♌16'55	0°17'25	morning set	-3221 Mar 22 j 16:35	26°♌55'48	
max. Earth dist.	-3222 Apr 14 j 11:09	27°♌27'29	1.32560 AU		-3221 Mar 24 j 03:58	0°♌	
	-3222 Apr 15 j 15:01	0°♌		max. Earth dist.	-3221 Mar 29 j 00:01	10°♌22'30	1.32583 AU
evening rise	-3222 Apr 21 j 09:49	12°♌25'19					
	-3222 Apr 30 j 10:41	0°♌		superior conj	-3221 Mar 29 j 21:26	12°♌19'20	-0°07'31
evening max el	-3222 May 20 j 22:41	28°♌35'09	26°31'34	minimum elong	-3221 Mar 29 j 21:46	12°♌21'12	0°07'29
	-3222 May 22 j 11:47	0°♌		behind sun begin	-3221 Mar 29 j 17:18	11°♌56'47	
desc. node	-3222 May 24 j 15:33	1°♌45'19		behind sun end	-3221 Mar 30 j 02:14	12°♌45'38	
retrograde	-3222 Jun 04 j 00:10	5°♌53'28		asc. node	-3221 Mar 30 j 14:35	13°♌53'07	
evening set	-3222 Jun 10 j 11:25	4°♌06'46		evening rise	-3221 Apr 05 j 20:23	27°♌22'06	
min. Earth dist.	-3222 Jun 14 j 12:00	1°♌26'01	0.59893 AU		-3221 Apr 07 j 02:37	0°♌	
	-3222 Jun 16 j 07:25	30°♌			-3221 Apr 24 j 08:35	0°♌	
inferior conj	-3222 Jun 17 j 20:42	28°♌44'17	-4°24'12	evening max el	-3221 May 02 j 18:23	9°♌50'50	25°19'52
minimum elong	-3222 Jun 17 j 20:46	28°♌44'09	4°24'05	desc. node	-3221 May 11 j 12:39	15°♌55'40	
morning rise	-3222 Jun 25 j 08:16	24°♌06'58		retrograde	-3221 May 16 j 19:46	17°♌01'02	
direct	-3222 Jun 27 j 20:37	23°♌43'44		evening set	-3221 May 22 j 05:14	15°♌53'08	
morning max el	-3222 Jul 05 j 08:03	27°♌20'25	18°16'39	min. Earth dist.	-3221 May 27 j 06:37	13°♌04'31	0.57897 AU
	-3222 Jul 07 j 18:31	0°♌		inferior conj	-3221 May 30 j 10:32	10°♌52'58	-4°07'35
asc. node	-3222 Jul 09 j 17:01	2°♌33'13		minimum elong	-3221 May 30 j 06:52	10°♌59'23	4°07'04
morning set	-3222 Jul 21 j 08:40	22°♌45'22		morning rise	-3221 Jun 07 j 11:19	6°♌36'42	
	-3222 Jul 25 j 04:32	0°♌		direct	-3221 Jun 09 j 23:32	6°♌17'27	
				morning max el	-3221 Jun 18 j 12:25	10°♌17'43	18°55'45
superior conj	-3222 Jul 30 j 20:03	10°♌28'25	1°45'22	asc. node	-3221 Jun 26 j 14:04	20°♌57'20	
minimum elong	-3222 Jul 30 j 22:10	10°♌38'03	1°45'22		-3221 Jul 01 j 15:28	0°♌	
max. Earth dist.	-3222 Aug 07 j 08:18	23°♌43'14	1.40775 AU	morning set	-3221 Jul 05 j 03:31	6°♌46'22	
	-3222 Aug 11 j 01:56	0°♌					
evening rise	-3222 Aug 12 j 05:46	1°♌54'37		superior conj	-3221 Jul 13 j 16:36	23°♌27'45	1°48'48
desc. node	-3222 Aug 20 j 14:51	15°♌12'08		minimum elong	-3221 Jul 13 j 16:21	23°♌26'34	1°48'54
	-3222 Aug 30 j 15:01	0°♌			-3221 Jul 17 j 03:56	0°♌	
evening max el	-3222 Sep 15 j 11:06	19°♌57'48	23°06'10	max. Earth dist.	-3221 Jul 20 j 10:48	5°♌59'37	1.38814 AU
retrograde	-3222 Sep 25 j 15:05	25°♌59'03		evening rise	-3221 Jul 24 j 09:09	12°♌54'31	
evening set	-3222 Sep 30 j 11:47	23°♌58'29			-3221 Aug 03 j 19:39	0°♌	
inferior conj	-3222 Oct 05 j 19:22	17°♌39'48	0°02'49	desc. node	-3221 Aug 07 j 11:51	5°♌36'41	
minimum elong	-3222 Oct 05 j 19:18	17°♌40'02	0°02'49		-3221 Aug 25 j 16:48	0°♌	
transit middle	-3222 Oct 05 j 19:18	17°♌40'02	0°02'49	evening max el	-3221 Aug 28 j 22:57	3°♌27'27	24°26'20
transit begin	-3222 Oct 05 j 16:38	17°♌49'12		retrograde	-3221 Sep 09 j 05:05	10°♌02'59	
transit end	-3222 Oct 05 j 21:58	17°♌30'53		evening set	-3221 Sep 14 j 16:39	7°♌43'19	
min. Earth dist.	-3222 Oct 05 j 13:27	18°♌00'10	0.67467 AU	min. Earth dist.	-3221 Sep 19 j 08:54	2°♌19'17	0.67267 AU
asc. node	-3222 Oct 05 j 16:06	17°♌51'03		inferior conj	-3221 Sep 20 j 01:16	1°♌24'21	-0°51'05
morning rise	-3222 Oct 11 j 02:42	11°♌28'06		minimum elong	-3221 Sep 20 j 02:28	1°♌20'16	0°50'30
direct	-3222 Oct 15 j 09:32	9°♌46'49			-3221 Sep 21 j 02:37	30°♌	
morning max el	-3222 Oct 24 j 06:51	15°♌02'11	21°37'43	asc. node	-3221 Sep 22 j 13:12	28°♌11'31	
	-3222 Nov 05 j 04:36	0°♌		morning rise	-3221 Sep 25 j 12:17	25°♌18'39	
desc. node	-3222 Nov 16 j 14:30	16°♌44'07		direct	-3221 Sep 29 j 06:34	23°♌57'28	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3221 Oct 07 j 04:09	28° $\Omega$ 33'17	20°23'07	morning set	-3220 Oct 12 j 23:52	16° $\Pi$ 20'29	
	-3221 Oct 08 j 12:38	0° $\Pi$		desc. node	-3220 Oct 20 j 08:28	27° $\Pi$ 50'51	
	-3221 Oct 29 j 18:51	0° $\Omega$			-3220 Oct 21 j 17:24	0° $\Omega$	
desc. node	-3221 Nov 03 j 11:29	7° $\Omega$ 13'01		max. Earth dist.	-3220 Oct 26 j 18:50	7° $\Omega$ 58'15	1.44528 AU
morning set	-3221 Nov 03 j 20:37	7° $\Omega$ 48'20					
max. Earth dist.	-3221 Nov 14 j 04:05	24° $\Omega$ 03'47	1.43483 AU	superior conj	-3220 Oct 29 j 16:43	12° $\Omega$ 35'24	-0°57'23
	-3221 Nov 17 j 20:01	0° $\Pi$		minimum elong	-3220 Oct 29 j 10:08	12° $\Omega$ 09'11	0°56'37
					-3220 Nov 09 j 11:17	0° $\Pi$	
superior conj	-3221 Nov 20 j 01:33	3° $\Pi$ 39'54	-1°33'25	evening rise	-3220 Nov 13 j 06:54	6° $\Pi$ 17'59	
minimum elong	-3221 Nov 19 j 19:01	3° $\Pi$ 12'55	1°32'54		-3220 Nov 28 j 01:04	0° $\Omega$	
evening rise	-3221 Dec 02 j 16:17	25° $\Pi$ 08'02		evening max el	-3220 Dec 02 j 17:23	5° $\Omega$ 48'59	18°29'25
	-3221 Dec 05 j 11:15	0° $\Omega$		asc. node	-3220 Dec 05 j 09:18	8° $\Omega$ 05'54	
asc. node	-3221 Dec 19 j 12:14	21° $\Omega$ 44'02		retrograde	-3220 Dec 09 j 08:01	9° $\Omega$ 28'23	
evening max el	-3221 Dec 20 j 04:59	22° $\Omega$ 27'59	18°10'26	evening set	-3220 Dec 12 j 07:24	8° $\Omega$ 39'36	
retrograde	-3221 Dec 26 j 18:10	25° $\Omega$ 56'41		inferior conj	-3220 Dec 18 j 06:38	3° $\Omega$ 06'19	3°30'55
evening set	-3221 Dec 29 j 13:08	25° $\Omega$ 17'35		minimum elong	-3220 Dec 18 j 03:46	3° $\Omega$ 14'38	3°30'15
inferior conj	-3220 Jan 04 j 21:01	20° $\Omega$ 02'53	3°54'04	min. Earth dist.	-3220 Dec 20 j 07:50	0° $\Omega$ 43'30	0.64357 AU
minimum elong	-3220 Jan 04 j 19:15	20° $\Omega$ 07'34	3°53'47		-3220 Dec 20 j 23:22	30° $\Omega$	
min. Earth dist.	-3220 Jan 07 j 13:02	17° $\Omega$ 15'35	0.62711 AU	morning rise	-3220 Dec 23 j 23:39	27° $\Pi$ 02'43	
morning rise	-3220 Jan 11 j 00:32	14° $\Omega$ 08'15		direct	-3220 Dec 30 j 20:56	24° $\Pi$ 11'30	
direct	-3220 Jan 18 j 01:58	11° $\Omega$ 28'06			-3219 Jan 11 j 07:40	0° $\Omega$	
desc. node	-3220 Jan 30 j 10:51	17° $\Omega$ 47'29		morning max el	-3219 Jan 13 j 08:09	1° $\Omega$ 54'37	27°21'07
morning max el	-3220 Jan 31 j 23:08	19° $\Omega$ 13'38	27°43'23	desc. node	-3219 Jan 16 j 07:55	5° $\Omega$ 04'01	
	-3220 Feb 10 j 04:08	0° $\Omega$			-3219 Feb 03 j 08:21	0° $\Omega$	
	-3220 Feb 28 j 22:11	0° $\Omega$		morning set	-3219 Feb 17 j 12:49	25° $\Omega$ 19'40	
morning set	-3220 Mar 05 j 18:49	11° $\Omega$ 22'20			-3219 Feb 19 j 21:14	0° $\Omega$	
max. Earth dist.	-3220 Mar 11 j 08:59	23° $\Omega$ 01'16	1.32965 AU	max. Earth dist.	-3219 Feb 22 j 09:53	5° $\Omega$ 09'38	1.33754 AU
superior conj	-3220 Mar 13 j 06:56	27° $\Omega$ 08'16	-0°32'56	superior conj	-3219 Feb 25 j 12:37	11° $\Omega$ 40'53	-0°57'43
minimum elong	-3220 Mar 13 j 08:25	27° $\Omega$ 16'19	0°32'42	minimum elong	-3219 Feb 25 j 15:07	11° $\Omega$ 54'11	0°57'20
	-3220 Mar 14 j 14:40	0° $\Omega$		asc. node	-3219 Mar 03 j 08:37	24° $\Omega$ 06'08	
asc. node	-3220 Mar 16 j 11:36	4° $\Omega$ 03'29		evening rise	-3219 Mar 04 j 19:04	27° $\Omega$ 07'28	
evening rise	-3220 Mar 20 j 08:04	12° $\Omega$ 18'35			-3219 Mar 06 j 04:18	0° $\Omega$	
	-3220 Mar 29 j 09:38	0° $\Omega$			-3219 Mar 24 j 19:50	0° $\Omega$	
evening max el	-3220 Apr 13 j 10:09	20° $\Omega$ 37'26	23°49'57	evening max el	-3219 Mar 26 j 03:49	1° $\Omega$ 20'08	22°15'48
retrograde	-3220 Apr 27 j 03:28	27° $\Omega$ 29'10		retrograde	-3219 Apr 07 j 23:17	7° $\Omega$ 35'06	
desc. node	-3220 Apr 27 j 09:44	27° $\Omega$ 29'00		evening set	-3219 Apr 10 j 20:15	7° $\Omega$ 16'52	
evening set	-3220 May 01 j 04:19	26° $\Omega$ 53'09		desc. node	-3219 Apr 14 j 06:50	6° $\Omega$ 11'30	
min. Earth dist.	-3220 May 07 j 21:22	23° $\Omega$ 43'14	0.56245 AU	min. Earth dist.	-3219 Apr 19 j 11:13	3° $\Omega$ 33'09	0.55272 AU
inferior conj	-3220 May 10 j 04:16	22° $\Omega$ 19'37	-3°12'39	inferior conj	-3219 Apr 20 j 05:12	3° $\Omega$ 07'41	-1°37'34
minimum elong	-3220 May 09 j 22:07	22° $\Omega$ 29'02	3°11'07	minimum elong	-3219 Apr 20 j 00:52	3° $\Omega$ 13'50	1°36'08
morning rise	-3220 May 18 j 18:53	18° $\Omega$ 19'29			-3219 Apr 26 j 11:21	30° $\Omega$	
direct	-3220 May 21 j 07:26	18° $\Omega$ 03'09		morning rise	-3219 Apr 29 j 07:05	29° $\Omega$ 10'39	
morning max el	-3220 May 31 j 07:48	22° $\Omega$ 41'40	19°55'22	direct	-3219 May 01 j 23:19	28° $\Omega$ 54'24	
	-3220 Jun 06 j 10:33	0° $\Omega$			-3219 May 07 j 04:51	0° $\Omega$	
asc. node	-3220 Jun 12 j 11:06	9° $\Omega$ 58'08		morning max el	-3219 May 13 j 16:23	4° $\Omega$ 24'03	21°14'24
morning set	-3220 Jun 18 j 06:04	21° $\Omega$ 13'09		asc. node	-3219 May 30 j 08:08	29° $\Omega$ 25'33	
	-3220 Jun 22 j 13:46	0° $\Pi$			-3219 May 30 j 15:06	0° $\Omega$	
				morning set	-3219 Jun 02 j 13:44	5° $\Omega$ 57'26	
superior conj	-3220 Jun 26 j 03:39	7° $\Pi$ 12'58	1°43'25				
minimum elong	-3220 Jun 26 j 01:50	7° $\Pi$ 03'56	1°43'25	superior conj	-3219 Jun 10 j 00:49	21° $\Omega$ 30'10	1°31'29
max. Earth dist.	-3220 Jul 01 j 14:34	17° $\Pi$ 50'13	1.36937 AU	minimum elong	-3219 Jun 09 j 22:16	21° $\Omega$ 17'01	1°31'18
evening rise	-3220 Jul 05 j 12:36	25° $\Pi$ 06'04		max. Earth dist.	-3219 Jun 14 j 01:11	29° $\Omega$ 40'07	1.35330 AU
	-3220 Jul 08 j 06:29	0° $\Omega$			-3219 Jun 14 j 05:10	0° $\Pi$	
desc. node	-3220 Jul 24 j 08:51	25° $\Omega$ 44'33		evening rise	-3219 Jun 18 j 10:58	8° $\Pi$ 15'07	
	-3220 Jul 27 j 08:58	0° $\Omega$			-3219 Jun 30 j 21:06	0° $\Omega$	
evening max el	-3220 Aug 10 j 09:45	16° $\Omega$ 59'37	25°39'58	desc. node	-3219 Jul 11 j 05:52	15° $\Omega$ 27'42	
retrograde	-3220 Aug 22 j 14:48	24° $\Omega$ 01'13			-3219 Jul 23 j 08:40	0° $\Omega$	
evening set	-3220 Aug 28 j 17:15	21° $\Omega$ 25'07		evening max el	-3219 Jul 23 j 20:54	0° $\Omega$ 30'00	26°39'11
min. Earth dist.	-3220 Sep 02 j 00:55	16° $\Omega$ 37'50	0.66743 AU	retrograde	-3219 Aug 05 j 19:40	7° $\Omega$ 47'09	
inferior conj	-3220 Sep 03 j 04:33	15° $\Omega$ 09'08	-1°44'14	evening set	-3219 Aug 12 j 11:20	5° $\Omega$ 00'56	
minimum elong	-3220 Sep 03 j 07:00	15° $\Omega$ 01'17	1°43'12	min. Earth dist.	-3219 Aug 16 j 11:12	0° $\Omega$ 51'39	0.65863 AU
asc. node	-3220 Sep 08 j 10:17	9° $\Omega$ 30'35			-3219 Aug 17 j 04:29	30° $\Omega$	
morning rise	-3220 Sep 08 j 20:54	9° $\Omega$ 12'31		inferior conj	-3219 Aug 18 j 03:18	28° $\Omega$ 51'12	-2°34'47
direct	-3220 Sep 12 j 04:46	8° $\Omega$ 08'28		minimum elong	-3219 Aug 18 j 06:45	28° $\Omega$ 40'49	2°33'32
morning max el	-3220 Sep 19 j 08:47	12° $\Omega$ 13'31	19°21'44	morning rise	-3219 Aug 24 j 02:32	23° $\Omega$ 06'38	
	-3220 Oct 02 j 10:46	0° $\Pi$		asc. node	-3219 Aug 26 j 07:22	22° $\Omega$ 19'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3219 Aug 27 j 02:17	22° $\mathfrak{D}$ 16'21		direct	-3218 Aug 10 j 20:53	6° $\mathfrak{D}$ 17'06	
morning max el	-3219 Sep 02 j 19:16	25° $\mathfrak{D}$ 59'31	18°35'51	asc. node	-3218 Aug 13 j 04:27	6° $\mathfrak{D}$ 45'12	
	-3219 Sep 06 j 05:18	0° $\mathfrak{Q}$		morning max el	-3218 Aug 17 j 09:18	9° $\mathfrak{D}$ 46'40	18°06'51
morning set	-3219 Sep 23 j 02:09	26° $\mathfrak{Q}$ 02'26			-3218 Aug 31 j 03:18	0° $\mathfrak{Q}$	
	-3219 Sep 25 j 13:14	0° $\mathfrak{P}$		morning set	-3218 Sep 04 j 08:08	7° $\mathfrak{Q}$ 04'30	
desc. node	-3219 Oct 07 j 05:26	18° $\mathfrak{P}$ 34'00					
superior conj	-3219 Oct 08 j 16:48	20° $\mathfrak{P}$ 53'24	-0°09'25	superior conj	-3218 Sep 17 j 23:53	29° $\mathfrak{Q}$ 35'48	0°38'29
minimum elong	-3219 Oct 08 j 15:33	20° $\mathfrak{P}$ 48'29	0°09'15	minimum elong	-3218 Sep 18 j 04:13	29° $\mathfrak{Q}$ 53'12	0°37'59
behind sun begin	-3219 Oct 08 j 06:04	20° $\mathfrak{P}$ 11'08			-3218 Sep 18 j 05:54	0° $\mathfrak{P}$	
behind sun end	-3219 Oct 09 j 01:02	21° $\mathfrak{P}$ 25'50		max. Earth dist.	-3218 Sep 22 j 06:07	6° $\mathfrak{P}$ 23'56	1.44488 AU
max. Earth dist.	-3219 Oct 09 j 12:26	22° $\mathfrak{P}$ 10'44	1.44870 AU	desc. node	-3218 Sep 24 j 02:23	9° $\mathfrak{P}$ 19'01	
	-3219 Oct 14 j 11:42	0° $\mathfrak{L}$		evening rise	-3218 Oct 04 j 12:31	25° $\mathfrak{P}$ 35'12	
evening rise	-3219 Oct 24 j 21:09	16° $\mathfrak{L}$ 25'22			-3218 Oct 07 j 09:05	0° $\mathfrak{L}$	
	-3219 Nov 02 j 10:41	0° $\mathfrak{M}$		greatest brilliancy	-3218 Oct 17 j 22:54	16° $\mathfrak{L}$ 06'14	-0.7m
greatest brilliancy	-3219 Nov 02 j 07:43	29° $\mathfrak{L}$ 48'20	-0.8m		-3218 Oct 27 j 23:55	0° $\mathfrak{M}$	
evening max el	-3219 Nov 16 j 03:40	19° $\mathfrak{M}$ 14'53	19°05'59	evening max el	-3218 Oct 30 j 09:38	2° $\mathfrak{M}$ 41'48	19°58'26
asc. node	-3219 Nov 22 j 06:22	23° $\mathfrak{M}$ 09'49		retrograde	-3218 Nov 06 j 23:56	7° $\mathfrak{M}$ 08'20	
retrograde	-3219 Nov 23 j 02:55	23° $\mathfrak{M}$ 13'57		asc. node	-3218 Nov 09 j 03:28	6° $\mathfrak{M}$ 41'39	
evening set	-3219 Nov 26 j 08:26	22° $\mathfrak{M}$ 13'33		evening set	-3218 Nov 10 j 13:45	5° $\mathfrak{M}$ 53'50	
inferior conj	-3219 Dec 02 j 01:11	16° $\mathfrak{M}$ 24'34	2°56'11		-3218 Nov 15 j 23:30	30° $\mathfrak{R}$ $\mathfrak{L}$	
minimum elong	-3219 Dec 01 j 22:06	16° $\mathfrak{M}$ 34'16	2°55'14	inferior conj	-3218 Nov 16 j 01:51	29° $\mathfrak{L}$ 52'13	2°13'27
min. Earth dist.	-3219 Dec 03 j 12:03	14° $\mathfrak{M}$ 35'03	0.65650 AU	minimum elong	-3218 Nov 15 j 23:10	0° $\mathfrak{M}$ 01'08	2°12'27
morning rise	-3219 Dec 07 j 11:27	10° $\mathfrak{M}$ 14'48		min. Earth dist.	-3218 Nov 16 j 23:47	28° $\mathfrak{L}$ 39'30	0.66583 AU
direct	-3219 Dec 13 j 22:23	7° $\mathfrak{M}$ 26'26		morning rise	-3218 Nov 21 j 08:22	23° $\mathfrak{L}$ 38'44	
morning max el	-3219 Dec 26 j 17:49	14° $\mathfrak{M}$ 56'26	26°29'09	direct	-3218 Nov 27 j 05:26	21° $\mathfrak{L}$ 03'49	
desc. node	-3218 Jan 03 j 04:58	23° $\mathfrak{M}$ 26'59		morning max el	-3218 Dec 09 j 02:34	28° $\mathfrak{L}$ 06'56	25°16'02
	-3218 Jan 08 j 03:43	0° $\mathfrak{N}$			-3218 Dec 10 j 21:51	0° $\mathfrak{M}$	
	-3218 Jan 27 j 02:14	0° $\mathfrak{Z}$		desc. node	-3218 Dec 21 j 01:59	12° $\mathfrak{M}$ 36'02	
morning set	-3218 Jan 31 j 18:58	8° $\mathfrak{Z}$ 36'45			-3217 Jan 01 j 21:32	0° $\mathfrak{N}$	
max. Earth dist.	-3218 Feb 04 j 23:31	16° $\mathfrak{Z}$ 42'04	1.34990 AU	morning set	-3217 Jan 14 j 08:14	20° $\mathfrak{N}$ 58'07	
				max. Earth dist.	-3217 Jan 18 j 01:46	27° $\mathfrak{N}$ 48'51	1.36666 AU
					-3217 Jan 19 j 05:38	0° $\mathfrak{Z}$	
superior conj	-3218 Feb 09 j 12:18	25° $\mathfrak{Z}$ 50'52	-1°20'29				
minimum elong	-3218 Feb 09 j 15:29	26° $\mathfrak{Z}$ 07'13	1°20'07	superior conj	-3217 Jan 24 j 03:06	9° $\mathfrak{Z}$ 29'06	-1°39'33
	-3218 Feb 11 j 12:29	0° $\mathfrak{X}$		minimum elong	-3217 Jan 24 j 06:15	9° $\mathfrak{Z}$ 44'44	1°39'21
evening rise	-3218 Feb 17 j 03:35	11° $\mathfrak{X}$ 43'12		evening rise	-3217 Feb 01 j 07:34	25° $\mathfrak{Z}$ 58'55	
asc. node	-3218 Feb 18 j 05:38	13° $\mathfrak{X}$ 56'45			-3217 Feb 03 j 07:48	0° $\mathfrak{X}$	
	-3218 Feb 26 j 18:54	0° $\mathfrak{X}$		asc. node	-3217 Feb 05 j 02:40	3° $\mathfrak{X}$ 29'39	
evening max el	-3218 Mar 08 j 05:33	12° $\mathfrak{X}$ 25'55	20°49'55	evening max el	-3217 Feb 18 j 17:55	24° $\mathfrak{X}$ 06'52	19°39'56
retrograde	-3218 Mar 19 j 12:37	17° $\mathfrak{X}$ 49'30		retrograde	-3217 Feb 28 j 08:01	28° $\mathfrak{X}$ 40'21	
evening set	-3218 Mar 21 j 20:24	17° $\mathfrak{X}$ 36'41		evening set	-3217 Mar 02 j 14:57	28° $\mathfrak{X}$ 25'57	
inferior conj	-3218 Mar 31 j 00:14	13° $\mathfrak{X}$ 38'59	0°19'18	inferior conj	-3217 Mar 11 j 03:36	24° $\mathfrak{X}$ 22'23	2°05'17
minimum elong	-3218 Mar 31 j 01:08	13° $\mathfrak{X}$ 37'43	0°18'57	minimum elong	-3217 Mar 11 j 08:11	24° $\mathfrak{X}$ 15'08	2°03'52
min. Earth dist.	-3218 Apr 01 j 01:23	13° $\mathfrak{X}$ 02'58	0.55217 AU	min. Earth dist.	-3217 Mar 13 j 15:47	22° $\mathfrak{X}$ 47'35	0.56081 AU
desc. node	-3218 Apr 01 j 03:55	12° $\mathfrak{X}$ 59'21		desc. node	-3217 Mar 19 j 01:01	20° $\mathfrak{X}$ 01'04	
morning rise	-3218 Apr 09 j 04:55	9° $\mathfrak{X}$ 26'46		morning rise	-3217 Mar 19 j 22:55	19° $\mathfrak{X}$ 42'03	
direct	-3218 Apr 12 j 11:09	9° $\mathfrak{X}$ 03'37		direct	-3217 Mar 24 j 06:55	18° $\mathfrak{X}$ 59'59	
morning max el	-3218 Apr 25 j 14:38	15° $\mathfrak{X}$ 25'59	22°48'20	morning max el	-3217 Apr 07 j 06:19	26° $\mathfrak{X}$ 02'14	24°27'50
	-3218 May 06 j 22:06	0° $\mathfrak{Y}$			-3217 Apr 11 j 00:07	0° $\mathfrak{X}$	
asc. node	-3218 May 17 j 05:09	19° $\mathfrak{Y}$ 12'31			-3217 Apr 29 j 15:48	0° $\mathfrak{Y}$	
morning set	-3218 May 18 j 00:30	20° $\mathfrak{Y}$ 53'05		morning set	-3217 May 02 j 12:37	5° $\mathfrak{Y}$ 54'26	
	-3218 May 22 j 07:41	0° $\mathfrak{X}$		asc. node	-3217 May 04 j 02:10	9° $\mathfrak{Y}$ 13'13	
superior conj	-3218 May 25 j 04:56	6° $\mathfrak{X}$ 09'23	1°14'42	superior conj	-3217 May 09 j 13:30	21° $\mathfrak{Y}$ 02'38	0°54'24
minimum elong	-3218 May 25 j 02:19	5° $\mathfrak{X}$ 55'32	1°14'23	minimum elong	-3217 May 09 j 11:21	20° $\mathfrak{Y}$ 50'57	0°54'02
max. Earth dist.	-3218 May 27 j 21:44	11° $\mathfrak{X}$ 50'31	1.34086 AU	max. Earth dist.	-3217 May 11 j 03:20	24° $\mathfrak{Y}$ 26'41	1.33215 AU
evening rise	-3218 Jun 01 j 23:17	22° $\mathfrak{X}$ 07'17			-3217 May 13 j 18:00	0° $\mathfrak{X}$	
	-3218 Jun 06 j 01:59	0° $\mathfrak{I}$		evening rise	-3217 May 16 j 21:27	6° $\mathfrak{X}$ 30'02	
	-3218 Jun 24 j 15:21	0° $\mathfrak{D}$			-3217 May 29 j 15:24	0° $\mathfrak{I}$	
desc. node	-3218 Jun 28 j 02:54	4° $\mathfrak{D}$ 35'35		desc. node	-3217 Jun 14 j 23:56	22° $\mathfrak{I}$ 53'23	
evening max el	-3218 Jul 06 j 08:19	13° $\mathfrak{D}$ 50'14	27°16'13	evening max el	-3217 Jun 18 j 18:06	26° $\mathfrak{I}$ 47'49	27°24'31
retrograde	-3218 Jul 19 j 19:08	21° $\mathfrak{D}$ 12'58			-3217 Jun 22 j 11:10	0° $\mathfrak{D}$	
evening set	-3218 Jul 26 j 20:11	18° $\mathfrak{D}$ 26'32		retrograde	-3217 Jul 02 j 12:22	4° $\mathfrak{D}$ 10'10	
min. Earth dist.	-3218 Jul 30 j 13:35	14° $\mathfrak{D}$ 53'56	0.64609 AU	evening set	-3217 Jul 09 j 16:21	1° $\mathfrak{D}$ 36'20	
inferior conj	-3218 Aug 01 j 19:13	12° $\mathfrak{D}$ 26'18	-3°20'20		-3217 Jul 11 j 16:57	30° $\mathfrak{R}$ $\mathfrak{I}$	
minimum elong	-3218 Aug 01 j 23:11	12° $\mathfrak{D}$ 15'22	3°19'10	min. Earth dist.	-3217 Jul 13 j 06:21	28° $\mathfrak{I}$ 34'27	0.62989 AU
morning rise	-3218 Aug 08 j 02:48	6° $\mathfrak{D}$ 56'56		inferior conj	-3217 Jul 16 j 01:33	25° $\mathfrak{I}$ 48'38	-3°57'19

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3217 Jul 16 j 05:07	25° $\Pi$ 39'47	3°56'35	minimum elong	-3216 Jun 27 j 20:44	8° $\Pi$ 45'15	4°20'07
morning rise	-3217 Jul 22 j 18:55	20° $\Pi$ 37'40		morning rise	-3216 Jul 04 j 23:29	3° $\Pi$ 59'27	
direct	-3217 Jul 25 j 09:33	20° $\Pi$ 05'37		direct	-3216 Jul 07 j 12:26	3° $\Pi$ 33'18	
asc. node	-3217 Jul 31 j 01:31	22° $\Pi$ 37'05		morning max el	-3216 Jul 14 j 13:32	7° $\Pi$ 01'53	18°03'29
morning max el	-3217 Aug 01 j 00:20	23° $\Pi$ 29'55	17°55'47	asc. node	-3216 Jul 16 j 22:35	9° $\Pi$ 39'21	
	-3217 Aug 06 j 04:15	0° $\mathfrak{C}$			-3216 Jul 29 j 07:55	0° $\mathfrak{C}$	
morning set	-3217 Aug 17 j 13:55	19° $\mathfrak{C}$ 15'09		morning set	-3216 Jul 30 j 13:43	2° $\mathfrak{C}$ 17'36	
	-3217 Aug 23 j 17:08	0° $\mathcal{O}$					
superior conj	-3217 Aug 29 j 07:06	9° $\mathcal{O}$ 30'46	1°15'34	superior conj	-3216 Aug 09 j 17:48	20° $\mathfrak{C}$ 47'22	1°38'20
minimum elong	-3217 Aug 29 j 12:41	9° $\mathcal{O}$ 54'07	1°15'04	minimum elong	-3216 Aug 09 j 21:27	21° $\mathfrak{C}$ 03'27	1°38'11
max. Earth dist.	-3217 Sep 04 j 21:14	20° $\mathcal{O}$ 21'30	1.43435 AU		-3216 Aug 15 j 01:33	0° $\mathcal{O}$	
desc. node	-3217 Sep 10 j 23:21	0° $\mathfrak{M}$ 03'16		max. Earth dist.	-3216 Aug 17 j 06:54	3° $\mathcal{O}$ 44'17	1.41844 AU
	-3217 Sep 10 j 22:31	0° $\mathfrak{M}$		evening rise	-3216 Aug 23 j 06:30	13° $\mathcal{O}$ 30'21	
evening rise	-3217 Sep 13 j 17:13	4° $\mathfrak{M}$ 20'16		desc. node	-3216 Aug 27 j 20:21	20° $\mathcal{O}$ 42'54	
	-3217 Sep 30 j 20:14	0° $\mathfrak{L}$			-3216 Sep 02 j 22:40	0° $\mathfrak{M}$	
evening max el	-3217 Oct 13 j 09:52	16° $\mathfrak{L}$ 08'34	21°04'15	evening max el	-3216 Sep 25 j 03:57	29° $\mathfrak{M}$ 34'31	22°19'59
retrograde	-3217 Oct 21 j 20:59	21° $\mathfrak{L}$ 09'19			-3216 Sep 25 j 14:09	0° $\mathfrak{L}$	
evening set	-3217 Oct 25 j 21:16	19° $\mathfrak{L}$ 38'11		retrograde	-3216 Oct 04 j 16:22	5° $\mathfrak{L}$ 13'53	
asc. node	-3217 Oct 27 j 00:34	18° $\mathfrak{L}$ 39'05		evening set	-3216 Oct 09 j 05:10	3° $\mathfrak{L}$ 24'11	
inferior conj	-3217 Oct 31 j 06:24	13° $\mathfrak{L}$ 27'05	1°25'15		-3216 Oct 12 j 09:31	30° $\mathfrak{R}$ $\mathfrak{M}$	
minimum elong	-3217 Oct 31 j 04:32	13° $\mathfrak{L}$ 33'29	1°24'29	asc. node	-3216 Oct 12 j 21:40	29° $\mathfrak{M}$ 20'32	
min. Earth dist.	-3217 Oct 31 j 16:47	12° $\mathfrak{L}$ 51'32	0.67176 AU	inferior conj	-3216 Oct 14 j 12:51	27° $\mathfrak{M}$ 07'05	0°33'33
morning rise	-3217 Nov 05 j 11:38	7° $\mathfrak{L}$ 12'17		minimum elong	-3216 Oct 14 j 12:05	27° $\mathfrak{M}$ 09'46	0°33'14
direct	-3217 Nov 10 j 17:25	4° $\mathfrak{L}$ 57'02		min. Earth dist.	-3216 Oct 14 j 12:42	27° $\mathfrak{M}$ 07'36	0.67447 AU
morning max el	-3217 Nov 21 j 11:20	11° $\mathfrak{L}$ 21'36	23°51'33	morning rise	-3216 Oct 19 j 18:53	20° $\mathfrak{M}$ 53'29	
	-3217 Dec 06 j 08:20	0° $\mathfrak{M}$		direct	-3216 Oct 24 j 09:38	19° $\mathfrak{M}$ 00'06	
desc. node	-3217 Dec 07 j 23:00	2° $\mathfrak{M}$ 17'59		morning max el	-3216 Nov 02 j 22:51	24° $\mathfrak{M}$ 40'43	22°25'11
	-3217 Dec 25 j 16:31	0° $\mathfrak{X}$			-3216 Nov 07 j 16:10	0° $\mathfrak{L}$	
morning set	-3217 Dec 26 j 22:34	2° $\mathfrak{X}$ 07'36		desc. node	-3216 Nov 23 j 20:01	22° $\mathfrak{L}$ 23'22	
max. Earth dist.	-3217 Dec 30 j 21:53	9° $\mathfrak{X}$ 02'10	1.38661 AU		-3216 Nov 28 j 20:16	0° $\mathfrak{M}$	
				morning set	-3216 Dec 06 j 08:47	11° $\mathfrak{M}$ 54'17	
superior conj	-3216 Jan 07 j 05:14	22° $\mathfrak{X}$ 25'18	-1°52'28	max. Earth dist.	-3216 Dec 11 j 19:28	20° $\mathfrak{M}$ 55'21	1.40732 AU
minimum elong	-3216 Jan 07 j 07:15	22° $\mathfrak{X}$ 34'46	1°52'30		-3216 Dec 17 j 01:47	0° $\mathfrak{X}$	
	-3216 Jan 11 j 04:08	0° $\mathfrak{Z}$		superior conj	-3216 Dec 19 j 13:52	4° $\mathfrak{X}$ 26'56	-1°56'04
evening rise	-3216 Jan 16 j 04:35	9° $\mathfrak{Z}$ 48'17		minimum elong	-3216 Dec 19 j 13:10	4° $\mathfrak{X}$ 23'50	1°56'10
asc. node	-3216 Jan 22 j 23:43	22° $\mathfrak{Z}$ 38'34		evening rise	-3216 Dec 29 j 15:39	23° $\mathfrak{X}$ 04'14	
	-3216 Jan 27 j 11:38	0° $\mathfrak{A}$			-3215 Jan 02 j 08:46	0° $\mathfrak{Z}$	
evening max el	-3216 Feb 01 j 16:14	6° $\mathfrak{A}$ 22'44	18°49'14	asc. node	-3215 Jan 08 j 20:46	11° $\mathfrak{Z}$ 15'39	
retrograde	-3216 Feb 09 j 20:13	10° $\mathfrak{A}$ 19'10		evening max el	-3215 Jan 14 j 22:11	19° $\mathfrak{Z}$ 07'06	18°18'39
evening set	-3216 Feb 12 j 06:21	9° $\mathfrak{A}$ 59'44		retrograde	-3215 Jan 22 j 03:00	22° $\mathfrak{Z}$ 42'06	
inferior conj	-3216 Feb 20 j 01:13	5° $\mathfrak{A}$ 39'10	3°17'42	evening set	-3215 Jan 24 j 16:32	22° $\mathfrak{Z}$ 15'56	
minimum elong	-3216 Feb 20 j 05:32	5° $\mathfrak{A}$ 31'14	3°16'46	inferior conj	-3215 Jan 31 j 19:31	17° $\mathfrak{Z}$ 34'33	3°53'34
min. Earth dist.	-3216 Feb 23 j 07:45	3° $\mathfrak{A}$ 16'17	0.57656 AU	minimum elong	-3215 Jan 31 j 21:20	17° $\mathfrak{Z}$ 30'38	3°53'19
morning rise	-3216 Feb 28 j 02:09	0° $\mathfrak{A}$ 29'06		min. Earth dist.	-3215 Feb 04 j 04:11	14° $\mathfrak{Z}$ 43'33	0.59612 AU
	-3216 Feb 29 j 07:41	30° $\mathfrak{R}$ $\mathfrak{Z}$		morning rise	-3215 Feb 08 j 00:11	12° $\mathfrak{Z}$ 01'34	
direct	-3216 Mar 04 j 15:16	29° $\mathfrak{Z}$ 14'31		direct	-3215 Feb 14 j 12:06	10° $\mathfrak{Z}$ 07'52	
desc. node	-3216 Mar 04 j 22:08	29° $\mathfrak{Z}$ 14'43		desc. node	-3215 Feb 19 j 19:14	11° $\mathfrak{Z}$ 18'49	
	-3216 Mar 08 j 23:52	0° $\mathfrak{A}$		morning max el	-3215 Feb 28 j 18:04	17° $\mathfrak{Z}$ 46'39	27°06'11
morning max el	-3216 Mar 18 j 21:45	6° $\mathfrak{A}$ 40'21	25°58'44		-3215 Mar 10 j 23:00	0° $\mathfrak{A}$	
	-3216 Apr 05 j 02:24	0° $\mathfrak{H}$			-3215 Mar 28 j 13:41	0° $\mathfrak{H}$	
morning set	-3216 Apr 16 j 00:23	20° $\mathfrak{H}$ 55'04		morning set	-3215 Mar 31 j 10:04	5° $\mathfrak{H}$ 48'47	
asc. node	-3216 Apr 19 j 23:10	29° $\mathfrak{H}$ 22'19		asc. node	-3215 Apr 06 j 20:12	19° $\mathfrak{H}$ 35'36	
	-3216 Apr 20 j 06:06	0° $\mathfrak{Y}$		max. Earth dist.	-3215 Apr 07 j 04:09	20° $\mathfrak{H}$ 19'05	1.32524 AU
superior conj	-3216 Apr 23 j 00:31	6° $\mathfrak{Y}$ 02'44	0°31'33	superior conj	-3215 Apr 07 j 12:18	21° $\mathfrak{H}$ 03'45	0°07'03
minimum elong	-3216 Apr 22 j 23:10	5° $\mathfrak{Y}$ 55'21	0°31'16	minimum elong	-3215 Apr 07 j 11:59	21° $\mathfrak{H}$ 02'01	0°06'58
max. Earth dist.	-3216 Apr 23 j 14:43	7° $\mathfrak{Y}$ 20'18	1.32699 AU	behind sun begin	-3215 Apr 07 j 07:28	20° $\mathfrak{H}$ 37'17	
evening rise	-3216 Apr 30 j 02:18	21° $\mathfrak{Y}$ 12'28		behind sun end	-3215 Apr 07 j 16:31	21° $\mathfrak{H}$ 26'47	
	-3216 May 04 j 11:23	0° $\mathfrak{B}$			-3215 Apr 11 j 14:38	0° $\mathfrak{Y}$	
	-3216 May 22 j 22:07	0° $\mathfrak{I}$		evening rise	-3215 Apr 14 j 11:23	6° $\mathfrak{Y}$ 06'21	
evening max el	-3216 May 30 j 23:25	9° $\mathfrak{I}$ 08'53	27°00'13		-3215 Apr 27 j 03:43	0° $\mathfrak{B}$	
desc. node	-3216 May 31 j 21:02	9° $\mathfrak{I}$ 59'18		evening max el	-3215 May 12 j 22:25	20° $\mathfrak{B}$ 47'00	26°04'02
retrograde	-3216 Jun 13 j 22:34	16° $\mathfrak{I}$ 29'08		desc. node	-3215 May 18 j 18:06	25° $\mathfrak{B}$ 23'59	
evening set	-3216 Jun 20 j 19:40	14° $\mathfrak{I}$ 21'38		retrograde	-3215 May 27 j 00:26	28° $\mathfrak{B}$ 03'20	
min. Earth dist.	-3216 Jun 24 j 12:58	11° $\mathfrak{I}$ 38'18	0.61070 AU	evening set	-3215 Jun 02 j 02:12	26° $\mathfrak{B}$ 32'47	
inferior conj	-3216 Jun 27 j 18:56	8° $\mathfrak{I}$ 49'11	-4°20'20	min. Earth dist.	-3215 Jun 06 j 11:04	23° $\mathfrak{B}$ 50'51	0.59023 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3215 Jun 09 j 19:43	21° <b>8</b> 19'01	-4°21'14	inferior conj	-3214 May 22 j 00:55	3° <b>8</b> 09'38	-3°49'26
minimum elong	-3215 Jun 09 j 18:14	21° <b>8</b> 21'49	4°21'05	minimum elong	-3214 May 21 j 19:50	3° <b>8</b> 18'00	3°48'29
morning rise	-3215 Jun 17 j 12:49	16° <b>8</b> 51'20			-3214 May 27 j 11:30	30° <b>8</b> °	
direct	-3215 Jun 20 j 01:02	16° <b>8</b> 29'57		morning rise	-3214 May 30 j 07:38	29° <b>8</b> °01'12	
morning max el	-3215 Jun 27 j 22:01	20° <b>8</b> 14'42	18°30'50	direct	-3214 Jun 01 j 19:36	28° <b>8</b> °43'32	
asc. node	-3215 Jul 03 j 19:38	27° <b>8</b> 37'13			-3214 Jun 06 j 20:09	0° <b>8</b>	
	-3215 Jul 05 j 07:53	0° <b>II</b>		morning max el	-3214 Jun 10 j 22:52	2° <b>8</b> 58'42	19°18'38
morning set	-3215 Jul 14 j 02:41	15° <b>II</b> 59'32		asc. node	-3214 Jun 20 j 16:41	16° <b>8</b> 17'52	
	-3215 Jul 21 j 10:14	0° <b>8</b>			-3214 Jun 27 j 22:44	0° <b>II</b>	
				morning set	-3214 Jun 28 j 01:06	0° <b>II</b> 11'44	
superior conj	-3215 Jul 23 j 03:39	3° <b>8</b> 13'43	1°48'04	superior conj	-3214 Jul 06 j 06:55	16° <b>II</b> 33'45	1°47'26
minimum elong	-3215 Jul 23 j 04:41	3° <b>8</b> 18'31	1°48'09	minimum elong	-3214 Jul 06 j 05:54	16° <b>II</b> 28'48	1°47'32
max. Earth dist.	-3215 Jul 30 j 10:40	16° <b>8</b> 21'39	1.39940 AU	max. Earth dist.	-3214 Jul 12 j 12:25	28° <b>II</b> 21'41	1.37987 AU
evening rise	-3215 Aug 03 j 18:42	23° <b>8</b> 45'46			-3214 Jul 13 j 09:56	0° <b>8</b>	
	-3215 Aug 07 j 13:38	0° <b>8</b>		evening rise	-3214 Jul 16 j 08:49	5° <b>8</b> 17'13	
desc. node	-3215 Aug 14 j 17:21	11° <b>8</b> 14'01			-3214 Jul 31 j 13:38	0° <b>8</b>	
	-3215 Aug 27 j 19:28	0° <b>8</b>		desc. node	-3214 Aug 01 j 14:20	1° <b>8</b> 31'54	
evening max el	-3215 Sep 07 j 17:14	13° <b>8</b> °01'29	23°40'32	evening max el	-3214 Aug 21 j 04:20	26° <b>8</b> 32'11	24°59'03
retrograde	-3215 Sep 18 j 08:46	19° <b>8</b> 18'49			-3214 Aug 25 j 02:19	0° <b>8</b>	
evening set	-3215 Sep 23 j 11:38	17° <b>8</b> °09'53		retrograde	-3214 Sep 01 j 21:06	3° <b>8</b> 20'35	
inferior conj	-3215 Sep 28 j 19:26	10° <b>8</b> 50'21	-0°20'01	evening set	-3214 Sep 07 j 14:55	0° <b>8</b> 53'38	
minimum elong	-3215 Sep 28 j 19:54	10° <b>8</b> 48'45	0°19'46		-3214 Sep 08 j 13:48	30° <b>8</b> °	
min. Earth dist.	-3215 Sep 28 j 09:05	11° <b>8</b> 25'45	0.67414 AU	min. Earth dist.	-3214 Sep 12 j 03:28	25° <b>8</b> 44'40	0.67075 AU
asc. node	-3215 Sep 29 j 18:45	9° <b>8</b> 31'16		inferior conj	-3214 Sep 13 j 00:26	24° <b>8</b> 35'24	-1°13'48
morning rise	-3215 Oct 04 j 04:07	4° <b>8</b> 40'47		minimum elong	-3214 Sep 13 j 02:12	24° <b>8</b> 29'36	1°13'01
direct	-3215 Oct 08 j 05:15	3° <b>8</b> °08'32		asc. node	-3214 Sep 16 j 15:50	20° <b>8</b> 10'49	
morning max el	-3215 Oct 16 j 16:02	8° <b>8</b> °06'40	21°04'35	morning rise	-3214 Sep 18 j 13:30	18° <b>8</b> 32'53	
	-3215 Nov 02 j 05:33	0° <b>8</b>		direct	-3214 Sep 22 j 03:02	17° <b>8</b> 19'21	
desc. node	-3215 Nov 10 j 17:00	12° <b>8</b> 44'59		morning max el	-3214 Sep 29 j 16:27	21° <b>8</b> 41'24	19°55'14
morning set	-3215 Nov 15 j 16:35	20° <b>8</b> 27'56			-3214 Oct 06 j 10:59	0° <b>8</b>	
	-3215 Nov 21 j 16:44	0° <b>8</b>		morning set	-3214 Oct 25 j 14:26	28° <b>8</b> 40'09	
max. Earth dist.	-3215 Nov 23 j 23:14	3° <b>8</b> 40'45	1.42599 AU		-3214 Oct 26 j 11:02	0° <b>8</b>	
				desc. node	-3214 Oct 28 j 13:59	3° <b>8</b> 18'03	
superior conj	-3215 Nov 30 j 23:13	15° <b>8</b> 19'42	-1°46'25	max. Earth dist.	-3214 Nov 06 j 10:19	17° <b>8</b> 13'57	1.44004 AU
minimum elong	-3215 Nov 30 j 18:38	15° <b>8</b> 00'13	1°46'13				
	-3215 Dec 09 j 09:24	0° <b>8</b>		superior conj	-3214 Nov 11 j 05:20	24° <b>8</b> 56'08	-1°20'08
evening rise	-3215 Dec 12 j 12:58	5° <b>8</b> 37'49		minimum elong	-3214 Nov 10 j 22:06	24° <b>8</b> 26'47	1°19'27
asc. node	-3215 Dec 26 j 17:50	29° <b>8</b> 10'15			-3214 Nov 14 j 07:50	0° <b>8</b>	
	-3215 Dec 27 j 09:42	0° <b>8</b>		evening rise	-3214 Nov 24 j 16:05	17° <b>8</b> 20'41	
evening max el	-3215 Dec 29 j 08:53	2° <b>8</b> 11'12	18°07'54		-3214 Dec 02 j 02:49	0° <b>8</b>	
retrograde	-3214 Jan 05 j 01:06	5° <b>8</b> 38'34		evening max el	-3214 Dec 12 j 21:32	15° <b>8</b> 28'14	18°16'17
evening set	-3214 Jan 07 j 17:55	5° <b>8</b> °04'35		asc. node	-3214 Dec 13 j 14:53	16° <b>8</b> 10'19	
inferior conj	-3214 Jan 14 j 07:59	0° <b>8</b> °02'00	4°00'10	retrograde	-3214 Dec 19 j 10:18	18° <b>8</b> 59'57	
minimum elong	-3214 Jan 14 j 07:17	0° <b>8</b> °03'44	4°00'02	evening set	-3214 Dec 22 j 07:01	18° <b>8</b> 16'55	
	-3214 Jan 14 j 08:48	30° <b>8</b> °		inferior conj	-3214 Dec 28 j 10:58	12° <b>8</b> 54'16	3°45'55
min. Earth dist.	-3214 Jan 17 j 07:53	27° <b>8</b> °06'56	0.61629 AU	minimum elong	-3214 Dec 28 j 08:36	13° <b>8</b> °00'45	3°45'28
morning rise	-3214 Jan 20 j 19:26	24° <b>8</b> 13'45		min. Earth dist.	-3214 Dec 30 j 20:51	10° <b>8</b> 15'44	0.63460 AU
direct	-3214 Jan 27 j 19:15	21° <b>8</b> 46'26		morning rise	-3213 Jan 03 j 09:33	6° <b>8</b> 55'39	
desc. node	-3214 Feb 06 j 16:19	25° <b>8</b> 51'58		direct	-3213 Jan 10 j 10:23	4° <b>8</b> °08'36	
morning max el	-3214 Feb 10 j 20:28	29° <b>8</b> 31'32	27°40'12	morning max el	-3213 Jan 24 j 03:35	11° <b>8</b> 53'54	27°37'49
	-3214 Feb 11 j 07:56	0° <b>8</b>		desc. node	-3213 Jan 24 j 13:24	12° <b>8</b> 18'25	
	-3214 Mar 04 j 20:10	0° <b>8</b>			-3213 Feb 07 j 14:29	0° <b>8</b>	
morning set	-3214 Mar 15 j 15:40	20° <b>8</b> 27'16			-3213 Feb 25 j 05:18	0° <b>8</b>	
	-3214 Mar 20 j 04:47	0° <b>8</b>		morning set	-3213 Feb 27 j 14:45	4° <b>8</b> 42'20	
max. Earth dist.	-3214 Mar 21 j 15:39	3° <b>8</b> °07'51	1.32697 AU	max. Earth dist.	-3213 Mar 04 j 21:26	15° <b>8</b> 33'47	1.33253 AU
superior conj	-3214 Mar 22 j 23:07	5° <b>8</b> 58'40	-0°18'20	superior conj	-3213 Mar 07 j 07:15	20° <b>8</b> 41'29	-0°43'36
minimum elong	-3214 Mar 22 j 23:57	6° <b>8</b> °03'12	0°18'11	minimum elong	-3213 Mar 07 j 09:12	20° <b>8</b> 51'56	0°43'17
asc. node	-3214 Mar 24 j 17:13	9° <b>8</b> 48'01		asc. node	-3213 Mar 11 j 14:14	29° <b>8</b> 55'30	
evening rise	-3214 Mar 29 j 22:37	21° <b>8</b> °03'22			-3213 Mar 11 j 15:04	0° <b>8</b>	
	-3214 Apr 03 j 07:40	0° <b>8</b>		evening rise	-3213 Mar 14 j 10:13	5° <b>8</b> 57'13	
	-3214 Apr 22 j 21:15	0° <b>8</b>			-3213 Mar 27 j 09:15	0° <b>8</b>	
evening max el	-3214 Apr 24 j 15:47	1° <b>8</b> 47'07	24°43'02	evening max el	-3213 Apr 06 j 07:42	12° <b>8</b> °28'51	23°09'32
desc. node	-3214 May 05 j 15:10	8° <b>8</b> 30'50		retrograde	-3213 Apr 19 j 17:38	19° <b>8</b> °06'31	
retrograde	-3214 May 08 j 15:35	8° <b>8</b> 51'54		desc. node	-3213 Apr 22 j 12:17	18° <b>8</b> °49'32	
evening set	-3214 May 13 j 11:07	7° <b>8</b> 59'13		evening set	-3213 Apr 23 j 05:07	18° <b>8</b> °40'03	
min. Earth dist.	-3214 May 19 j 03:52	5° <b>8</b> °02'38	0.57127 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3213 Apr 30 j 18:09	15° $\Upsilon$ 17'27	0.55733 AU	minimum elong	-3212 Apr 11 j 05:09	24° $\text{H}$ 59'21	0°48'01
inferior conj	-3213 May 02 j 10:38	14° $\Upsilon$ 18'14	-2°36'40	min. Earth dist.	-3212 Apr 11 j 07:48	24° $\text{H}$ 55'38	0.55137 AU
minimum elong	-3213 May 02 j 04:38	14° $\Upsilon$ 27'03	2°34'55	morning rise	-3212 Apr 20 j 11:56	20° $\text{H}$ 55'14	
morning rise	-3213 May 11 j 06:36	10° $\Upsilon$ 20'59		direct	-3212 Apr 23 j 08:50	20° $\text{H}$ 37'04	
direct	-3213 May 13 j 20:03	10° $\Upsilon$ 05'07		morning max el	-3212 May 05 j 17:32	26° $\text{H}$ 29'11	21°52'59
morning max el	-3213 May 24 j 13:37	15° $\Upsilon$ 04'41	20°26'46		-3212 May 09 j 01:40	0° $\Upsilon$	
	-3213 Jun 04 j 13:10	0° $\text{Z}$		asc. node	-3212 May 24 j 10:45	25° $\Upsilon$ 07'49	
asc. node	-3213 Jun 07 j 13:43	5° $\text{Z}$ 30'45		morning set	-3212 May 26 j 15:22	29° $\Upsilon$ 37'04	
morning set	-3213 Jun 12 j 06:05	14° $\text{Z}$ 46'22			-3212 May 26 j 19:48	0° $\text{Z}$	
superior conj	-3213 Jun 19 j 22:39	0° $\text{II}$ 33'12	1°39'02	superior conj	-3212 Jun 02 j 23:10	15° $\text{Z}$ 01'22	1°24'53
minimum elong	-3213 Jun 19 j 20:26	0° $\text{II}$ 21'57	1°38'58	minimum elong	-3212 Jun 02 j 20:32	14° $\text{Z}$ 47'32	1°24'37
	-3213 Jun 19 j 16:07	0° $\text{II}$		max. Earth dist.	-3212 Jun 06 j 09:48	22° $\text{Z}$ 08'18	1.34757 AU
max. Earth dist.	-3213 Jun 24 j 18:36	10° $\text{II}$ 08'52	1.36213 AU		-3212 Jun 10 j 08:29	0° $\text{II}$	
evening rise	-3213 Jun 28 j 20:57	17° $\text{II}$ 54'46		evening rise	-3212 Jun 11 j 01:53	1° $\text{II}$ 24'18	
	-3213 Jul 05 j 16:24	0° $\text{E}$			-3212 Jun 27 j 15:46	0° $\text{E}$	
desc. node	-3213 Jul 19 j 11:19	21° $\text{E}$ 29'58		desc. node	-3212 Jul 05 j 08:21	10° $\text{E}$ 59'50	
	-3213 Jul 25 j 18:42	0° $\text{O}$		evening max el	-3212 Jul 16 j 02:54	23° $\text{E}$ 32'33	26°58'02
evening max el	-3213 Aug 03 j 15:24	10° $\text{O}$ 04'45	26°07'35		-3212 Jul 25 j 03:44	0° $\text{O}$	
retrograde	-3213 Aug 16 j 04:39	17° $\text{O}$ 13'41		retrograde	-3212 Jul 29 j 07:02	0° $\text{O}$ 52'17	
evening set	-3213 Aug 22 j 12:59	14° $\text{O}$ 32'39			-3212 Aug 02 j 03:47	30° $\text{R}$ $\text{E}$	
min. Earth dist.	-3213 Aug 26 j 17:21	10° $\text{O}$ 01'19	0.66409 AU	evening set	-3212 Aug 05 j 03:29	28° $\text{E}$ 04'29	
inferior conj	-3213 Aug 28 j 02:02	8° $\text{O}$ 19'06	-2°06'08	min. Earth dist.	-3212 Aug 09 j 00:24	24° $\text{E}$ 11'24	0.65382 AU
minimum elong	-3213 Aug 28 j 04:57	8° $\text{O}$ 09'58	2°04'58	inferior conj	-3212 Aug 10 j 22:10	21° $\text{E}$ 58'45	-2°54'55
morning rise	-3213 Sep 02 j 21:05	2° $\text{O}$ 27'02		minimum elong	-3212 Aug 11 j 01:55	21° $\text{E}$ 47'51	2°53'39
asc. node	-3213 Sep 03 j 12:54	2° $\text{O}$ 05'30		morning rise	-3212 Aug 17 j 00:47	16° $\text{E}$ 20'22	
direct	-3213 Sep 06 j 01:18	1° $\text{O}$ 29'05		direct	-3212 Aug 19 j 21:57	15° $\text{E}$ 34'47	
morning max el	-3213 Sep 12 j 23:41	5° $\text{O}$ 23'37	19°00'14	asc. node	-3212 Aug 20 j 10:00	15° $\text{E}$ 36'10	
	-3213 Sep 30 j 05:51	0° $\text{P}$		morning max el	-3212 Aug 26 j 12:00	19° $\text{E}$ 10'44	18°21'25
morning set	-3213 Oct 05 j 01:58	7° $\text{P}$ 37'49			-3212 Sep 03 j 14:44	0° $\text{O}$	
desc. node	-3213 Oct 15 j 10:55	23° $\text{P}$ 58'05		morning set	-3212 Sep 14 j 16:07	17° $\text{O}$ 54'22	
	-3213 Oct 19 j 06:52	0° $\text{A}$			-3212 Sep 22 j 02:31	0° $\text{P}$	
max. Earth dist.	-3213 Oct 20 j 02:54	1° $\text{A}$ 18'58	1.44765 AU	superior conj	-3212 Sep 29 j 11:50	11° $\text{P}$ 47'59	0°11'43
superior conj	-3213 Oct 21 j 11:44	3° $\text{A}$ 28'27	-0°37'53	minimum elong	-3212 Sep 29 j 13:20	11° $\text{P}$ 53'56	0°11'34
minimum elong	-3213 Oct 21 j 06:55	3° $\text{A}$ 09'26	0°37'17	behind sun begin	-3212 Sep 29 j 05:23	11° $\text{P}$ 22'28	
evening rise	-3213 Nov 05 j 20:30	28° $\text{A}$ 03'47		behind sun end	-3212 Sep 29 j 21:16	12° $\text{P}$ 25'23	
	-3213 Nov 07 j 01:06	0° $\text{M}$		desc. node	-3212 Oct 01 j 07:51	14° $\text{P}$ 42'03	
evening max el	-3213 Nov 26 j 09:22	28° $\text{M}$ 51'48	18°42'56	max. Earth dist.	-3212 Oct 01 j 21:25	15° $\text{P}$ 35'32	1.44799 AU
	-3213 Nov 27 j 13:44	0° $\text{J}$			-3212 Oct 11 j 01:36	0° $\text{A}$	
asc. node	-3213 Nov 30 j 11:57	2° $\text{J}$ 00'51		evening rise	-3212 Oct 16 j 00:17	7° $\text{A}$ 44'37	
retrograde	-3213 Dec 03 j 02:38	2° $\text{J}$ 38'09		greatest brilliancy	-3212 Oct 26 j 21:38	24° $\text{A}$ 41'57	-0.7m
evening set	-3213 Dec 06 j 04:31	1° $\text{J}$ 44'31			-3212 Oct 30 j 09:45	0° $\text{M}$	
	-3213 Dec 08 j 11:19	30° $\text{K}$ $\text{M}$		evening max el	-3212 Nov 08 j 17:59	12° $\text{M}$ 17'48	19°26'28
inferior conj	-3213 Dec 12 j 00:44	26° $\text{M}$ 04'10	3°17'20	retrograde	-3212 Nov 15 j 22:51	16° $\text{M}$ 27'45	
minimum elong	-3213 Dec 11 j 21:41	26° $\text{M}$ 13'20	3°16'31	asc. node	-3212 Nov 16 j 09:02	16° $\text{M}$ 26'43	
min. Earth dist.	-3213 Dec 13 j 19:39	23° $\text{M}$ 55'03	0.64957 AU	evening set	-3212 Nov 19 j 07:40	15° $\text{M}$ 21'30	
morning rise	-3213 Dec 17 j 14:31	19° $\text{M}$ 57'54		inferior conj	-3212 Nov 24 j 22:11	9° $\text{M}$ 26'27	2°38'51
direct	-3213 Dec 24 j 08:04	17° $\text{M}$ 06'32		minimum elong	-3212 Nov 24 j 19:13	9° $\text{M}$ 36'04	2°37'51
morning max el	-3212 Jan 06 j 13:02	24° $\text{M}$ 44'37	27°02'11	min. Earth dist.	-3212 Nov 26 j 03:15	7° $\text{M}$ 52'44	0.66087 AU
desc. node	-3212 Jan 11 j 10:27	0° $\text{J}$ 05'43		morning rise	-3212 Nov 30 j 06:31	3° $\text{M}$ 14'50	
	-3212 Jan 11 j 08:31	0° $\text{J}$		direct	-3212 Dec 06 j 11:44	0° $\text{M}$ 31'30	
	-3212 Feb 01 j 00:17	0° $\text{Z}$		morning max el	-3212 Dec 18 j 22:34	7° $\text{M}$ 51'35	26°00'11
morning set	-3212 Feb 11 j 04:16	18° $\text{Z}$ 24'08		desc. node	-3212 Dec 28 j 07:29	18° $\text{M}$ 49'54	
max. Earth dist.	-3212 Feb 15 j 17:59	27° $\text{Z}$ 27'46	1.34230 AU		-3211 Jan 05 j 07:18	0° $\text{J}$	
	-3212 Feb 16 j 23:47	0° $\approx$			-3211 Jan 23 j 10:41	0° $\text{Z}$	
superior conj	-3212 Feb 19 j 10:44	5° $\approx$ 05'46	-1°07'42	morning set	-3211 Jan 24 j 03:56	1° $\text{Z}$ 19'28	
minimum elong	-3212 Feb 19 j 13:35	5° $\approx$ 20'43	1°07'18	max. Earth dist.	-3211 Jan 28 j 02:54	8° $\text{Z}$ 48'26	1.35653 AU
asc. node	-3212 Feb 26 j 11:15	19° $\approx$ 53'54		superior conj	-3211 Feb 02 j 07:02	19° $\text{Z}$ 03'15	-1°29'08
evening rise	-3212 Feb 26 j 20:27	20° $\approx$ 41'50		minimum elong	-3211 Feb 02 j 10:19	19° $\text{Z}$ 19'52	1°28'51
	-3212 Mar 02 j 11:04	0° $\text{H}$			-3211 Feb 07 j 15:02	0° $\approx$	
evening max el	-3212 Mar 18 j 04:20	23° $\text{H}$ 19'28	21°37'37	evening rise	-3211 Feb 10 j 03:21	5° $\approx$ 10'10	
retrograde	-3212 Mar 30 j 09:12	29° $\text{H}$ 13'09		asc. node	-3211 Feb 12 j 08:17	9° $\approx$ 37'53	
evening set	-3212 Apr 01 j 22:58	28° $\text{H}$ 58'13			-3211 Feb 24 j 07:25	0° $\text{H}$	
desc. node	-3212 Apr 08 j 09:23	26° $\text{H}$ 32'06		evening max el	-3211 Feb 28 j 10:23	4° $\text{H}$ 39'16	20°17'53
inferior conj	-3212 Apr 11 j 07:26	24° $\text{H}$ 56'09	-0°48'48	retrograde	-3211 Mar 11 j 00:01	9° $\text{H}$ 41'07	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3211 Mar 13 j 06:21	9° $\text{H}$ 28'14		retrograde	-3210 Feb 20 j 01:54	20° $\approx$ 52'00	
inferior conj	-3211 Mar 22 j 04:25	5° $\text{H}$ 29'26	1°07'24	evening set	-3210 Feb 22 j 09:48	20° $\approx$ 35'55	
minimum elong	-3211 Mar 22 j 07:19	5° $\text{H}$ 25'08	1°06'22	inferior conj	-3210 Mar 02 j 14:54	16° $\approx$ 26'11	2°40'35
min. Earth dist.	-3211 Mar 23 j 21:54	4° $\text{H}$ 28'00	0.55477 AU	minimum elong	-3210 Mar 02 j 19:48	16° $\approx$ 17'56	2°39'15
desc. node	-3211 Mar 26 j 06:31	3° $\text{H}$ 08'38		min. Earth dist.	-3210 Mar 05 j 13:08	14° $\approx$ 28'48	0.56678 AU
morning rise	-3211 Mar 31 j 06:37	1° $\text{H}$ 06'24		morning rise	-3210 Mar 11 j 03:01	11° $\approx$ 32'15	
direct	-3211 Apr 03 j 22:25	0° $\text{H}$ 37'11		desc. node	-3210 Mar 13 j 03:37	10° $\approx$ 56'30	
morning max el	-3211 Apr 17 j 12:30	7° $\text{H}$ 18'15	23°30'47	direct	-3210 Mar 15 j 23:26	10° $\approx$ 37'46	
	-3211 May 03 j 17:14	0° $\text{Y}$		morning max el	-3210 Mar 30 j 03:31	17° $\approx$ 52'42	25°08'21
morning set	-3211 May 11 j 02:58	14° $\text{Y}$ 36'18			-3210 Apr 09 j 03:29	0° $\text{H}$	
asc. node	-3211 May 11 j 07:46	15° $\text{Y}$ 01'29		morning set	-3210 Apr 25 j 15:08	29° $\text{H}$ 38'07	
					-3210 Apr 25 j 19:18	0° $\text{Y}$	
superior conj	-3211 May 18 j 05:30	29° $\text{Y}$ 47'51	1°06'29	asc. node	-3210 Apr 28 j 04:48	5° $\text{Y}$ 06'28	
minimum elong	-3211 May 18 j 03:02	29° $\text{Y}$ 34'37	1°06'06				
	-3211 May 18 j 07:46	0° $\text{B}$		superior conj	-3210 May 02 j 15:23	14° $\text{Y}$ 45'08	0°44'59
max. Earth dist.	-3211 May 20 j 10:29	4° $\text{B}$ 29'59	1.33670 AU	minimum elong	-3210 May 02 j 13:31	14° $\text{Y}$ 35'03	0°44'38
evening rise	-3211 May 25 j 18:51	15° $\text{B}$ 30'52		max. Earth dist.	-3210 May 03 j 18:46	17° $\text{Y}$ 13'48	1.32954 AU
	-3211 Jun 02 j 10:35	0° $\text{II}$		evening rise	-3210 May 09 j 20:12	0° $\text{B}$ 03'12	
desc. node	-3211 Jun 22 j 05:25	29° $\text{II}$ 48'41			-3210 May 09 j 19:35	0° $\text{B}$	
	-3211 Jun 22 j 09:10	0° $\text{B}$			-3210 May 26 j 12:30	0° $\text{II}$	
evening max el	-3211 Jun 28 j 13:39	6° $\text{B}$ 43'49	27°23'24	desc. node	-3210 Jun 09 j 02:31	17° $\text{II}$ 39'02	
retrograde	-3211 Jul 12 j 03:59	14° $\text{B}$ 07'18		evening max el	-3210 Jun 10 j 21:44	19° $\text{II}$ 26'47	27°18'09
evening set	-3211 Jul 19 j 07:25	11° $\text{B}$ 24'09		retrograde	-3210 Jun 24 j 18:43	26° $\text{II}$ 49'09	
min. Earth dist.	-3211 Jul 22 j 22:41	8° $\text{B}$ 06'01	0.63966 AU	evening set	-3210 Jul 01 j 20:58	24° $\text{II}$ 24'48	
inferior conj	-3211 Jul 25 j 10:21	5° $\text{B}$ 28'55	-3°37'22	min. Earth dist.	-3210 Jul 05 j 11:11	21° $\text{II}$ 32'34	0.62199 AU
minimum elong	-3211 Jul 25 j 14:17	5° $\text{B}$ 18'31	3°36'20	inferior conj	-3210 Jul 08 j 11:36	18° $\text{II}$ 42'54	-4°09'14
morning rise	-3211 Jul 31 j 21:59	0° $\text{B}$ 07'22		minimum elong	-3210 Jul 08 j 14:37	18° $\text{II}$ 35'49	4°08'44
	-3211 Aug 01 j 05:00	30° $\text{R}$ $\text{II}$		morning rise	-3210 Jul 15 j 09:36	13° $\text{II}$ 40'47	
direct	-3211 Aug 03 j 14:19	29° $\text{II}$ 31'12		direct	-3210 Jul 17 j 23:09	13° $\text{II}$ 11'36	
	-3211 Aug 05 j 23:27	0° $\text{B}$		morning max el	-3210 Jul 24 j 17:30	16° $\text{II}$ 36'48	17°56'40
asc. node	-3211 Aug 07 j 07:05	0° $\text{B}$ 39'58		asc. node	-3210 Jul 25 j 04:09	17° $\text{II}$ 03'36	
morning max el	-3211 Aug 10 j 02:52	2° $\text{B}$ 57'19	17°59'56		-3210 Aug 03 j 04:18	0° $\text{B}$	
morning set	-3211 Aug 27 j 08:53	29° $\text{B}$ 27'13		morning set	-3210 Aug 09 j 22:59	12° $\text{B}$ 01'20	
	-3211 Aug 27 j 16:31	0° $\text{Q}$			-3210 Aug 20 j 02:33	0° $\text{Q}$	
superior conj	-3211 Sep 09 j 03:59	20° $\text{Q}$ 58'07	0°55'55	superior conj	-3210 Aug 20 j 23:07	1° $\text{Q}$ 28'22	1°26'58
minimum elong	-3211 Sep 09 j 09:24	21° $\text{Q}$ 20'12	0°55'20	minimum elong	-3210 Aug 21 j 04:05	1° $\text{Q}$ 49'40	1°26'36
max. Earth dist.	-3211 Sep 14 j 14:10	29° $\text{Q}$ 43'32	1.44111 AU	max. Earth dist.	-3210 Aug 28 j 02:35	13° $\text{Q}$ 25'52	1.42807 AU
	-3211 Sep 14 j 18:17	0° $\text{H}$		evening rise	-3210 Sep 04 j 14:52	25° $\text{Q}$ 26'59	
desc. node	-3211 Sep 18 j 04:50	5° $\text{H}$ 27'08		desc. node	-3210 Sep 05 j 01:49	26° $\text{Q}$ 09'52	
evening rise	-3211 Sep 25 j 08:58	16° $\text{H}$ 38'06			-3210 Sep 07 j 13:05	0° $\text{H}$	
	-3211 Oct 04 j 02:55	0° $\text{A}$			-3210 Sep 28 j 03:13	0° $\text{A}$	
evening max el	-3211 Oct 22 j 21:32	25° $\text{A}$ 44'18	20°24'59	evening max el	-3210 Oct 05 j 19:03	9° $\text{A}$ 10'24	21°35'38
	-3211 Oct 28 j 15:41	0° $\text{M}$		retrograde	-3210 Oct 14 j 16:45	14° $\text{A}$ 27'37	
retrograde	-3211 Oct 30 j 20:14	0° $\text{M}$ 25'16		evening set	-3210 Oct 18 j 22:01	12° $\text{A}$ 49'01	
	-3211 Nov 01 j 22:41	30° $\text{R}$ $\text{A}$		asc. node	-3210 Oct 21 j 03:13	10° $\text{A}$ 39'01	
asc. node	-3211 Nov 03 j 06:07	29° $\text{A}$ 18'00		inferior conj	-3210 Oct 24 j 06:21	6° $\text{A}$ 35'00	1°03'39
evening set	-3211 Nov 03 j 14:10	29° $\text{A}$ 04'03		minimum elong	-3210 Oct 24 j 04:55	6° $\text{A}$ 39'56	1°03'03
inferior conj	-3211 Nov 09 j 00:47	22° $\text{A}$ 57'47	1°53'33	min. Earth dist.	-3210 Oct 24 j 12:15	6° $\text{A}$ 14'40	0.67324 AU
minimum elong	-3211 Nov 08 j 22:24	23° $\text{A}$ 05'49	1°52'38	morning rise	-3210 Oct 29 j 11:39	0° $\text{A}$ 20'10	
min. Earth dist.	-3211 Nov 09 j 17:38	22° $\text{A}$ 00'56	0.66866 AU		-3210 Oct 29 j 21:26	30° $\text{R}$ $\text{H}$	
morning rise	-3211 Nov 14 j 06:26	16° $\text{A}$ 43'11		direct	-3210 Nov 03 j 10:58	28° $\text{H}$ 13'55	
direct	-3211 Nov 19 j 20:56	14° $\text{A}$ 16'13			-3210 Nov 08 j 13:19	0° $\text{A}$	
morning max el	-3211 Dec 01 j 07:17	21° $\text{A}$ 04'57	24°41'00	morning max el	-3210 Nov 13 j 16:39	4° $\text{A}$ 20'29	23°14'28
	-3211 Dec 09 j 00:47	0° $\text{M}$		desc. node	-3210 Dec 02 j 01:28	28° $\text{A}$ 06'58	
desc. node	-3211 Dec 15 j 04:29	8° $\text{M}$ 14'21			-3210 Dec 03 j 08:10	0° $\text{M}$	
	-3211 Dec 29 j 13:00	0° $\text{J}$		morning set	-3210 Dec 18 j 11:01	23° $\text{M}$ 47'23	
morning set	-3210 Jan 06 j 08:19	13° $\text{J}$ 12'55			-3210 Dec 22 j 02:53	0° $\text{J}$	
max. Earth dist.	-3210 Jan 10 j 01:38	19° $\text{J}$ 53'29	1.37478 AU	max. Earth dist.	-3210 Dec 22 j 20:50	1° $\text{J}$ 17'36	1.39544 AU
	-3210 Jan 15 j 10:58	0° $\text{B}$					
superior conj	-3210 Jan 16 j 16:59	2° $\text{B}$ 25'05	-1°45'57	superior conj	-3210 Dec 30 j 12:16	14° $\text{J}$ 59'20	-1°55'23
minimum elong	-3210 Jan 16 j 19:49	2° $\text{B}$ 38'52	1°45'51	minimum elong	-3210 Dec 30 j 13:20	15° $\text{J}$ 04'14	1°55'28
evening rise	-3210 Jan 25 j 04:44	19° $\text{B}$ 15'46			-3209 Jan 07 j 10:18	0° $\text{B}$	
asc. node	-3210 Jan 30 j 05:20	29° $\text{B}$ 01'43		evening rise	-3209 Jan 08 j 21:50	2° $\text{B}$ 51'03	
	-3210 Jan 30 j 17:53	0° $\approx$		asc. node	-3209 Jan 17 j 02:23	17° $\text{B}$ 57'51	
evening max el	-3210 Feb 11 j 03:13	16° $\approx$ 35'57	19°15'59	evening max el	-3209 Jan 25 j 05:10	29° $\text{B}$ 04'53	18°33'51
					-3209 Jan 26 j 05:30	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3209 Feb 01 j 21:46	2° $\approx$ 49'55		evening rise	-3209 Dec 23 j 03:29	15° $\approx$ 49'32	
evening set	-3209 Feb 04 j 09:28	2° $\approx$ 27'45			-3209 Dec 31 j 00:26	0° $\approx$	
	-3209 Feb 09 j 04:27	30° $\approx$ 3		asc. node	-3208 Jan 03 j 23:24	6° $\approx$ 17'53	
inferior conj	-3209 Feb 11 j 21:17	27° $\approx$ 58'54	3°37'00	evening max el	-3208 Jan 08 j 13:28	11° $\approx$ 58'23	18°11'41
minimum elong	-3209 Feb 12 j 00:40	27° $\approx$ 52'16	3°36'25	retrograde	-3208 Jan 15 j 11:29	15° $\approx$ 28'15	
min. Earth dist.	-3209 Feb 15 j 06:40	25° $\approx$ 21'01	0.58463 AU	evening set	-3208 Jan 18 j 02:33	14° $\approx$ 58'43	
morning rise	-3209 Feb 19 j 13:28	22° $\approx$ 38'12		inferior conj	-3208 Jan 24 j 23:38	10° $\approx$ 08'03	3°59'25
direct	-3209 Feb 25 j 13:45	21° $\approx$ 06'44		minimum elong	-3208 Jan 25 j 00:18	10° $\approx$ 06'31	3°59'18
desc. node	-3209 Feb 28 j 00:42	21° $\approx$ 21'50		min. Earth dist.	-3208 Jan 28 j 05:29	7° $\approx$ 12'43	0.60485 AU
morning max el	-3209 Mar 11 j 20:22	28° $\approx$ 39'18	26°30'57	morning rise	-3208 Jan 31 j 20:30	4° $\approx$ 28'08	
	-3209 Mar 13 j 04:30	0° $\approx$		direct	-3208 Feb 07 j 15:03	2° $\approx$ 18'58	
	-3209 Apr 02 j 17:00	0° $\approx$		desc. node	-3208 Feb 14 j 21:46	4° $\approx$ 33'02	
morning set	-3209 Apr 10 j 02:14	14° $\approx$ 36'27		morning max el	-3208 Feb 21 j 19:01	10° $\approx$ 00'09	27°25'10
asc. node	-3209 Apr 15 j 01:51	25° $\approx$ 17'57			-3208 Mar 08 j 06:51	0° $\approx$	
				morning set	-3208 Mar 24 j 10:24	29° $\approx$ 24'16	
superior conj	-3209 Apr 17 j 02:56	29° $\approx$ 46'29	0°21'19		-3208 Mar 24 j 17:18	0° $\approx$	
minimum elong	-3209 Apr 17 j 02:00	29° $\approx$ 41'22	0°21'07	max. Earth dist.	-3208 Mar 30 j 20:33	13° $\approx$ 07'33	1.32554 AU
	-3209 Apr 17 j 05:24	0° $\approx$					
max. Earth dist.	-3209 Apr 17 j 07:23	0° $\approx$ 10'54	1.32583 AU	superior conj	-3208 Mar 31 j 14:28	14° $\approx$ 45'23	-0°03'41
evening rise	-3209 Apr 24 j 03:08	14° $\approx$ 51'46		minimum elong	-3208 Mar 31 j 14:37	14° $\approx$ 46'17	0°03'40
	-3209 May 01 j 19:59	0° $\approx$		behind sun begin	-3208 Mar 31 j 09:43	14° $\approx$ 19'26	
	-3209 May 22 j 12:01	0° $\approx$		behind sun end	-3208 Mar 31 j 19:32	15° $\approx$ 13'09	
evening max el	-3209 May 24 j 00:45	1° $\approx$ 31'11	26°40'02	asc. node	-3208 Mar 31 j 22:51	15° $\approx$ 31'15	
desc. node	-3209 May 26 j 23:35	4° $\approx$ 06'32		evening rise	-3208 Apr 07 j 13:21	29° $\approx$ 47'55	
retrograde	-3209 Jun 07 j 01:39	8° $\approx$ 49'49			-3208 Apr 07 j 15:39	0° $\approx$	
evening set	-3209 Jun 13 j 15:54	6° $\approx$ 57'33			-3208 Apr 24 j 07:33	0° $\approx$	
min. Earth dist.	-3209 Jun 17 j 14:11	4° $\approx$ 16'39	0.60199 AU	evening max el	-3208 May 04 j 21:15	12° $\approx$ 52'22	25°32'04
inferior conj	-3209 Jun 20 j 22:26	1° $\approx$ 32'25	-4°24'03	desc. node	-3208 May 12 j 20:41	18° $\approx$ 37'48	
minimum elong	-3209 Jun 20 j 23:01	1° $\approx$ 31'14	4°23'57	retrograde	-3208 May 18 j 22:53	20° $\approx$ 04'23	
	-3209 Jun 22 j 20:31	30° $\approx$ 8		evening set	-3208 May 24 j 12:58	18° $\approx$ 50'40	
morning rise	-3209 Jun 28 j 08:08	26° $\approx$ 51'45		min. Earth dist.	-3208 May 29 j 09:28	16° $\approx$ 04'23	0.58181 AU
direct	-3209 Jun 30 j 20:38	26° $\approx$ 27'46		inferior conj	-3208 Jun 01 j 15:11	13° $\approx$ 46'54	-4°12'24
morning max el	-3209 Jul 08 j 05:02	0° $\approx$ 01'58	18°12'34	minimum elong	-3208 Jun 01 j 12:05	13° $\approx$ 52'27	4°12'01
	-3209 Jul 08 j 04:13	0° $\approx$		morning rise	-3208 Jun 09 j 13:57	9° $\approx$ 27'52	
asc. node	-3209 Jul 12 j 01:13	4° $\approx$ 31'38		direct	-3208 Jun 12 j 02:13	9° $\approx$ 08'03	
morning set	-3209 Jul 24 j 04:59	25° $\approx$ 22'44		morning max el	-3208 Jun 20 j 10:33	13° $\approx$ 03'40	18°48'37
	-3209 Jul 26 j 15:54	0° $\approx$		asc. node	-3208 Jun 27 j 22:16	22° $\approx$ 49'19	
					-3208 Jul 02 j 01:14	0° $\approx$	
superior conj	-3209 Aug 02 j 20:22	13° $\approx$ 16'50	1°43'54	morning set	-3208 Jul 06 j 22:24	9° $\approx$ 19'13	
minimum elong	-3209 Aug 02 j 22:54	13° $\approx$ 28'13	1°43'53				
max. Earth dist.	-3209 Aug 10 j 09:41	26° $\approx$ 30'34	1.41061 AU	superior conj	-3208 Jul 15 j 14:20	26° $\approx$ 08'17	1°48'54
	-3209 Aug 12 j 11:28	0° $\approx$		minimum elong	-3208 Jul 15 j 14:24	26° $\approx$ 08'35	1°49'01
evening rise	-3209 Aug 15 j 12:59	5° $\approx$ 02'52			-3208 Jul 17 j 15:36	0° $\approx$	
desc. node	-3209 Aug 22 j 22:50	16° $\approx$ 04'56		max. Earth dist.	-3208 Jul 22 j 12:31	8° $\approx$ 52'43	1.39107 AU
	-3209 Aug 31 j 19:25	0° $\approx$		evening rise	-3208 Jul 26 j 12:25	15° $\approx$ 51'09	
evening max el	-3209 Sep 18 j 11:01	22° $\approx$ 37'29	22°54'06		-3208 Aug 04 j 03:16	0° $\approx$	
retrograde	-3209 Sep 28 j 10:51	28° $\approx$ 32'54		desc. node	-3208 Aug 08 j 19:51	7° $\approx$ 13'27	
evening set	-3209 Oct 03 j 05:29	26° $\approx$ 35'10			-3208 Aug 25 j 10:37	0° $\approx$	
asc. node	-3209 Oct 08 j 00:17	21° $\approx$ 00'52		evening max el	-3208 Aug 30 j 23:08	6° $\approx$ 06'17	24°14'34
inferior conj	-3209 Oct 08 j 13:04	20° $\approx$ 16'52	0°10'59	retrograde	-3208 Sep 11 j 01:29	12° $\approx$ 37'17	
minimum elong	-3209 Oct 08 j 12:48	20° $\approx$ 17'45	0°10'53	evening set	-3208 Sep 16 j 10:49	10° $\approx$ 20'13	
transit middle	-3209 Oct 08 j 12:48	20° $\approx$ 17'45	0°10'53	min. Earth dist.	-3208 Sep 21 j 04:21	4° $\approx$ 51'00	0.67317 AU
transit begin	-3209 Oct 08 j 10:48	20° $\approx$ 24'42		inferior conj	-3208 Sep 21 j 19:10	4° $\approx$ 00'59	-0°42'53
transit end	-3209 Oct 08 j 14:49	20° $\approx$ 10'48		minimum elong	-3208 Sep 21 j 20:11	3° $\approx$ 57'34	0°42'25
min. Earth dist.	-3209 Oct 08 j 08:39	20° $\approx$ 32'06	0.67476 AU	asc. node	-3208 Sep 23 j 21:22	1° $\approx$ 16'45	
morning rise	-3209 Oct 13 j 20:00	14° $\approx$ 04'38			-3208 Sep 24 j 23:29	30° $\approx$ 8	
direct	-3209 Oct 18 j 04:52	12° $\approx$ 20'13		morning rise	-3208 Sep 27 j 05:33	27° $\approx$ 54'19	
morning max el	-3209 Oct 27 j 06:06	17° $\approx$ 41'42	21°49'43	direct	-3208 Oct 01 j 01:31	26° $\approx$ 30'23	
	-3209 Nov 06 j 06:44	0° $\approx$			-3208 Oct 07 j 20:47	0° $\approx$	
desc. node	-3209 Nov 18 j 22:28	18° $\approx$ 20'07		morning max el	-3208 Oct 09 j 02:20	1° $\approx$ 11'39	20°33'28
	-3209 Nov 26 j 11:48	0° $\approx$			-3208 Oct 30 j 01:35	0° $\approx$	
morning set	-3209 Nov 28 j 08:53	2° $\approx$ 58'41		desc. node	-3208 Nov 04 j 19:28	8° $\approx$ 47'29	
max. Earth dist.	-3209 Dec 04 j 20:43	13° $\approx$ 32'46	1.41576 AU	morning set	-3208 Nov 06 j 09:39	11° $\approx$ 15'16	
				max. Earth dist.	-3208 Nov 16 j 04:21	26° $\approx$ 42'42	1.43270 AU
					-3208 Nov 18 j 05:03	0° $\approx$	
superior conj	-3209 Dec 12 j 11:40	26° $\approx$ 33'17	-1°53'51				
minimum elong	-3209 Dec 12 j 09:23	26° $\approx$ 23'19	1°53'51				
	-3209 Dec 14 j 10:32	0° $\approx$		superior conj	-3208 Nov 22 j 09:38	6° $\approx$ 53'53	-1°37'24

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3208 Nov 22 j 03:32	6° $\mathbb{M}$ 28'28	1°36'59			-3207 Nov 10 j 20:02	0° $\mathbb{M}$	
evening rise	-3208 Dec 04 j 17:38	28° $\mathbb{M}$ 03'11		evening rise		-3207 Nov 16 j 11:36	9° $\mathbb{M}$ 21'47	
	-3208 Dec 05 j 20:14	0° $\mathbb{A}$				-3207 Nov 29 j 02:10	0° $\mathbb{A}$	
asc. node	-3208 Dec 20 j 20:26	23° $\mathbb{A}$ 51'08		evening max el		-3207 Dec 05 j 13:50	8° $\mathbb{A}$ 29'01	18°25'29
evening max el	-3208 Dec 22 j 01:18	25° $\mathbb{A}$ 08'52	18°09'08	asc. node		-3207 Dec 07 j 17:29	10° $\mathbb{A}$ 23'37	
retrograde	-3208 Dec 28 j 15:01	28° $\mathbb{A}$ 37'00		retrograde		-3207 Dec 12 j 03:50	12° $\mathbb{A}$ 06'13	
evening set	-3208 Dec 31 j 09:23	27° $\mathbb{A}$ 59'16		evening set		-3207 Dec 15 j 02:25	11° $\mathbb{A}$ 19'04	
inferior conj	-3207 Jan 06 j 18:47	22° $\mathbb{A}$ 47'35	3°56'15	inferior conj		-3207 Dec 21 j 02:48	5° $\mathbb{A}$ 48'31	3°35'15
minimum elong	-3207 Jan 06 j 17:15	22° $\mathbb{A}$ 51'33	3°56'01	minimum elong		-3207 Dec 21 j 00:02	5° $\mathbb{A}$ 56'26	3°34'38
min. Earth dist.	-3207 Jan 09 j 12:54	19° $\mathbb{A}$ 57'41	0.62437 AU	min. Earth dist.		-3207 Dec 23 j 06:17	3° $\mathbb{A}$ 21'11	0.64132 AU
morning rise	-3207 Jan 13 j 00:12	16° $\mathbb{A}$ 54'22		morning rise		-3207 Dec 26 j 21:08	29° $\mathbb{M}$ 46'03	
direct	-3207 Jan 20 j 01:26	14° $\mathbb{A}$ 17'08				-3207 Dec 26 j 14:29	30° $\mathbb{R}$ $\mathbb{M}$	
desc. node	-3207 Jan 31 j 18:50	19° $\mathbb{A}$ 59'17		direct		-3206 Jan 02 j 19:33	26° $\mathbb{M}$ 55'20	
morning max el	-3207 Feb 02 j 23:54	22° $\mathbb{A}$ 02'51	27°43'44			-3206 Jan 10 j 21:36	0° $\mathbb{A}$	
	-3207 Feb 10 j 00:43	0° $\mathbb{B}$		morning max el		-3206 Jan 16 j 08:33	4° $\mathbb{A}$ 39'40	27°26'27
	-3207 Mar 01 j 08:28	0° $\mathbb{A}$		desc. node		-3206 Jan 18 j 15:54	7° $\mathbb{A}$ 03'43	
morning set	-3207 Mar 08 j 13:34	13° $\mathbb{A}$ 54'26				-3206 Feb 04 j 14:40	0° $\mathbb{B}$	
max. Earth dist.	-3207 Mar 14 j 06:20	25° $\mathbb{A}$ 49'42	1.32884 AU	morning set		-3206 Feb 20 j 09:01	27° $\mathbb{B}$ 56'59	
						-3206 Feb 21 j 09:51	0° $\mathbb{A}$	
superior conj	-3207 Mar 16 j 00:21	29° $\mathbb{A}$ 36'08	-0°29'07	max. Earth dist.		-3206 Feb 25 j 08:34	8° $\mathbb{A}$ 02'48	1.33610 AU
minimum elong	-3207 Mar 16 j 01:40	29° $\mathbb{A}$ 43'17	0°28'53					
	-3207 Mar 16 j 04:45	0° $\mathbb{H}$		superior conj		-3206 Feb 28 j 06:44	14° $\mathbb{A}$ 11'49	-0°54'03
asc. node	-3207 Mar 18 j 19:51	5° $\mathbb{H}$ 42'22		minimum elong		-3206 Feb 28 j 09:07	14° $\mathbb{A}$ 24'26	0°53'41
evening rise	-3207 Mar 23 j 00:58	14° $\mathbb{H}$ 44'50		asc. node		-3206 Mar 05 j 16:51	25° $\mathbb{A}$ 46'27	
	-3207 Mar 30 j 17:45	0° $\mathbb{Y}$		evening rise		-3206 Mar 07 j 12:11	29° $\mathbb{A}$ 35'16	
evening max el	-3207 Apr 16 j 13:07	23° $\mathbb{Y}$ 41'10	24°03'54			-3206 Mar 07 j 16:54	0° $\mathbb{H}$	
	-3207 Apr 26 j 07:54	0° $\mathbb{B}$				-3206 Mar 25 j 05:36	0° $\mathbb{Y}$	
desc. node	-3207 Apr 29 j 17:44	0° $\mathbb{B}$ 36'13		evening max el		-3206 Mar 29 j 06:06	4° $\mathbb{Y}$ 22'45	22°29'30
retrograde	-3207 Apr 30 j 08:34	0° $\mathbb{B}$ 37'05		retrograde		-3206 Apr 11 j 05:56	10° $\mathbb{Y}$ 44'12	
	-3207 May 04 j 10:25	30° $\mathbb{R}$ $\mathbb{Y}$		evening set		-3206 Apr 14 j 06:07	10° $\mathbb{Y}$ 24'19	
evening set	-3207 May 04 j 14:12	29° $\mathbb{Y}$ 57'08		desc. node		-3206 Apr 16 j 14:50	9° $\mathbb{Y}$ 42'50	
min. Earth dist.	-3207 May 11 j 00:34	26° $\mathbb{Y}$ 51'02	0.56454 AU	min. Earth dist.		-3206 Apr 22 j 14:37	6° $\mathbb{Y}$ 46'29	0.55364 AU
inferior conj	-3207 May 13 j 11:45	25° $\mathbb{Y}$ 19'19	-3°23'45	inferior conj		-3206 Apr 23 j 14:40	6° $\mathbb{Y}$ 12'13	-1°54'03
minimum elong	-3207 May 13 j 05:45	25° $\mathbb{Y}$ 28'40	3°22'20	minimum elong		-3206 Apr 23 j 09:44	6° $\mathbb{Y}$ 19'15	1°52'27
morning rise	-3207 May 22 j 00:22	21° $\mathbb{Y}$ 17'29		morning rise		-3206 May 02 j 15:11	2° $\mathbb{Y}$ 15'34	
direct	-3207 May 24 j 12:39	21° $\mathbb{Y}$ 00'55		direct		-3206 May 05 j 06:23	1° $\mathbb{Y}$ 59'36	
morning max el	-3207 Jun 03 j 07:23	25° $\mathbb{Y}$ 32'51	19°45'15	morning max el		-3206 May 16 j 17:35	7° $\mathbb{Y}$ 21'31	21°01'34
	-3207 Jun 07 j 07:36	0° $\mathbb{B}$				-3206 Jun 01 j 02:10	0° $\mathbb{B}$	
asc. node	-3207 Jun 14 j 19:20	11° $\mathbb{B}$ 45'02		asc. node		-3206 Jun 01 j 16:23	1° $\mathbb{B}$ 08'59	
morning set	-3207 Jun 20 j 23:56	23° $\mathbb{B}$ 42'08		morning set		-3206 Jun 05 j 07:00	8° $\mathbb{B}$ 24'09	
	-3207 Jun 24 j 02:40	0° $\mathbb{H}$						
superior conj	-3207 Jun 28 j 23:29	9° $\mathbb{H}$ 47'14	1°44'42	superior conj		-3206 Jun 12 j 19:23	24° $\mathbb{B}$ 00'20	1°33'39
minimum elong	-3207 Jun 28 j 21:51	9° $\mathbb{H}$ 39'09	1°44'43	minimum elong		-3206 Jun 12 j 16:54	23° $\mathbb{B}$ 47'34	1°33'29
max. Earth dist.	-3207 Jul 04 j 15:24	20° $\mathbb{H}$ 44'10	1.37201 AU	max. Earth dist.		-3206 Jun 15 j 18:07	0° $\mathbb{H}$	
evening rise	-3207 Jul 08 j 12:31	27° $\mathbb{H}$ 52'23		evening rise		-3206 Jun 17 j 00:37	2° $\mathbb{H}$ 32'04	1.35545 AU
	-3207 Jul 09 j 17:04	0° $\mathbb{B}$				-3206 Jun 21 j 08:26	10° $\mathbb{H}$ 54'01	
desc. node	-3207 Jul 26 j 16:50	27° $\mathbb{B}$ 24'03		desc. node		-3206 Jul 02 j 04:59	0° $\mathbb{B}$	
	-3207 Jul 28 j 12:11	0° $\mathbb{Q}$				-3206 Jul 13 j 13:51	17° $\mathbb{B}$ 11'42	
evening max el	-3207 Aug 13 j 09:49	19° $\mathbb{Q}$ 37'37	25°29'45	evening max el		-3206 Jul 23 j 19:45	0° $\mathbb{Q}$	
retrograde	-3207 Aug 25 j 11:56	26° $\mathbb{Q}$ 36'26		retrograde		-3206 Jul 26 j 21:00	3° $\mathbb{Q}$ 09'21	26°31'42
evening set	-3207 Aug 31 j 12:10	24° $\mathbb{Q}$ 02'28		evening set		-3206 Aug 08 j 17:36	10° $\mathbb{Q}$ 24'52	
min. Earth dist.	-3207 Sep 04 j 21:03	19° $\mathbb{Q}$ 09'30	0.66839 AU	min. Earth dist.		-3206 Aug 15 j 07:24	7° $\mathbb{Q}$ 39'47	
inferior conj	-3207 Sep 05 j 22:57	17° $\mathbb{Q}$ 45'42	-1°36'19	inferior conj		-3206 Aug 19 j 08:25	3° $\mathbb{Q}$ 24'43	0.66013 AU
minimum elong	-3207 Sep 06 j 01:13	17° $\mathbb{Q}$ 38'21	1°35'21	minimum elong		-3206 Aug 20 j 22:32	1° $\mathbb{Q}$ 28'54	-2°27'27
asc. node	-3207 Sep 10 j 18:28	12° $\mathbb{Q}$ 23'47				-3206 Aug 21 j 01:52	1° $\mathbb{Q}$ 18'46	2°26'11
morning rise	-3207 Sep 11 j 14:24	11° $\mathbb{Q}$ 47'29		morning rise		-3206 Aug 22 j 04:12	30° $\mathbb{R}$ $\mathbb{B}$	
direct	-3207 Sep 14 j 23:37	10° $\mathbb{Q}$ 41'10		asc. node		-3206 Aug 26 j 20:38	25° $\mathbb{B}$ 42'12	
morning max el	-3207 Sep 22 j 05:55	14° $\mathbb{Q}$ 50'27	19°29'55	direct		-3206 Aug 28 j 15:34	24° $\mathbb{B}$ 58'50	
	-3207 Oct 03 j 15:49	0° $\mathbb{H}$		morning max el		-3206 Aug 29 j 21:27	24° $\mathbb{B}$ 50'03	
morning set	-3207 Oct 16 j 10:43	19° $\mathbb{H}$ 39'55				-3206 Sep 05 j 15:39	28° $\mathbb{B}$ 36'02	18°41'38
desc. node	-3207 Oct 22 j 16:25	29° $\mathbb{H}$ 24'03		morning set		-3206 Sep 06 j 22:44	0° $\mathbb{Q}$	
	-3207 Oct 23 j 01:36	0° $\mathbb{B}$				-3206 Sep 26 j 09:00	29° $\mathbb{Q}$ 10'15	
max. Earth dist.	-3207 Oct 29 j 18:02	10° $\mathbb{B}$ 31'23	1.44409 AU	desc. node		-3206 Sep 26 j 21:25	0° $\mathbb{H}$	
						-3206 Oct 09 j 13:23	20° $\mathbb{H}$ 06'41	
superior conj	-3207 Nov 02 j 04:23	15° $\mathbb{B}$ 58'55	-1°03'49	superior conj		-3206 Oct 12 j 05:28	24° $\mathbb{H}$ 19'08	-0°17'00
minimum elong	-3207 Nov 01 j 21:25	15° $\mathbb{B}$ 31'06	1°03'03	minimum elong		-3206 Oct 12 j 03:13	24° $\mathbb{H}$ 10'17	0°16'41



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3206 Oct 12 j 11:21	24° $\mathbb{M}$ 42'17	1.44867 AU	max. Earth dist.	-3205 Sep 25 j 05:33	8° $\mathbb{M}$ 57'52	1.44595 AU
	-3206 Oct 15 j 20:03	0° $\mathbb{A}$		desc. node	-3205 Sep 26 j 10:21	10° $\mathbb{M}$ 51'46	
evening rise	-3206 Oct 28 j 05:32	19° $\mathbb{A}$ 38'29		evening rise	-3205 Oct 07 j 23:53	28° $\mathbb{M}$ 55'59	
	-3206 Nov 03 j 17:13	0° $\mathbb{M}$			-3205 Oct 08 j 16:24	0° $\mathbb{A}$	
evening max el	-3206 Nov 19 j 00:38	21° $\mathbb{M}$ 54'36	18°59'31	greatest brilliancy	-3205 Oct 20 j 20:33	18° $\mathbb{A}$ 39'41	-0.7m
asc. node	-3206 Nov 24 j 14:34	25° $\mathbb{M}$ 40'22			-3205 Oct 28 j 19:11	0° $\mathbb{M}$	
retrograde	-3206 Nov 25 j 22:07	25° $\mathbb{M}$ 50'02		evening max el	-3205 Nov 02 j 07:23	5° $\mathbb{M}$ 21'39	19°49'41
evening set	-3206 Nov 29 j 02:38	24° $\mathbb{M}$ 51'27		retrograde	-3205 Nov 09 j 18:59	9° $\mathbb{M}$ 43'28	
inferior conj	-3206 Dec 04 j 20:14	19° $\mathbb{M}$ 04'44	3°02'00	asc. node	-3205 Nov 11 j 11:41	9° $\mathbb{M}$ 26'51	
minimum elong	-3206 Dec 04 j 17:08	19° $\mathbb{M}$ 14'22	3°01'05	evening set	-3205 Nov 13 j 07:28	8° $\mathbb{M}$ 31'07	
min. Earth dist.	-3206 Dec 06 j 09:11	17° $\mathbb{M}$ 09'57	0.65484 AU	inferior conj	-3205 Nov 18 j 20:09	2° $\mathbb{M}$ 31'07	2°20'18
morning rise	-3206 Dec 10 j 07:18	12° $\mathbb{M}$ 55'52		minimum elong	-3205 Nov 18 j 17:22	2° $\mathbb{M}$ 40'16	2°19'18
direct	-3206 Dec 16 j 20:09	10° $\mathbb{M}$ 06'14		min. Earth dist.	-3205 Nov 19 j 19:52	1° $\mathbb{M}$ 13'01	0.66470 AU
morning max el	-3206 Dec 29 j 18:10	17° $\mathbb{M}$ 38'42	26°38'24		-3205 Nov 20 j 18:30	30° $\mathbb{R}$ $\mathbb{A}$	
desc. node	-3205 Jan 05 j 12:57	25° $\mathbb{M}$ 17'56		morning rise	-3205 Nov 24 j 03:04	26° $\mathbb{A}$ 18'09	
	-3205 Jan 09 j 04:21	0° $\mathbb{A}$		direct	-3205 Nov 30 j 02:20	23° $\mathbb{A}$ 40'51	
	-3205 Jan 28 j 12:13	0° $\mathbb{B}$			-3205 Dec 11 j 07:25	0° $\mathbb{M}$	
morning set	-3205 Feb 03 j 17:13	11° $\mathbb{B}$ 20'50		morning max el	-3205 Dec 12 j 03:06	0° $\mathbb{M}$ 48'29	25°27'53
max. Earth dist.	-3205 Feb 07 j 23:57	19° $\mathbb{B}$ 40'14	1.34780 AU	desc. node	-3205 Dec 23 j 09:58	14° $\mathbb{M}$ 20'54	
					-3204 Jan 03 j 04:17	0° $\mathbb{A}$	
superior conj	-3205 Feb 12 j 07:30	28° $\mathbb{B}$ 25'49	-1°17'13	morning set	-3204 Jan 17 j 09:23	23° $\mathbb{A}$ 51'37	
minimum elong	-3205 Feb 12 j 10:37	28° $\mathbb{B}$ 41'54	1°16'52		-3204 Jan 20 j 17:14	0° $\mathbb{B}$	
	-3205 Feb 13 j 01:42	0° $\mathbb{A}$		max. Earth dist.	-3204 Jan 21 j 03:51	0° $\mathbb{B}$ 50'03	1.36391 AU
evening rise	-3205 Feb 19 j 21:13	14° $\mathbb{A}$ 13'27					
asc. node	-3205 Feb 20 j 13:52	15° $\mathbb{A}$ 39'13		superior conj	-3204 Jan 26 j 23:52	12° $\mathbb{B}$ 09'39	-1°36'59
	-3205 Feb 28 j 00:44	0° $\mathbb{H}$		minimum elong	-3204 Jan 27 j 03:05	12° $\mathbb{B}$ 25'43	1°36'46
evening max el	-3205 Mar 11 j 06:29	15° $\mathbb{H}$ 24'24	21°01'48	evening rise	-3204 Feb 04 j 02:03	28° $\mathbb{B}$ 33'02	
retrograde	-3205 Mar 22 j 19:22	20° $\mathbb{H}$ 55'36			-3204 Feb 04 j 19:17	0° $\mathbb{A}$	
evening set	-3205 Mar 25 j 04:16	20° $\mathbb{H}$ 42'30		asc. node	-3204 Feb 07 j 10:54	5° $\mathbb{A}$ 15'32	
inferior conj	-3205 Apr 03 j 09:42	16° $\mathbb{H}$ 44'22	0°01'34	evening max el	-3204 Feb 21 j 17:17	27° $\mathbb{A}$ 00'22	19°49'13
minimum elong	-3205 Apr 03 j 09:47	16° $\mathbb{H}$ 44'16	0°01'30		-3204 Feb 25 j 15:15	0° $\mathbb{H}$	
transit middle	-3205 Apr 03 j 09:47	16° $\mathbb{H}$ 44'16	0°01'30	retrograde	-3204 Mar 02 j 13:16	1° $\mathbb{H}$ 40'51	
transit begin	-3205 Apr 03 j 05:42	16° $\mathbb{H}$ 50'04		evening set	-3204 Mar 04 j 19:55	1° $\mathbb{H}$ 26'57	
transit end	-3205 Apr 03 j 13:51	16° $\mathbb{H}$ 38'29			-3204 Mar 08 j 22:32	30° $\mathbb{R}$ $\mathbb{A}$	
desc. node	-3205 Apr 03 j 11:57	16° $\mathbb{H}$ 41'11		inferior conj	-3204 Mar 13 j 11:07	27° $\mathbb{A}$ 24'56	1°51'03
min. Earth dist.	-3205 Apr 04 j 04:39	16° $\mathbb{H}$ 17'28	0.55167 AU	minimum elong	-3204 Mar 13 j 15:23	27° $\mathbb{A}$ 18'18	1°49'40
morning rise	-3205 Apr 12 j 14:42	12° $\mathbb{H}$ 35'34		min. Earth dist.	-3204 Mar 15 j 18:53	25° $\mathbb{A}$ 58'40	0.55898 AU
direct	-3205 Apr 15 j 18:15	12° $\mathbb{H}$ 13'58		desc. node	-3204 Mar 20 j 09:03	23° $\mathbb{A}$ 32'42	
morning max el	-3205 Apr 28 j 17:10	18° $\mathbb{H}$ 28'52	22°33'43	morning rise	-3204 Mar 22 j 08:35	22° $\mathbb{A}$ 49'24	
	-3205 May 08 j 01:01	0° $\mathbb{Y}$		direct	-3204 Mar 26 j 12:11	22° $\mathbb{A}$ 11'09	
asc. node	-3205 May 19 j 13:24	20° $\mathbb{Y}$ 53'35		morning max el	-3204 Apr 09 j 09:33	29° $\mathbb{A}$ 08'09	24°13'12
morning set	-3205 May 20 j 17:26	23° $\mathbb{Y}$ 18'44			-3204 Apr 10 j 06:43	0° $\mathbb{H}$	
	-3205 May 23 j 21:29	0° $\mathbb{B}$			-3204 Apr 30 j 03:20	0° $\mathbb{Y}$	
superior conj	-3205 May 27 j 22:38	8° $\mathbb{B}$ 36'54	1°17'31	morning set	-3204 May 04 j 05:30	8° $\mathbb{Y}$ 20'21	
minimum elong	-3205 May 27 j 20:00	8° $\mathbb{B}$ 22'58	1°17'12	asc. node	-3204 May 05 j 10:25	10° $\mathbb{Y}$ 53'04	
max. Earth dist.	-3205 May 30 j 19:52	14° $\mathbb{B}$ 39'44	1.34248 AU	superior conj	-3204 May 11 j 06:43	23° $\mathbb{Y}$ 29'07	0°57'40
evening rise	-3205 Jun 04 j 18:58	24° $\mathbb{B}$ 40'52		minimum elong	-3204 May 11 j 04:28	23° $\mathbb{Y}$ 16'57	0°57'18
	-3205 Jun 07 j 13:19	0° $\mathbb{II}$		max. Earth dist.	-3204 May 13 j 00:26	27° $\mathbb{Y}$ 13'27	1.33323 AU
	-3205 Jun 25 j 16:53	0° $\mathbb{B}$			-3204 May 14 j 07:43	0° $\mathbb{B}$	
desc. node	-3205 Jun 30 j 10:55	6° $\mathbb{B}$ 25'59		evening rise	-3204 May 18 j 15:56	9° $\mathbb{B}$ 00'16	
evening max el	-3205 Jul 09 j 08:36	16° $\mathbb{B}$ 32'22	27°12'27		-3204 May 29 j 22:56	0° $\mathbb{II}$	
retrograde	-3205 Jul 22 j 17:49	23° $\mathbb{B}$ 54'20		desc. node	-3204 Jun 16 j 08:00	24° $\mathbb{II}$ 52'49	
evening set	-3205 Jul 29 j 17:50	21° $\mathbb{B}$ 07'18		evening max el	-3204 Jun 20 j 18:44	29° $\mathbb{II}$ 34'10	27°25'12
min. Earth dist.	-3205 Aug 02 j 12:07	17° $\mathbb{B}$ 29'28	0.64819 AU		-3204 Jun 21 j 05:39	0° $\mathbb{B}$	
inferior conj	-3205 Aug 04 j 15:39	15° $\mathbb{B}$ 05'36	-3°13'57	retrograde	-3204 Jul 04 j 11:55	6° $\mathbb{B}$ 56'38	
minimum elong	-3205 Aug 04 j 19:35	14° $\mathbb{B}$ 54'36	3°12'44	evening set	-3204 Jul 11 j 16:08	4° $\mathbb{B}$ 19'54	
morning rise	-3205 Aug 10 j 21:54	9° $\mathbb{B}$ 33'42		min. Earth dist.	-3204 Jul 15 j 06:18	1° $\mathbb{B}$ 14'12	0.63256 AU
direct	-3205 Aug 13 j 16:43	8° $\mathbb{B}$ 52'25			-3204 Jul 16 j 12:11	30° $\mathbb{R}$ $\mathbb{II}$	
asc. node	-3205 Aug 15 j 12:40	9° $\mathbb{B}$ 10'15		inferior conj	-3204 Jul 17 j 23:36	28° $\mathbb{II}$ 30'17	-3°52'30
morning max el	-3205 Aug 20 j 05:19	12° $\mathbb{B}$ 23'24	18°10'05	minimum elong	-3204 Jul 18 j 03:18	28° $\mathbb{II}$ 20'56	3°51'40
	-3205 Sep 01 j 10:58	0° $\mathbb{O}$		morning rise	-3204 Jul 24 j 15:26	23° $\mathbb{II}$ 16'29	
morning set	-3205 Sep 07 j 11:02	10° $\mathbb{O}$ 01'19		direct	-3204 Jul 27 j 06:29	22° $\mathbb{II}$ 43'24	
	-3205 Sep 19 j 14:46	0° $\mathbb{M}$		asc. node	-3204 Aug 01 j 09:45	24° $\mathbb{II}$ 50'04	
superior conj	-3205 Sep 21 j 10:07	2° $\mathbb{M}$ 54'00	0°31'45	morning max el	-3204 Aug 02 j 20:23	26° $\mathbb{II}$ 07'44	17°56'16
minimum elong	-3205 Sep 21 j 13:51	3° $\mathbb{M}$ 08'55	0°31'19	morning set	-3204 Aug 06 j 03:32	0° $\mathbb{B}$	
					-3204 Aug 19 j 13:37	22° $\mathbb{B}$ 02'38	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3204 Aug 24 j 03:03	0°♌		minimum elong	-3203 Aug 13 j 00:00	23°♊59'26	1°35'35
					-3203 Aug 16 j 11:30	0°♌	
superior conj	-3204 Aug 31 j 13:13	12°♌36'44	1°10'52	max. Earth dist.	-3203 Aug 20 j 07:37	6°♌27'12	1.42103 AU
minimum elong	-3204 Aug 31 j 18:52	13°♌00'15	1°10'20	evening rise	-3203 Aug 26 j 15:47	16°♌44'42	
max. Earth dist.	-3204 Sep 06 j 21:17	22°♌59'08	1.43631 AU	desc. node	-3203 Aug 30 j 04:22	22°♌17'13	
	-3204 Sep 11 j 06:53	0°♍			-3203 Sep 04 j 05:08	0°♍	
desc. node	-3204 Sep 12 j 07:21	1°♍36'25			-3203 Sep 26 j 01:13	0°♎	
evening rise	-3204 Sep 16 j 05:01	7°♍41'41		evening max el	-3203 Sep 28 j 03:22	2°♎14'23	22°08'17
	-3204 Oct 01 j 00:11	0°♎		retrograde	-3203 Oct 07 j 11:58	7°♎48'14	
evening max el	-3204 Oct 15 j 08:29	18°♎48'20	20°53'41	evening set	-3203 Oct 11 j 22:43	6°♎01'28	
retrograde	-3204 Oct 23 j 16:11	23°♎43'49		asc. node	-3203 Oct 15 j 05:51	2°♎29'15	
evening set	-3204 Oct 27 j 14:47	22°♎15'14		inferior conj	-3203 Oct 17 j 06:31	29°♎44'56	0°41'35
asc. node	-3204 Oct 28 j 08:46	21°♎38'13		minimum elong	-3203 Oct 17 j 05:34	29°♎48'14	0°41'10
inferior conj	-3204 Nov 02 j 00:15	16°♎05'13	1°32'50		-3203 Oct 17 j 02:10	30°♏	
minimum elong	-3204 Nov 01 j 22:14	16°♎12'05	1°32'01	min. Earth dist.	-3203 Oct 17 j 07:54	29°♏40'08	0.67421 AU
min. Earth dist.	-3204 Nov 02 j 12:14	15°♎24'17	0.67107 AU	morning rise	-3203 Oct 22 j 12:17	23°♏30'54	
morning rise	-3204 Nov 07 j 05:31	9°♎50'25		direct	-3203 Oct 27 j 05:11	21°♏34'14	
direct	-3204 Nov 12 j 13:31	7°♎32'08		morning max el	-3203 Nov 05 j 22:44	27°♏21'49	22°37'51
morning max el	-3204 Nov 23 j 11:49	14°♎03'07	24°04'30		-3203 Nov 08 j 09:32	0°♐	
	-3204 Dec 06 j 11:08	0°♑		desc. node	-3203 Nov 26 j 03:58	24°♐01'11	
desc. node	-3204 Dec 09 j 06:58	3°♑58'37			-3203 Nov 30 j 03:09	0°♑	
	-3204 Dec 26 j 01:45	0°♒		morning set	-3203 Dec 09 j 18:09	15°♑12'47	
morning set	-3204 Dec 29 j 03:34	5°♒13'10		max. Earth dist.	-3203 Dec 14 j 21:19	23°♑46'08	1.40428 AU
max. Earth dist.	-3203 Jan 02 j 00:34	12°♒00'48	1.38348 AU		-3203 Dec 18 j 12:00	0°♒	
superior conj	-3203 Jan 09 j 04:11	25°♒12'57	-1°51'03	superior conj	-3203 Dec 22 j 15:45	7°♒23'44	-1°56'19
minimum elong	-3203 Jan 09 j 06:27	25°♒23'46	1°51'03	minimum elong	-3203 Dec 22 j 15:34	7°♒22'56	1°56'24
	-3203 Jan 11 j 15:55	0°♓		evening rise	-3202 Jan 01 j 13:04	25°♒48'33	
evening rise	-3203 Jan 18 j 00:18	12°♓27'02			-3202 Jan 03 j 18:25	0°♓	
asc. node	-3203 Jan 24 j 07:57	24°♓28'44		asc. node	-3202 Jan 11 j 04:59	13°♓11'15	
	-3203 Jan 27 j 13:23	0°♈		evening max el	-3202 Jan 17 j 19:10	21°♓51'57	18°21'55
evening max el	-3203 Feb 03 j 14:11	9°♈11'16	18°55'32	retrograde	-3202 Jan 25 j 02:44	25°♓29'04	
retrograde	-3203 Feb 11 j 22:45	13°♈12'31		evening set	-3202 Jan 27 j 15:45	25°♓04'03	
evening set	-3203 Feb 14 j 08:14	12°♈54'03		inferior conj	-3202 Feb 03 j 20:56	20°♓26'03	3°50'12
inferior conj	-3203 Feb 22 j 05:43	8°♈36'23	3°09'09	minimum elong	-3202 Feb 03 j 23:11	20°♓21'21	3°49'53
minimum elong	-3203 Feb 22 j 10:16	8°♈28'12	3°08'06	min. Earth dist.	-3202 Feb 07 j 06:15	17°♓37'32	0.59310 AU
min. Earth dist.	-3203 Feb 25 j 10:35	6°♈19'34	0.57382 AU	morning rise	-3202 Feb 11 j 04:31	14°♓55'52	
morning rise	-3203 Mar 02 j 09:39	3°♈30'15		direct	-3202 Feb 17 j 13:45	13°♓07'46	
desc. node	-3203 Mar 07 j 06:08	2°♈21'57		desc. node	-3202 Feb 22 j 03:12	14°♓00'21	
direct	-3203 Mar 07 j 18:27	2°♈21'19		morning max el	-3202 Mar 03 j 20:06	20°♓45'30	26°58'03
morning max el	-3203 Mar 22 j 00:45	9°♈44'49	25°46'22		-3202 Mar 11 j 20:16	0°♈	
	-3203 Apr 06 j 08:26	0°♉			-3202 Mar 30 j 01:23	0°♉	
morning set	-3203 Apr 18 j 17:26	23°♉21'47		morning set	-3202 Apr 03 j 03:30	8°♉16'40	
	-3203 Apr 21 j 20:05	0°♊		asc. node	-3202 Apr 09 j 04:26	21°♉14'15	
asc. node	-3203 Apr 22 j 07:26	1°♊01'28					
superior conj	-3203 Apr 25 j 17:30	8°♊28'53	0°35'09	superior conj	-3202 Apr 10 j 05:14	23°♊30'00	0°10'50
minimum elong	-3203 Apr 25 j 16:00	8°♊20'44	0°34'52	minimum elong	-3202 Apr 10 j 04:45	23°♊27'21	0°10'44
max. Earth dist.	-3203 Apr 26 j 11:08	10°♊05'06	1.32753 AU	behind sun begin	-3202 Apr 10 j 01:04	23°♊07'08	
evening rise	-3203 May 02 j 19:57	23°♊40'26		behind sun end	-3202 Apr 10 j 08:27	23°♊47'34	
	-3203 May 05 j 23:03	0°♋		max. Earth dist.	-3202 Apr 10 j 00:20	23°♊03'09	1.32526 AU
	-3203 May 23 j 19:38	0°♌			-3202 Apr 13 j 04:37	0°♋	
evening max el	-3203 Jun 03 j 00:44	12°♌01'00	27°05'50	evening rise	-3202 Apr 17 j 04:30	8°♋32'50	
desc. node	-3203 Jun 03 j 05:04	12°♌11'19			-3202 Apr 28 j 10:00	0°♋	
retrograde	-3203 Jun 16 j 23:21	19°♌21'58		evening max el	-3202 May 16 j 00:43	23°♋45'37	26°14'15
evening set	-3203 Jun 23 j 22:13	17°♌09'33		desc. node	-3202 May 21 j 02:08	27°♋53'26	
min. Earth dist.	-3203 Jun 27 j 14:19	14°♌24'31	0.61372 AU	retrograde	-3202 May 25 j 00:12	0°♌	
inferior conj	-3203 Jun 30 j 19:07	11°♌34'32	-4°18'05		-3202 May 30 j 02:42	1°♌02'57	
minimum elong	-3203 Jun 30 j 21:17	11°♌29'42	4°17'48		-3202 Jun 04 j 03:01	30°♍	
morning rise	-3203 Jul 07 j 21:56	6°♌41'40		evening set	-3202 Jun 05 j 08:02	29°♍26'38	
direct	-3203 Jul 10 j 11:00	6°♌14'47		min. Earth dist.	-3202 Jun 09 j 13:38	26°♍45'27	0.59324 AU
morning max el	-3203 Jul 17 j 10:03	9°♌42'04	18°01'05	inferior conj	-3202 Jun 12 j 22:34	24°♍09'39	-4°23'01
asc. node	-3203 Jul 19 j 06:48	11°♌42'46		minimum elong	-3202 Jun 12 j 21:40	24°♍11'24	4°22'54
	-3203 Jul 30 j 17:53	0°♎		morning rise	-3202 Jun 20 j 13:43	19°♍38'39	
morning set	-3203 Aug 02 j 11:01	4°♎58'06		direct	-3202 Jun 23 j 01:55	19°♍16'42	
				morning max el	-3202 Jun 30 j 19:25	22°♍58'23	18°25'26
				asc. node	-3202 Jul 06 j 03:51	29°♍33'17	
superior conj	-3203 Aug 12 j 19:58	23°♎41'47	1°35'47		-3202 Jul 06 j 11:01	0°♎	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3202 Jul 16 j 22:15	18° $\Pi$ 34'50		morning rise	-3201 Jun 02 j 11:28	1° $\mathcal{B}$ 56'07	
	-3202 Jul 22 j 21:51	0° $\mathcal{E}$		direct	-3201 Jun 04 j 23:31	1° $\mathcal{B}$ 37'55	
				morning max el	-3201 Jun 13 j 21:34	5° $\mathcal{B}$ 47'40	19°10'09
superior conj	-3202 Jul 26 j 02:41	5° $\mathcal{E}$ 58'41	1°47'19	asc. node	-3201 Jun 23 j 00:55	18° $\mathcal{B}$ 08'41	
minimum elong	-3202 Jul 26 j 04:06	6° $\mathcal{E}$ 05'11	1°47'23		-3201 Jun 29 j 10:15	0° $\Pi$	
max. Earth dist.	-3202 Aug 02 j 11:56	19° $\mathcal{E}$ 10'48	1.40232 AU	morning set	-3201 Jun 30 j 19:32	2° $\Pi$ 43'49	
evening rise	-3202 Aug 07 j 00:06	26° $\mathcal{E}$ 49'12					
	-3202 Aug 08 j 22:25	0° $\mathcal{Q}$		superior conj	-3201 Jul 09 j 03:45	19° $\Pi$ 12'10	1°48'06
desc. node	-3202 Aug 17 j 01:21	12° $\mathcal{Q}$ 50'03		minimum elong	-3201 Jul 09 j 02:59	19° $\Pi$ 08'30	1°48'11
	-3202 Aug 28 j 20:58	0° $\mathcal{P}$			-3201 Jul 14 j 21:06	0° $\mathcal{E}$	
evening max el	-3202 Sep 10 j 17:13	15° $\mathcal{P}$ 41'08	23°28'34	max. Earth dist.	-3201 Jul 15 j 13:52	1° $\mathcal{E}$ 16'37	1.38275 AU
retrograde	-3202 Sep 21 j 04:49	21° $\mathcal{P}$ 53'09		evening rise	-3201 Jul 19 j 10:35	8° $\mathcal{E}$ 10'20	
evening set	-3202 Sep 26 j 05:28	19° $\mathcal{P}$ 47'11			-3201 Aug 01 j 19:39	0° $\mathcal{Q}$	
min. Earth dist.	-3202 Oct 01 j 04:22	13° $\mathcal{P}$ 57'59	0.67436 AU	desc. node	-3201 Aug 03 j 22:22	3° $\mathcal{Q}$ 10'42	
inferior conj	-3202 Oct 01 j 13:10	13° $\mathcal{P}$ 27'52	-0°11'49	evening max el	-3201 Aug 24 j 04:36	29° $\mathcal{Q}$ 11'50	24°47'47
minimum elong	-3202 Oct 01 j 13:26	13° $\mathcal{P}$ 26'55	0°11'41		-3201 Aug 25 j 00:29	0° $\mathcal{P}$	
transit middle	-3202 Oct 01 j 13:26	13° $\mathcal{P}$ 26'55	0°11'41	retrograde	-3201 Sep 04 j 17:44	5° $\mathcal{P}$ 55'46	
transit begin	-3202 Oct 01 j 11:33	13° $\mathcal{P}$ 33'24		evening set	-3201 Sep 10 j 09:20	3° $\mathcal{P}$ 31'23	
transit end	-3202 Oct 01 j 15:20	13° $\mathcal{P}$ 20'25			-3201 Sep 13 j 15:26	30° $\mathcal{R}$ $\mathcal{Q}$	
asc. node	-3202 Oct 02 j 02:55	12° $\mathcal{P}$ 40'49		min. Earth dist.	-3201 Sep 14 j 23:12	28° $\mathcal{Q}$ 17'03	0.67151 AU
morning rise	-3202 Oct 06 j 21:19	7° $\mathcal{P}$ 17'24		inferior conj	-3201 Sep 15 j 18:31	27° $\mathcal{Q}$ 12'50	-1°05'42
direct	-3202 Oct 11 j 00:24	5° $\mathcal{P}$ 42'01		minimum elong	-3201 Sep 15 j 20:05	27° $\mathcal{Q}$ 07'39	1°05'00
morning max el	-3202 Oct 19 j 14:48	10° $\mathcal{P}$ 46'11	21°15'57	asc. node	-3201 Sep 19 j 00:00	23° $\mathcal{Q}$ 12'32	
	-3202 Nov 03 j 10:06	0° $\mathcal{A}$		morning rise	-3201 Sep 21 j 06:49	21° $\mathcal{Q}$ 09'07	
desc. node	-3202 Nov 13 j 00:57	14° $\mathcal{A}$ 20'45		direct	-3201 Sep 24 j 22:00	19° $\mathcal{Q}$ 52'54	
morning set	-3202 Nov 19 j 05:08	23° $\mathcal{A}$ 54'42		morning max el	-3201 Oct 02 j 14:05	24° $\mathcal{Q}$ 19'31	20°04'39
	-3202 Nov 23 j 01:13	0° $\mathcal{M}$			-3201 Oct 07 j 09:51	0° $\mathcal{P}$	
max. Earth dist.	-3202 Nov 26 j 23:46	6° $\mathcal{M}$ 22'56	1.42346 AU		-3201 Oct 27 j 18:26	0° $\mathcal{A}$	
				morning set	-3201 Oct 29 j 02:51	2° $\mathcal{A}$ 05'17	
superior conj	-3202 Dec 04 j 04:53	18° $\mathcal{M}$ 27'37	-1°48'55	desc. node	-3201 Oct 30 j 21:56	4° $\mathcal{A}$ 52'27	
minimum elong	-3202 Dec 04 j 00:54	18° $\mathcal{M}$ 10'33	1°48'46	max. Earth dist.	-3201 Nov 09 j 10:02	19° $\mathcal{A}$ 50'34	1.43836 AU
	-3202 Dec 10 j 19:21	0° $\mathcal{J}$					
evening rise	-3202 Dec 15 j 12:38	8° $\mathcal{J}$ 28'46		superior conj	-3201 Nov 14 j 15:03	28° $\mathcal{A}$ 15'06	-1°25'13
	-3202 Dec 28 j 04:46	0° $\mathcal{Z}$		minimum elong	-3201 Nov 14 j 07:57	27° $\mathcal{A}$ 46'10	1°24'36
asc. node	-3202 Dec 29 j 02:01	1° $\mathcal{Z}$ 13'02			-3201 Nov 15 j 16:43	0° $\mathcal{M}$	
evening max el	-3201 Jan 01 j 05:21	4° $\mathcal{Z}$ 53'47	18°08'16	evening rise	-3201 Nov 27 j 18:42	20° $\mathcal{M}$ 19'33	
retrograde	-3201 Jan 07 j 22:43	8° $\mathcal{Z}$ 21'17			-3201 Dec 03 j 09:56	0° $\mathcal{J}$	
evening set	-3201 Jan 10 j 15:06	7° $\mathcal{Z}$ 48'28		evening max el	-3201 Dec 15 j 17:53	18° $\mathcal{J}$ 09'19	18°13'53
inferior conj	-3201 Jan 17 j 06:54	2° $\mathcal{Z}$ 49'01	4°00'39	asc. node	-3201 Dec 15 j 23:04	18° $\mathcal{J}$ 22'15	
minimum elong	-3201 Jan 17 j 06:32	2° $\mathcal{Z}$ 49'55	4°00'32	retrograde	-3201 Dec 22 j 06:35	21° $\mathcal{J}$ 39'40	
	-3201 Jan 20 j 05:36	30° $\mathcal{R}$ $\mathcal{J}$		evening set	-3201 Dec 25 j 02:42	20° $\mathcal{J}$ 57'59	
min. Earth dist.	-3201 Jan 20 j 08:35	29° $\mathcal{J}$ 53'09	0.61341 AU	inferior conj	-3201 Dec 31 j 07:58	15° $\mathcal{J}$ 38'04	3°49'04
morning rise	-3201 Jan 23 j 20:40	27° $\mathcal{J}$ 02'49		minimum elong	-3201 Dec 31 j 05:47	15° $\mathcal{J}$ 43'57	3°48'42
direct	-3201 Jan 30 j 19:33	24° $\mathcal{J}$ 39'42		min. Earth dist.	-3200 Jan 02 j 20:01	12° $\mathcal{J}$ 56'13	0.63206 AU
desc. node	-3201 Feb 09 j 00:16	28° $\mathcal{J}$ 13'08		morning rise	-3200 Jan 06 j 08:12	9° $\mathcal{J}$ 40'50	
	-3201 Feb 11 j 06:41	0° $\mathcal{Z}$		direct	-3200 Jan 13 j 09:27	6° $\mathcal{J}$ 55'55	
morning max el	-3201 Feb 13 j 21:28	2° $\mathcal{Z}$ 23'54	27°37'25	desc. node	-3200 Jan 26 j 21:20	14° $\mathcal{J}$ 24'47	
	-3201 Mar 06 j 03:47	0° $\mathcal{A}$		morning max el	-3200 Jan 27 j 04:02	14° $\mathcal{J}$ 41'15	27°40'28
morning set	-3201 Mar 18 j 09:50	22° $\mathcal{A}$ 57'49			-3200 Feb 08 j 16:23	0° $\mathcal{Z}$	
	-3201 Mar 21 j 18:30	0° $\mathcal{H}$			-3200 Feb 26 j 16:41	0° $\mathcal{A}$	
max. Earth dist.	-3201 Mar 24 j 12:19	5° $\mathcal{H}$ 54'10	1.32646 AU	morning set	-3200 Mar 01 j 10:05	7° $\mathcal{A}$ 17'10	
				max. Earth dist.	-3200 Mar 06 j 19:21	18° $\mathcal{A}$ 25'09	1.33145 AU
superior conj	-3201 Mar 25 j 16:18	8° $\mathcal{H}$ 26'20	-0°14'28				
minimum elong	-3201 Mar 25 j 16:57	8° $\mathcal{H}$ 29'54	0°14'21	superior conj	-3200 Mar 09 j 00:58	23° $\mathcal{A}$ 11'32	-0°39'48
behind sun begin	-3201 Mar 25 j 14:49	8° $\mathcal{H}$ 18'14		minimum elong	-3200 Mar 09 j 02:45	23° $\mathcal{A}$ 21'10	0°39'31
behind sun end	-3201 Mar 25 j 19:06	8° $\mathcal{H}$ 41'35			-3200 Mar 12 j 04:42	0° $\mathcal{H}$	
asc. node	-3201 Mar 27 j 01:27	11° $\mathcal{H}$ 27'08		asc. node	-3200 Mar 12 j 22:27	1° $\mathcal{H}$ 35'46	
evening rise	-3201 Apr 01 j 15:32	23° $\mathcal{H}$ 30'03		evening rise	-3200 Mar 16 j 03:13	8° $\mathcal{H}$ 25'11	
	-3201 Apr 04 j 19:09	0° $\mathcal{Y}$			-3200 Mar 27 j 12:23	0° $\mathcal{Y}$	
	-3201 Apr 23 j 06:52	0° $\mathcal{B}$		evening max el	-3200 Apr 08 j 10:39	15° $\mathcal{Y}$ 34'12	23°23'41
evening max el	-3201 Apr 27 j 18:54	4° $\mathcal{B}$ 51'21	24°56'20	retrograde	-3200 Apr 21 j 23:26	22° $\mathcal{Y}$ 17'03	
desc. node	-3201 May 07 j 23:11	11° $\mathcal{B}$ 23'58		desc. node	-3200 Apr 23 j 20:17	22° $\mathcal{Y}$ 09'17	
retrograde	-3201 May 11 j 19:31	11° $\mathcal{B}$ 58'19		evening set	-3200 Apr 25 j 15:27	21° $\mathcal{Y}$ 47'35	
evening set	-3201 May 16 j 20:00	11° $\mathcal{B}$ 00'34		min. Earth dist.	-3200 May 02 j 21:25	18° $\mathcal{Y}$ 29'45	0.55897 AU
min. Earth dist.	-3201 May 22 j 07:05	8° $\mathcal{B}$ 07'02	0.57385 AU	inferior conj	-3200 May 04 j 19:16	17° $\mathcal{Y}$ 21'51	-2°50'22
inferior conj	-3201 May 25 j 06:52	6° $\mathcal{B}$ 07'12	-3°56'53	minimum elong	-3200 May 04 j 13:06	17° $\mathcal{Y}$ 31'02	2°48'39
minimum elong	-3201 May 25 j 02:15	6° $\mathcal{B}$ 14'59	3°56'05	morning rise	-3200 May 13 j 13:24	13° $\mathcal{Y}$ 23'56	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3200 May 16 j 02:31	13° $\Upsilon$ 07'55		morning rise	-3199 Apr 23 j 21:03	24° $\text{X}$ 03'46	
morning max el	-3200 May 26 j 13:56	17° $\Upsilon$ 59'51	20°15'25	direct	-3199 Apr 26 j 16:05	23° $\text{X}$ 46'27	
	-3200 Jun 04 j 18:58	0° $\text{X}$		morning max el	-3199 May 08 j 19:28	29° $\text{X}$ 30'31	21°39'13
asc. node	-3200 Jun 08 j 21:58	7° $\text{X}$ 17'29			-3199 May 09 j 07:51	0° $\Upsilon$	
morning set	-3200 Jun 13 j 23:45	17° $\text{X}$ 15'58		asc. node	-3199 May 26 j 19:01	26° $\Upsilon$ 51'14	
	-3200 Jun 20 j 05:03	0° $\Pi$			-3199 May 28 j 08:20	0° $\text{X}$	
				morning set	-3199 May 29 j 08:31	2° $\text{X}$ 04'27	
superior conj	-3200 Jun 21 j 17:58	3° $\Pi$ 06'59	1°40'44	superior conj	-3199 Jun 05 j 17:24	17° $\text{X}$ 31'24	1°27'20
minimum elong	-3200 Jun 21 j 15:52	2° $\Pi$ 56'27	1°40'40	minimum elong	-3199 Jun 05 j 14:46	17° $\text{X}$ 17'44	1°27'06
max. Earth dist.	-3200 Jun 26 j 19:15	13° $\Pi$ 05'05	1.36462 AU	max. Earth dist.	-3199 Jun 09 j 08:47	25° $\text{X}$ 00'26	1.34951 AU
evening rise	-3200 Jun 30 j 19:50	20° $\Pi$ 39'11			-3199 Jun 11 j 20:50	0° $\Pi$	
	-3200 Jul 06 j 01:49	0° $\text{X}$		evening rise	-3199 Jun 13 j 22:34	4° $\Pi$ 01'35	
desc. node	-3200 Jul 20 j 19:23	23° $\text{X}$ 12'31			-3199 Jun 28 j 21:28	0° $\text{X}$	
	-3200 Jul 25 j 17:48	0° $\Omega$		desc. node	-3199 Jul 07 j 16:25	12° $\text{X}$ 47'12	
evening max el	-3200 Aug 05 j 15:35	12° $\Omega$ 44'32	25°58'13	evening max el	-3199 Jul 19 j 02:56	26° $\text{X}$ 13'08	26°51'54
retrograde	-3200 Aug 18 j 01:59	19° $\Omega$ 50'53			-3199 Jul 23 j 12:37	0° $\Omega$	
evening set	-3200 Aug 24 j 08:20	17° $\Omega$ 11'26		retrograde	-3199 Aug 01 j 05:17	3° $\Omega$ 32'13	
min. Earth dist.	-3200 Aug 28 j 13:52	12° $\Omega$ 34'32	0.66537 AU	evening set	-3199 Aug 08 j 00:11	0° $\Omega$ 44'40	
inferior conj	-3200 Aug 29 j 20:45	10° $\Omega$ 57'03	-1°58'24		-3199 Aug 08 j 20:33	30° $\text{X}$ 00'26	
minimum elong	-3200 Aug 29 j 23:31	10° $\Omega$ 48'20	1°57'16	min. Earth dist.	-3199 Aug 11 j 22:04	26° $\text{X}$ 46'03	0.65559 AU
morning rise	-3200 Sep 04 j 14:51	5° $\Omega$ 03'20		inferior conj	-3199 Aug 13 j 17:52	24° $\text{X}$ 37'29	-2°47'54
asc. node	-3200 Sep 04 j 21:08	4° $\Omega$ 54'01		minimum elong	-3199 Aug 13 j 21:32	24° $\text{X}$ 26'43	2°46'37
direct	-3200 Sep 07 j 20:18	4° $\Omega$ 03'18		morning rise	-3199 Aug 19 j 19:17	18° $\text{X}$ 56'58	
morning max el	-3200 Sep 14 j 20:28	8° $\Omega$ 01'11	19°07'25	direct	-3199 Aug 22 j 17:18	18° $\text{X}$ 09'50	
	-3200 Sep 30 j 12:32	0° $\text{X}$		asc. node	-3199 Aug 22 j 18:15	18° $\text{X}$ 09'51	
morning set	-3200 Oct 07 j 11:11	10° $\text{X}$ 53'17		morning max el	-3199 Aug 29 j 08:14	21° $\text{X}$ 48'05	18°26'07
desc. node	-3200 Oct 16 j 18:56	25° $\text{X}$ 31'53			-3199 Sep 04 j 17:51	0° $\Omega$	
	-3200 Oct 19 j 15:08	0° $\text{X}$		morning set	-3199 Sep 17 j 21:12	20° $\Omega$ 57'43	
max. Earth dist.	-3200 Oct 22 j 02:12	3° $\text{X}$ 52'49	1.44696 AU		-3199 Sep 23 j 10:59	0° $\text{X}$	
superior conj	-3200 Oct 24 j 00:13	6° $\text{X}$ 54'35	-0°45'02	superior conj	-3199 Oct 02 j 23:49	15° $\text{X}$ 12'05	0°04'19
minimum elong	-3200 Oct 23 j 18:39	6° $\text{X}$ 32'34	0°44'21	minimum elong	-3199 Oct 03 j 00:22	15° $\text{X}$ 14'18	0°04'16
	-3200 Nov 07 j 09:04	0° $\text{X}$		behind sun begin	-3199 Oct 02 j 13:26	14° $\text{X}$ 31'05	
evening rise	-3200 Nov 08 j 02:46	1° $\text{X}$ 12'17		behind sun end	-3199 Oct 03 j 11:19	15° $\text{X}$ 57'30	
	-3200 Nov 26 j 20:27	0° $\text{X}$		desc. node	-3199 Oct 03 j 15:54	16° $\text{X}$ 15'37	
evening max el	-3200 Nov 28 j 06:00	1° $\text{X}$ 32'17	18°37'53	max. Earth dist.	-3199 Oct 04 j 20:29	18° $\text{X}$ 08'18	1.44837 AU
asc. node	-3200 Dec 01 j 20:08	4° $\text{X}$ 24'32			-3199 Oct 12 j 09:35	0° $\text{X}$	
retrograde	-3200 Dec 04 j 22:11	5° $\text{X}$ 16'04		evening rise	-3199 Oct 19 j 10:09	11° $\text{X}$ 02'06	
evening set	-3200 Dec 07 j 23:10	4° $\text{X}$ 24'07		greatest brilliancy	-3199 Oct 29 j 13:01	26° $\text{X}$ 53'14	-0.8m
	-3200 Dec 12 j 19:16	30° $\text{X}$ 11'26			-3199 Oct 31 j 13:39	0° $\text{X}$	
inferior conj	-3200 Dec 13 j 20:23	28° $\text{X}$ 46'07	3°22'23	evening max el	-3199 Nov 11 j 15:12	14° $\text{X}$ 57'54	19°19'00
minimum elong	-3200 Dec 13 j 17:23	28° $\text{X}$ 55'02	3°21'38	retrograde	-3199 Nov 18 j 18:01	19° $\text{X}$ 04'02	
min. Earth dist.	-3200 Dec 15 j 17:27	26° $\text{X}$ 32'09	0.64750 AU	asc. node	-3199 Nov 18 j 17:14	19° $\text{X}$ 04'02	
morning rise	-3200 Dec 19 j 11:13	22° $\text{X}$ 40'45		evening set	-3199 Nov 22 j 01:38	17° $\text{X}$ 59'53	
direct	-3200 Dec 26 j 06:10	19° $\text{X}$ 49'16		inferior conj	-3199 Nov 27 j 16:53	12° $\text{X}$ 06'51	2°45'12
morning max el	-3199 Jan 08 j 13:28	27° $\text{X}$ 29'18	27°09'28	minimum elong	-3199 Nov 27 j 13:51	12° $\text{X}$ 16'32	2°44'13
	-3199 Jan 10 j 23:08	0° $\text{X}$		min. Earth dist.	-3199 Nov 28 j 23:57	10° $\text{X}$ 27'32	0.65938 AU
desc. node	-3199 Jan 12 j 18:24	2° $\text{X}$ 01'55		morning rise	-3199 Dec 03 j 01:49	5° $\text{X}$ 55'47	
	-3199 Feb 01 j 08:14	0° $\text{X}$		direct	-3199 Dec 09 j 09:03	3° $\text{X}$ 10'30	
morning set	-3199 Feb 13 j 01:18	21° $\text{X}$ 05'10		morning max el	-3199 Dec 21 j 23:07	10° $\text{X}$ 34'32	26°10'46
max. Earth dist.	-3199 Feb 17 j 17:38	0° $\approx$ 25'14	1.34056 AU	desc. node	-3199 Dec 30 j 15:26	20° $\text{X}$ 38'37	
	-3199 Feb 17 j 12:42	0° $\approx$			-3198 Jan 06 j 11:08	0° $\text{X}$	
superior conj	-3199 Feb 21 j 05:18	7° $\approx$ 39'20	-1°04'10		-3198 Jan 24 j 21:20	0° $\text{X}$	
minimum elong	-3199 Feb 21 j 08:03	7° $\approx$ 53'45	1°03'47	morning set	-3198 Jan 27 j 03:21	4° $\text{X}$ 08'14	
asc. node	-3199 Feb 27 j 19:29	21° $\approx$ 36'02		max. Earth dist.	-3198 Jan 31 j 04:12	11° $\text{X}$ 49'34	1.35410 AU
evening rise	-3199 Feb 28 j 13:49	23° $\approx$ 11'56		superior conj	-3198 Feb 05 j 02:50	21° $\text{X}$ 41'02	-1°26'09
	-3199 Mar 03 j 21:43	0° $\text{X}$		minimum elong	-3198 Feb 05 j 06:06	21° $\text{X}$ 57'39	1°25'49
evening max el	-3199 Mar 21 j 06:07	26° $\text{X}$ 21'41	21°50'41		-3198 Feb 09 j 03:47	0° $\approx$	
	-3199 Mar 25 j 21:17	0° $\Upsilon$		evening rise	-3198 Feb 12 j 21:18	7° $\approx$ 42'43	
retrograde	-3199 Apr 02 j 16:20	2° $\Upsilon$ 23'07		asc. node	-3198 Feb 14 j 16:30	11° $\approx$ 22'18	
evening set	-3199 Apr 05 j 08:19	2° $\Upsilon$ 07'12			-3198 Feb 25 j 03:52	0° $\text{X}$	
desc. node	-3199 Apr 10 j 17:22	0° $\Upsilon$ 11'53		evening max el	-3198 Mar 03 j 10:37	7° $\text{X}$ 36'16	20°28'45
	-3199 Apr 11 j 02:56	30° $\text{X}$ 11'26		retrograde	-3198 Mar 14 j 06:28	12° $\text{X}$ 45'47	
inferior conj	-3199 Apr 14 j 17:16	28° $\text{X}$ 02'52	-1°06'30	evening set	-3198 Mar 16 j 13:02	12° $\text{X}$ 33'04	
minimum elong	-3199 Apr 14 j 14:11	28° $\text{X}$ 07'12	1°05'27	inferior conj	-3198 Mar 25 j 13:19	8° $\text{X}$ 34'57	0°50'35
min. Earth dist.	-3199 Apr 14 j 11:06	28° $\text{X}$ 11'33	0.55169 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3198 Mar 25 j 15:33	8° $\text{H}$ 31'40	0°49'47	min. Earth dist.	-3197 Mar 08 j 16:11	17° $\approx$ 36'29	0.56452 AU
min. Earth dist.	-3198 Mar 27 j 01:16	7° $\text{H}$ 42'22	0.55368 AU	morning rise	-3197 Mar 14 j 11:51	14° $\approx$ 37'03	
desc. node	-3198 Mar 28 j 14:28	6° $\text{H}$ 49'36		desc. node	-3197 Mar 15 j 11:33	14° $\approx$ 18'25	
morning rise	-3198 Apr 03 j 16:37	4° $\text{H}$ 15'52		direct	-3197 Mar 19 j 03:58	13° $\approx$ 47'08	
direct	-3198 Apr 07 j 04:47	3° $\text{H}$ 49'04		morning max el	-3197 Apr 02 j 06:37	20° $\approx$ 58'07	24°54'26
morning max el	-3198 Apr 20 j 15:34	10° $\text{H}$ 23'59	23°15'50		-3197 Apr 10 j 01:18	0° $\text{H}$	
	-3198 May 05 j 01:08	0° $\text{Y}$			-3197 Apr 27 j 08:15	0° $\text{Y}$	
morning set	-3198 May 13 j 19:51	17° $\text{Y}$ 02'30		morning set	-3197 Apr 28 j 08:01	2° $\text{Y}$ 04'07	
asc. node	-3198 May 13 j 16:03	16° $\text{Y}$ 42'35		asc. node	-3197 Apr 30 j 13:02	6° $\text{Y}$ 45'57	
	-3198 May 19 j 21:40	0° $\text{B}$					
superior conj	-3198 May 20 j 23:00	2° $\text{B}$ 15'32	1°09'29	superior conj	-3197 May 05 j 08:26	17° $\text{Y}$ 11'28	0°48'24
minimum elong	-3198 May 20 j 20:28	2° $\text{B}$ 02'02	1°09'09	minimum elong	-3197 May 05 j 06:27	17° $\text{Y}$ 00'46	0°48'03
max. Earth dist.	-3198 May 23 j 07:59	7° $\text{B}$ 17'50	1.33807 AU	max. Earth dist.	-3197 May 06 j 15:22	19° $\text{Y}$ 59'06	1.33037 AU
evening rise	-3198 May 28 j 13:58	18° $\text{B}$ 03'20		evening rise	-3197 May 11 j 08:37	0° $\text{B}$	
	-3198 Jun 03 j 20:37	0° $\text{II}$			-3197 May 12 j 14:15	2° $\text{B}$ 32'29	
	-3198 Jun 23 j 04:32	0° $\text{E}$			-3197 May 27 j 17:08	0° $\text{II}$	
desc. node	-3198 Jun 24 j 13:28	1° $\text{E}$ 43'13		desc. node	-3197 Jun 11 j 10:31	19° $\text{II}$ 43'46	
evening max el	-3198 Jul 01 j 13:58	9° $\text{E}$ 27'53	27°21'31	evening max el	-3197 Jun 13 j 22:42	22° $\text{II}$ 16'10	27°21'06
retrograde	-3198 Jul 15 j 03:14	16° $\text{E}$ 51'24		retrograde	-3197 Jun 27 j 18:51	29° $\text{II}$ 38'34	
evening set	-3198 Jul 22 j 05:57	14° $\text{E}$ 06'47		evening set	-3197 Jul 04 j 21:54	27° $\text{II}$ 10'40	
min. Earth dist.	-3198 Jul 25 j 21:51	10° $\text{E}$ 43'46	0.64196 AU	min. Earth dist.	-3197 Jul 08 j 11:55	24° $\text{II}$ 15'14	0.62481 AU
inferior conj	-3198 Jul 28 j 07:26	8° $\text{E}$ 09'42	-3°31'32	inferior conj	-3197 Jul 11 j 10:32	21° $\text{II}$ 26'38	-4°05'22
minimum elong	-3198 Jul 28 j 11:24	7° $\text{E}$ 59'03	3°30'27	minimum elong	-3197 Jul 11 j 13:46	21° $\text{II}$ 18'51	4°04'47
morning rise	-3198 Aug 03 j 17:38	2° $\text{E}$ 45'23		morning rise	-3197 Jul 18 j 06:52	16° $\text{II}$ 21'18	
direct	-3198 Aug 06 j 10:29	2° $\text{E}$ 08'03		direct	-3197 Jul 20 j 20:45	15° $\text{II}$ 51'10	
asc. node	-3198 Aug 09 j 15:21	3° $\text{E}$ 00'24		morning max el	-3197 Jul 27 j 13:42	19° $\text{II}$ 15'56	17°55'55
morning max el	-3198 Aug 12 j 22:55	5° $\text{E}$ 35'18	18°01'59	asc. node	-3197 Jul 27 j 12:24	19° $\text{II}$ 12'47	
	-3198 Aug 29 j 01:26	0° $\text{O}$			-3197 Aug 04 j 10:33	0° $\text{E}$	
morning set	-3198 Aug 30 j 10:19	2° $\text{O}$ 20'22		morning set	-3197 Aug 12 j 21:36	14° $\text{E}$ 46'19	
					-3197 Aug 21 j 12:33	0° $\text{O}$	
superior conj	-3198 Sep 12 j 12:35	24° $\text{O}$ 12'13	0°49'58	superior conj	-3197 Aug 24 j 03:28	4° $\text{O}$ 29'42	1°23'12
minimum elong	-3198 Sep 12 j 17:42	24° $\text{O}$ 33'01	0°49'24	minimum elong	-3197 Aug 24 j 08:43	4° $\text{O}$ 51'58	1°22'48
	-3198 Sep 16 j 02:52	0° $\text{np}$		max. Earth dist.	-3197 Aug 31 j 02:53	16° $\text{O}$ 06'00	1.43038 AU
max. Earth dist.	-3198 Sep 17 j 13:35	2° $\text{np}$ 18'32	1.44257 AU	desc. node	-3197 Sep 07 j 09:53	27° $\text{O}$ 44'18	
desc. node	-3198 Sep 20 j 12:54	7° $\text{np}$ 01'01		evening rise	-3197 Sep 08 j 01:57	28° $\text{O}$ 47'03	
evening rise	-3198 Sep 28 j 20:56	20° $\text{np}$ 00'51			-3197 Sep 08 j 20:41	0° $\text{np}$	
	-3198 Oct 05 j 09:08	0° $\text{A}$			-3197 Sep 29 j 03:35	0° $\text{A}$	
evening max el	-3198 Oct 25 j 19:38	28° $\text{A}$ 24'39	20°15'24	evening max el	-3197 Oct 08 j 18:06	11° $\text{A}$ 50'58	21°24'27
	-3198 Oct 27 j 11:21	0° $\text{M}$		retrograde	-3197 Oct 17 j 12:00	17° $\text{A}$ 02'15	
retrograde	-3198 Nov 02 j 15:19	3° $\text{M}$ 00'28		evening set	-3197 Oct 21 j 15:29	15° $\text{A}$ 26'20	
asc. node	-3198 Nov 05 j 14:19	2° $\text{M}$ 09'48		asc. node	-3197 Oct 23 j 11:25	13° $\text{A}$ 43'11	
evening set	-3198 Nov 06 j 07:44	1° $\text{M}$ 41'42		inferior conj	-3197 Oct 27 j 00:04	9° $\text{A}$ 13'21	1°11'27
	-3198 Nov 08 j 05:40	30° $\text{R}$ $\text{A}$		minimum elong	-3197 Oct 26 j 22:29	9° $\text{A}$ 18'49	1°10'47
inferior conj	-3198 Nov 11 j 18:51	25° $\text{A}$ 37'00	2°00'47	min. Earth dist.	-3197 Oct 27 j 07:32	8° $\text{A}$ 47'39	0.67283 AU
minimum elong	-3198 Nov 11 j 16:21	25° $\text{A}$ 45'23	1°59'49	morning rise	-3197 Nov 01 j 05:18	2° $\text{A}$ 58'29	
min. Earth dist.	-3198 Nov 12 j 13:28	24° $\text{A}$ 34'32	0.66777 AU	direct	-3197 Nov 06 j 06:54	0° $\text{A}$ 48'58	
morning rise	-3198 Nov 17 j 00:45	19° $\text{A}$ 22'41		morning max el	-3197 Nov 16 j 16:49	7° $\text{A}$ 01'47	23°27'23
direct	-3198 Nov 22 j 17:34	16° $\text{A}$ 52'44		desc. node	-3197 Dec 04 j 09:29	29° $\text{A}$ 46'50	
morning max el	-3198 Dec 04 j 07:48	23° $\text{A}$ 46'52	24°53'22		-3197 Dec 04 j 13:06	0° $\text{M}$	
	-3198 Dec 09 j 21:21	0° $\text{M}$		morning set	-3197 Dec 21 j 17:47	26° $\text{M}$ 58'13	
desc. node	-3198 Dec 17 j 12:28	9° $\text{M}$ 57'45			-3197 Dec 23 j 12:39	0° $\text{X}$	
	-3198 Dec 30 j 20:59	0° $\text{X}$		max. Earth dist.	-3197 Dec 25 j 23:06	4° $\text{X}$ 12'35	1.39235 AU
morning set	-3197 Jan 09 j 10:55	16° $\text{X}$ 11'21					
max. Earth dist.	-3197 Jan 13 j 03:49	22° $\text{X}$ 53'15	1.37186 AU	superior conj	-3196 Jan 02 j 12:19	17° $\text{X}$ 50'38	-1°54'35
	-3197 Jan 16 j 22:45	0° $\text{Z}$		minimum elong	-3196 Jan 02 j 13:45	17° $\text{X}$ 57'19	1°54'39
					-3196 Jan 08 j 21:36	0° $\text{Z}$	
superior conj	-3197 Jan 19 j 14:31	5° $\text{Z}$ 08'22	-1°43'50	evening rise	-3196 Jan 11 j 18:09	5° $\text{Z}$ 31'47	
minimum elong	-3197 Jan 19 j 17:30	5° $\text{Z}$ 22'57	1°43'42	asc. node	-3196 Jan 19 j 10:32	19° $\text{Z}$ 49'49	
evening rise	-3197 Jan 27 j 23:36	21° $\text{Z}$ 51'26			-3196 Jan 26 j 08:32	0° $\approx$	
	-3197 Feb 01 j 03:11	0° $\approx$		evening max el	-3196 Jan 28 j 02:37	1° $\approx$ 51'42	18°38'49
asc. node	-3197 Feb 01 j 13:31	0° $\approx$ 49'05		retrograde	-3196 Feb 04 j 22:55	5° $\approx$ 40'20	
evening max el	-3197 Feb 14 j 01:54	19° $\approx$ 27'12	19°24'00	evening set	-3196 Feb 07 j 10:06	5° $\approx$ 19'08	
retrograde	-3197 Feb 23 j 05:49	23° $\approx$ 48'58		inferior conj	-3196 Feb 15 j 00:20	0° $\approx$ 53'14	3°30'52
evening set	-3197 Feb 25 j 13:18	23° $\approx$ 33'34		minimum elong	-3196 Feb 15 j 04:05	0° $\approx$ 46'04	3°30'09
inferior conj	-3197 Mar 05 j 21:05	19° $\approx$ 26'17	2°28'45		-3196 Feb 16 j 04:01	30° $\text{R}$ $\text{Z}$	
minimum elong	-3197 Mar 06 j 01:57	19° $\approx$ 18'16	2°27'21	min. Earth dist.	-3196 Feb 18 j 09:04	28° $\text{Z}$ 20'10	0.58170 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3196 Feb 22 j 19:36	25° $\text{Z}$ 36'12		minimum elong	-3195 Jan 27 j 00:58	12° $\text{Z}$ 55'05	3°57'43
direct	-3196 Feb 28 j 16:10	24° $\text{Z}$ 10'44		min. Earth dist.	-3195 Jan 30 j 06:54	10° $\text{Z}$ 03'12	0.60178 AU
desc. node	-3196 Mar 01 j 08:38	24° $\text{Z}$ 17'48		morning rise	-3195 Feb 02 j 23:26	7° $\text{Z}$ 19'49	
	-3196 Mar 12 j 02:56	0° $\approx$		direct	-3195 Feb 09 j 15:52	5° $\text{Z}$ 16'00	
morning max el	-3196 Mar 13 j 22:47	1° $\approx$ 41'01	26°20'19	desc. node	-3195 Feb 16 j 05:43	7° $\text{Z}$ 05'26	
	-3196 Apr 03 j 02:03	0° $\text{X}$		morning max el	-3195 Feb 23 j 20:38	12° $\text{Z}$ 56'23	27°19'21
morning set	-3196 Apr 11 j 19:23	17° $\text{X}$ 03'33			-3195 Mar 09 j 10:00	0° $\approx$	
asc. node	-3196 Apr 16 j 10:02	26° $\text{X}$ 56'41			-3195 Mar 26 j 06:07	0° $\text{X}$	
	-3196 Apr 17 j 19:35	0° $\text{Y}$		morning set	-3195 Mar 27 j 04:06	1° $\text{X}$ 53'15	
				max. Earth dist.	-3195 Apr 02 j 17:02	15° $\text{X}$ 53'08	1.32534 AU
superior conj	-3196 Apr 18 j 19:50	2° $\text{Y}$ 12'41	0°25'01	superior conj	-3195 Apr 03 j 07:27	17° $\text{X}$ 12'00	0°00'11
minimum elong	-3196 Apr 18 j 18:44	2° $\text{Y}$ 06'43	0°24'48	minimum elong	-3195 Apr 03 j 07:27	17° $\text{X}$ 11'58	0°00'09
max. Earth dist.	-3196 Apr 19 j 03:40	2° $\text{Y}$ 55'38	1.32615 AU	behind sun begin	-3195 Apr 03 j 02:26	16° $\text{X}$ 44'35	
evening rise	-3196 Apr 25 j 20:30	17° $\text{Y}$ 19'20		behind sun end	-3195 Apr 03 j 12:27	17° $\text{X}$ 39'20	
	-3196 May 02 j 05:53	0° $\text{Z}$		asc. node	-3195 Apr 03 j 07:01	17° $\text{X}$ 09'38	
	-3196 May 21 j 21:27	0° $\text{II}$			-3195 Apr 09 j 04:56	0° $\text{Y}$	
evening max el	-3196 May 26 j 02:36	4° $\text{II}$ 26'57	26°47'46	evening rise	-3195 Apr 10 j 06:20	2° $\text{Y}$ 14'27	
desc. node	-3196 May 28 j 07:33	6° $\text{II}$ 25'47			-3195 Apr 25 j 09:01	0° $\text{Z}$	
retrograde	-3196 Jun 09 j 02:52	11° $\text{II}$ 45'55		evening max el	-3195 May 07 j 23:55	15° $\text{Z}$ 53'30	25°43'44
evening set	-3196 Jun 15 j 19:49	9° $\text{II}$ 48'08		desc. node	-3195 May 15 j 04:37	21° $\text{Z}$ 16'38	
min. Earth dist.	-3196 Jun 19 j 16:06	7° $\text{II}$ 06'45	0.60511 AU	retrograde	-3195 May 22 j 01:42	23° $\text{Z}$ 07'09	
inferior conj	-3196 Jun 22 j 23:44	4° $\text{II}$ 20'26	-4°23'19	evening set	-3195 May 27 j 20:11	21° $\text{Z}$ 47'30	
minimum elong	-3196 Jun 23 j 00:47	4° $\text{II}$ 18'14	4°23'11	min. Earth dist.	-3195 Jun 01 j 12:11	19° $\text{Z}$ 03'09	0.58472 AU
	-3196 Jun 29 j 06:46	30° $\text{RZ}$		inferior conj	-3195 Jun 04 j 19:19	16° $\text{Z}$ 40'11	-4°16'24
morning rise	-3196 Jun 30 j 07:36	29° $\text{Z}$ 36'28		minimum elong	-3195 Jun 04 j 16:47	16° $\text{Z}$ 44'47	4°16'06
direct	-3196 Jul 02 j 20:16	29° $\text{Z}$ 11'43		morning rise	-3195 Jun 12 j 16:05	12° $\text{Z}$ 18'14	
	-3196 Jul 06 j 06:53	0° $\text{II}$		direct	-3195 Jun 15 j 04:22	11° $\text{Z}$ 57'53	
morning max el	-3196 Jul 10 j 01:51	2° $\text{II}$ 43'38	18°08'55	morning max el	-3195 Jun 23 j 08:27	15° $\text{Z}$ 49'15	18°41'58
asc. node	-3196 Jul 13 j 09:28	6° $\text{II}$ 31'59		asc. node	-3195 Jun 30 j 06:31	24° $\text{Z}$ 42'42	
morning set	-3196 Jul 26 j 01:30	28° $\text{II}$ 01'19			-3195 Jul 03 j 09:47	0° $\text{II}$	
	-3196 Jul 27 j 02:53	0° $\text{S}$		morning set	-3195 Jul 09 j 17:27	11° $\text{II}$ 52'55	
superior conj	-3196 Aug 04 j 21:07	16° $\text{S}$ 07'07	1°42'10	superior conj	-3195 Jul 18 j 12:23	28° $\text{II}$ 50'13	1°48'48
minimum elong	-3196 Aug 05 j 00:03	16° $\text{S}$ 20'13	1°42'06	minimum elong	-3195 Jul 18 j 12:46	28° $\text{II}$ 52'05	1°48'54
max. Earth dist.	-3196 Aug 12 j 10:57	29° $\text{S}$ 17'22	1.41346 AU		-3195 Jul 19 j 03:14	0° $\text{S}$	
	-3196 Aug 12 j 21:05	0° $\text{Q}$		max. Earth dist.	-3195 Jul 25 j 14:06	11° $\text{S}$ 45'00	1.39400 AU
evening rise	-3196 Aug 17 j 20:42	8° $\text{Q}$ 13'01		evening rise	-3195 Jul 29 j 16:12	18° $\text{S}$ 49'42	
desc. node	-3196 Aug 24 j 06:52	18° $\text{Q}$ 22'08			-3195 Aug 05 j 11:13	0° $\text{Q}$	
	-3196 Sep 01 j 00:24	0° $\text{R}$		desc. node	-3195 Aug 11 j 03:51	8° $\text{Q}$ 50'22	
evening max el	-3196 Sep 20 j 10:47	25° $\text{R}$ 17'23	22°42'05		-3195 Aug 26 j 07:20	0° $\text{R}$	
	-3196 Sep 26 j 08:09	0° $\text{A}$		evening max el	-3195 Sep 02 j 23:12	8° $\text{R}$ 45'27	24°02'44
retrograde	-3196 Sep 30 j 06:32	1° $\text{A}$ 07'04		retrograde	-3195 Sep 13 j 21:50	15° $\text{R}$ 11'54	
	-3196 Oct 03 j 20:58	30° $\text{R}$ $\text{R}$		evening set	-3195 Sep 19 j 04:54	12° $\text{R}$ 57'34	
evening set	-3196 Oct 04 j 23:07	29° $\text{R}$ 12'07		min. Earth dist.	-3195 Sep 23 j 23:45	7° $\text{R}$ 23'08	0.67358 AU
asc. node	-3196 Oct 09 j 08:30	24° $\text{R}$ 10'29		inferior conj	-3195 Sep 24 j 13:02	6° $\text{R}$ 38'08	-0°34'45
inferior conj	-3196 Oct 10 j 06:43	22° $\text{R}$ 54'11	0°19'04	minimum elong	-3195 Sep 24 j 13:51	6° $\text{R}$ 35'20	0°34'21
minimum elong	-3196 Oct 10 j 06:16	22° $\text{R}$ 55'44	0°18'53	asc. node	-3195 Sep 26 j 05:37	4° $\text{R}$ 23'21	
min. Earth dist.	-3196 Oct 10 j 03:46	23° $\text{R}$ 04'21	0.67474 AU	morning rise	-3195 Sep 29 j 22:47	0° $\text{R}$ 30'26	
morning rise	-3196 Oct 15 j 13:18	16° $\text{R}$ 41'30			-3195 Sep 30 j 16:50	30° $\text{RQ}$	
direct	-3196 Oct 20 j 00:11	14° $\text{R}$ 54'00		direct	-3195 Oct 03 j 20:30	29° $\text{Q}$ 03'42	
morning max el	-3196 Oct 29 j 05:30	20° $\text{R}$ 21'55	22°01'57		-3195 Oct 07 j 05:15	0° $\text{R}$	
	-3196 Nov 06 j 07:13	0° $\text{A}$		morning max el	-3195 Oct 12 j 00:43	3° $\text{R}$ 50'43	20°44'06
desc. node	-3196 Nov 20 j 06:29	19° $\text{A}$ 57'16			-3195 Oct 31 j 07:48	0° $\text{A}$	
	-3196 Nov 26 j 19:34	0° $\text{M}$		desc. node	-3195 Nov 07 j 03:29	10° $\text{A}$ 22'41	
morning set	-3196 Nov 30 j 19:52	6° $\text{M}$ 21'22		morning set	-3195 Nov 09 j 22:41	14° $\text{A}$ 42'46	
max. Earth dist.	-3196 Dec 06 j 22:18	16° $\text{M}$ 20'38	1.41288 AU	max. Earth dist.	-3195 Nov 19 j 04:38	29° $\text{A}$ 22'29	1.43045 AU
					-3195 Nov 19 j 13:54	0° $\text{M}$	
superior conj	-3196 Dec 14 j 15:03	29° $\text{M}$ 34'28	-1°54'57	superior conj	-3195 Nov 25 j 17:05	10° $\text{M}$ 06'26	-1°40'59
minimum elong	-3196 Dec 14 j 13:22	29° $\text{M}$ 27'01	1°55'01	minimum elong	-3195 Nov 25 j 11:28	9° $\text{M}$ 42'54	1°40'39
	-3196 Dec 14 j 20:50	0° $\text{X}$			-3195 Dec 07 j 05:32	0° $\text{X}$	
evening rise	-3196 Dec 25 j 01:45	18° $\text{X}$ 36'29		evening rise	-3195 Dec 07 j 18:32	0° $\text{X}$ 57'26	
	-3196 Dec 31 j 07:21	0° $\text{Z}$		asc. node	-3195 Dec 23 j 04:39	25° $\text{X}$ 57'18	
asc. node	-3195 Jan 05 j 07:35	8° $\text{Z}$ 16'01		evening max el	-3195 Dec 24 j 21:39	27° $\text{X}$ 50'20	18°08'18
evening max el	-3195 Jan 10 j 10:09	14° $\text{Z}$ 41'56	18°13'40		-3195 Dec 27 j 12:20	0° $\text{Z}$	
retrograde	-3195 Jan 17 j 10:18	18° $\text{Z}$ 13'20		retrograde	-3195 Dec 31 j 12:07	1° $\text{Z}$ 18'03	
evening set	-3195 Jan 20 j 00:50	17° $\text{Z}$ 44'59					
inferior conj	-3195 Jan 26 j 23:54	12° $\text{Z}$ 57'29	3°57'52				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3194 Jan 03 j 05:53	0° $\text{S}$ 41'41		retrograde	-3194 Dec 14 j 23:43	14° $\text{S}$ 44'28	
	-3194 Jan 04 j 13:29	30° $\text{R}$ 27		evening set	-3194 Dec 17 j 21:37	13° $\text{S}$ 58'48	
inferior conj	-3194 Jan 09 j 16:51	25° $\text{S}$ 33'08	3°57'58	inferior conj	-3194 Dec 23 j 23:12	8° $\text{S}$ 31'04	3°39'15
minimum elong	-3194 Jan 09 j 15:36	25° $\text{S}$ 36'19	3°57'47	minimum elong	-3194 Dec 23 j 20:34	8° $\text{S}$ 38'30	3°38'43
min. Earth dist.	-3194 Jan 12 j 13:03	22° $\text{S}$ 41'00	0.62160 AU	min. Earth dist.	-3194 Dec 26 j 04:59	5° $\text{S}$ 59'29	0.63906 AU
morning rise	-3194 Jan 16 j 00:17	19° $\text{S}$ 41'28		morning rise	-3194 Dec 29 j 18:57	2° $\text{S}$ 29'50	
direct	-3194 Jan 23 j 01:12	17° $\text{S}$ 07'23			-3193 Jan 03 j 07:58	30° $\text{R}$ 11	
desc. node	-3194 Feb 03 j 02:48	22° $\text{S}$ 13'33		direct	-3193 Jan 05 j 18:21	29° $\text{R}$ 40'01	
morning max el	-3194 Feb 06 j 00:47	24° $\text{S}$ 53'10	27°43'14		-3193 Jan 08 j 07:07	0° $\text{S}$	
	-3194 Feb 10 j 17:52	0° $\text{S}$		morning max el	-3193 Jan 19 j 08:57	7° $\text{S}$ 25'02	27°31'01
	-3194 Mar 02 j 18:07	0° $\text{S}$		desc. node	-3193 Jan 20 j 23:52	9° $\text{S}$ 04'55	
morning set	-3194 Mar 11 j 08:10	16° $\text{S}$ 26'14			-3193 Feb 05 j 20:03	0° $\text{S}$	
max. Earth dist.	-3194 Mar 17 j 03:28	28° $\text{S}$ 37'22	1.32810 AU		-3193 Feb 22 j 22:13	0° $\text{S}$	
	-3194 Mar 17 j 18:47	0° $\text{S}$		morning set	-3193 Feb 23 j 04:59	0° $\text{S}$ 33'23	
				max. Earth dist.	-3193 Feb 28 j 07:00	10° $\text{S}$ 54'56	1.33476 AU
superior conj	-3194 Mar 18 j 17:42	2° $\text{S}$ 04'01	-0°25'15				
minimum elong	-3194 Mar 18 j 18:51	2° $\text{S}$ 10'14	0°25'04	superior conj	-3193 Mar 03 j 00:46	16° $\text{S}$ 42'23	-0°50'21
asc. node	-3194 Mar 21 j 04:02	7° $\text{S}$ 20'57		minimum elong	-3193 Mar 03 j 03:00	16° $\text{S}$ 54'16	0°50'00
evening rise	-3194 Mar 25 j 17:52	17° $\text{S}$ 11'09		asc. node	-3193 Mar 08 j 01:04	27° $\text{S}$ 26'24	
	-3194 Apr 01 j 03:04	0° $\text{S}$			-3193 Mar 09 j 05:58	0° $\text{S}$	
evening max el	-3194 Apr 19 j 16:07	26° $\text{S}$ 45'03	24°17'45	evening rise	-3193 Mar 10 j 05:17	2° $\text{S}$ 02'54	
	-3194 Apr 23 j 12:36	0° $\text{S}$			-3193 Mar 25 j 22:54	0° $\text{S}$	
desc. node	-3194 May 02 j 01:42	3° $\text{S}$ 39'34		evening max el	-3193 Apr 01 j 08:39	7° $\text{S}$ 26'20	22°43'25
retrograde	-3194 May 03 j 13:24	3° $\text{S}$ 44'40		retrograde	-3193 Apr 14 j 12:27	13° $\text{S}$ 53'50	
evening set	-3194 May 07 j 23:53	3° $\text{S}$ 00'31		evening set	-3193 Apr 17 j 16:14	13° $\text{S}$ 32'00	
min. Earth dist.	-3194 May 14 j 03:50	29° $\text{S}$ 57'56	0.56674 AU	desc. node	-3193 Apr 18 j 22:48	13° $\text{S}$ 11'31	
	-3194 May 14 j 02:29	30° $\text{S}$ 00'00		min. Earth dist.	-3193 Apr 25 j 18:02	9° $\text{S}$ 59'48	0.55472 AU
inferior conj	-3194 May 16 j 18:50	28° $\text{S}$ 18'27	-3°33'49	inferior conj	-3193 Apr 27 j 00:01	9° $\text{S}$ 16'45	-2°09'55
minimum elong	-3194 May 16 j 13:05	28° $\text{S}$ 27'36	3°32'34	minimum elong	-3193 Apr 26 j 18:36	9° $\text{S}$ 24'33	2°08'14
morning rise	-3194 May 25 j 05:24	24° $\text{S}$ 14'36		morning rise	-3193 May 05 j 23:02	5° $\text{S}$ 20'11	
direct	-3194 May 27 j 17:31	23° $\text{S}$ 57'43		direct	-3193 May 08 j 13:27	5° $\text{S}$ 04'20	
morning max el	-3194 Jun 06 j 06:45	28° $\text{S}$ 23'31	19°35'35	morning max el	-3193 May 19 j 18:35	10° $\text{S}$ 18'29	20°49'05
	-3194 Jun 07 j 21:08	0° $\text{S}$			-3193 Jun 02 j 12:11	0° $\text{S}$	
asc. node	-3194 Jun 17 j 03:33	13° $\text{S}$ 32'51		asc. node	-3193 Jun 04 j 00:35	2° $\text{S}$ 53'02	
morning set	-3194 Jun 23 j 17:58	26° $\text{S}$ 12'00		morning set	-3193 Jun 08 j 00:22	10° $\text{S}$ 51'42	
	-3194 Jun 25 j 15:18	0° $\text{S}$					
superior conj	-3194 Jul 01 j 19:35	12° $\text{S}$ 22'43	1°45'50	superior conj	-3193 Jun 15 j 14:09	26° $\text{S}$ 31'29	1°35'41
minimum elong	-3194 Jul 01 j 18:09	12° $\text{S}$ 15'41	1°45'52	minimum elong	-3193 Jun 15 j 11:45	26° $\text{S}$ 19'11	1°35'33
max. Earth dist.	-3194 Jul 07 j 16:21	23° $\text{S}$ 38'17	1.37468 AU		-3193 Jun 17 j 07:09	0° $\text{S}$	
	-3194 Jul 11 j 03:50	0° $\text{S}$		max. Earth dist.	-3193 Jun 20 j 00:27	5° $\text{S}$ 25'35	1.35769 AU
evening rise	-3194 Jul 11 j 12:54	0° $\text{S}$ 40'39		evening rise	-3193 Jun 24 j 06:16	13° $\text{S}$ 34'30	
desc. node	-3194 Jul 29 j 00:52	29° $\text{S}$ 03'41			-3193 Jul 03 j 13:22	0° $\text{S}$	
	-3194 Jul 29 j 16:18	0° $\text{S}$		desc. node	-3193 Jul 15 j 21:54	18° $\text{S}$ 55'22	
evening max el	-3194 Aug 16 j 09:59	22° $\text{S}$ 16'29	25°19'17		-3193 Jul 24 j 11:43	0° $\text{S}$	
retrograde	-3194 Aug 28 j 09:00	29° $\text{S}$ 12'06		evening max el	-3193 Jul 29 j 21:12	5° $\text{S}$ 49'05	26°23'40
evening set	-3194 Sep 03 j 07:00	26° $\text{S}$ 40'30		retrograde	-3193 Aug 11 j 15:24	13° $\text{S}$ 02'29	
min. Earth dist.	-3194 Sep 07 j 17:08	21° $\text{S}$ 41'52	0.66927 AU	evening set	-3193 Aug 18 j 03:18	10° $\text{S}$ 18'43	
inferior conj	-3194 Sep 08 j 17:18	20° $\text{S}$ 23'03	-1°28'21	min. Earth dist.	-3193 Aug 22 j 05:29	5° $\text{S}$ 57'53	0.66159 AU
minimum elong	-3194 Sep 08 j 19:24	20° $\text{S}$ 16'14	1°27'26	inferior conj	-3193 Aug 23 j 17:39	4° $\text{S}$ 06'48	-2°19'55
asc. node	-3194 Sep 13 j 02:44	15° $\text{S}$ 19'44		minimum elong	-3193 Aug 23 j 20:51	3° $\text{S}$ 56'59	2°18'42
morning rise	-3194 Sep 14 j 07:53	14° $\text{S}$ 23'14			-3193 Aug 27 j 09:35	30° $\text{R}$ 25	
direct	-3194 Sep 17 j 18:32	13° $\text{S}$ 14'32		morning rise	-3193 Aug 29 j 14:39	28° $\text{S}$ 18'03	
morning max el	-3194 Sep 25 j 03:14	17° $\text{S}$ 28'10	19°38'25	asc. node	-3193 Aug 30 j 23:49	27° $\text{S}$ 40'25	
	-3194 Oct 04 j 19:38	0° $\text{S}$		direct	-3193 Sep 01 j 16:37	27° $\text{S}$ 23'56	
morning set	-3194 Oct 19 j 22:06	23° $\text{S}$ 01'25			-3193 Sep 07 j 05:27	0° $\text{S}$	
	-3194 Oct 24 j 09:37	0° $\text{S}$		morning max el	-3193 Sep 08 j 12:09	1° $\text{S}$ 12'47	18°47'47
desc. node	-3194 Oct 25 j 00:27	0° $\text{S}$ 57'57			-3193 Sep 28 j 05:19	0° $\text{S}$	
max. Earth dist.	-3194 Nov 01 j 17:18	13° $\text{S}$ 05'19	1.44282 AU	morning set	-3193 Sep 29 j 16:30	2° $\text{S}$ 20'06	
				desc. node	-3193 Oct 11 j 21:27	21° $\text{S}$ 39'51	
superior conj	-3194 Nov 05 j 15:39	19° $\text{S}$ 21'47	-1°09'58				
minimum elong	-3194 Nov 05 j 08:28	18° $\text{S}$ 52'55	1°09'11	superior conj	-3193 Oct 15 j 18:14	27° $\text{S}$ 45'16	-0°24'31
	-3194 Nov 12 j 04:52	0° $\text{S}$		minimum elong	-3193 Oct 15 j 15:01	27° $\text{S}$ 32'35	0°24'06
evening rise	-3194 Nov 19 j 15:46	12° $\text{S}$ 24'22		max. Earth dist.	-3193 Oct 15 j 10:27	27° $\text{S}$ 14'34	1.44851 AU
	-3194 Nov 30 j 05:44	0° $\text{S}$			-3193 Oct 17 j 04:26	0° $\text{S}$	
evening max el	-3194 Dec 08 j 10:18	11° $\text{S}$ 09'22	18°21'55	evening rise	-3193 Oct 31 j 13:25	22° $\text{S}$ 50'19	
asc. node	-3194 Dec 10 j 01:45	12° $\text{S}$ 39'52			-3193 Nov 05 j 00:20	0° $\text{S}$	
				evening max el	-3193 Nov 21 j 21:32	24° $\text{S}$ 34'19	18°53'23

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3193 Nov 26 j 22:50	28° $\mathbb{M}$ 08'50		asc. node	-3192 Nov 12 j 19:54	12° $\mathbb{M}$ 09'52	
retrograde	-3193 Nov 28 j 17:22	28° $\mathbb{M}$ 26'16		evening set	-3192 Nov 15 j 01:14	11° $\mathbb{M}$ 08'35	
evening set	-3193 Dec 01 j 20:57	27° $\mathbb{M}$ 29'27		inferior conj	-3192 Nov 20 j 14:31	5° $\mathbb{M}$ 10'14	2°27'05
inferior conj	-3193 Dec 07 j 15:25	21° $\mathbb{M}$ 44'57	3°07'37	minimum elong	-3192 Nov 20 j 11:40	5° $\mathbb{M}$ 19'36	2°26'04
minimum elong	-3193 Dec 07 j 12:19	21° $\mathbb{M}$ 54'27	3°06'45	min. Earth dist.	-3192 Nov 21 j 16:03	3° $\mathbb{M}$ 46'44	0.66344 AU
min. Earth dist.	-3193 Dec 09 j 06:26	19° $\mathbb{M}$ 45'02	0.65311 AU		-3192 Nov 24 j 20:05	30° $\mathbb{R}$ $\underline{\mathbb{A}}$	
morning rise	-3193 Dec 13 j 03:23	15° $\mathbb{M}$ 37'00		morning rise	-3192 Nov 25 j 21:53	28° $\underline{\mathbb{A}}$ 57'46	
direct	-3193 Dec 19 j 18:01	12° $\mathbb{M}$ 46'28		direct	-3192 Dec 01 j 23:17	26° $\underline{\mathbb{A}}$ 18'15	
morning max el	-3192 Jan 01 j 18:30	20° $\mathbb{M}$ 21'03	26°47'10		-3192 Dec 10 j 06:41	0° $\mathbb{M}$	
desc. node	-3192 Jan 07 j 20:56	27° $\mathbb{M}$ 09'48		morning max el	-3192 Dec 14 j 03:40	3° $\mathbb{M}$ 30'19	25°39'33
	-3192 Jan 10 j 03:13	0° $\mathbb{X}$		desc. node	-3192 Dec 24 j 17:59	16° $\mathbb{M}$ 06'43	
	-3192 Jan 29 j 21:49	0° $\mathbb{Z}$			-3191 Jan 03 j 10:24	0° $\mathbb{X}$	
morning set	-3192 Feb 06 j 15:08	14° $\mathbb{Z}$ 03'40		morning set	-3191 Jan 19 j 10:05	26° $\mathbb{X}$ 43'45	
max. Earth dist.	-3192 Feb 11 j 00:11	22° $\mathbb{Z}$ 37'49	1.34578 AU		-3191 Jan 21 j 04:39	0° $\mathbb{Z}$	
	-3192 Feb 14 j 14:57	0° $\approx$		max. Earth dist.	-3191 Jan 23 j 05:55	3° $\mathbb{Z}$ 51'51	1.36125 AU
superior conj	-3192 Feb 15 j 02:33	1° $\approx$ 00'07	-1°13'54	superior conj	-3191 Jan 28 j 20:23	14° $\mathbb{Z}$ 49'18	-1°34'19
minimum elong	-3192 Feb 15 j 05:35	1° $\approx$ 15'53	1°13'31	minimum elong	-3191 Jan 28 j 23:39	15° $\mathbb{Z}$ 05'40	1°34'03
evening rise	-3192 Feb 22 j 14:47	16° $\approx$ 43'26			-3191 Feb 05 j 07:18	0° $\approx$	
asc. node	-3192 Feb 22 j 22:06	17° $\approx$ 21'19		evening rise	-3191 Feb 05 j 20:24	1° $\approx$ 06'36	
	-3192 Feb 29 j 08:26	0° $\mathbb{X}$		asc. node	-3191 Feb 08 j 19:08	7° $\approx$ 00'43	
evening max el	-3192 Mar 13 j 07:41	18° $\mathbb{X}$ 23'48	21°14'01	evening max el	-3191 Feb 23 j 16:49	29° $\approx$ 54'13	19°58'50
retrograde	-3192 Mar 25 j 02:16	24° $\mathbb{X}$ 02'49			-3191 Feb 23 j 19:15	0° $\mathbb{X}$	
evening set	-3192 Mar 27 j 12:35	23° $\mathbb{X}$ 49'15		retrograde	-3191 Mar 05 j 18:53	4° $\mathbb{X}$ 42'02	
desc. node	-3192 Apr 04 j 19:54	20° $\mathbb{X}$ 23'12		evening set	-3191 Mar 08 j 01:17	4° $\mathbb{X}$ 28'34	
inferior conj	-3192 Apr 05 j 19:22	19° $\mathbb{X}$ 50'11	-0°16'24	inferior conj	-3191 Mar 16 j 19:00	0° $\mathbb{X}$ 27'52	1°36'04
minimum elong	-3192 Apr 05 j 18:36	19° $\mathbb{X}$ 51'17	0°16'09	minimum elong	-3191 Mar 16 j 22:52	0° $\mathbb{X}$ 21'58	1°34'47
min. Earth dist.	-3192 Apr 06 j 07:54	19° $\mathbb{X}$ 32'30	0.55137 AU		-3191 Mar 17 j 13:13	30° $\mathbb{R}$ $\approx$	
morning rise	-3192 Apr 15 j 00:25	15° $\mathbb{X}$ 44'33		min. Earth dist.	-3191 Mar 18 j 22:02	29° $\approx$ 10'15	0.55736 AU
direct	-3192 Apr 18 j 01:29	15° $\mathbb{X}$ 24'18		desc. node	-3191 Mar 22 j 16:59	27° $\approx$ 06'46	
morning max el	-3192 Apr 30 j 19:35	21° $\mathbb{X}$ 31'20	22°19'18	morning rise	-3191 Mar 25 j 18:23	25° $\approx$ 56'54	
	-3192 May 08 j 00:47	0° $\mathbb{Y}$		direct	-3191 Mar 29 j 17:40	25° $\approx$ 22'10	
asc. node	-3192 May 20 j 21:36	22° $\mathbb{Y}$ 34'55			-3191 Apr 09 j 23:39	0° $\mathbb{X}$	
morning set	-3192 May 22 j 10:27	25° $\mathbb{Y}$ 44'51		morning max el	-3191 Apr 12 j 12:46	2° $\mathbb{X}$ 13'43	23°58'23
	-3192 May 24 j 11:04	0° $\mathbb{Z}$			-3191 May 01 j 14:11	0° $\mathbb{Y}$	
superior conj	-3192 May 29 j 16:29	11° $\mathbb{Z}$ 04'58	1°20'14	morning set	-3191 May 06 j 22:21	10° $\mathbb{Y}$ 45'39	
minimum elong	-3192 May 29 j 13:50	10° $\mathbb{Z}$ 51'00	1°19'56	asc. node	-3191 May 07 j 18:37	12° $\mathbb{Y}$ 32'28	
max. Earth dist.	-3192 Jun 01 j 18:18	17° $\mathbb{Z}$ 30'06	1.34418 AU	superior conj	-3191 May 13 j 23:57	25° $\mathbb{Y}$ 55'08	1°00'52
evening rise	-3192 Jun 06 j 14:56	27° $\mathbb{Z}$ 15'18		minimum elong	-3191 May 13 j 21:37	25° $\mathbb{Y}$ 42'32	1°00'31
	-3192 Jun 08 j 01:02	0° $\mathbb{II}$			-3191 May 15 j 21:39	0° $\mathbb{Z}$	
	-3192 Jun 25 j 19:55	0° $\mathbb{E}$		max. Earth dist.	-3191 May 15 j 21:35	29° $\mathbb{Y}$ 59'39	1.33440 AU
desc. node	-3192 Jul 01 j 18:56	8° $\mathbb{E}$ 15'10		evening rise	-3191 May 21 j 10:31	11° $\mathbb{Z}$ 30'09	
evening max el	-3192 Jul 11 j 08:49	19° $\mathbb{E}$ 13'54	27°07'58		-3191 May 31 j 07:26	0° $\mathbb{II}$	
retrograde	-3192 Jul 24 j 16:17	26° $\mathbb{E}$ 35'00		desc. node	-3191 Jun 18 j 15:57	26° $\mathbb{II}$ 49'46	
evening set	-3192 Jul 31 j 15:12	23° $\mathbb{E}$ 47'33			-3191 Jun 21 j 12:10	0° $\mathbb{E}$	
min. Earth dist.	-3192 Aug 04 j 10:24	20° $\mathbb{E}$ 04'25	0.65024 AU	evening max el	-3191 Jun 23 j 19:10	2° $\mathbb{E}$ 18'49	27°25'12
inferior conj	-3192 Aug 06 j 11:52	17° $\mathbb{E}$ 44'26	-3°07'18	retrograde	-3191 Jul 07 j 11:21	9° $\mathbb{E}$ 41'35	
minimum elong	-3192 Aug 06 j 15:45	17° $\mathbb{E}$ 33'24	3°06'05	evening set	-3191 Jul 14 j 15:30	7° $\mathbb{E}$ 02'15	
morning rise	-3192 Aug 12 j 16:48	12° $\mathbb{E}$ 10'08		min. Earth dist.	-3191 Jul 18 j 05:56	3° $\mathbb{E}$ 52'28	0.63512 AU
direct	-3192 Aug 15 j 12:26	11° $\mathbb{E}$ 27'23		inferior conj	-3191 Jul 20 j 21:19	1° $\mathbb{E}$ 10'41	-3°47'23
asc. node	-3192 Aug 16 j 20:53	11° $\mathbb{E}$ 37'13		minimum elong	-3191 Jul 21 j 01:08	1° $\mathbb{E}$ 00'54	3°46'30
morning max el	-3192 Aug 22 j 01:21	14° $\mathbb{E}$ 59'51	18°13'42		-3191 Jul 22 j 01:18	30° $\mathbb{R}$ $\mathbb{II}$	
	-3192 Sep 01 j 17:52	0° $\mathbb{Q}$		morning rise	-3191 Jul 27 j 11:40	25° $\mathbb{II}$ 54'11	
morning set	-3192 Sep 09 j 14:28	12° $\mathbb{Q}$ 59'23		direct	-3191 Jul 30 j 03:08	25° $\mathbb{II}$ 20'03	
	-3192 Sep 19 j 23:39	0° $\mathbb{P}$		asc. node	-3191 Aug 03 j 17:57	27° $\mathbb{II}$ 04'10	
superior conj	-3192 Sep 23 j 20:51	6° $\mathbb{P}$ 13'33	0°24'48	morning max el	-3191 Aug 05 j 16:23	28° $\mathbb{II}$ 44'45	17°57'11
minimum elong	-3192 Sep 23 j 23:52	6° $\mathbb{P}$ 25'35	0°24'26		-3191 Aug 06 j 20:42	0° $\mathbb{E}$	
max. Earth dist.	-3192 Sep 27 j 04:54	11° $\mathbb{P}$ 31'13	1.44682 AU	morning set	-3191 Aug 22 j 13:38	24° $\mathbb{E}$ 50'36	
desc. node	-3192 Sep 27 j 18:26	12° $\mathbb{P}$ 24'42			-3191 Aug 25 j 12:54	0° $\mathbb{Q}$	
	-3192 Oct 09 j 00:01	0° $\underline{\mathbb{A}}$		superior conj	-3191 Sep 03 j 19:53	15° $\mathbb{Q}$ 44'00	1°05'51
evening rise	-3192 Oct 10 j 10:57	2° $\underline{\mathbb{A}}$ 15'51		minimum elong	-3191 Sep 04 j 01:32	16° $\mathbb{Q}$ 07'21	1°05'17
greatest brilliancy	-3192 Oct 22 j 16:06	21° $\underline{\mathbb{A}}$ 05'32	-0.7m	max. Earth dist.	-3191 Sep 09 j 21:06	25° $\mathbb{Q}$ 35'19	1.43808 AU
	-3192 Oct 28 j 18:12	0° $\mathbb{M}$			-3191 Sep 12 j 15:28	0° $\mathbb{P}$	
evening max el	-3192 Nov 04 j 04:59	8° $\mathbb{M}$ 01'23	19°41'16	desc. node	-3191 Sep 14 j 15:24	3° $\mathbb{P}$ 09'20	
retrograde	-3192 Nov 11 j 14:03	12° $\mathbb{M}$ 18'49		evening rise	-3191 Sep 19 j 16:51	11° $\mathbb{P}$ 02'54	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3191 Oct 02 j 05:00	0°♎		retrograde	-3190 Oct 10 j 07:27	10°♎21'48	
evening max el	-3191 Oct 18 j 06:54	21°♎27'47	20°43'25	evening set	-3190 Oct 14 j 16:13	8°♎37'57	
retrograde	-3191 Oct 26 j 11:22	26°♎18'09		asc. node	-3190 Oct 17 j 14:03	5°♎36'08	
evening set	-3191 Oct 30 j 08:17	24°♎52'09		inferior conj	-3190 Oct 20 j 00:09	2°♎22'11	0°49'31
asc. node	-3191 Oct 30 j 16:59	24°♎35'14		minimum elong	-3190 Oct 19 j 23:02	2°♎26'05	0°49'03
inferior conj	-3191 Nov 04 j 18:06	18°♎43'17	1°40'21	min. Earth dist.	-3190 Oct 20 j 03:07	2°♎11'58	0.67391 AU
minimum elong	-3191 Nov 04 j 15:57	18°♎50'37	1°39'29		-3190 Oct 21 j 17:57	30°♎	
min. Earth dist.	-3191 Nov 05 j 07:45	17°♎56'53	0.67027 AU	morning rise	-3190 Oct 25 j 05:42	26°♎07'44	
morning rise	-3191 Nov 09 j 23:27	12°♎28'32		direct	-3190 Oct 30 j 00:48	24°♎07'42	
direct	-3191 Nov 15 j 09:43	10°♎07'12			-3190 Nov 08 j 21:48	0°♎	
morning max el	-3191 Nov 26 j 12:21	16°♎44'38	24°17'26	morning max el	-3190 Nov 08 j 22:38	0°♎02'08	22°50'36
	-3191 Dec 07 j 12:46	0°♎		desc. node	-3190 Nov 28 j 12:01	25°♎39'08	
desc. node	-3191 Dec 11 j 15:00	5°♎39'55			-3190 Dec 01 j 09:46	0°♎	
	-3191 Dec 27 j 10:43	0°♎		morning set	-3190 Dec 13 j 02:48	18°♎28'31	
morning set	-3190 Jan 01 j 07:56	8°♎16'43		max. Earth dist.	-3190 Dec 17 j 23:07	26°♎36'43	1.40120 AU
max. Earth dist.	-3190 Jan 05 j 03:14	15°♎00'04	1.38039 AU		-3190 Dec 19 j 22:15	0°♎	
superior conj	-3190 Jan 12 j 02:43	27°♎59'05	-1°49'26	superior conj	-3190 Dec 25 j 17:05	10°♎18'14	-1°56'14
minimum elong	-3190 Jan 12 j 05:13	28°♎11'07	1°49'23	minimum elong	-3190 Dec 25 j 17:23	10°♎19'36	1°56'21
	-3190 Jan 13 j 03:50	0°♎		evening rise	-3189 Jan 04 j 10:07	28°♎31'04	
evening rise	-3190 Jan 20 j 19:46	15°♎04'42			-3189 Jan 05 j 04:50	0°♎	
asc. node	-3190 Jan 26 j 16:09	26°♎17'47		asc. node	-3189 Jan 13 j 13:11	15°♎05'17	
	-3190 Jan 28 j 18:16	0°♎		evening max el	-3189 Jan 20 j 16:15	24°♎36'41	18°25'40
evening max el	-3190 Feb 06 j 12:17	11°♎59'58	19°02'15	retrograde	-3189 Jan 28 j 02:46	28°♎16'12	
retrograde	-3190 Feb 15 j 01:38	16°♎06'11		evening set	-3189 Jan 30 j 15:18	27°♎52'14	
evening set	-3190 Feb 17 j 10:29	15°♎48'39		inferior conj	-3189 Feb 06 j 22:46	23°♎17'32	3°46'07
inferior conj	-3190 Feb 25 j 10:38	11°♎33'52	2°59'44	minimum elong	-3189 Feb 07 j 01:25	23°♎12'06	3°45'43
minimum elong	-3190 Feb 25 j 15:22	11°♎25'32	2°58'34	min. Earth dist.	-3189 Feb 10 j 08:24	20°♎32'09	0.59010 AU
min. Earth dist.	-3190 Feb 28 j 13:30	9°♎23'29	0.57125 AU	morning rise	-3189 Feb 14 j 09:19	17°♎50'26	
morning rise	-3190 Mar 05 j 17:31	6°♎31'47		direct	-3189 Feb 20 j 15:40	16°♎08'02	
desc. node	-3190 Mar 09 j 14:05	5°♎32'26		desc. node	-3189 Feb 24 j 11:11	16°♎44'45	
direct	-3190 Mar 10 j 21:59	5°♎28'11		morning max el	-3189 Mar 06 j 22:12	23°♎44'18	26°49'13
morning max el	-3190 Mar 25 j 03:49	12°♎49'06	25°33'26		-3189 Mar 12 j 14:12	0°♎	
	-3190 Apr 07 j 13:01	0°♎			-3189 Mar 31 j 12:39	0°♎	
morning set	-3190 Apr 21 j 10:23	25°♎47'21		morning set	-3189 Apr 05 j 20:51	10°♎43'34	
	-3190 Apr 23 j 09:59	0°♎		asc. node	-3189 Apr 11 j 12:38	22°♎52'05	
asc. node	-3190 Apr 24 j 15:38	2°♎39'43					
superior conj	-3190 Apr 28 j 10:27	10°♎54'10	0°38'43	superior conj	-3189 Apr 12 j 22:10	25°♎55'37	0°14'38
minimum elong	-3190 Apr 28 j 08:49	10°♎45'17	0°38'24	minimum elong	-3189 Apr 12 j 21:31	25°♎52'04	0°14'28
max. Earth dist.	-3190 Apr 29 j 07:29	12°♎48'44	1.32816 AU	behind sun begin	-3189 Apr 12 j 19:32	25°♎41'08	
evening rise	-3190 May 05 j 13:39	26°♎07'42		behind sun end	-3189 Apr 12 j 23:31	26°♎03'00	
	-3190 May 07 j 11:20	0°♎		max. Earth dist.	-3189 Apr 12 j 20:29	25°♎46'25	1.32538 AU
	-3190 May 24 j 19:55	0°♎			-3189 Apr 14 j 18:50	0°♎	
desc. node	-3190 Jun 05 j 12:59	14°♎20'10		evening rise	-3189 Apr 19 j 21:41	10°♎58'59	
evening max el	-3190 Jun 06 j 01:53	14°♎51'24	27°10'49		-3189 Apr 29 j 17:42	0°♎	
retrograde	-3190 Jun 19 j 23:59	22°♎13'04		evening max el	-3189 May 19 j 02:56	26°♎43'05	26°23'53
evening set	-3190 Jun 27 j 00:19	19°♎56'07			-3189 May 22 j 23:26	0°♎	
min. Earth dist.	-3190 Jun 30 j 15:30	17°♎08'57	0.61665 AU	desc. node	-3189 May 23 j 10:03	0°♎19'21	
inferior conj	-3190 Jul 03 j 18:55	14°♎18'36	-4°15'26	retrograde	-3189 Jun 02 j 04:45	4°♎01'04	
minimum elong	-3190 Jul 03 j 21:25	14°♎12'54	4°15'04	evening set	-3189 Jun 08 j 13:24	2°♎19'07	
morning rise	-3190 Jul 10 j 20:02	9°♎22'33			-3189 Jun 12 j 04:29	30°♎	
direct	-3190 Jul 13 j 09:12	8°♎54'57		min. Earth dist.	-3189 Jun 12 j 16:07	29°♎38'20	0.59629 AU
morning max el	-3190 Jul 20 j 06:28	12°♎21'16	17°59'07	inferior conj	-3189 Jun 16 j 01:02	26°♎59'07	-4°24'07
asc. node	-3190 Jul 21 j 15:01	13°♎46'59		minimum elong	-3189 Jun 16 j 00:41	26°♎59'49	4°24'01
	-3190 Aug 01 j 03:19	0°♎		morning rise	-3189 Jun 23 j 14:15	22°♎24'44	
morning set	-3190 Aug 05 j 08:35	7°♎38'52		direct	-3189 Jun 26 j 02:31	22°♎02'06	
				morning max el	-3189 Jul 03 j 16:40	25°♎41'02	18°20'29
					-3189 Jul 07 j 10:17	0°♎	
superior conj	-3190 Aug 15 j 22:38	26°♎37'10	1°32'56	asc. node	-3189 Jul 08 j 12:04	1°♎29'52	
minimum elong	-3190 Aug 16 j 03:02	26°♎56'14	1°32'40	morning set	-3189 Jul 19 j 18:07	21°♎10'35	
	-3190 Aug 17 j 21:39	0°♎			-3189 Jul 24 j 09:31	0°♎	
max. Earth dist.	-3190 Aug 23 j 08:05	9°♎08'19	1.42355 AU				
evening rise	-3190 Aug 30 j 01:31	19°♎59'52		superior conj	-3189 Jul 29 j 02:12	8°♎44'29	1°46'20
desc. node	-3190 Sep 01 j 12:22	23°♎50'47		minimum elong	-3189 Jul 29 j 04:00	8°♎52'43	1°46'22
	-3190 Sep 05 j 12:10	0°♎		max. Earth dist.	-3189 Aug 05 j 13:13	21°♎58'48	1.40527 AU
	-3190 Sep 26 j 18:25	0°♎		evening rise	-3189 Aug 10 j 06:10	29°♎54'03	
evening max el	-3190 Oct 01 j 02:39	4°♎53'36	21°56'44		-3189 Aug 10 j 07:36	0°♎	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3189 Aug 19 j 09:20	14°Ω25'03		minimum elong	-3188 Jul 11 j 00:27	21°Π48'37	1°48'39
	-3189 Aug 29 j 23:54	0°൬			-3188 Jul 15 j 08:38	0°ᄇ	
evening max el	-3189 Sep 13 j 17:13	18°൬20'22	23°16'31	max. Earth dist.	-3188 Jul 17 j 15:32	4°ᄇ10'49	1.38570 AU
retrograde	-3189 Sep 24 j 00:45	24°൬26'40		evening rise	-3188 Jul 21 j 12:55	11°ᄇ04'17	
evening set	-3189 Sep 28 j 23:15	22°൬23'40			-3188 Aug 02 j 02:29	0°Ω	
inferior conj	-3189 Oct 04 j 06:53	16°൬04'38	-0°03'41	desc. node	-3188 Aug 05 j 06:19	4°Ω47'55	
minimum elong	-3189 Oct 04 j 06:58	16°൬04'21	0°03'37		-3188 Aug 24 j 09:54	0°൬	
transit middle	-3189 Oct 04 j 06:58	16°൬04'21	0°03'37	evening max el	-3188 Aug 26 j 04:53	1°൬50'38	24°36'17
transit begin	-3189 Oct 04 j 04:19	16°൬13'25		retrograde	-3188 Sep 06 j 14:15	8°൬29'58	
transit end	-3189 Oct 04 j 09:36	15°൬55'18		evening set	-3188 Sep 12 j 03:41	6°൬08'08	
min. Earth dist.	-3189 Oct 03 j 23:38	16°൬29'30	0.67456 AU	min. Earth dist.	-3188 Sep 16 j 18:50	0°൬48'34	0.67220 AU
asc. node	-3189 Oct 04 j 11:10	15°൬49'56			-3188 Sep 17 j 09:22	30°ᄇΩ	
morning rise	-3189 Oct 09 j 14:34	9°൬53'27		inferior conj	-3188 Sep 17 j 12:33	29°Ω49'20	-0°57'36
direct	-3189 Oct 13 j 19:38	8°൬14'53		minimum elong	-3188 Sep 17 j 13:55	29°Ω44'45	0°56'58
morning max el	-3189 Oct 22 j 13:42	13°൬25'01	21°27'32	asc. node	-3188 Sep 20 j 08:17	26°Ω14'48	
	-3189 Nov 04 j 14:02	0°ᄇ		morning rise	-3188 Sep 23 j 00:09	23°Ω44'32	
desc. node	-3189 Nov 15 j 09:00	15°ᄇ56'26		direct	-3188 Sep 26 j 17:00	22°Ω25'39	
morning set	-3189 Nov 22 j 17:20	27°ᄇ19'45		morning max el	-3188 Oct 04 j 11:56	26°Ω57'03	20°14'23
	-3189 Nov 24 j 09:45	0°ᄇ			-3188 Oct 07 j 05:36	0°൬	
max. Earth dist.	-3189 Nov 30 j 00:32	9°ᄇ05'30	1.42082 AU		-3188 Oct 28 j 01:48	0°ᄇ	
				morning set	-3188 Oct 31 j 15:33	5°ᄇ30'30	
superior conj	-3189 Dec 07 j 09:56	21°ᄇ32'58	-1°51'01	desc. node	-3188 Nov 01 j 05:59	6°ᄇ26'25	
minimum elong	-3189 Dec 07 j 06:33	21°ᄇ18'23	1°50'57	max. Earth dist.	-3188 Nov 11 j 10:01	22°ᄇ27'28	1.43650 AU
	-3189 Dec 12 j 05:37	0°ᄇ			-3188 Nov 16 j 01:50	0°ᄇ	
evening rise	-3189 Dec 18 j 11:53	11°ᄇ17'47					
	-3189 Dec 29 j 05:23	0°ᄇ		superior conj	-3188 Nov 17 j 00:12	1°ᄇ31'39	-1°29'56
asc. node	-3189 Dec 31 j 10:14	3°ᄇ14'02		minimum elong	-3188 Nov 16 j 17:22	1°ᄇ03'35	1°29'22
evening max el	-3188 Jan 04 j 01:54	7°ᄇ36'09	18°09'06	evening rise	-3188 Nov 29 j 20:51	23°ᄇ16'26	
retrograde	-3188 Jan 10 j 20:38	11°ᄇ04'08			-3188 Dec 03 j 18:02	0°ᄇ	
evening set	-3188 Jan 13 j 12:35	10°ᄇ32'27		asc. node	-3188 Dec 17 j 07:19	20°ᄇ32'06	
inferior conj	-3188 Jan 20 j 06:10	5°ᄇ36'07	4°00'39	evening max el	-3188 Dec 17 j 14:15	20°ᄇ49'53	18°11'54
minimum elong	-3188 Jan 20 j 06:09	5°ᄇ36'09	4°00'33	retrograde	-3188 Dec 24 j 03:06	24°ᄇ19'13	
min. Earth dist.	-3188 Jan 23 j 09:30	2°ᄇ39'57	0.61041 AU	evening set	-3188 Dec 26 j 22:37	23°ᄇ38'54	
morning rise	-3188 Jan 26 j 22:21	29°ᄇ52'05		inferior conj	-3187 Jan 02 j 05:15	18°ᄇ21'47	3°51'58
	-3188 Jan 26 j 17:37	30°ᄇᄇ		minimum elong	-3187 Jan 02 j 03:17	18°ᄇ27'01	3°51'38
direct	-3188 Feb 02 j 19:59	27°ᄇ33'34		min. Earth dist.	-3187 Jan 04 j 19:26	15°ᄇ36'52	0.62938 AU
	-3188 Feb 10 j 09:22	0°ᄇ		morning rise	-3187 Jan 08 j 07:13	12°ᄇ25'55	
desc. node	-3188 Feb 11 j 08:18	0°ᄇ36'47		direct	-3187 Jan 15 j 08:39	9°ᄇ43'29	
morning max el	-3188 Feb 16 j 22:37	5°ᄇ16'45	27°33'56	desc. node	-3187 Jan 28 j 05:23	16°ᄇ32'54	
	-3188 Mar 06 j 10:30	0°ᄇ		morning max el	-3187 Jan 29 j 04:39	17°ᄇ28'58	27°42'26
morning set	-3188 Mar 20 j 03:55	25°ᄇ27'46			-3187 Feb 08 j 16:44	0°ᄇ	
	-3188 Mar 22 j 08:08	0°ᄇ			-3187 Feb 27 j 03:45	0°ᄇ	
max. Earth dist.	-3188 Mar 26 j 09:03	8°ᄇ40'24	1.32606 AU	morning set	-3187 Mar 04 j 05:15	9°ᄇ50'59	
				max. Earth dist.	-3187 Mar 09 j 17:10	21°ᄇ15'44	1.33045 AU
superior conj	-3188 Mar 27 j 09:29	10°ᄇ53'33	-0°10'34				
minimum elong	-3188 Mar 27 j 09:58	10°ᄇ56'11	0°10'30	superior conj	-3187 Mar 11 j 18:37	25°ᄇ40'46	-0°35'59
behind sun begin	-3188 Mar 27 j 06:10	10°ᄇ35'25		minimum elong	-3187 Mar 11 j 20:14	25°ᄇ49'32	0°35'43
behind sun end	-3188 Mar 27 j 13:46	11°ᄇ16'57			-3187 Mar 13 j 18:35	0°ᄇ	
asc. node	-3188 Mar 28 j 09:39	13°ᄇ05'32		asc. node	-3187 Mar 15 j 06:40	3°ᄇ15'09	
evening rise	-3188 Apr 03 j 08:31	25°ᄇ56'39		evening rise	-3187 Mar 18 j 20:14	10°ᄇ52'32	
	-3188 Apr 05 j 07:19	0°ᄇ			-3187 Mar 28 j 17:50	0°ᄇ	
	-3188 Apr 22 j 23:12	0°ᄇ		evening max el	-3187 Apr 11 j 13:41	18°ᄇ39'03	23°37'49
evening max el	-3188 Apr 29 j 22:01	7°ᄇ54'45	25°09'13	retrograde	-3187 Apr 25 j 04:59	25°ᄇ26'48	
desc. node	-3188 May 09 j 07:09	14°ᄇ12'53		desc. node	-3187 Apr 26 j 04:16	25°ᄇ24'40	
retrograde	-3188 May 13 j 23:08	15°ᄇ03'30		evening set	-3187 Apr 29 j 01:44	24°ᄇ53'55	
evening set	-3188 May 19 j 04:32	14°ᄇ00'21		min. Earth dist.	-3187 May 06 j 00:42	21°ᄇ40'29	0.56080 AU
min. Earth dist.	-3188 May 24 j 10:12	11°ᄇ09'39	0.57659 AU	inferior conj	-3187 May 08 j 03:35	20°ᄇ24'02	-3°03'10
inferior conj	-3188 May 27 j 12:24	9°ᄇ03'20	-4°03'19	minimum elong	-3187 May 07 j 21:22	20°ᄇ33'25	3°01'33
minimum elong	-3188 May 27 j 08:17	9°ᄇ10'23	4°02'42	morning rise	-3187 May 16 j 19:50	16°ᄇ25'04	
morning rise	-3188 Jun 04 j 14:55	4°ᄇ49'28		direct	-3187 May 19 j 08:39	16°ᄇ08'54	
direct	-3188 Jun 07 j 03:03	4°ᄇ30'42		morning max el	-3187 May 29 j 14:02	20°ᄇ53'23	20°04'27
morning max el	-3188 Jun 15 j 20:05	8°ᄇ35'12	19°02'09		-3187 Jun 05 j 22:28	0°ᄇ	
asc. node	-3188 Jun 24 j 09:08	19°ᄇ59'28		asc. node	-3187 Jun 11 j 06:11	9°ᄇ03'40	
	-3188 Jun 29 j 21:21	0°Π		morning set	-3187 Jun 16 j 17:31	19°ᄇ45'01	
morning set	-3188 Jul 02 j 14:10	5°Π15'49			-3187 Jun 21 j 18:07	0°Π	
superior conj	-3188 Jul 11 j 00:56	21°Π50'56	1°48'33	superior conj	-3187 Jun 24 j 13:29	5°Π40'32	1°42'16

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3187 Jun 24 j 11:32	5° $\Pi$ 30'50	1°42'15	superior conj	-3186 Jun 08 j 11:42	20° $\text{8}$ 01'07	1°29'41
max. Earth dist.	-3187 Jun 29 j 20:00	16° $\Pi$ 00'09	1.36716 AU	minimum elong	-3186 Jun 08 j 09:07	19° $\text{8}$ 47'43	1°29'29
evening rise	-3187 Jul 03 j 19:05	23° $\Pi$ 23'48		max. Earth dist.	-3186 Jun 12 j 07:52	27° $\text{8}$ 52'05	1.35150 AU
	-3187 Jul 07 j 11:52	0° $\text{8}$			-3186 Jun 13 j 09:30	0° $\Pi$	
desc. node	-3187 Jul 23 j 03:21	24° $\text{8}$ 53'16		evening rise	-3186 Jun 16 j 19:29	6° $\Pi$ 39'02	
	-3187 Jul 26 j 18:52	0° $\Omega$			-3186 Jun 30 j 04:11	0° $\text{8}$	
evening max el	-3187 Aug 08 j 15:45	15° $\Omega$ 23'15	25°48'32	desc. node	-3186 Jul 10 j 00:24	14° $\text{8}$ 32'57	
retrograde	-3187 Aug 20 j 23:17	22° $\Omega$ 27'07		evening max el	-3186 Jul 22 j 02:59	28° $\text{8}$ 52'58	26°45'18
evening set	-3187 Aug 27 j 03:35	19° $\Omega$ 49'24			-3186 Jul 23 j 07:28	0° $\Omega$	
min. Earth dist.	-3187 Aug 31 j 10:15	15° $\Omega$ 06'56	0.66652 AU	retrograde	-3186 Aug 04 j 03:28	6° $\Omega$ 11'11	
inferior conj	-3187 Sep 01 j 15:24	13° $\Omega$ 34'09	-1°50'34	evening set	-3186 Aug 10 j 20:40	3° $\Omega$ 24'14	
minimum elong	-3187 Sep 01 j 17:59	13° $\Omega$ 25'54	1°49'29		-3186 Aug 14 j 05:44	30° $\text{R}$ $\text{8}$	
morning rise	-3187 Sep 07 j 08:33	7° $\Omega$ 38'52		min. Earth dist.	-3186 Aug 14 j 19:35	29° $\text{8}$ 19'56	0.65725 AU
asc. node	-3187 Sep 07 j 05:23	7° $\Omega$ 43'57		inferior conj	-3186 Aug 16 j 13:24	27° $\text{8}$ 15'38	-2°40'42
direct	-3187 Sep 10 j 15:16	6° $\Omega$ 36'44		minimum elong	-3186 Aug 16 j 16:57	27° $\text{8}$ 05'03	2°39'27
morning max el	-3187 Sep 17 j 17:25	10° $\Omega$ 38'19	19°14'56	morning rise	-3186 Aug 22 j 13:38	21° $\text{8}$ 32'58	
	-3187 Oct 01 j 18:49	0° $\text{R}$		asc. node	-3186 Aug 25 j 02:27	20° $\text{8}$ 45'11	
morning set	-3187 Oct 10 j 21:02	14° $\text{R}$ 09'54		direct	-3186 Aug 25 j 12:33	20° $\text{8}$ 44'12	
desc. node	-3187 Oct 19 j 02:57	27° $\text{R}$ 05'06		morning max el	-3186 Sep 01 j 04:32	24° $\text{8}$ 25'01	18°31'11
	-3187 Oct 20 j 23:29	0° $\text{8}$			-3186 Sep 05 j 18:33	0° $\Omega$	
max. Earth dist.	-3187 Oct 25 j 01:31	6° $\text{8}$ 26'07	1.44613 AU	morning set	-3186 Sep 21 j 02:52	24° $\Omega$ 02'24	
					-3186 Sep 24 j 19:27	0° $\text{R}$	
superior conj	-3187 Oct 27 j 12:29	10° $\text{8}$ 19'35	-0°51'58	desc. node	-3186 Oct 05 j 23:55	17° $\text{R}$ 48'39	
minimum elong	-3187 Oct 27 j 06:18	9° $\text{8}$ 55'02	0°51'14				
	-3187 Nov 08 j 17:30	0° $\text{R}$		superior conj	-3186 Oct 06 j 12:08	18° $\text{R}$ 36'53	-0°03'17
evening rise	-3187 Nov 11 j 08:30	4° $\text{R}$ 18'43		minimum elong	-3186 Oct 06 j 11:43	18° $\text{R}$ 35'12	0°03'12
	-3187 Nov 27 j 14:16	0° $\text{R}$		behind sun begin	-3186 Oct 06 j 00:33	17° $\text{R}$ 51'10	
evening max el	-3187 Dec 01 j 02:32	4° $\text{R}$ 11'52	18°33'11	behind sun end	-3186 Oct 06 j 22:53	19° $\text{R}$ 19'14	
asc. node	-3187 Dec 04 j 04:25	6° $\text{R}$ 45'29		max. Earth dist.	-3186 Oct 07 j 19:30	20° $\text{R}$ 40'25	1.44864 AU
retrograde	-3187 Dec 07 j 17:50	7° $\text{R}$ 53'16			-3186 Oct 13 j 17:47	0° $\text{8}$	
evening set	-3187 Dec 10 j 17:57	7° $\text{R}$ 03'01		evening rise	-3186 Oct 22 j 19:33	14° $\text{8}$ 17'57	
inferior conj	-3187 Dec 16 j 16:12	1° $\text{R}$ 27'30	3°27'11	greatest brilliancy	-3186 Nov 01 j 02:17	28° $\text{8}$ 55'44	-0.8m
minimum elong	-3187 Dec 16 j 13:16	1° $\text{R}$ 36'06	3°26'29		-3186 Nov 01 j 18:47	0° $\text{R}$	
	-3187 Dec 17 j 21:51	30° $\text{R}$ $\text{R}$		evening max el	-3186 Nov 14 j 12:18	17° $\text{R}$ 37'25	19°11'49
min. Earth dist.	-3187 Dec 18 j 15:29	29° $\text{R}$ 08'42	0.64541 AU	asc. node	-3186 Nov 21 j 01:29	21° $\text{R}$ 38'20	
morning rise	-3187 Dec 22 j 08:11	25° $\text{R}$ 23'03		retrograde	-3186 Nov 21 j 13:09	21° $\text{R}$ 39'41	
direct	-3187 Dec 29 j 04:24	22° $\text{R}$ 31'35		evening set	-3186 Nov 24 j 19:37	20° $\text{R}$ 37'35	
	-3186 Jan 11 j 08:28	0° $\text{R}$		inferior conj	-3186 Nov 30 j 11:39	14° $\text{R}$ 46'43	2°51'19
morning max el	-3186 Jan 11 j 13:54	0° $\text{R}$ 13'26	27°16'03	minimum elong	-3186 Nov 30 j 08:35	14° $\text{R}$ 56'25	2°50'22
desc. node	-3186 Jan 15 j 02:26	3° $\text{R}$ 58'50		min. Earth dist.	-3186 Dec 01 j 20:46	13° $\text{R}$ 01'49	0.65790 AU
	-3186 Feb 02 j 15:47	0° $\text{8}$		morning rise	-3186 Dec 05 j 21:16	8° $\text{R}$ 36'15	
morning set	-3186 Feb 15 j 22:00	23° $\text{8}$ 44'06		direct	-3186 Dec 12 j 06:31	5° $\text{R}$ 49'13	
	-3186 Feb 19 j 01:38	0° $\approx$		morning max el	-3186 Dec 24 j 23:34	13° $\text{R}$ 16'43	26°20'48
max. Earth dist.	-3186 Feb 20 j 16:55	3° $\approx$ 20'26	1.33889 AU	desc. node	-3185 Jan 01 j 23:27	22° $\text{R}$ 27'48	
					-3185 Jan 07 j 14:04	0° $\text{R}$	
superior conj	-3186 Feb 23 j 23:41	10° $\approx$ 11'07	-1°00'36		-3185 Jan 26 j 07:51	0° $\text{8}$	
minimum elong	-3186 Feb 24 j 02:18	10° $\approx$ 24'57	1°00'13	morning set	-3185 Jan 30 j 02:16	6° $\text{8}$ 54'32	
asc. node	-3186 Mar 02 j 03:42	23° $\approx$ 16'51		max. Earth dist.	-3185 Feb 03 j 05:03	14° $\text{8}$ 48'24	1.35177 AU
evening rise	-3186 Mar 03 j 07:03	25° $\approx$ 40'27					
	-3186 Mar 05 j 09:20	0° $\text{R}$		superior conj	-3185 Feb 07 j 22:22	24° $\text{8}$ 17'01	-1°23'05
evening max el	-3186 Mar 24 j 08:04	29° $\text{R}$ 23'30	22°04'05	minimum elong	-3185 Feb 08 j 01:35	24° $\text{8}$ 33'33	1°22'43
	-3186 Mar 24 j 23:42	0° $\text{Y}$			-3185 Feb 10 j 16:51	0° $\approx$	
retrograde	-3186 Apr 05 j 23:23	5° $\text{Y}$ 32'25		evening rise	-3185 Feb 15 j 15:05	10° $\approx$ 13'37	
evening set	-3186 Apr 08 j 17:55	5° $\text{Y}$ 15'21		asc. node	-3185 Feb 17 j 00:44	13° $\approx$ 05'32	
desc. node	-3186 Apr 13 j 01:22	3° $\text{Y}$ 48'41			-3185 Feb 26 j 05:05	0° $\text{R}$	
min. Earth dist.	-3186 Apr 17 j 14:25	1° $\text{Y}$ 26'15	0.55217 AU	evening max el	-3185 Mar 06 j 11:02	10° $\text{R}$ 33'12	20°40'01
inferior conj	-3186 Apr 18 j 03:01	1° $\text{Y}$ 08'29	-1°23'54	retrograde	-3185 Mar 17 j 13:02	15° $\text{R}$ 50'21	
minimum elong	-3186 Apr 17 j 23:12	1° $\text{Y}$ 13'52	1°22'37	evening set	-3185 Mar 19 j 20:04	15° $\text{R}$ 37'40	
	-3186 Apr 20 j 04:17	30° $\text{R}$ $\text{R}$		inferior conj	-3185 Mar 28 j 22:22	11° $\text{R}$ 39'59	0°33'25
morning rise	-3186 Apr 27 j 05:50	27° $\text{R}$ 10'42		minimum elong	-3185 Mar 28 j 23:53	11° $\text{R}$ 37'48	0°32'52
direct	-3186 Apr 29 j 23:17	26° $\text{R}$ 54'01		min. Earth dist.	-3185 Mar 30 j 04:35	10° $\text{R}$ 56'19	0.55272 AU
	-3186 May 08 j 19:38	0° $\text{Y}$		desc. node	-3185 Mar 30 j 22:26	10° $\text{R}$ 30'51	
morning max el	-3186 May 11 j 21:11	2° $\text{Y}$ 30'15	21°25'45	morning rise	-3185 Apr 07 j 02:30	7° $\text{R}$ 24'44	
asc. node	-3186 May 29 j 03:11	28° $\text{Y}$ 33'49		direct	-3185 Apr 10 j 11:22	7° $\text{R}$ 00'02	
	-3186 May 29 j 20:27	0° $\text{8}$		morning max el	-3185 Apr 23 j 18:25	13° $\text{R}$ 28'27	23°01'03
morning set	-3186 Jun 01 j 01:41	4° $\text{8}$ 31'11			-3185 May 06 j 07:28	0° $\text{Y}$	
				asc. node	-3185 May 16 j 00:13	18° $\text{Y}$ 23'10	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3185 May 16 j 12:44	19° $\Upsilon$ 28'24		morning set	-3184 Apr 30 j 00:52	4° $\Upsilon$ 30'01	
	-3185 May 21 j 11:33	0° $\mathcal{B}$		asc. node	-3184 May 01 j 21:13	8° $\Upsilon$ 25'19	
superior conj	-3185 May 23 j 16:31	4° $\mathcal{B}$ 43'09	1°12'27	superior conj	-3184 May 07 j 01:30	19° $\Upsilon$ 37'48	0°51'47
minimum elong	-3185 May 23 j 13:57	4° $\mathcal{B}$ 29'26	1°12'06	minimum elong	-3184 May 06 j 23:25	19° $\Upsilon$ 26'32	0°51'25
max. Earth dist.	-3185 May 26 j 05:42	10° $\mathcal{B}$ 06'19	1.33951 AU	max. Earth dist.	-3184 May 08 j 12:07	22° $\Upsilon$ 44'56	1.33127 AU
evening rise	-3185 May 31 j 09:16	20° $\mathcal{B}$ 36'12			-3184 May 11 j 21:55	0° $\mathcal{B}$	
	-3185 Jun 05 j 07:10	0° $\Pi$		evening rise	-3184 May 14 j 08:25	5° $\mathcal{B}$ 02'07	
	-3185 Jun 24 j 02:42	0° $\mathcal{E}$			-3184 May 27 j 22:58	0° $\Pi$	
desc. node	-3185 Jun 26 j 21:25	3° $\mathcal{E}$ 36'04		desc. node	-3184 Jun 12 j 18:28	21° $\Pi$ 46'32	
evening max el	-3185 Jul 04 j 14:15	12° $\mathcal{E}$ 11'11	27°18'57	evening max el	-3184 Jun 15 j 23:33	25° $\Pi$ 04'43	27°23'16
retrograde	-3185 Jul 18 j 02:15	19° $\mathcal{E}$ 34'24			-3184 Jun 22 j 04:45	0° $\mathcal{E}$	
evening set	-3185 Jul 25 j 04:08	16° $\mathcal{E}$ 48'39		retrograde	-3184 Jun 29 j 18:44	2° $\mathcal{E}$ 27'01	
min. Earth dist.	-3185 Jul 28 j 20:49	13° $\mathcal{E}$ 20'30	0.64422 AU	evening set	-3184 Jul 06 j 22:23	29° $\Pi$ 55'50	
inferior conj	-3185 Jul 31 j 04:15	10° $\mathcal{E}$ 49'50	-3°25'28		-3184 Jul 06 j 19:58	30° $\mathcal{R}\Pi$	
minimum elong	-3185 Jul 31 j 08:14	10° $\mathcal{E}$ 38'59	3°24'21	min. Earth dist.	-3184 Jul 10 j 12:20	26° $\Pi$ 57'00	0.62761 AU
morning rise	-3185 Aug 06 j 13:02	5° $\mathcal{E}$ 22'43		inferior conj	-3184 Jul 13 j 09:07	24° $\Pi$ 09'46	-4°01'10
direct	-3185 Aug 09 j 06:30	4° $\mathcal{E}$ 44'06		minimum elong	-3184 Jul 13 j 12:33	24° $\Pi$ 01'21	4°00'29
asc. node	-3185 Aug 11 j 23:30	5° $\mathcal{E}$ 22'07		morning rise	-3184 Jul 20 j 03:51	19° $\Pi$ 01'20	
morning max el	-3185 Aug 15 j 18:53	8° $\mathcal{E}$ 12'35	18°04'25	direct	-3184 Jul 22 j 18:07	18° $\Pi$ 30'11	
	-3185 Aug 30 j 10:01	0° $\mathcal{Q}$		asc. node	-3184 Jul 28 j 20:34	21° $\Pi$ 23'09	
morning set	-3185 Sep 02 j 12:13	5° $\mathcal{Q}$ 14'27		morning max el	-3184 Jul 29 j 09:48	21° $\Pi$ 54'36	17°55'36
					-3184 Aug 04 j 14:54	0° $\mathcal{E}$	
superior conj	-3185 Sep 15 j 21:44	27° $\mathcal{Q}$ 27'31	0°43'43	morning set	-3184 Aug 14 j 20:33	17° $\mathcal{E}$ 32'11	
minimum elong	-3185 Sep 16 j 02:28	27° $\mathcal{Q}$ 46'36	0°43'11		-3184 Aug 21 j 22:34	0° $\mathcal{Q}$	
	-3185 Sep 17 j 11:37	0° $\mathcal{M}$		superior conj	-3184 Aug 26 j 08:25	7° $\mathcal{Q}$ 32'33	1°19'07
max. Earth dist.	-3185 Sep 20 j 12:52	4° $\mathcal{M}$ 52'29	1.44391 AU	minimum elong	-3184 Aug 26 j 13:51	7° $\mathcal{Q}$ 55'30	1°18'38
desc. node	-3185 Sep 22 j 20:54	8° $\mathcal{M}$ 34'12		max. Earth dist.	-3184 Sep 02 j 03:03	18° $\mathcal{Q}$ 45'07	1.43260 AU
evening rise	-3185 Oct 02 j 08:43	23° $\mathcal{M}$ 22'45		desc. node	-3184 Sep 08 j 17:52	29° $\mathcal{Q}$ 18'01	
	-3185 Oct 06 j 15:53	0° $\mathcal{L}$			-3184 Sep 09 j 04:35	0° $\mathcal{M}$	
greatest brilliancy	-3185 Oct 16 j 02:57	14° $\mathcal{L}$ 19'43	-0.6m	evening rise	-3184 Sep 10 j 13:18	2° $\mathcal{M}$ 07'40	
	-3185 Oct 27 j 17:28	0° $\mathcal{M}$			-3184 Sep 29 j 05:35	0° $\mathcal{L}$	
evening max el	-3185 Oct 28 j 17:34	1° $\mathcal{M}$ 04'31	20°06'05	evening max el	-3184 Oct 10 j 17:01	14° $\mathcal{L}$ 31'21	21°13'31
retrograde	-3185 Nov 05 j 10:19	5° $\mathcal{M}$ 35'15		retrograde	-3184 Oct 19 j 07:13	19° $\mathcal{L}$ 36'53	
asc. node	-3185 Nov 07 j 22:33	4° $\mathcal{M}$ 58'48		evening set	-3184 Oct 23 j 08:58	18° $\mathcal{L}$ 03'34	
evening set	-3185 Nov 09 j 01:18	4° $\mathcal{M}$ 18'49		asc. node	-3184 Oct 24 j 19:37	16° $\mathcal{L}$ 45'40	
	-3185 Nov 13 j 05:14	30° $\mathcal{R}\mathcal{L}$		inferior conj	-3184 Oct 28 j 17:50	11° $\mathcal{L}$ 51'36	1°19'10
inferior conj	-3185 Nov 14 j 12:56	28° $\mathcal{L}$ 15'46	2°07'50	minimum elong	-3184 Oct 28 j 16:05	11° $\mathcal{L}$ 57'36	1°18'27
minimum elong	-3185 Nov 14 j 10:20	28° $\mathcal{L}$ 24'27	2°06'52	min. Earth dist.	-3184 Oct 29 j 02:52	11° $\mathcal{L}$ 20'36	0.67228 AU
min. Earth dist.	-3185 Nov 15 j 09:20	27° $\mathcal{L}$ 07'45	0.66681 AU	morning rise	-3184 Nov 02 j 23:01	5° $\mathcal{L}$ 36'48	
morning rise	-3185 Nov 19 j 19:08	22° $\mathcal{L}$ 01'52		direct	-3184 Nov 08 j 02:53	3° $\mathcal{L}$ 24'09	
direct	-3185 Nov 25 j 14:17	19° $\mathcal{L}$ 29'07		morning max el	-3184 Nov 18 j 17:06	9° $\mathcal{L}$ 43'16	23°40'25
morning max el	-3185 Dec 07 j 08:15	26° $\mathcal{L}$ 28'12	25°05'36		-3184 Dec 04 j 17:15	0° $\mathcal{M}$	
	-3185 Dec 10 j 15:03	0° $\mathcal{M}$		desc. node	-3184 Dec 05 j 17:31	1° $\mathcal{M}$ 27'20	
desc. node	-3185 Dec 19 j 20:29	11° $\mathcal{M}$ 41'39		morning set	-3184 Dec 23 j 23:58	0° $\mathcal{M}$ 07'34	
	-3184 Jan 01 j 04:35	0° $\mathcal{M}$			-3184 Dec 23 j 22:10	0° $\mathcal{M}$	
morning set	-3184 Jan 12 j 12:58	19° $\mathcal{M}$ 07'42		max. Earth dist.	-3184 Dec 28 j 01:44	7° $\mathcal{M}$ 09'58	1.38925 AU
max. Earth dist.	-3184 Jan 16 j 05:54	25° $\mathcal{M}$ 53'00	1.36902 AU				
	-3184 Jan 18 j 10:30	0° $\mathcal{B}$		superior conj	-3183 Jan 04 j 12:00	20° $\mathcal{M}$ 41'01	-1°53'32
superior conj	-3184 Jan 22 j 11:45	7° $\mathcal{B}$ 50'25	-1°41'33	minimum elong	-3183 Jan 04 j 13:46	20° $\mathcal{M}$ 49'19	1°53'36
minimum elong	-3184 Jan 22 j 14:51	8° $\mathcal{B}$ 05'39	1°41'23		-3183 Jan 09 j 09:04	0° $\mathcal{B}$	
evening rise	-3184 Jan 30 j 18:18	24° $\mathcal{B}$ 26'14		evening rise	-3183 Jan 13 j 14:15	8° $\mathcal{B}$ 12'09	
	-3184 Feb 02 j 13:32	0° $\approx$		asc. node	-3183 Jan 20 j 18:47	21° $\mathcal{B}$ 41'33	
asc. node	-3184 Feb 03 j 21:45	2° $\approx$ 35'50			-3183 Jan 26 j 01:03	0° $\approx$	
evening max el	-3184 Feb 17 j 00:46	22° $\approx$ 18'53	19°32'26	evening max el	-3183 Jan 30 j 00:16	4° $\approx$ 39'18	18°44'13
retrograde	-3184 Feb 26 j 10:07	26° $\approx$ 46'49		retrograde	-3183 Feb 07 j 00:34	8° $\approx$ 31'59	
evening set	-3184 Feb 28 j 17:14	26° $\approx$ 32'00		evening set	-3183 Feb 09 j 11:11	8° $\approx$ 11'44	
inferior conj	-3184 Mar 08 j 03:40	22° $\approx$ 26'53	2°16'05	inferior conj	-3183 Feb 17 j 03:54	3° $\approx$ 48'44	3°23'49
minimum elong	-3184 Mar 08 j 08:24	22° $\approx$ 19'15	2°14'39	minimum elong	-3183 Feb 17 j 07:59	3° $\approx$ 41'06	3°23'00
min. Earth dist.	-3184 Mar 10 j 19:14	20° $\approx$ 45'02	0.56240 AU	min. Earth dist.	-3183 Feb 20 j 11:36	1° $\approx$ 20'58	0.57889 AU
morning rise	-3184 Mar 16 j 20:57	17° $\approx$ 42'30			-3183 Feb 22 j 11:57	30° $\mathcal{R}\mathcal{B}$	
desc. node	-3184 Mar 16 j 19:32	17° $\approx$ 43'41		morning rise	-3183 Feb 25 j 02:15	28° $\mathcal{B}$ 35'24	
direct	-3184 Mar 21 j 08:41	16° $\approx$ 56'55		direct	-3183 Mar 02 j 18:51	27° $\mathcal{B}$ 15'53	
morning max el	-3184 Apr 04 j 09:42	24° $\approx$ 03'26	24°40'17	desc. node	-3183 Mar 03 j 16:39	27° $\mathcal{B}$ 17'55	
	-3184 Apr 09 j 19:05	0° $\mathcal{H}$			-3183 Mar 11 j 04:10	0° $\approx$	
	-3184 Apr 27 j 20:43	0° $\Upsilon$		morning max el	-3183 Mar 17 j 01:28	4° $\approx$ 43'50	26°08'57

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3183 Apr 04 j 10:07	0°𐤇			-3182 Mar 27 j 18:33	0°𐤇	
morning set	-3183 Apr 14 j 12:28	19°𐤇30'14		morning set	-3182 Mar 29 j 21:44	4°𐤇21'56	
asc. node	-3183 Apr 18 j 18:16	28°𐤇35'25		max. Earth dist.	-3182 Apr 05 j 13:24	18°𐤇38'05	1.32525 AU
	-3183 Apr 19 j 09:47	0°𐤙		asc. node	-3182 Apr 05 j 15:17	18°𐤇48'22	
superior conj	-3183 Apr 21 j 12:44	4°𐤙38'31	0°28'41	superior conj	-3182 Apr 06 j 00:27	19°𐤇38'35	0°04'02
minimum elong	-3183 Apr 21 j 11:29	4°𐤙31'45	0°28'26	minimum elong	-3182 Apr 06 j 00:17	19°𐤇37'36	0°03'58
max. Earth dist.	-3183 Apr 21 j 24:00	5°𐤙40'09	1.32657 AU	behind sun begin	-3182 Apr 05 j 19:24	19°𐤇10'56	
evening rise	-3183 Apr 28 j 13:57	19°𐤙46'44		behind sun end	-3182 Apr 06 j 05:09	20°𐤇04'15	
	-3183 May 03 j 16:35	0°𐤛			-3182 Apr 10 j 18:34	0°𐤙	
	-3183 May 22 j 12:57	0°𐤓		evening rise	-3182 Apr 12 j 23:25	4°𐤙41'00	
evening max el	-3183 May 29 j 04:16	7°𐤓21'09	26°54'45		-3182 Apr 26 j 12:40	0°𐤛	
desc. node	-3183 May 30 j 15:31	8°𐤓42'01		evening max el	-3182 May 11 j 02:26	18°𐤛53'38	25°54'53
retrograde	-3183 Jun 12 j 03:53	14°𐤓40'39		desc. node	-3182 May 17 j 12:36	23°𐤛51'56	
evening set	-3183 Jun 18 j 23:14	12°𐤓37'29		retrograde	-3182 May 25 j 04:22	26°𐤛08'53	
min. Earth dist.	-3183 Jun 22 j 17:46	9°𐤓55'16	0.60816 AU	evening set	-3182 May 31 j 02:57	24°𐤛43'20	
inferior conj	-3183 Jun 26 j 00:36	7°𐤓07'17	-4°22'02	min. Earth dist.	-3182 Jun 04 j 14:54	22°𐤛00'29	0.58764 AU
minimum elong	-3183 Jun 26 j 02:04	7°𐤓04'06	4°21'51	inferior conj	-3182 Jun 07 j 23:00	19°𐤛32'33	-4°19'33
morning rise	-3183 Jul 03 j 06:40	2°𐤓20'09		minimum elong	-3182 Jun 07 j 21:03	19°𐤛36'10	4°19'21
direct	-3183 Jul 05 j 19:29	1°𐤓54'39		morning rise	-3182 Jun 15 j 17:47	15°𐤛07'38	
morning max el	-3183 Jul 12 j 22:32	5°𐤓24'38	18°05'45	direct	-3182 Jun 18 j 06:02	14°𐤛46'44	
asc. node	-3183 Jul 15 j 17:38	8°𐤓33'06		morning max el	-3182 Jun 26 j 06:12	18°𐤛34'23	18°35'49
morning set	-3183 Jul 28 j 22:17	0°𐤛40'34		asc. node	-3182 Jul 02 j 14:43	26°𐤛37'02	
	-3183 Jul 28 j 13:33	0°𐤛			-3182 Jul 04 j 16:45	0°𐤓	
				morning set	-3182 Jul 12 j 12:43	14°𐤓27'31	
superior conj	-3183 Aug 07 j 22:21	18°𐤛58'53	1°40'09		-3182 Jul 20 j 14:51	0°𐤛	
minimum elong	-3183 Aug 08 j 01:40	19°𐤛13'39	1°40'03				
	-3183 Aug 14 j 06:50	0°𐤓		superior conj	-3182 Jul 21 j 10:49	1°𐤛33'40	1°48'27
max. Earth dist.	-3183 Aug 15 j 12:06	2°𐤓03'15	1.41618 AU	minimum elong	-3182 Jul 21 j 11:34	1°𐤛37'09	1°48'34
evening rise	-3183 Aug 21 j 04:58	11°𐤓24'43		max. Earth dist.	-3182 Jul 28 j 15:38	14°𐤛36'39	1.39690 AU
desc. node	-3183 Aug 26 j 14:50	19°𐤓56'53		evening rise	-3182 Aug 01 j 20:36	21°𐤛50'28	
	-3183 Sep 02 j 05:56	0°𐤓			-3182 Aug 06 j 19:28	0°𐤓	
evening max el	-3183 Sep 23 j 10:25	27°𐤓57'28	22°30'12	desc. node	-3182 Aug 13 j 11:49	10°𐤓27'02	
	-3183 Sep 25 j 14:19	0°𐤓			-3182 Aug 27 j 06:08	0°𐤓	
retrograde	-3183 Oct 03 j 02:12	3°𐤓41'38		evening max el	-3182 Sep 05 j 23:17	11°𐤓25'14	23°50'48
evening set	-3183 Oct 07 j 16:45	1°𐤓49'28		retrograde	-3182 Sep 16 j 18:08	17°𐤓46'56	
	-3183 Oct 09 j 13:29	30°𐤓		evening set	-3182 Sep 21 j 22:56	15°𐤓35'29	
asc. node	-3183 Oct 11 j 16:43	27°𐤓20'18		inferior conj	-3182 Sep 27 j 06:53	9°𐤓15'54	-0°26'32
inferior conj	-3183 Oct 13 j 00:23	25°𐤓31'57	0°27'08	minimum elong	-3182 Sep 27 j 07:30	9°𐤓13'46	0°26'14
minimum elong	-3183 Oct 12 j 23:45	25°𐤓34'07	0°26'53	min. Earth dist.	-3182 Sep 26 j 19:10	9°𐤓55'47	0.67392 AU
min. Earth dist.	-3183 Oct 12 j 22:55	25°𐤓37'00	0.67461 AU	asc. node	-3182 Sep 28 j 13:49	7°𐤓31'50	
morning rise	-3183 Oct 18 j 06:38	19°𐤓18'49		morning rise	-3182 Oct 02 j 16:02	3°𐤓07'10	
direct	-3183 Oct 22 j 19:36	17°𐤓28'09		direct	-3182 Oct 06 j 15:34	1°𐤓37'32	
morning max el	-3183 Nov 01 j 05:07	23°𐤓02'50	22°14'23	morning max el	-3182 Oct 14 j 23:16	6°𐤓30'26	20°54'58
	-3183 Nov 07 j 05:37	0°𐤓			-3182 Nov 01 j 13:25	0°𐤓	
desc. node	-3183 Nov 22 j 14:30	21°𐤓34'57		desc. node	-3182 Nov 09 j 11:29	11°𐤓58'23	
	-3183 Nov 28 j 02:57	0°𐤓		morning set	-3182 Nov 13 j 11:39	18°𐤓10'31	
morning set	-3183 Dec 04 j 06:21	9°𐤓43'06			-3182 Nov 20 j 22:34	0°𐤓	
max. Earth dist.	-3183 Dec 10 j 00:04	19°𐤓10'11	1.40991 AU	max. Earth dist.	-3182 Nov 22 j 04:56	2°𐤓02'55	1.42811 AU
	-3183 Dec 16 j 07:04	0°𐤛					
superior conj	-3183 Dec 17 j 17:55	2°𐤛34'26	-1°55'45	superior conj	-3182 Nov 28 j 23:55	13°𐤓17'33	-1°44'11
minimum elong	-3183 Dec 17 j 16:48	2°𐤛29'25	1°55'50	minimum elong	-3182 Nov 28 j 18:51	12°𐤓56'10	1°43'55
evening rise	-3183 Dec 27 j 23:45	21°𐤛22'57			-3182 Dec 08 j 15:07	0°𐤛	
	-3182 Jan 01 j 15:30	0°𐤛		evening rise	-3182 Dec 10 j 19:00	3°𐤛50'43	
asc. node	-3182 Jan 07 j 15:51	10°𐤛13'50		asc. node	-3182 Dec 25 j 12:55	28°𐤛02'35	
evening max el	-3182 Jan 13 j 06:58	17°𐤛26'20	18°16'08		-3182 Dec 27 j 05:29	0°𐤛	
retrograde	-3182 Jan 20 j 09:31	20°𐤛59'31		evening max el	-3182 Dec 27 j 18:04	0°𐤛32'25	18°07'53
evening set	-3182 Jan 22 j 23:30	20°𐤛32'22		retrograde	-3181 Jan 03 j 09:24	3°𐤛59'51	
inferior conj	-3182 Jan 30 j 00:38	15°𐤛48'08	3°55'40	evening set	-3181 Jan 06 j 02:38	3°𐤛24'48	
minimum elong	-3182 Jan 30 j 02:08	15°𐤛44'53	3°55'28		-3181 Jan 10 j 21:46	30°𐤓𐤛	
min. Earth dist.	-3182 Feb 02 j 08:37	12°𐤛55'23	0.59875 AU	inferior conj	-3181 Jan 12 j 15:14	28°𐤛19'26	3°59'19
morning rise	-3182 Feb 06 j 02:55	10°𐤛12'50		minimum elong	-3181 Jan 12 j 14:16	28°𐤛21'50	3°59'09
direct	-3182 Feb 12 j 17:00	8°𐤛14'28		min. Earth dist.	-3181 Jan 15 j 13:28	25°𐤛25'29	0.61878 AU
desc. node	-3182 Feb 18 j 13:45	9°𐤛41'29		morning rise	-3181 Jan 19 j 00:47	22°𐤛29'30	
morning max el	-3182 Feb 26 j 22:29	15°𐤛54'03	27°12'37	direct	-3181 Jan 26 j 01:11	191°𐤛58'54	
	-3182 Mar 10 j 11:19	0°𐤛		desc. node	-3181 Feb 05 j 10:51	24°𐤛30'36	
				morning max el	-3181 Feb 09 j 01:43	27°𐤛44'28	27°41'57

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3181 Feb 11 j 06:14	0°☿		morning max el	-3180 Jan 22 j 09:21	10°☿11'24	27°35'03
	-3181 Mar 04 j 03:02	0°♊		desc. node	-3180 Jan 23 j 07:55	11°☿08'28	
morning set	-3181 Mar 14 j 02:39	18°♊58'01			-3180 Feb 07 j 00:09	0°☿	
	-3181 Mar 19 j 08:42	0°♋			-3180 Feb 24 j 10:08	0°♊	
max. Earth dist.	-3181 Mar 20 j 00:27	1°♋24'53	1.32744 AU	morning set	-3180 Feb 26 j 00:45	3°♊09'58	
				max. Earth dist.	-3180 Mar 02 j 05:15	13°♊47'33	1.33347 AU
superior conj	-3181 Mar 21 j 11:02	4°♋32'15	-0°21'24				
minimum elong	-3181 Mar 21 j 12:01	4°♋37'32	0°21'14	superior conj	-3180 Mar 04 j 18:43	19°♊13'34	-0°46'37
asc. node	-3181 Mar 23 j 12:19	9°♋00'23		minimum elong	-3180 Mar 04 j 20:48	19°♊24'40	0°46'16
evening rise	-3181 Mar 28 j 10:49	19°♋37'59		asc. node	-3180 Mar 09 j 09:20	29°♊07'22	
	-3181 Apr 02 j 13:19	0°♌			-3180 Mar 09 j 19:10	0°♋	
	-3181 Apr 22 j 23:35	0°♍		evening rise	-3180 Mar 11 j 22:21	4°♋31'23	
evening max el	-3181 Apr 22 j 19:13	29°♌49'36	24°31'27		-3180 Mar 25 j 20:50	0°♌	
desc. node	-3181 May 04 j 09:43	6°♍39'33		evening max el	-3180 Apr 03 j 11:26	10°♌31'35	22°57'29
retrograde	-3181 May 06 j 18:02	6°♍52'16		retrograde	-3180 Apr 16 j 18:43	17°♌04'43	
evening set	-3181 May 11 j 09:22	6°♍03'40		evening set	-3180 Apr 20 j 02:31	16°♌40'33	
min. Earth dist.	-3181 May 17 j 07:08	3°♍04'25	0.56909 AU	desc. node	-3180 Apr 20 j 06:50	16°♌37'55	
inferior conj	-3181 May 20 j 01:34	1°♍17'31	-3°42'59	min. Earth dist.	-3180 Apr 27 j 21:27	13°♌13'41	0.55605 AU
minimum elong	-3181 May 19 j 20:09	1°♍26'18	3°41'54	inferior conj	-3180 Apr 29 j 09:13	12°♌21'51	-2°25'10
	-3181 May 22 j 02:40	30°♎♌		minimum elong	-3180 Apr 29 j 03:25	12°♌30'17	2°23'24
morning rise	-3181 May 28 j 10:03	27°♌11'21		morning rise	-3180 May 08 j 06:35	8°♌25'03	
direct	-3181 May 30 j 22:05	26°♌54'03		direct	-3180 May 10 j 20:27	8°♌09'13	
	-3181 Jun 07 j 19:30	0°♍		morning max el	-3180 May 21 j 19:22	13°♌15'27	20°36'53
morning max el	-3181 Jun 09 j 05:55	1°♍14'06	19°26'19		-3180 Jun 02 j 20:47	0°♍	
asc. node	-3181 Jun 19 j 11:46	15°♍22'04		asc. node	-3180 Jun 05 j 08:48	4°♍38'31	
morning set	-3181 Jun 26 j 12:09	28°♍43'03		morning set	-3180 Jun 09 j 17:50	13°♍20'19	
	-3181 Jun 27 j 03:34	0°♎					
superior conj	-3181 Jul 04 j 15:58	14°♎59'43	1°46'47	superior conj	-3180 Jun 17 j 09:03	29°♍03'45	1°37'36
minimum elong	-3181 Jul 04 j 14:45	14°♎53'48	1°46'51	minimum elong	-3180 Jun 17 j 06:45	28°♍52'01	1°37'30
max. Earth dist.	-3181 Jul 10 j 17:29	26°♎33'07	1.37743 AU		-3180 Jun 17 j 20:07	0°♎	
	-3181 Jul 12 j 14:42	0°♏		max. Earth dist.	-3180 Jun 22 j 00:33	8°♎20'26	1.36007 AU
evening rise	-3181 Jul 14 j 13:49	3°♏31'08		evening rise	-3180 Jun 26 j 04:27	16°♎16'36	
	-3181 Jul 30 j 21:10	0°♐			-3180 Jul 03 j 22:07	0°♏	
desc. node	-3181 Jul 31 j 08:50	0°♐43'05		desc. node	-3180 Jul 17 j 05:52	20°♏38'30	
evening max el	-3181 Aug 19 j 10:13	24°♐56'11	25°08'28		-3180 Jul 24 j 07:02	0°♐	
	-3181 Aug 25 j 16:09	0°♑		evening max el	-3180 Jul 31 j 21:23	8°♐28'58	26°15'09
retrograde	-3181 Aug 31 j 05:58	1°♑48'03		retrograde	-3180 Aug 13 j 12:58	15°♐39'58	
	-3181 Sep 05 j 05:19	30°♒♐		evening set	-3180 Aug 19 j 22:57	12°♐57'39	
evening set	-3181 Sep 06 j 01:41	29°♐18'58		min. Earth dist.	-3180 Aug 24 j 02:20	8°♐31'07	0.66301 AU
min. Earth dist.	-3181 Sep 10 j 13:07	24°♐14'44	0.67012 AU	inferior conj	-3180 Aug 25 j 12:36	6°♐44'50	-2°12'20
inferior conj	-3181 Sep 11 j 11:34	23°♐01'00	-1°20'16	minimum elong	-3180 Aug 25 j 15:39	6°♐35'23	2°11'07
minimum elong	-3181 Sep 11 j 13:28	22°♐54'44	1°19'26	morning rise	-3180 Aug 31 j 08:33	0°♐54'13	
asc. node	-3181 Sep 15 j 10:55	18°♐18'32		asc. node	-3180 Sep 01 j 08:00	0°♐24'40	
morning rise	-3181 Sep 17 j 01:19	16°♐59'41			-3180 Sep 02 j 21:41	30°♒♏	
direct	-3181 Sep 20 j 13:29	15°♐48'25		direct	-3180 Sep 03 j 11:42	29°♏58'04	
morning max el	-3181 Sep 28 j 00:40	20°♐06'30	19°47'15		-3180 Sep 04 j 01:48	0°♐	
	-3181 Oct 05 j 21:52	0°♑		morning max el	-3180 Sep 10 j 08:40	3°♐49'51	18°54'16
morning set	-3181 Oct 23 j 09:57	26°♑24'52			-3180 Sep 28 j 12:43	0°♑	
	-3181 Oct 25 j 17:21	0°♒		morning set	-3180 Oct 02 j 00:33	5°♑32'06	
desc. node	-3181 Oct 27 j 08:27	2°♒32'20		desc. node	-3180 Oct 13 j 05:24	23°♑13'12	
max. Earth dist.	-3181 Nov 04 j 16:42	15°♒40'24	1.44141 AU	max. Earth dist.	-3180 Oct 17 j 09:34	29°♑47'36	1.44815 AU
					-3180 Oct 17 j 12:43	0°♒	
superior conj	-3181 Nov 09 j 02:28	22°♒43'56	-1°15'44	superior conj	-3180 Oct 18 j 06:56	1°♒11'49	-0°31'57
minimum elong	-3181 Nov 08 j 19:11	22°♒14'34	1°15'00	minimum elong	-3180 Oct 18 j 02:47	0°♒55'30	0°31'25
	-3181 Nov 13 j 13:39	0°♓		evening rise	-3180 Nov 02 j 20:42	26°♒01'17	
evening rise	-3181 Nov 22 j 19:23	15°♓26'00			-3180 Nov 05 j 07:44	0°♓	
	-3181 Dec 01 j 10:55	0°♈		evening max el	-3180 Nov 23 j 18:17	27°♓14'41	18°47'37
evening max el	-3181 Dec 11 j 06:43	13°♈50'23	18°18'46		-3180 Nov 27 j 02:18	0°♈	
asc. node	-3181 Dec 12 j 09:58	14°♈54'54		asc. node	-3180 Nov 28 j 07:02	0°♈35'59	
retrograde	-3181 Dec 17 j 19:43	17°♈23'33		retrograde	-3180 Nov 30 j 12:39	1°♈03'30	
evening set	-3181 Dec 20 j 16:58	16°♈39'18		evening set	-3180 Dec 03 j 15:19	0°♈08'22	
inferior conj	-3181 Dec 26 j 19:48	11°♈14'21	3°43'02		-3180 Dec 03 j 20:51	30°♒♓	
minimum elong	-3181 Dec 26 j 17:19	11°♈21'17	3°42'33	inferior conj	-3180 Dec 09 j 10:42	24°♓26'04	3°13'03
min. Earth dist.	-3181 Dec 29 j 03:49	8°♈38'49	0.63666 AU	minimum elong	-3180 Dec 09 j 07:38	24°♓35'25	3°12'13
morning rise	-3180 Jan 01 j 17:02	5°♈14'29		min. Earth dist.	-3180 Dec 11 j 03:48	22°♓21'11	0.65124 AU
direct	-3180 Jan 08 j 17:17	2°♈25'59		morning rise	-3180 Dec 14 j 23:36	18°♓19'04	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3180 Dec 21 j 15:53	15° $\mathbb{M}$ 27'56		direct	-3179 Dec 04 j 20:16	28° $\mathbb{A}$ 56'28	
morning max el	-3179 Jan 03 j 18:48	23° $\mathbb{M}$ 04'29	26°55'31		-3179 Dec 09 j 02:13	0° $\mathbb{M}$	
desc. node	-3179 Jan 09 j 04:56	29° $\mathbb{M}$ 03'41		morning max el	-3179 Dec 17 j 04:11	6° $\mathbb{M}$ 12'52	25°50'47
	-3179 Jan 09 j 23:31	0° $\mathbb{A}$		desc. node	-3179 Dec 27 j 01:56	17° $\mathbb{M}$ 53'44	
	-3179 Jan 30 j 06:42	0° $\mathbb{B}$			-3178 Jan 04 j 15:38	0° $\mathbb{A}$	
morning set	-3179 Feb 08 j 12:41	16° $\mathbb{B}$ 46'18		morning set	-3178 Jan 22 j 10:13	29° $\mathbb{A}$ 34'35	
max. Earth dist.	-3179 Feb 13 j 00:13	25° $\mathbb{B}$ 36'05	1.34384 AU		-3178 Jan 22 j 15:44	0° $\mathbb{B}$	
	-3179 Feb 15 j 03:58	0° $\mathbb{A}$		max. Earth dist.	-3178 Jan 26 j 07:41	6° $\mathbb{B}$ 53'38	1.35870 AU
superior conj	-3179 Feb 16 j 21:23	3° $\mathbb{A}$ 34'39	-1°10'30	superior conj	-3178 Jan 31 j 16:33	17° $\mathbb{B}$ 28'10	-1°31'31
minimum elong	-3179 Feb 17 j 00:20	3° $\mathbb{A}$ 50'00	1°10'06	minimum elong	-3178 Jan 31 j 19:50	17° $\mathbb{B}$ 44'44	1°31'14
evening rise	-3179 Feb 24 j 08:14	19° $\mathbb{A}$ 13'58			-3178 Feb 06 j 19:36	0° $\mathbb{A}$	
asc. node	-3179 Feb 24 j 06:20	19° $\mathbb{A}$ 04'08		evening rise	-3178 Feb 08 j 14:32	3° $\mathbb{A}$ 39'46	
	-3179 Mar 01 j 17:21	0° $\mathbb{H}$		asc. node	-3178 Feb 11 j 03:21	8° $\mathbb{A}$ 45'55	
evening max el	-3179 Mar 16 j 09:05	21° $\mathbb{H}$ 24'50	21°26'37		-3178 Feb 24 j 01:15	0° $\mathbb{H}$	
retrograde	-3179 Mar 28 j 09:16	27° $\mathbb{H}$ 11'49		evening max el	-3178 Feb 26 j 16:29	2° $\mathbb{H}$ 48'57	20°08'52
evening set	-3179 Mar 30 j 21:20	26° $\mathbb{H}$ 57'34		retrograde	-3178 Mar 09 j 00:44	7° $\mathbb{H}$ 44'18	
desc. node	-3179 Apr 07 j 03:56	24° $\mathbb{H}$ 05'23		evening set	-3178 Mar 11 j 07:02	7° $\mathbb{H}$ 31'12	
inferior conj	-3179 Apr 09 j 05:10	22° $\mathbb{H}$ 57'04	-0°34'22	inferior conj	-3178 Mar 20 j 03:10	3° $\mathbb{H}$ 31'37	1°20'27
minimum elong	-3179 Apr 09 j 03:33	22° $\mathbb{H}$ 59'21	0°33'50	minimum elong	-3178 Mar 20 j 06:32	3° $\mathbb{H}$ 26'33	1°19'18
min. Earth dist.	-3179 Apr 09 j 11:08	22° $\mathbb{H}$ 48'40	0.55129 AU	min. Earth dist.	-3178 Mar 22 j 01:09	2° $\mathbb{H}$ 22'40	0.55589 AU
morning rise	-3179 Apr 18 j 10:00	18° $\mathbb{H}$ 54'11		desc. node	-3178 Mar 25 j 01:01	0° $\mathbb{H}$ 43'09	
direct	-3179 Apr 21 j 08:45	18° $\mathbb{H}$ 35'08			-3178 Mar 26 j 13:56	30° $\mathbb{R}$ $\mathbb{A}$	
morning max el	-3179 May 03 j 21:50	24° $\mathbb{H}$ 34'03	22°05'00	morning rise	-3178 Mar 29 j 04:10	29° $\mathbb{A}$ 05'00	
	-3179 May 08 j 19:57	0° $\mathbb{Y}$		direct	-3178 Apr 01 j 23:20	28° $\mathbb{A}$ 33'24	
asc. node	-3179 May 23 j 05:49	24° $\mathbb{Y}$ 17'33			-3178 Apr 08 j 04:29	0° $\mathbb{H}$	
morning set	-3179 May 25 j 03:27	28° $\mathbb{Y}$ 11'48		morning max el	-3178 Apr 15 j 15:54	5° $\mathbb{H}$ 19'23	23°43'35
	-3179 May 26 j 00:13	0° $\mathbb{B}$			-3178 May 03 j 00:01	0° $\mathbb{Y}$	
superior conj	-3179 Jun 01 j 10:24	13° $\mathbb{B}$ 34'01	1°22'52	morning set	-3178 May 09 j 15:11	13° $\mathbb{Y}$ 11'32	
minimum elong	-3179 Jun 01 j 07:45	13° $\mathbb{B}$ 20'06	1°22'35	asc. node	-3178 May 10 j 02:51	14° $\mathbb{Y}$ 12'49	
max. Earth dist.	-3179 Jun 04 j 16:55	20° $\mathbb{B}$ 21'35	1.34599 AU	superior conj	-3178 May 16 j 17:15	28° $\mathbb{Y}$ 22'00	1°04'02
evening rise	-3179 Jun 09 j 11:05	29° $\mathbb{B}$ 50'59		minimum elong	-3178 May 16 j 14:50	28° $\mathbb{Y}$ 09'02	1°03'39
	-3179 Jun 09 j 12:57	0° $\mathbb{I}$			-3178 May 17 j 11:32	0° $\mathbb{B}$	
	-3179 Jun 27 j 00:01	0° $\mathbb{E}$		max. Earth dist.	-3178 May 18 j 18:49	2° $\mathbb{B}$ 46'44	1.33559 AU
desc. node	-3179 Jul 04 j 02:55	10° $\mathbb{E}$ 03'49		evening rise	-3178 May 24 j 05:16	14° $\mathbb{B}$ 01'09	
evening max el	-3179 Jul 14 j 08:57	21° $\mathbb{E}$ 55'17	27°02'53		-3178 Jun 01 j 16:30	0° $\mathbb{I}$	
retrograde	-3179 Jul 27 j 14:38	29° $\mathbb{E}$ 15'38		desc. node	-3178 Jun 20 j 23:58	28° $\mathbb{I}$ 46'21	
evening set	-3179 Aug 03 j 12:17	26° $\mathbb{E}$ 27'56			-3178 Jun 22 j 01:03	0° $\mathbb{E}$	
min. Earth dist.	-3179 Aug 07 j 08:23	22° $\mathbb{E}$ 39'29	0.65220 AU	evening max el	-3178 Jun 26 j 19:31	5° $\mathbb{E}$ 03'31	27°24'33
inferior conj	-3179 Aug 09 j 07:51	20° $\mathbb{E}$ 23'24	-3°00'34	retrograde	-3178 Jul 10 j 10:42	12° $\mathbb{E}$ 26'41	
minimum elong	-3179 Aug 09 j 11:41	20° $\mathbb{E}$ 12'25	2°59'18	evening set	-3178 Jul 17 j 14:34	9° $\mathbb{E}$ 45'06	
morning rise	-3179 Aug 15 j 11:32	14° $\mathbb{E}$ 46'54		min. Earth dist.	-3178 Jul 21 j 05:23	6° $\mathbb{E}$ 30'58	0.63758 AU
direct	-3179 Aug 18 j 07:58	14° $\mathbb{E}$ 02'39		inferior conj	-3178 Jul 23 j 18:48	3° $\mathbb{E}$ 51'35	-3°42'03
asc. node	-3179 Aug 19 j 05:03	14° $\mathbb{E}$ 06'51		minimum elong	-3178 Jul 23 j 22:42	3° $\mathbb{E}$ 41'26	3°41'05
morning max el	-3179 Aug 24 j 21:25	17° $\mathbb{E}$ 36'53	18°17'42		-3178 Jul 27 j 21:45	30° $\mathbb{R}$ $\mathbb{I}$	
	-3179 Sep 02 j 23:34	0° $\mathbb{Q}$		morning rise	-3178 Jul 30 j 07:41	28° $\mathbb{I}$ 32'23	
morning set	-3179 Sep 12 j 18:23	15° $\mathbb{Q}$ 59'32		direct	-3178 Aug 01 j 23:35	27° $\mathbb{I}$ 57'12	
	-3179 Sep 21 j 08:16	0° $\mathbb{P}$		asc. node	-3178 Aug 06 j 02:08	29° $\mathbb{I}$ 20'53	
superior conj	-3179 Sep 27 j 08:02	9° $\mathbb{P}$ 35'10	0°17'38		-3178 Aug 06 j 23:34	0° $\mathbb{E}$	
minimum elong	-3179 Sep 27 j 10:15	9° $\mathbb{P}$ 43'58	0°17'23	morning max el	-3178 Aug 08 j 12:23	1° $\mathbb{E}$ 22'34	17°58'30
max. Earth dist.	-3179 Sep 30 j 04:13	14° $\mathbb{P}$ 05'06	1.44751 AU	morning set	-3178 Aug 25 j 14:08	27° $\mathbb{E}$ 40'43	
desc. node	-3179 Sep 30 j 02:22	13° $\mathbb{P}$ 57'48			-3178 Aug 26 j 22:23	0° $\mathbb{Q}$	
	-3179 Oct 10 j 07:40	0° $\mathbb{A}$		superior conj	-3178 Sep 07 j 03:15	18° $\mathbb{Q}$ 54'08	1°00'30
evening rise	-3179 Oct 13 j 21:36	5° $\mathbb{A}$ 35'27		minimum elong	-3178 Sep 07 j 08:48	19° $\mathbb{Q}$ 16'55	0°59'54
greatest brilliancy	-3179 Oct 25 j 10:10	23° $\mathbb{A}$ 26'48	-0.7m	max. Earth dist.	-3178 Sep 12 j 20:46	28° $\mathbb{Q}$ 11'24	1.43976 AU
	-3179 Oct 29 j 19:29	0° $\mathbb{M}$			-3178 Sep 13 j 23:59	0° $\mathbb{P}$	
evening max el	-3179 Nov 07 j 02:24	10° $\mathbb{M}$ 41'32	19°33'06	desc. node	-3178 Sep 16 j 23:21	4° $\mathbb{P}$ 42'34	
retrograde	-3179 Nov 14 j 09:06	14° $\mathbb{M}$ 54'51		evening rise	-3178 Sep 23 j 04:48	14° $\mathbb{P}$ 25'11	
asc. node	-3179 Nov 15 j 04:05	14° $\mathbb{M}$ 51'14			-3178 Oct 03 j 10:21	0° $\mathbb{A}$	
evening set	-3179 Nov 17 j 19:01	13° $\mathbb{M}$ 46'44		evening max el	-3178 Oct 21 j 05:11	24° $\mathbb{A}$ 07'44	20°33'22
inferior conj	-3179 Nov 23 j 08:57	7° $\mathbb{M}$ 50'07	2°33'39	retrograde	-3178 Oct 29 j 06:31	28° $\mathbb{A}$ 53'03	
minimum elong	-3179 Nov 23 j 06:01	7° $\mathbb{M}$ 59'38	2°32'40	evening set	-3178 Nov 02 j 01:48	27° $\mathbb{A}$ 29'39	
min. Earth dist.	-3179 Nov 24 j 12:22	6° $\mathbb{M}$ 21'08	0.66211 AU	asc. node	-3178 Nov 02 j 01:10	27° $\mathbb{A}$ 30'48	
morning rise	-3179 Nov 28 j 16:48	1° $\mathbb{M}$ 38'05		inferior conj	-3178 Nov 07 j 12:01	21° $\mathbb{A}$ 22'06	1°47'43
	-3179 Nov 30 j 22:49	30° $\mathbb{R}$ $\mathbb{A}$		minimum elong	-3178 Nov 07 j 09:45	21° $\mathbb{A}$ 29'50	1°46'50

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3178 Nov 08 j 03:22	20° $\Omega$ 30'08	0.66945 AU	morning rise	-3177 Oct 27 j 23:15	28° $\Pi$ 45'22	
morning rise	-3178 Nov 12 j 17:31	15° $\Omega$ 07'24		direct	-3177 Nov 01 j 20:36	26° $\Pi$ 41'57	
direct	-3178 Nov 18 j 06:03	12° $\Omega$ 42'59			-3177 Nov 09 j 00:05	0° $\Omega$	
morning max el	-3178 Nov 29 j 12:54	19° $\Omega$ 26'39	24°30'08	morning max el	-3177 Nov 11 j 22:40	2° $\Omega$ 42'57	23°03'22
	-3178 Dec 08 j 12:44	0° $\Pi$		desc. node	-3177 Nov 30 j 19:58	27° $\Omega$ 17'35	
desc. node	-3178 Dec 13 j 22:57	7° $\Pi$ 22'00			-3177 Dec 02 j 15:48	0° $\Pi$	
	-3178 Dec 28 j 19:15	0° $\mathcal{A}$		morning set	-3177 Dec 16 j 10:48	21° $\Pi$ 42'45	
morning set	-3177 Jan 04 j 11:38	11° $\mathcal{A}$ 18'32		max. Earth dist.	-3177 Dec 21 j 01:04	29° $\Pi$ 28'53	1.39811 AU
max. Earth dist.	-3177 Jan 08 j 05:39	17° $\mathcal{A}$ 59'24	1.37738 AU		-3177 Dec 21 j 08:16	0° $\mathcal{A}$	
	-3177 Jan 14 j 15:41	0° $\mathcal{B}$					
				superior conj	-3177 Dec 28 j 17:58	13° $\mathcal{A}$ 11'51	-1°55'55
superior conj	-3177 Jan 15 j 00:52	0° $\mathcal{B}$ 44'16	-1°47'37	minimum elong	-3177 Dec 28 j 18:43	13° $\mathcal{A}$ 15'14	1°56'01
minimum elong	-3177 Jan 15 j 03:34	0° $\mathcal{B}$ 57'21	1°47'32		-3176 Jan 06 j 15:39	0° $\mathcal{B}$	
evening rise	-3177 Jan 23 j 15:01	17° $\mathcal{B}$ 41'44		evening rise	-3176 Jan 07 j 06:55	1° $\mathcal{B}$ 13'09	
asc. node	-3177 Jan 29 j 00:23	28° $\mathcal{B}$ 06'31		asc. node	-3176 Jan 15 j 21:26	16° $\mathcal{B}$ 58'59	
	-3177 Jan 30 j 01:13	0° $\approx$		evening max el	-3176 Jan 23 j 13:30	27° $\mathcal{B}$ 22'31	18°29'52
evening max el	-3177 Feb 09 j 10:32	14° $\approx$ 49'34	19°09'24		-3176 Jan 27 j 01:09	0° $\approx$	
retrograde	-3177 Feb 18 j 04:51	19° $\approx$ 00'56		retrograde	-3176 Jan 31 j 03:10	1° $\approx$ 04'49	
evening set	-3177 Feb 20 j 13:07	18° $\approx$ 44'14		evening set	-3176 Feb 02 j 15:16	0° $\approx$ 41'50	
inferior conj	-3177 Feb 28 j 15:56	14° $\approx$ 32'15	2°49'27		-3176 Feb 04 j 09:46	30° $\mathcal{R}$ $\mathcal{B}$	
minimum elong	-3177 Feb 28 j 20:47	14° $\approx$ 23'54	2°48'12	inferior conj	-3176 Feb 10 j 01:02	26° $\mathcal{B}$ 10'21	3°41'19
min. Earth dist.	-3177 Mar 03 j 16:30	12° $\approx$ 28'39	0.56876 AU	minimum elong	-3176 Feb 10 j 04:06	26° $\mathcal{B}$ 04'13	3°40'49
morning rise	-3177 Mar 09 j 01:41	9° $\approx$ 34'28		min. Earth dist.	-3176 Feb 13 j 10:43	23° $\mathcal{B}$ 28'42	0.58713 AU
desc. node	-3177 Mar 11 j 22:06	8° $\approx$ 46'53		morning rise	-3176 Feb 17 j 14:37	20° $\mathcal{B}$ 46'35	
direct	-3177 Mar 14 j 01:49	8° $\approx$ 35'52		direct	-3176 Feb 23 j 17:48	19° $\mathcal{B}$ 10'03	
morning max el	-3177 Mar 28 j 06:52	15° $\approx$ 53'51	25°20'14	desc. node	-3176 Feb 26 j 19:12	19° $\mathcal{B}$ 33'34	
	-3177 Apr 08 j 15:28	0° $\mathcal{H}$		morning max el	-3176 Mar 09 j 00:25	26° $\mathcal{B}$ 44'28	26°39'42
morning set	-3177 Apr 24 j 03:20	28° $\mathcal{H}$ 13'30			-3176 Mar 12 j 03:06	0° $\approx$	
	-3177 Apr 24 j 23:31	0° $\mathcal{Y}$			-3176 Mar 31 j 23:08	0° $\mathcal{H}$	
asc. node	-3177 Apr 26 j 23:53	4° $\mathcal{Y}$ 18'58		morning set	-3176 Apr 07 j 14:09	13° $\mathcal{H}$ 10'51	
				asc. node	-3176 Apr 12 j 20:54	24° $\mathcal{H}$ 30'48	
superior conj	-3177 May 01 j 03:27	13° $\mathcal{Y}$ 20'20	0°42'14				
minimum elong	-3177 May 01 j 01:42	13° $\mathcal{Y}$ 10'47	0°41'54	superior conj	-3176 Apr 14 j 15:07	28° $\mathcal{H}$ 21'48	0°18'23
max. Earth dist.	-3177 May 02 j 03:53	15° $\mathcal{Y}$ 33'10	1.32881 AU	minimum elong	-3176 Apr 14 j 14:18	28° $\mathcal{H}$ 17'22	0°18'12
evening rise	-3177 May 08 j 07:28	28° $\mathcal{Y}$ 36'08		max. Earth dist.	-3176 Apr 14 j 16:42	28° $\mathcal{H}$ 30'30	1.32556 AU
	-3177 May 08 j 23:53	0° $\mathcal{B}$			-3176 Apr 15 j 09:03	0° $\mathcal{Y}$	
	-3177 May 25 j 22:00	0° $\Pi$		evening rise	-3176 Apr 21 j 14:57	13° $\mathcal{Y}$ 26'01	
desc. node	-3177 Jun 07 j 21:01	16° $\Pi$ 28'17			-3176 Apr 30 j 02:20	0° $\mathcal{B}$	
evening max el	-3177 Jun 09 j 02:58	17° $\Pi$ 42'02	27°15'08	evening max el	-3176 May 21 j 05:08	29° $\mathcal{B}$ 40'33	26°32'54
retrograde	-3177 Jun 23 j 00:31	25° $\Pi$ 04'13			-3176 May 21 j 13:21	0° $\Pi$	
evening set	-3177 Jun 30 j 02:02	22° $\Pi$ 43'06		desc. node	-3176 May 24 j 18:07	2° $\Pi$ 43'25	
min. Earth dist.	-3177 Jul 03 j 16:35	19° $\Pi$ 53'22	0.61954 AU	retrograde	-3176 Jun 04 j 06:32	6° $\Pi$ 58'54	
inferior conj	-3177 Jul 06 j 18:26	17° $\Pi$ 03'10	-4°12'18	evening set	-3176 Jun 10 j 18:18	5° $\Pi$ 11'21	
minimum elong	-3177 Jul 06 j 21:14	16° $\Pi$ 56'40	4°11'51	min. Earth dist.	-3176 Jun 14 j 18:28	2° $\Pi$ 30'41	0.59936 AU
morning rise	-3177 Jul 13 j 17:52	12° $\Pi$ 03'51			-3176 Jun 17 j 21:29	30° $\mathcal{R}$ $\mathcal{B}$	
direct	-3177 Jul 16 j 07:13	11° $\Pi$ 35'27		inferior conj	-3176 Jun 18 j 03:08	29° $\mathcal{B}$ 48'33	-4°24'29
morning max el	-3177 Jul 23 j 02:50	15° $\Pi$ 01'04	17°57'36	minimum elong	-3176 Jun 18 j 03:18	29° $\mathcal{B}$ 48'11	4°24'24
asc. node	-3177 Jul 23 j 23:14	15° $\Pi$ 53'27		morning rise	-3176 Jun 25 j 14:27	25° $\mathcal{B}$ 10'44	
	-3177 Aug 02 j 11:42	0° $\mathcal{E}$		direct	-3176 Jun 28 j 02:49	24° $\mathcal{B}$ 47'23	
morning set	-3177 Aug 08 j 06:34	10° $\mathcal{E}$ 21'40		morning max el	-3176 Jul 05 j 13:48	28° $\mathcal{B}$ 23'44	18°16'00
					-3176 Jul 07 j 02:43	0° $\Pi$	
superior conj	-3177 Aug 19 j 01:56	29° $\mathcal{E}$ 35'07	1°29'45	asc. node	-3176 Jul 09 j 20:19	3° $\Pi$ 28'07	
minimum elong	-3177 Aug 19 j 06:40	29° $\mathcal{E}$ 55'29	1°29'26	morning set	-3176 Jul 21 j 14:15	23° $\Pi$ 47'50	
	-3177 Aug 19 j 07:43	0° $\mathcal{Q}$			-3176 Jul 24 j 20:57	0° $\mathcal{E}$	
max. Earth dist.	-3177 Aug 26 j 08:26	11° $\mathcal{Q}$ 49'05	1.42604 AU				
evening rise	-3177 Sep 02 j 11:49	23° $\mathcal{Q}$ 17'18		superior conj	-3176 Jul 31 j 02:10	11° $\mathcal{E}$ 32'16	1°45'04
desc. node	-3177 Sep 03 j 20:20	25° $\mathcal{Q}$ 24'45		minimum elong	-3176 Jul 31 j 04:22	11° $\mathcal{E}$ 42'14	1°45'05
	-3177 Sep 06 j 19:24	0° $\Pi$		max. Earth dist.	-3176 Aug 07 j 14:37	24° $\mathcal{E}$ 47'06	1.40819 AU
	-3177 Sep 27 j 15:06	0° $\Omega$			-3176 Aug 10 j 16:56	0° $\mathcal{Q}$	
evening max el	-3177 Oct 04 j 01:54	7° $\Omega$ 33'35	21°45'19	evening rise	-3176 Aug 12 j 12:53	3° $\mathcal{Q}$ 01'17	
retrograde	-3177 Oct 13 j 02:52	12° $\Omega$ 55'56		desc. node	-3176 Aug 20 j 17:21	16° $\mathcal{Q}$ 00'27	
evening set	-3177 Oct 17 j 09:43	11° $\Omega$ 14'56			-3176 Aug 30 j 03:42	0° $\Pi$	
asc. node	-3177 Oct 19 j 22:16	8° $\Omega$ 42'34		evening max el	-3176 Sep 15 j 17:13	21° $\Pi$ 00'21	23°04'29
inferior conj	-3177 Oct 22 j 17:52	5° $\Omega$ 00'05	0°57'26	retrograde	-3176 Sep 25 j 20:38	27° $\Pi$ 00'47	
minimum elong	-3177 Oct 22 j 16:34	5° $\Omega$ 04'34	0°56'52	evening set	-3176 Sep 30 j 17:01	25° $\Pi$ 00'39	
min. Earth dist.	-3177 Oct 22 j 22:24	4° $\Omega$ 44'24	0.67359 AU	asc. node	-3176 Oct 05 j 19:23	19° $\Pi$ 00'01	
	-3177 Oct 26 j 16:11	30° $\mathcal{R}$ $\Pi$		inferior conj	-3176 Oct 06 j 00:37	18° $\Pi$ 41'59	0°04'30



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3176 Oct 06 j 00:30	18° $\mathbb{M}$ 42'21	0°04'28	evening set	-3175 Sep 14 j 21:56	8° $\mathbb{M}$ 45'13	
transit middle	-3176 Oct 06 j 00:30	18° $\mathbb{M}$ 42'21	0°04'28	min. Earth dist.	-3175 Sep 19 j 14:22	3° $\mathbb{M}$ 20'28	0.67276 AU
transit begin	-3176 Oct 05 j 21:55	18° $\mathbb{M}$ 51'18		inferior conj	-3175 Sep 20 j 06:32	2° $\mathbb{M}$ 26'10	-0°49'26
transit end	-3176 Oct 06 j 03:06	18° $\mathbb{M}$ 33'25		minimum elong	-3175 Sep 20 j 07:42	2° $\mathbb{M}$ 22'14	0°48'53
min. Earth dist.	-3176 Oct 05 j 18:54	19° $\mathbb{M}$ 01'40	0.67469 AU		-3175 Sep 22 j 03:08	30° $\mathbb{R}$ 0	
morning rise	-3176 Oct 11 j 07:52	12° $\mathbb{M}$ 30'14		asc. node	-3175 Sep 22 j 16:29	29° $\mathbb{Q}$ 19'08	
direct	-3176 Oct 15 j 14:59	10° $\mathbb{M}$ 48'30		morning rise	-3175 Sep 25 j 17:27	26° $\mathbb{Q}$ 20'22	
morning max el	-3176 Oct 24 j 12:50	16° $\mathbb{M}$ 04'39	21°39'22	direct	-3175 Sep 29 j 11:58	24° $\mathbb{Q}$ 58'47	
	-3176 Nov 04 j 16:50	0° $\mathbb{L}$		morning max el	-3175 Oct 07 j 09:58	29° $\mathbb{Q}$ 35'19	20°24'30
desc. node	-3176 Nov 16 j 16:58	17° $\mathbb{L}$ 32'31			-3175 Oct 07 j 19:31	0° $\mathbb{M}$	
	-3176 Nov 24 j 17:59	0° $\mathbb{M}$			-3175 Oct 29 j 08:44	0° $\mathbb{L}$	
morning set	-3176 Nov 25 j 05:13	0° $\mathbb{M}$ 44'33		desc. node	-3175 Nov 03 j 13:57	8° $\mathbb{L}$ 00'45	
max. Earth dist.	-3176 Dec 02 j 01:42	11° $\mathbb{M}$ 50'39	1.41809 AU	morning set	-3175 Nov 04 j 04:30	8° $\mathbb{L}$ 57'08	
				max. Earth dist.	-3175 Nov 14 j 10:11	25° $\mathbb{L}$ 05'51	1.43450 AU
					-3175 Nov 17 j 10:51	0° $\mathbb{M}$	
superior conj	-3176 Dec 09 j 14:26	24° $\mathbb{M}$ 37'17	-1°52'47				
minimum elong	-3176 Dec 09 j 11:40	24° $\mathbb{M}$ 25'15	1°52'45				
	-3176 Dec 12 j 15:52	0° $\mathbb{X}$		superior conj	-3175 Nov 20 j 08:48	4° $\mathbb{M}$ 47'07	-1°34'15
evening rise	-3176 Dec 20 j 10:50	14° $\mathbb{X}$ 06'30		minimum elong	-3175 Nov 20 j 02:20	4° $\mathbb{M}$ 20'21	1°33'46
	-3176 Dec 29 j 09:11	0° $\mathbb{Z}$		evening rise	-3175 Dec 02 j 22:35	26° $\mathbb{M}$ 12'40	
asc. node	-3175 Jan 01 j 18:29	5° $\mathbb{Z}$ 14'20			-3175 Dec 05 j 02:40	0° $\mathbb{X}$	
evening max el	-3175 Jan 05 j 22:32	10° $\mathbb{Z}$ 19'21	18°10'20	asc. node	-3175 Dec 19 j 15:32	22° $\mathbb{X}$ 40'31	
retrograde	-3175 Jan 12 j 18:55	13° $\mathbb{Z}$ 48'10		evening max el	-3175 Dec 20 j 10:35	23° $\mathbb{X}$ 30'45	18°10'15
evening set	-3175 Jan 15 j 10:24	13° $\mathbb{Z}$ 17'38		retrograde	-3175 Dec 26 j 23:50	26° $\mathbb{X}$ 59'21	
inferior conj	-3175 Jan 22 j 05:50	8° $\mathbb{Z}$ 24'22	4°00'07	evening set	-3175 Dec 29 j 18:43	26° $\mathbb{X}$ 20'26	
minimum elong	-3175 Jan 22 j 06:12	8° $\mathbb{Z}$ 23'31	4°00'00	inferior conj	-3174 Jan 05 j 02:48	21° $\mathbb{X}$ 06'11	3°54'25
min. Earth dist.	-3175 Jan 25 j 10:35	5° $\mathbb{Z}$ 28'27	0.60741 AU	minimum elong	-3174 Jan 05 j 01:04	21° $\mathbb{X}$ 10'43	3°54'09
morning rise	-3175 Jan 29 j 00:31	2° $\mathbb{Z}$ 42'30		min. Earth dist.	-3174 Jan 07 j 19:06	18° $\mathbb{X}$ 18'28	0.62670 AU
direct	-3175 Feb 04 j 20:36	0° $\mathbb{Z}$ 28'58		morning rise	-3174 Jan 11 j 06:35	15° $\mathbb{X}$ 11'42	
desc. node	-3175 Feb 12 j 16:17	3° $\mathbb{Z}$ 03'42		direct	-3174 Jan 18 j 07:59	12° $\mathbb{X}$ 31'59	
morning max el	-3175 Feb 18 j 23:57	8° $\mathbb{Z}$ 11'03	27°29'32	desc. node	-3174 Jan 30 j 13:20	18° $\mathbb{X}$ 42'59	
	-3175 Mar 07 j 15:59	0° $\mathbb{A}$		morning max el	-3174 Feb 01 j 05:21	20° $\mathbb{X}$ 17'37	27°43'30
morning set	-3175 Mar 22 j 21:51	27° $\mathbb{A}$ 57'11			-3174 Feb 09 j 14:56	0° $\mathbb{Z}$	
	-3175 Mar 23 j 21:30	0° $\mathbb{H}$			-3174 Feb 28 j 14:19	0° $\mathbb{A}$	
max. Earth dist.	-3175 Mar 29 j 05:41	11° $\mathbb{H}$ 26'18	1.32579 AU	morning set	-3174 Mar 07 j 00:11	12° $\mathbb{A}$ 23'52	
				max. Earth dist.	-3174 Mar 12 j 14:44	24° $\mathbb{A}$ 05'10	1.32956 AU
superior conj	-3175 Mar 30 j 02:35	13° $\mathbb{H}$ 20'25	-0°06'43				
minimum elong	-3175 Mar 30 j 02:53	13° $\mathbb{H}$ 22'04	0°06'41	superior conj	-3174 Mar 14 j 12:07	28° $\mathbb{A}$ 09'14	-0°32'10
behind sun begin	-3175 Mar 29 j 22:18	12° $\mathbb{H}$ 56'57		minimum elong	-3174 Mar 14 j 13:35	28° $\mathbb{A}$ 17'06	0°31'55
behind sun end	-3175 Mar 30 j 07:29	13° $\mathbb{H}$ 47'12			-3174 Mar 15 j 08:36	0° $\mathbb{H}$	
asc. node	-3175 Mar 30 j 17:55	14° $\mathbb{H}$ 44'13		asc. node	-3174 Mar 17 j 14:55	4° $\mathbb{H}$ 54'25	
evening rise	-3175 Apr 06 j 01:31	28° $\mathbb{H}$ 23'04		evening rise	-3174 Mar 21 j 13:10	13° $\mathbb{H}$ 19'15	
	-3175 Apr 06 j 20:01	0° $\mathbb{Y}$			-3174 Mar 30 j 01:02	0° $\mathbb{Y}$	
	-3175 Apr 23 j 20:01	0° $\mathbb{B}$		evening max el	-3174 Apr 14 j 16:37	21° $\mathbb{Y}$ 43'05	23°51'49
evening max el	-3175 May 03 j 00:57	10° $\mathbb{B}$ 56'58	25°21'37	retrograde	-3174 Apr 28 j 10:13	28° $\mathbb{Y}$ 35'24	
desc. node	-3175 May 11 j 15:12	16° $\mathbb{B}$ 57'48		desc. node	-3174 Apr 28 j 12:16	28° $\mathbb{Y}$ 35'23	
retrograde	-3175 May 17 j 02:21	18° $\mathbb{B}$ 07'23		evening set	-3174 May 02 j 11:47	27° $\mathbb{Y}$ 58'50	
evening set	-3175 May 22 j 12:33	16° $\mathbb{B}$ 58'35		min. Earth dist.	-3174 May 09 j 03:53	24° $\mathbb{Y}$ 49'27	0.56277 AU
min. Earth dist.	-3175 May 27 j 13:09	14° $\mathbb{B}$ 10'22	0.57941 AU	inferior conj	-3174 May 11 j 11:24	23° $\mathbb{Y}$ 24'41	-3°15'02
inferior conj	-3175 May 30 j 17:22	11° $\mathbb{B}$ 57'57	-4°08'52	minimum elong	-3174 May 11 j 05:15	23° $\mathbb{Y}$ 34'08	3°13'31
minimum elong	-3175 May 30 j 13:48	12° $\mathbb{B}$ 04'13	4°08'22	morning rise	-3174 May 20 j 01:42	19° $\mathbb{Y}$ 24'21	
morning rise	-3175 Jun 07 j 17:51	7° $\mathbb{B}$ 41'18		direct	-3174 May 22 j 14:16	19° $\mathbb{Y}$ 07'58	
direct	-3175 Jun 10 j 06:05	7° $\mathbb{B}$ 21'57		morning max el	-3174 Jun 01 j 13:49	23° $\mathbb{Y}$ 45'30	19°53'57
morning max el	-3175 Jun 18 j 18:19	11° $\mathbb{B}$ 21'30	18°54'40		-3174 Jun 06 j 22:29	0° $\mathbb{B}$	
asc. node	-3175 Jun 26 j 17:22	21° $\mathbb{B}$ 50'54		asc. node	-3174 Jun 13 j 14:24	10° $\mathbb{B}$ 50'18	
	-3175 Jul 01 j 07:42	0° $\mathbb{I}$		morning set	-3174 Jun 19 j 11:18	22° $\mathbb{B}$ 13'57	
morning set	-3175 Jul 05 j 08:55	7° $\mathbb{I}$ 48'08			-3174 Jun 23 j 07:05	0° $\mathbb{I}$	
superior conj	-3175 Jul 13 j 22:22	24° $\mathbb{I}$ 30'28	1°48'49	superior conj	-3174 Jun 27 j 09:08	8° $\mathbb{I}$ 14'26	1°43'41
minimum elong	-3175 Jul 13 j 22:11	24° $\mathbb{I}$ 29'35	1°48'55	minimum elong	-3174 Jun 27 j 07:21	8° $\mathbb{I}$ 05'36	1°43'41
	-3175 Jul 16 j 20:17	0° $\mathbb{D}$		max. Earth dist.	-3174 Jul 02 j 20:45	18° $\mathbb{I}$ 54'30	1.36972 AU
max. Earth dist.	-3175 Jul 20 j 17:13	7° $\mathbb{D}$ 04'22	1.38860 AU	evening rise	-3174 Jul 06 j 18:39	26° $\mathbb{I}$ 09'15	
evening rise	-3175 Jul 24 j 15:43	13° $\mathbb{D}$ 59'30			-3174 Jul 08 j 22:15	0° $\mathbb{D}$	
	-3175 Aug 03 j 09:48	0° $\mathbb{Q}$		desc. node	-3174 Jul 25 j 11:22	26° $\mathbb{D}$ 33'43	
desc. node	-3175 Aug 07 j 14:22	6° $\mathbb{Q}$ 25'17			-3174 Jul 27 j 21:16	0° $\mathbb{Q}$	
	-3175 Aug 25 j 01:08	0° $\mathbb{M}$		evening max el	-3174 Aug 11 j 15:51	18° $\mathbb{Q}$ 01'47	25°38'34
evening max el	-3175 Aug 29 j 05:05	4° $\mathbb{M}$ 29'39	24°24'41	retrograde	-3174 Aug 23 j 20:31	25° $\mathbb{Q}$ 03'04	
retrograde	-3175 Sep 09 j 10:42	11° $\mathbb{M}$ 04'31		evening set	-3174 Aug 29 j 22:38	22° $\mathbb{Q}$ 27'18	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3174 Sep 03 j 06:28	17°Ω39'13	0.66755 AU	min. Earth dist.	-3173 Aug 17 j 16:54	1°Ω53'07	0.65884 AU
inferior conj	-3174 Sep 04 j 09:53	16°Ω11'11	-1°42'42	inferior conj	-3173 Aug 19 j 08:43	29°Ω53'19	-2°33'27
minimum elong	-3174 Sep 04 j 12:18	16°Ω03'25	1°41'40	minimum elong	-3173 Aug 19 j 12:10	29°Ω42'57	2°32'10
asc. node	-3174 Sep 09 j 13:33	10°Ω36'00			-3173 Aug 19 j 06:30	30°RΩ	
morning rise	-3174 Sep 10 j 02:07	10°Ω14'21		morning rise	-3173 Aug 25 j 07:48	24°Ω08'26	
direct	-3174 Sep 13 j 10:09	9°Ω10'01		asc. node	-3173 Aug 27 j 10:37	23°Ω22'15	
morning max el	-3174 Sep 20 j 14:28	13°Ω15'37	19°22'52	direct	-3173 Aug 28 j 07:42	23°Ω17'55	
	-3174 Oct 03 j 00:21	0°൬		morning max el	-3173 Sep 04 j 00:50	27°Ω01'29	18°36'38
morning set	-3174 Oct 14 j 07:28	17°൬28'24			-3173 Sep 06 j 15:30	0°Ω	
desc. node	-3174 Oct 21 j 10:56	28°൬38'29		morning set	-3173 Sep 24 j 09:08	27°Ω08'29	
	-3174 Oct 22 j 07:43	0°Ω			-3173 Sep 26 j 03:49	0°൬	
max. Earth dist.	-3174 Oct 28 j 00:48	8°Ω59'35	1.44512 AU	desc. node	-3173 Oct 08 j 07:54	19°൬21'29	
superior conj	-3174 Oct 31 j 00:30	13°Ω44'04	-0°58'39	superior conj	-3173 Oct 10 j 00:39	22°൬02'05	-0°10'51
minimum elong	-3174 Oct 30 j 17:49	13°Ω17'29	0°57'53	minimum elong	-3173 Oct 09 j 23:13	21°൬56'26	0°10'38
	-3174 Nov 10 j 02:07	0°൬		behind sun begin	-3173 Oct 09 j 14:30	21°൬22'02	
evening rise	-3174 Nov 14 j 13:41	7°൬23'49		behind sun end	-3173 Oct 10 j 07:57	22°൬30'49	
	-3174 Nov 28 j 13:19	0°𐤔		max. Earth dist.	-3173 Oct 10 j 18:22	23°൬11'50	1.44874 AU
evening max el	-3174 Dec 03 j 23:00	6°𐤔51'27	18°28'50		-3173 Oct 15 j 02:06	0°Ω	
asc. node	-3174 Dec 06 j 12:35	9°𐤔04'19		evening rise	-3173 Oct 26 j 04:24	17°Ω32'07	
retrograde	-3174 Dec 10 j 13:32	10°𐤔30'32			-3173 Nov 03 j 00:50	0°൬	
evening set	-3174 Dec 13 j 12:48	9°𐤔41'57		greatest brilliancy	-3173 Nov 03 j 11:13	0°൬40'54	-0.8m
inferior conj	-3174 Dec 19 j 12:10	4°𐤔09'05	3°31'41	evening max el	-3173 Nov 17 j 09:19	20°൬16'51	19°05'03
minimum elong	-3174 Dec 19 j 09:20	4°𐤔17'19	3°31'04	asc. node	-3173 Nov 23 j 09:38	24°൬10'20	
min. Earth dist.	-3174 Dec 21 j 13:44	1°𐤔45'32	0.64326 AU	retrograde	-3173 Nov 24 j 08:18	24°൬15'21	
	-3174 Dec 23 j 04:32	30°R൬		evening set	-3173 Nov 27 j 13:42	23°൬15'11	
morning rise	-3174 Dec 25 j 05:23	28°൬05'36		inferior conj	-3173 Dec 03 j 06:33	17°൬26'32	2°57'18
direct	-3173 Jan 01 j 02:49	25°൬14'25		minimum elong	-3173 Dec 03 j 03:28	17°൬36'13	2°56'22
	-3173 Jan 11 j 08:36	0°𐤔		min. Earth dist.	-3173 Dec 04 j 17:43	15°൬36'14	0.65630 AU
morning max el	-3173 Jan 14 j 14:19	2°𐤔57'48	27°21'56	morning rise	-3173 Dec 08 j 16:55	11°൬16'53	
desc. node	-3173 Jan 17 j 10:23	5°𐤔56'53		direct	-3173 Dec 15 j 04:09	8°൬28'17	
	-3173 Feb 03 j 22:40	0°𐤔		morning max el	-3173 Dec 27 j 23:58	15°൬58'45	26°30'29
morning set	-3173 Feb 18 j 18:24	26°𐤔21'52		desc. node	-3172 Jan 04 j 07:25	24°൬17'44	
	-3173 Feb 20 j 14:24	0°≈			-3172 Jan 08 j 15:42	0°𐤔	
max. Earth dist.	-3173 Feb 23 j 15:50	6°≈14'09	1.33732 AU		-3172 Jan 27 j 18:03	0°𐤔	
superior conj	-3173 Feb 26 j 17:54	12°≈42'09	-0°56'59	morning set	-3172 Feb 02 j 00:51	9°𐤔39'42	
minimum elong	-3173 Feb 26 j 20:23	12°≈55'20	0°56'37	max. Earth dist.	-3172 Feb 06 j 05:39	17°𐤔46'46	1.34953 AU
asc. node	-3173 Mar 04 j 11:55	24°≈57'12		superior conj	-3172 Feb 10 j 17:44	26°𐤔52'33	-1°19'53
evening rise	-3173 Mar 06 j 00:12	28°≈08'16		minimum elong	-3172 Feb 10 j 20:54	27°𐤔08'53	1°19'31
	-3173 Mar 06 j 21:39	0°𐤔			-3172 Feb 12 j 06:01	0°≈	
	-3173 Mar 25 j 01:56	0°൬		evening rise	-3172 Feb 18 j 08:47	12°≈44'14	
evening max el	-3173 Mar 27 j 10:11	2°൬25'42	22°17'42	asc. node	-3172 Feb 19 j 08:56	14°≈48'10	
retrograde	-3173 Apr 09 j 06:19	8°൬41'38			-3172 Feb 27 j 09:24	0°𐤔	
evening set	-3173 Apr 12 j 03:42	8°൬23'11		evening max el	-3172 Mar 08 j 11:47	13°𐤔31'16	20°51'41
desc. node	-3173 Apr 15 j 09:21	7°൬22'43		retrograde	-3172 Mar 19 j 19:47	18°𐤔56'05	
min. Earth dist.	-3173 Apr 20 j 17:45	4°൬40'21	0.55286 AU	evening set	-3172 Mar 22 j 03:38	18°𐤔43'16	
inferior conj	-3173 Apr 21 j 12:38	4°൬13'35	-1°40'50	inferior conj	-3172 Mar 31 j 07:45	14°𐤔45'34	0°15'49
minimum elong	-3173 Apr 21 j 08:10	4°൬19'56	1°39'22	minimum elong	-3172 Mar 31 j 08:29	14°𐤔44'31	0°15'32
morning rise	-3173 Apr 30 j 14:17	0°൬16'39		transit middle	-3172 Mar 31 j 08:29	14°𐤔44'31	0°15'32
direct	-3173 May 03 j 06:25	0°൬00'24		transit begin	-3172 Mar 31 j 07:41	14°𐤔45'41	
morning max el	-3173 May 14 j 22:38	5°൬28'55	21°12'35	transit end	-3172 Mar 31 j 09:17	14°𐤔43'22	
asc. node	-3173 May 31 j 11:25	0°𐤔17'06		desc. node	-3172 Apr 01 j 06:26	14°𐤔13'07	
	-3173 May 31 j 07:56	0°𐤔		min. Earth dist.	-3172 Apr 01 j 07:57	14°𐤔10'57	0.55202 AU
morning set	-3173 Jun 03 j 18:52	6°𐤔57'54		morning rise	-3172 Apr 09 j 12:27	10°𐤔33'57	
				direct	-3172 Apr 12 j 18:18	10°𐤔11'02	
superior conj	-3173 Jun 11 j 06:07	22°𐤔31'05	1°31'57	morning max el	-3172 Apr 25 j 21:08	16°𐤔32'19	22°46'15
minimum elong	-3173 Jun 11 j 03:35	22°𐤔18'00	1°31'45		-3172 May 06 j 11:51	0°൬	
	-3173 Jun 14 j 22:20	0°𐤔		asc. node	-3172 May 17 j 08:27	20°൬04'11	
max. Earth dist.	-3173 Jun 15 j 07:09	0°𐤔44'04	1.35359 AU	morning set	-3172 May 18 j 05:38	21°൬54'08	
evening rise	-3173 Jun 19 j 16:40	9°𐤔17'14			-3172 May 22 j 01:25	0°𐤔	
	-3173 Jul 01 j 11:39	0°Ω		superior conj	-3172 May 25 j 10:09	7°𐤔10'38	1°15'19
desc. node	-3173 Jul 12 j 08:24	16°Ω17'49		minimum elong	-3172 May 25 j 07:33	6°𐤔56'47	1°14'59
	-3173 Jul 23 j 14:11	0°Ω		max. Earth dist.	-3172 May 28 j 03:38	12°𐤔55'09	1.34110 AU
evening max el	-3173 Jul 25 j 03:01	1°Ω32'19	26°38'10	evening rise	-3172 Jun 02 j 04:47	23°𐤔09'23	
retrograde	-3173 Aug 07 j 01:29	8°Ω49'15			-3172 Jun 05 j 18:15	0°𐤔	
evening set	-3173 Aug 13 j 16:52	6°Ω03'12					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3172 Jun 24 j 03:10	0°☿				-3171 May 29 j 06:04	0°♊		
desc. node	-3172 Jun 28 j 05:26	5°☿27'18		desc. node	-3171 Jun 15 j 02:30	23°♊46'50			
evening max el	-3172 Jul 06 j 14:29	14°☿53'22	27°15'38	evening max el	-3171 Jun 19 j 00:19	27°♊51'31	27°24'35		
retrograde	-3172 Jul 20 j 01:03	22°☿15'53			-3171 Jun 21 j 09:34	0°☿			
evening set	-3172 Jul 27 j 01:58	19°☿29'22		retrograde	-3171 Jul 02 j 18:25	5°☿13'45			
min. Earth dist.	-3172 Jul 30 j 19:31	15°☿55'58	0.64645 AU	evening set	-3171 Jul 09 j 22:28	2°☿39'28			
inferior conj	-3172 Aug 02 j 00:50	13°☿28'55	-3°19'13		-3171 Jul 13 j 02:48	30°♊			
minimum elong	-3172 Aug 02 j 04:48	13°☿17'57	3°18'02	min. Earth dist.	-3171 Jul 13 j 12:29	29°♊37'02	0.63034 AU		
morning rise	-3172 Aug 08 j 08:15	7°☿59'09		inferior conj	-3171 Jul 16 j 07:25	26°♊51'30	-3°56'34		
direct	-3172 Aug 11 j 02:25	7°☿19'09		minimum elong	-3171 Jul 16 j 11:01	26°♊42'32	3°55'49		
asc. node	-3172 Aug 13 j 07:43	7°☿45'04		morning rise	-3171 Jul 23 j 00:35	21°♊40'07			
morning max el	-3172 Aug 17 j 14:50	10°☿48'52	18°07'13	direct	-3171 Jul 25 j 15:15	21°♊07'56			
	-3172 Aug 30 j 18:12	0°♊		asc. node	-3171 Jul 31 j 04:49	23°♊34'30			
morning set	-3172 Sep 04 j 14:33	8°♊09'05		morning max el	-3171 Aug 01 j 05:53	24°♊32'13	17°55'44		
	-3172 Sep 17 j 20:35	0°♊			-3171 Aug 05 j 16:41	0°☿			
				morning set	-3171 Aug 17 j 19:54	20°☿18'22			
superior conj	-3172 Sep 18 j 07:22	0°♊43'25	0°37'14		-3171 Aug 23 j 08:39	0°♊			
minimum elong	-3172 Sep 18 j 11:35	1°♊00'22	0°36'44						
max. Earth dist.	-3172 Sep 22 j 12:04	7°♊25'12	1.44509 AU	superior conj	-3171 Aug 29 j 13:59	10°♊36'32	1°14'41		
desc. node	-3172 Sep 24 j 04:53	10°♊06'39		minimum elong	-3171 Aug 29 j 19:34	10°♊59'55	1°14'11		
evening rise	-3172 Oct 04 j 20:12	26°♊43'11		max. Earth dist.	-3171 Sep 05 j 03:16	21°♊23'18	1.43466 AU		
	-3172 Oct 06 j 23:07	0°♊			-3171 Sep 10 j 12:54	0°♊			
greatest brilliancy	-3172 Oct 18 j 04:52	17°♊08'19	-0.7m	desc. node	-3171 Sep 11 j 01:53	0°♊51'03			
	-3172 Oct 27 j 09:24	0°♊		evening rise	-3171 Sep 14 j 00:56	5°♊28'16			
evening max el	-3172 Oct 30 j 15:24	3°♊43'59	19°57'11		-3171 Sep 30 j 09:00	0°♊			
retrograde	-3172 Nov 07 j 05:20	8°♊09'51		evening max el	-3171 Oct 13 j 15:46	17°♊10'56	21°02'47		
asc. node	-3172 Nov 09 j 06:44	7°♊45'19		retrograde	-3171 Oct 22 j 02:25	22°♊10'59			
evening set	-3172 Nov 10 j 18:58	6°♊55'37		evening set	-3171 Oct 26 j 02:28	20°♊40'12			
inferior conj	-3172 Nov 16 j 07:08	0°♊54'13	2°14'50	asc. node	-3171 Oct 27 j 03:50	19°♊45'48			
minimum elong	-3172 Nov 16 j 04:26	1°♊03'11	2°13'50	inferior conj	-3171 Oct 31 j 11:38	14°♊29'16	1°26'49		
	-3172 Nov 16 j 23:29	30°♊		minimum elong	-3171 Oct 31 j 09:44	14°♊35'45	1°26'02		
min. Earth dist.	-3172 Nov 17 j 05:19	29°♊40'45	0.66570 AU	min. Earth dist.	-3171 Oct 31 j 22:14	13°♊52'59	0.67166 AU		
morning rise	-3172 Nov 21 j 13:41	24°♊40'50		morning rise	-3171 Nov 05 j 16:50	8°♊14'30			
direct	-3172 Nov 27 j 11:05	22°♊05'31		direct	-3171 Nov 10 j 22:56	5°♊58'48			
morning max el	-3172 Dec 09 j 08:43	29°♊09'17	25°17'43	morning max el	-3171 Nov 21 j 17:30	12°♊24'18	23°53'25		
	-3172 Dec 10 j 04:32	0°♊			-3171 Dec 05 j 20:46	0°♊			
desc. node	-3172 Dec 21 j 04:27	13°♊25'47		desc. node	-3171 Dec 08 j 01:29	3°♊07'14			
	-3171 Jan 01 j 11:43	0°♊			-3171 Dec 25 j 07:39	0°♊			
morning set	-3171 Jan 14 j 14:33	22°♊02'31		morning set	-3171 Dec 27 j 05:29	3°♊14'13			
max. Earth dist.	-3171 Jan 18 j 08:07	28°♊53'58	1.36622 AU	max. Earth dist.	-3171 Dec 31 j 04:27	10°♊07'44	1.38615 AU		
	-3171 Jan 18 j 22:11	0°♊							
superior conj	-3171 Jan 24 j 08:46	10°♊31'39	-1°39'07	superior conj	-3170 Jan 07 j 11:16	23°♊29'16	-1°52'18		
minimum elong	-3171 Jan 24 j 11:57	10°♊47'25	1°38'55	minimum elong	-3170 Jan 07 j 13:20	23°♊39'03	1°52'18		
evening rise	-3171 Feb 01 j 12:55	27°♊00'37			-3170 Jan 10 j 20:51	0°♊			
	-3171 Feb 03 j 00:42	0°♊		evening rise	-3170 Jan 16 j 10:09	10°♊51'03			
asc. node	-3171 Feb 05 j 05:58	4°♊21'42		asc. node	-3170 Jan 23 j 03:01	23°♊31'36			
evening max el	-3171 Feb 18 j 23:56	25°♊11'25	19°41'17		-3170 Jan 27 j 00:23	0°♊			
retrograde	-3171 Feb 28 j 14:55	29°♊45'59		evening max el	-3170 Feb 01 j 22:04	7°♊26'39	18°50'04		
evening set	-3171 Mar 02 j 21:45	29°♊31'42		retrograde	-3170 Feb 10 j 02:40	11°♊23'44			
inferior conj	-3171 Mar 11 j 10:48	25°♊28'24	2°02'30	evening set	-3170 Feb 12 j 12:41	11°♊04'29			
minimum elong	-3171 Mar 11 j 15:19	25°♊21'15	2°01'06	inferior conj	-3170 Feb 20 j 07:57	6°♊44'19	3°16'00		
min. Earth dist.	-3171 Mar 13 j 22:21	23°♊54'51	0.56047 AU	minimum elong	-3170 Feb 20 j 12:18	6°♊36'20	3°15'02		
desc. node	-3171 Mar 19 j 03:32	21°♊12'27		min. Earth dist.	-3170 Feb 23 j 14:15	4°♊22'16	0.57614 AU		
morning rise	-3171 Mar 20 j 06:25	20°♊48'49		morning rise	-3170 Feb 28 j 09:20	1°♊34'46			
direct	-3171 Mar 24 j 13:45	20°♊07'20		direct	-3170 Mar 05 j 21:49	0°♊21'03			
morning max el	-3171 Apr 07 j 12:54	27°♊08'52	24°25'48	desc. node	-3170 Mar 06 j 00:38	0°♊21'05			
	-3171 Apr 10 j 07:11	0°♊		morning max el	-3170 Mar 20 j 04:19	7°♊46'38	25°57'05		
	-3171 Apr 29 j 08:45	0°♊			-3170 Apr 05 j 17:13	0°♊			
morning set	-3171 May 02 j 17:46	6°♊55'29		morning set	-3170 Apr 17 j 05:34	21°♊56'06			
asc. node	-3171 May 04 j 05:30	10°♊04'36		asc. node	-3170 Apr 21 j 02:31	0°♊13'27			
					-3170 Apr 21 j 00:02	0°♊			
superior conj	-3171 May 09 j 18:41	22°♊03'45	0°55'06	superior conj	-3170 Apr 24 j 05:41	7°♊03'41	0°32'19		
minimum elong	-3171 May 09 j 16:30	21°♊51'57	0°54'44	minimum elong	-3170 Apr 24 j 04:18	6°♊56'07	0°32'02		
max. Earth dist.	-3171 May 11 j 09:05	25°♊30'49	1.33230 AU	max. Earth dist.	-3170 Apr 24 j 20:22	8°♊23'53	1.32704 AU		
	-3171 May 13 j 11:37	0°♊		evening rise	-3170 May 01 j 07:31	22°♊13'35			
evening rise	-3171 May 17 j 02:47	7°♊31'36			-3170 May 05 j 04:06	0°♊			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3170 May 23 j 08:45	0°♊		evening rise	-3169 Apr 15 j 16:31	7°♊07'03	
evening max el	-3170 Jun 01 j 05:44	10°♊13'29	27°01'02		-3169 Apr 27 j 18:09	0°♋	
desc. node	-3170 Jun 01 j 23:34	10°♊55'15		evening max el	-3169 May 14 j 04:53	21°♋52'47	26°05'38
retrograde	-3170 Jun 15 j 04:47	17°♊33'45		desc. node	-3169 May 19 j 20:38	26°♋23'43	
evening set	-3170 Jun 22 j 02:12	15°♊25'28		retrograde	-3169 May 28 j 06:56	29°♋09'23	
min. Earth dist.	-3170 Jun 25 j 19:17	12°♊41'57	0.61116 AU	evening set	-3169 Jun 03 j 09:17	27°♋37'57	
inferior conj	-3170 Jun 29 j 01:06	9°♊52'44	-4°20'11	min. Earth dist.	-3169 Jun 07 j 17:35	24°♋56'14	0.59061 AU
minimum elong	-3170 Jun 29 j 02:59	9°♊48'36	4°19'58	inferior conj	-3169 Jun 11 j 02:18	22°♋23'48	-4°21'58
morning rise	-3170 Jul 06 j 05:26	5°♊02'32		minimum elong	-3169 Jun 11 j 00:56	22°♋26'23	4°21'49
direct	-3170 Jul 08 j 18:22	4°♊36'18		morning rise	-3169 Jun 18 j 19:07	17°♋55'41	
morning max el	-3170 Jul 15 j 19:10	8°♊04'41	18°03'03	direct	-3169 Jun 21 j 07:20	17°♋34'14	
asc. node	-3170 Jul 18 j 01:55	10°♊35'07		morning max el	-3169 Jun 29 j 03:49	21°♋18'35	18°30'03
	-3170 Jul 29 j 23:58	0°♋		asc. node	-3169 Jul 04 j 22:58	28°♋32'03	
morning set	-3170 Jul 31 j 19:23	3°♋20'09			-3169 Jul 05 j 21:41	0°♌	
				morning set	-3169 Jul 15 j 08:12	17°♌02'13	
superior conj	-3170 Aug 11 j 00:08	21°♋51'45	1°37'50		-3169 Jul 22 j 02:35	0°♍	
minimum elong	-3170 Aug 11 j 03:51	22°♋08'08	1°37'41				
	-3170 Aug 15 j 16:51	0°♎		superior conj	-3169 Jul 24 j 09:37	4°♍17'40	1°47'55
max. Earth dist.	-3170 Aug 18 j 13:06	4°♎47'18	1.41884 AU	minimum elong	-3169 Jul 24 j 10:44	4°♍22'49	1°47'59
evening rise	-3170 Aug 24 j 13:51	14°♎37'33		max. Earth dist.	-3169 Jul 31 j 17:02	17°♍26'34	1.39984 AU
desc. node	-3170 Aug 28 j 22:52	21°♎31'02		evening rise	-3169 Aug 05 j 01:36	24°♍52'25	
	-3170 Sep 03 j 12:13	0°♏			-3169 Aug 08 j 04:12	0°♎	
	-3170 Sep 25 j 19:39	0°♏		desc. node	-3169 Aug 15 j 19:53	12°♎03'07	
evening max el	-3170 Sep 26 j 09:56	0°♏36'49	22°18'21		-3169 Aug 28 j 06:53	0°♏	
retrograde	-3170 Oct 05 j 21:51	6°♏15'30		evening max el	-3169 Sep 08 j 23:20	14°♏04'24	23°38'46
evening set	-3170 Oct 10 j 10:20	4°♏26'12		retrograde	-3169 Sep 19 j 14:19	20°♏20'58	
asc. node	-3170 Oct 14 j 00:57	0°♏28'54		evening set	-3169 Sep 24 j 16:52	18°♏12'30	
	-3170 Oct 14 j 09:39	30°♏		min. Earth dist.	-3169 Sep 29 j 14:31	12°♏27'38	0.67424 AU
inferior conj	-3170 Oct 15 j 18:03	28°♏09'08	0°35'11	inferior conj	-3169 Sep 30 j 00:40	11°♏52'57	-0°18'21
minimum elong	-3170 Oct 15 j 17:14	28°♏11'57	0°34'50	minimum elong	-3169 Sep 30 j 01:06	11°♏51'28	0°18'08
min. Earth dist.	-3170 Oct 15 j 18:06	28°♏08'59	0.67446 AU	asc. node	-3169 Sep 30 j 22:02	10°♏40'21	
morning rise	-3170 Oct 21 j 00:02	21°♏55'31		morning rise	-3169 Oct 05 j 09:16	5°♏43'14	
direct	-3170 Oct 25 j 15:05	20°♏01'40		direct	-3169 Oct 09 j 10:41	4°♏10'33	
morning max el	-3170 Nov 04 j 04:54	25°♏43'14	22°26'53	morning max el	-3169 Oct 17 j 21:56	9°♏09'24	21°06'03
	-3170 Nov 08 j 01:30	0°♐			-3169 Nov 02 j 18:37	0°♐	
desc. node	-3170 Nov 24 j 22:28	23°♐11'53		desc. node	-3169 Nov 11 j 19:28	13°♐33'21	
	-3170 Nov 29 j 10:13	0°♑		morning set	-3169 Nov 17 j 00:22	21°♐36'53	
morning set	-3170 Dec 07 j 16:12	13°♑02'09			-3169 Nov 22 j 07:17	0°♑	
max. Earth dist.	-3170 Dec 13 j 01:47	21°♑59'10	1.40691 AU	max. Earth dist.	-3169 Nov 25 j 05:16	4°♑43'10	1.42568 AU
	-3170 Dec 17 j 17:28	0°♒					
superior conj	-3170 Dec 20 j 20:13	5°♒31'40	-1°56'14	superior conj	-3169 Dec 02 j 06:04	16°♑26'01	-1°46'59
minimum elong	-3170 Dec 20 j 19:37	5°♒29'01	1°56'19	minimum elong	-3169 Dec 02 j 01:35	16°♑06'56	1°46'47
evening rise	-3170 Dec 30 j 21:24	24°♒07'18			-3169 Dec 10 j 01:06	0°♓	
	-3169 Jan 03 j 00:48	0°♓		evening rise	-3169 Dec 13 j 18:58	6°♓41'46	
asc. node	-3169 Jan 10 j 00:03	12°♓09'30		asc. node	-3169 Dec 27 j 21:06	0°♓05'38	
evening max el	-3169 Jan 16 j 03:50	20°♓10'03	18°19'03		-3169 Dec 27 j 19:22	0°♓	
retrograde	-3169 Jan 23 j 09:01	23°♓45'16		evening max el	-3169 Dec 30 j 14:27	3°♓13'57	18°07'56
evening set	-3169 Jan 25 j 22:27	23°♓19'17		retrograde	-3168 Jan 06 j 06:48	6°♓41'18	
inferior conj	-3169 Feb 02 j 01:44	18°♓38'23	3°52'51	evening set	-3168 Jan 08 j 23:35	6°♓07'28	
minimum elong	-3169 Feb 02 j 03:38	18°♓34'19	3°52'35	inferior conj	-3168 Jan 15 j 13:52	1°♓05'20	4°00'09
min. Earth dist.	-3169 Feb 05 j 10:32	15°♓47'38	0.59569 AU	minimum elong	-3168 Jan 15 j 13:13	1°♓06'55	4°00'02
morning rise	-3169 Feb 09 j 06:50	13°♓05'42			-3168 Jan 16 j 16:27	30°♓	
direct	-3169 Feb 15 j 18:22	11°♓12'48		min. Earth dist.	-3168 Jan 18 j 14:03	28°♓10'03	0.61588 AU
desc. node	-3169 Feb 20 j 21:43	12°♓19'39		morning rise	-3168 Jan 22 j 01:38	25°♓17'20	
morning max el	-3169 Mar 02 j 00:25	18°♓51'33	27°05'11	direct	-3168 Jan 29 j 01:19	22°♓50'36	
	-3169 Mar 11 j 10:34	0°♔		desc. node	-3168 Feb 07 j 18:46	26°♓49'02	
	-3169 Mar 29 j 06:40	0°♕			-3168 Feb 11 j 11:55	0°♔	
morning set	-3169 Apr 01 j 15:17	6°♕49'43		morning max el	-3168 Feb 12 j 02:40	0°♔35'41	27°39'55
asc. node	-3169 Apr 07 j 23:32	20°♕26'27			-3168 Mar 04 j 11:18	0°♕	
				morning set	-3168 Mar 15 j 20:57	21°♕28'43	
superior conj	-3169 Apr 08 j 17:27	22°♕04'31	0°07'51		-3168 Mar 19 j 22:33	0°♕	
minimum elong	-3169 Apr 08 j 17:05	22°♕02'35	0°07'45	max. Earth dist.	-3168 Mar 21 j 21:16	4°♕11'27	1.32684 AU
behind sun begin	-3169 Apr 08 j 12:42	21°♕38'34					
behind sun end	-3169 Apr 08 j 21:29	22°♕26'37		superior conj	-3168 Mar 23 j 04:16	6°♕59'47	-0°17'31
max. Earth dist.	-3169 Apr 08 j 09:42	21°♕22'05	1.32517 AU	minimum elong	-3168 Mar 23 j 05:04	7°♕04'08	0°17'24
	-3169 Apr 12 j 08:32	0°♖		asc. node	-3168 Mar 24 j 20:31	10°♕39'03	
				evening rise	-3168 Mar 30 j 03:43	22°♕04'19	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3168 Apr 03 j 00:26	0°♊		asc. node	-3167 Mar 11 j 17:31	0°♋47'14	
	-3168 Apr 22 j 03:12	0°♋		evening rise	-3167 Mar 14 j 15:21	6°♋58'57	
evening max el	-3168 Apr 24 j 22:22	2°♋53'50	24°45'01		-3167 Mar 26 j 22:26	0°♊	
desc. node	-3168 May 05 j 17:43	9°♋35'24		evening max el	-3167 Apr 06 j 14:15	13°♊36'05	23°11'34
retrograde	-3168 May 08 j 22:20	9°♋59'00		retrograde	-3167 Apr 20 j 00:37	20°♊14'32	
evening set	-3168 May 13 j 18:36	9°♋05'34		desc. node	-3167 Apr 22 j 14:45	19°♊59'44	
min. Earth dist.	-3168 May 19 j 10:27	6°♋09'32	0.57160 AU	evening set	-3167 Apr 23 j 12:46	19°♊47'39	
inferior conj	-3168 May 22 j 07:56	4°♋15'30	-3°51'13	min. Earth dist.	-3167 May 01 j 00:45	16°♊25'46	0.55758 AU
minimum elong	-3168 May 22 j 02:56	4°♋23'47	3°50'18	inferior conj	-3167 May 02 j 18:03	15°♊25'15	-2°39'31
morning rise	-3168 May 30 j 14:18	0°♋06'44		minimum elong	-3167 May 02 j 11:59	15°♊34'10	2°37'47
	-3168 May 31 j 03:12	30°♋♊		morning rise	-3167 May 11 j 13:41	11°♊27'56	
direct	-3168 Jun 02 j 02:19	29°♊48'58		direct	-3167 May 14 j 03:09	11°♊12'01	
	-3168 Jun 04 j 00:27	0°♋		morning max el	-3167 May 24 j 19:48	16°♊10'23	20°25'07
morning max el	-3168 Jun 11 j 04:50	4°♋03'24	19°17'25		-3167 Jun 04 j 03:57	0°♋	
asc. node	-3168 Jun 20 j 19:59	17°♋11'39		asc. node	-3167 Jun 07 j 17:02	6°♋23'53	
	-3168 Jun 27 j 15:31	0°♌		morning set	-3167 Jun 12 j 11:20	15°♋48'26	
morning set	-3168 Jun 28 j 06:28	1°♌14'06			-3167 Jun 19 j 09:16	0°♌	
superior conj	-3168 Jul 06 j 12:35	17°♌36'55	1°47'35	superior conj	-3167 Jun 20 j 04:07	1°♌35'46	1°39'24
minimum elong	-3168 Jul 06 j 11:37	17°♌32'13	1°47'39	minimum elong	-3167 Jun 20 j 01:56	1°♌24'40	1°39'19
max. Earth dist.	-3168 Jul 12 j 18:49	29°♌27'35	1.38029 AU	max. Earth dist.	-3167 Jun 25 j 00:51	11°♌14'47	1.36250 AU
	-3168 Jul 13 j 01:54	0°♍		evening rise	-3167 Jun 29 j 02:55	18°♌58'53	
evening rise	-3168 Jul 16 j 15:12	6°♍22'31			-3167 Jul 05 j 07:30	0°♍	
	-3168 Jul 31 j 02:58	0°♎		desc. node	-3167 Jul 19 j 13:54	22°♍20'36	
desc. node	-3168 Aug 01 j 16:54	2°♎21'45			-3167 Jul 25 j 05:08	0°♎	
evening max el	-3168 Aug 21 j 10:30	27°♎35'17	24°57'24	evening max el	-3167 Aug 03 j 21:33	11°♎08'03	26°06'15
	-3168 Aug 24 j 01:20	0°♏		retrograde	-3167 Aug 16 j 10:23	18°♎16'35	
retrograde	-3168 Sep 02 j 02:44	4°♏22'59		evening set	-3167 Aug 22 j 18:26	15°♎35'48	
evening set	-3168 Sep 07 j 20:13	1°♏56'26		min. Earth dist.	-3167 Aug 26 j 22:59	11°♎03'40	0.66429 AU
	-3168 Sep 09 j 18:39	30°♏♏		inferior conj	-3167 Aug 28 j 07:24	9°♏22'07	-2°04'39
min. Earth dist.	-3168 Sep 12 j 08:58	26°♏46'42	0.67092 AU	minimum elong	-3167 Aug 28 j 10:18	9°♏13'04	2°03'29
inferior conj	-3168 Sep 13 j 05:43	25°♏38'06	-1°12'12	morning rise	-3167 Sep 03 j 02:20	3°♏29'49	
minimum elong	-3168 Sep 13 j 07:26	25°♏32'26	1°11'25	asc. node	-3167 Sep 03 j 16:12	3°♏10'38	
asc. node	-3168 Sep 16 j 19:07	21°♏18'24		direct	-3167 Sep 06 j 06:43	2°♏31'36	
morning rise	-3168 Sep 18 j 18:41	19°♏35'26		morning max el	-3167 Sep 13 j 05:19	6°♏26'32	19°01'12
direct	-3168 Sep 22 j 08:27	18°♏21'31			-3167 Sep 29 j 19:49	0°♏	
morning max el	-3168 Sep 29 j 22:11	22°♏44'08	19°56'26	morning set	-3167 Oct 05 j 09:18	8°♏45'47	
	-3168 Oct 05 j 22:23	0°♐		desc. node	-3167 Oct 15 j 13:27	24°♏46'43	
morning set	-3168 Oct 25 j 22:10	29°♐49'01			-3167 Oct 18 j 21:04	0°♑	
	-3168 Oct 26 j 01:01	0°♑		max. Earth dist.	-3167 Oct 20 j 08:52	2°♑21'04	1.44758 AU
desc. node	-3168 Oct 28 j 16:28	4°♑06'26					
max. Earth dist.	-3168 Nov 06 j 16:17	18°♑15'55	1.43984 AU	superior conj	-3167 Oct 21 j 19:36	4°♑38'08	-0°39'16
				minimum elong	-3167 Oct 21 j 14:38	4°♑18'31	0°38'38
superior conj	-3168 Nov 11 j 12:46	26°♑04'17	-1°21'10	evening rise	-3167 Nov 06 j 03:29	29°♑10'54	
minimum elong	-3168 Nov 11 j 05:31	25°♑34'55	1°20'29		-3167 Nov 06 j 15:34	0°♒	
	-3168 Nov 13 j 22:35	0°♒		evening max el	-3167 Nov 26 j 14:59	29°♒54'55	18°42'11
evening rise	-3168 Nov 24 j 22:30	18°♒25'58			-3167 Nov 26 j 16:58	0°♑	
	-3168 Dec 01 j 17:28	0°♑		asc. node	-3167 Nov 30 j 15:12	3°♑01'00	
evening max el	-3168 Dec 13 j 03:06	16°♑31'10	18°15'58	retrograde	-3167 Dec 03 j 08:05	3°♑40'53	
asc. node	-3168 Dec 13 j 18:08	17°♑07'51		evening set	-3167 Dec 06 j 09:51	2°♑47'27	
retrograde	-3168 Dec 19 j 15:50	20°♑02'39			-3167 Dec 09 j 18:01	30°♑♒	
evening set	-3168 Dec 22 j 12:29	19°♑19'48		inferior conj	-3167 Dec 12 j 06:11	27°♒07'26	3°18'17
inferior conj	-3168 Dec 28 j 16:35	13°♑57'34	3°46'27	minimum elong	-3167 Dec 12 j 03:09	27°♒16'33	3°17'30
minimum elong	-3168 Dec 28 j 14:16	14°♑03'56	3°46'03	min. Earth dist.	-3167 Dec 14 j 01:24	24°♒57'36	0.64930 AU
min. Earth dist.	-3168 Dec 31 j 02:48	11°♑18'29	0.63421 AU	morning rise	-3167 Dec 17 j 20:06	21°♒01'18	
morning rise	-3167 Jan 03 j 15:24	7°♑59'08		direct	-3167 Dec 24 j 13:51	18°♒09'53	
direct	-3167 Jan 10 j 16:18	5°♑12'24		morning max el	-3166 Jan 06 j 19:10	25°♒48'17	27°03'16
morning max el	-3167 Jan 24 j 09:44	12°♑57'51	27°38'19		-3166 Jan 10 j 16:48	0°♑	
desc. node	-3167 Jan 24 j 15:49	13°♑13'01		desc. node	-3166 Jan 11 j 12:53	0°♑58'26	
	-3167 Feb 07 j 03:03	0°♒			-3166 Jan 31 j 15:07	0°♒	
	-3167 Feb 24 j 21:48	0°♓		morning set	-3166 Feb 11 j 09:56	19°♒27'26	
morning set	-3167 Feb 27 j 20:13	5°♓44'58		max. Earth dist.	-3166 Feb 16 j 00:03	28°♒33'28	1.34206 AU
max. Earth dist.	-3167 Mar 05 j 03:16	16°♓38'51	1.33234 AU		-3166 Feb 16 j 17:01	0°♓	
superior conj	-3167 Mar 07 j 12:29	21°♓43'31	-0°42'50	superior conj	-3166 Feb 19 j 16:03	6°♓08'00	-1°07'01
minimum elong	-3167 Mar 07 j 14:25	21°♓53'49	0°42'31	minimum elong	-3166 Feb 19 j 18:53	6°♓22'53	1°06'38
	-3167 Mar 11 j 08:43	0°♈		asc. node	-3166 Feb 26 j 14:31	20°♓45'49	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3166 Feb 27 j 01:36	21° $\approx$ 43'36		superior conj	-3165 Feb 03 j 12:32	20° $\approx$ 06'08	-1°28'37
	-3166 Mar 03 j 03:31	0° $\text{H}$		minimum elong	-3165 Feb 03 j 15:50	20° $\approx$ 22'48	1°28'18
evening max el	-3166 Mar 19 j 10:37	24° $\text{H}$ 25'37	21°39'25		-3165 Feb 08 j 08:17	0° $\approx$	
	-3166 Mar 28 j 17:30	0° $\text{Y}$		evening rise	-3165 Feb 11 j 08:36	6° $\approx$ 12'18	
retrograde	-3166 Mar 31 j 16:16	0° $\text{Y}$ 20'30		asc. node	-3165 Feb 13 j 11:33	10° $\approx$ 30'11	
evening set	-3166 Apr 03 j 06:19	0° $\text{Y}$ 05'26			-3165 Feb 24 j 17:49	0° $\text{H}$	
	-3166 Apr 03 j 16:53	30° $\text{R}$ $\text{H}$		evening max el	-3165 Mar 01 j 16:27	5° $\text{H}$ 44'34	20°19'21
desc. node	-3166 Apr 09 j 11:50	27° $\text{H}$ 45'34		retrograde	-3165 Mar 12 j 06:59	10° $\text{H}$ 47'32	
inferior conj	-3166 Apr 12 j 14:54	26° $\text{H}$ 03'03	-0°52'16	evening set	-3165 Mar 14 j 13:16	10° $\text{H}$ 34'43	
minimum elong	-3166 Apr 12 j 12:28	26° $\text{H}$ 06'29	0°51'25	inferior conj	-3165 Mar 23 j 11:43	6° $\text{H}$ 36'03	1°04'10
min. Earth dist.	-3166 Apr 12 j 14:19	26° $\text{H}$ 03'53	0.55141 AU	minimum elong	-3165 Mar 23 j 14:30	6° $\text{H}$ 31'56	1°03'12
morning rise	-3166 Apr 21 j 19:16	22° $\text{H}$ 02'27		min. Earth dist.	-3165 Mar 25 j 04:25	5° $\text{H}$ 35'53	0.55459 AU
direct	-3166 Apr 24 j 15:57	21° $\text{H}$ 44'24		desc. node	-3165 Mar 27 j 08:57	4° $\text{H}$ 22'00	
morning max el	-3166 May 06 j 23:53	27° $\text{H}$ 35'18	21°51'03	morning rise	-3165 Apr 01 j 14:04	2° $\text{H}$ 13'38	
	-3166 May 09 j 08:42	0° $\text{Y}$		direct	-3165 Apr 05 j 05:22	1° $\text{H}$ 44'45	
asc. node	-3166 May 25 j 14:04	26° $\text{Y}$ 00'07		morning max el	-3165 Apr 18 j 19:01	8° $\text{H}$ 24'59	23°28'44
morning set	-3166 May 27 j 20:31	0° $\text{B}$ 38'27			-3165 May 04 j 08:45	0° $\text{Y}$	
	-3166 May 27 j 13:05	0° $\text{B}$		morning set	-3165 May 12 j 08:04	15° $\text{Y}$ 37'35	
				asc. node	-3165 May 12 j 11:05	15° $\text{Y}$ 53'25	
superior conj	-3166 Jun 04 j 04:27	16° $\text{B}$ 03'04	1°25'23				
minimum elong	-3166 Jun 04 j 01:49	15° $\text{B}$ 49'16	1°25'08	superior conj	-3165 May 19 j 10:40	0° $\text{B}$ 49'19	1°07'06
max. Earth dist.	-3166 Jun 07 j 15:44	23° $\text{B}$ 13'01	1.34783 AU	minimum elong	-3165 May 19 j 08:11	0° $\text{B}$ 36'02	1°06'45
	-3166 Jun 11 j 01:14	0° $\text{II}$			-3165 May 19 j 01:28	0° $\text{B}$	
evening rise	-3166 Jun 12 j 07:29	2° $\text{II}$ 26'59		max. Earth dist.	-3165 May 21 j 16:13	5° $\text{B}$ 34'20	1.33686 AU
	-3166 Jun 28 j 05:15	0° $\text{E}$		evening rise	-3165 May 27 j 00:13	16° $\text{B}$ 32'57	
desc. node	-3166 Jul 06 j 10:54	11° $\text{E}$ 51'22			-3165 Jun 03 j 02:13	0° $\text{II}$	
evening max el	-3166 Jul 17 j 09:02	24° $\text{E}$ 36'01	26°57'16		-3165 Jun 22 j 18:20	0° $\text{E}$	
	-3166 Jul 24 j 06:02	0° $\text{O}$		desc. node	-3165 Jun 23 j 07:57	0° $\text{E}$ 41'42	
retrograde	-3166 Jul 30 j 12:56	1° $\text{O}$ 55'42		evening max el	-3165 Jun 29 j 19:50	7° $\text{E}$ 47'50	27°23'14
	-3166 Aug 05 j 05:39	30° $\text{R}$ $\text{E}$		retrograde	-3165 Jul 13 j 10:01	15° $\text{E}$ 11'20	
evening set	-3166 Aug 06 j 09:10	29° $\text{E}$ 07'57		evening set	-3165 Jul 20 j 13:22	12° $\text{E}$ 27'57	
min. Earth dist.	-3166 Aug 10 j 06:12	25° $\text{E}$ 14'07	0.65403 AU	min. Earth dist.	-3165 Jul 24 j 04:43	9° $\text{E}$ 09'07	0.63997 AU
inferior conj	-3166 Aug 12 j 03:42	23° $\text{E}$ 02'01	-2°53'38	inferior conj	-3165 Jul 26 j 16:05	6° $\text{E}$ 32'28	-3°36'24
minimum elong	-3166 Aug 12 j 07:26	22° $\text{E}$ 51'08	2°52'22	minimum elong	-3165 Jul 26 j 20:03	6° $\text{E}$ 22'00	3°35'22
morning rise	-3166 Aug 18 j 06:09	17° $\text{E}$ 23'21		morning rise	-3165 Aug 02 j 03:32	1° $\text{E}$ 10'31	
direct	-3166 Aug 21 j 03:25	16° $\text{E}$ 37'35		direct	-3165 Aug 04 j 19:54	0° $\text{E}$ 34'14	
asc. node	-3166 Aug 21 j 13:19	16° $\text{E}$ 38'31		asc. node	-3165 Aug 08 j 10:25	1° $\text{E}$ 39'44	
morning max el	-3166 Aug 27 j 17:35	20° $\text{E}$ 13'54	18°22'06	morning max el	-3165 Aug 11 j 08:27	4° $\text{E}$ 00'31	18°00'11
	-3166 Sep 04 j 03:55	0° $\text{O}$			-3165 Aug 28 j 07:37	0° $\text{O}$	
morning set	-3166 Sep 15 j 22:57	19° $\text{O}$ 01'12		morning set	-3165 Aug 28 j 15:09	0° $\text{O}$ 32'19	
	-3166 Sep 22 j 16:54	0° $\text{P}$					
superior conj	-3166 Sep 30 j 19:42	12° $\text{P}$ 57'59	0°10'20	superior conj	-3165 Sep 10 j 11:16	22° $\text{O}$ 06'13	0°54'48
minimum elong	-3166 Sep 30 j 21:01	13° $\text{P}$ 03'14	0°10'10	minimum elong	-3165 Sep 10 j 16:37	22° $\text{O}$ 28'04	0°54'13
behind sun begin	-3166 Sep 30 j 12:12	12° $\text{P}$ 28'17			-3165 Sep 15 j 08:36	0° $\text{P}$	
behind sun end	-3166 Oct 01 j 05:51	13° $\text{P}$ 38'10		max. Earth dist.	-3165 Sep 15 j 20:13	0° $\text{P}$ 46'20	1.44133 AU
desc. node	-3166 Oct 02 j 10:26	15° $\text{P}$ 31'09		desc. node	-3165 Sep 19 j 07:25	6° $\text{P}$ 16'10	
max. Earth dist.	-3166 Oct 03 j 03:29	16° $\text{P}$ 38'23	1.44804 AU	evening rise	-3165 Sep 26 j 16:46	17° $\text{P}$ 47'31	
	-3166 Oct 11 j 15:36	0° $\text{E}$			-3165 Oct 04 j 16:19	0° $\text{E}$	
evening rise	-3166 Oct 17 j 07:52	8° $\text{E}$ 53'44		evening max el	-3165 Oct 24 j 03:23	26° $\text{E}$ 47'45	20°23'36
greatest brilliancy	-3166 Oct 28 j 02:46	25° $\text{E}$ 42'20	-0.8m		-3165 Oct 27 j 20:57	0° $\text{M}$	
	-3166 Oct 30 j 22:36	0° $\text{M}$		retrograde	-3165 Nov 01 j 01:41	1° $\text{M}$ 28'01	
evening max el	-3166 Nov 09 j 23:44	13° $\text{M}$ 21'26	19°25'20	asc. node	-3165 Nov 04 j 09:25	0° $\text{M}$ 24'11	
retrograde	-3166 Nov 17 j 04:16	17° $\text{M}$ 30'49		evening set	-3165 Nov 04 j 19:23	0° $\text{M}$ 07'08	
asc. node	-3166 Nov 17 j 12:18	17° $\text{M}$ 30'10			-3165 Nov 04 j 23:14	30° $\text{R}$ $\text{E}$	
evening set	-3166 Nov 20 j 12:56	16° $\text{M}$ 24'50		inferior conj	-3165 Nov 10 j 06:04	24° $\text{E}$ 01'04	1°55'03
inferior conj	-3166 Nov 26 j 03:33	10° $\text{M}$ 30'04	2°40'09	minimum elong	-3165 Nov 10 j 03:39	24° $\text{E}$ 09'10	1°54'06
minimum elong	-3166 Nov 26 j 00:34	10° $\text{M}$ 39'42	2°39'08	min. Earth dist.	-3165 Nov 10 j 23:09	23° $\text{E}$ 03'26	0.66857 AU
min. Earth dist.	-3166 Nov 27 j 08:53	8° $\text{M}$ 55'33	0.66071 AU	morning rise	-3165 Nov 15 j 11:44	17° $\text{E}$ 46'32	
morning rise	-3166 Dec 01 j 11:57	4° $\text{M}$ 18'31		direct	-3165 Nov 21 j 02:35	15° $\text{E}$ 19'04	
direct	-3166 Dec 07 j 17:28	1° $\text{M}$ 34'52		morning max el	-3165 Dec 02 j 13:28	22° $\text{E}$ 08'35	24°42'43
morning max el	-3166 Dec 20 j 04:47	8° $\text{M}$ 55'31	26°01'40		-3165 Dec 09 j 10:48	0° $\text{M}$	
desc. node	-3166 Dec 29 j 09:57	19° $\text{M}$ 41'33		desc. node	-3165 Dec 16 j 07:00	9° $\text{M}$ 05'00	
	-3165 Jan 05 j 20:08	0° $\text{J}$			-3165 Dec 30 j 03:26	0° $\text{J}$	
	-3165 Jan 24 j 02:38	0° $\text{B}$		morning set	-3164 Jan 07 j 14:50	14° $\text{J}$ 19'01	
morning set	-3165 Jan 25 j 09:58	2° $\text{B}$ 24'00		max. Earth dist.	-3164 Jan 11 j 08:00	20° $\text{J}$ 59'20	1.37436 AU
max. Earth dist.	-3165 Jan 29 j 09:12	9° $\text{B}$ 54'39	1.35622 AU		-3164 Jan 16 j 03:28	0° $\text{B}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3164 Jan 17 j 22:46	3° $\text{Z}$ 28'55	-1°45'37	minimum elong	-3164 Dec 30 j 19:35	16° $\text{X}$ 09'53	1°55'24
minimum elong	-3164 Jan 18 j 01:38	3° $\text{Z}$ 42'55	1°45'30		-3163 Jan 07 j 02:43	0° $\text{Z}$	
evening rise	-3164 Jan 26 j 10:08	20° $\text{Z}$ 18'35		evening rise	-3163 Jan 09 j 03:29	3° $\text{Z}$ 54'53	
asc. node	-3164 Jan 31 j 08:36	29° $\text{Z}$ 54'47		asc. node	-3163 Jan 17 j 05:39	18° $\text{Z}$ 52'07	
	-3164 Jan 31 j 09:42	0° $\approx$			-3163 Jan 25 j 07:01	0° $\approx$	
evening max el	-3164 Feb 12 j 09:07	17° $\approx$ 40'50	19°17'05	evening max el	-3163 Jan 25 j 10:55	0° $\approx$ 09'30	18°34'31
retrograde	-3164 Feb 21 j 08:33	21° $\approx$ 57'42		retrograde	-3163 Feb 02 j 04:01	3° $\approx$ 55'01	
evening set	-3164 Feb 23 j 16:19	21° $\approx$ 41'45		evening set	-3163 Feb 04 j 15:39	3° $\approx$ 32'59	
inferior conj	-3164 Mar 02 j 21:50	17° $\approx$ 32'25	2°38'19		-3163 Feb 10 j 22:59	30° $\text{R}$ $\text{Z}$	
minimum elong	-3164 Mar 03 j 02:44	17° $\approx$ 24'12	2°36'57	inferior conj	-3163 Feb 12 j 03:48	29° $\text{Z}$ 04'35	3°35'46
min. Earth dist.	-3164 Mar 05 j 19:40	15° $\approx$ 36'04	0.56640 AU	minimum elong	-3163 Feb 12 j 07:15	28° $\text{Z}$ 57'51	3°35'08
morning rise	-3164 Mar 11 j 10:21	12° $\approx$ 39'10		min. Earth dist.	-3163 Feb 15 j 13:07	26° $\text{Z}$ 27'21	0.58417 AU
desc. node	-3164 Mar 13 j 06:04	12° $\approx$ 06'28		morning rise	-3163 Feb 19 j 20:27	23° $\text{Z}$ 44'22	
direct	-3164 Mar 16 j 06:07	11° $\approx$ 45'22		direct	-3163 Feb 25 j 20:10	22° $\text{Z}$ 13'50	
morning max el	-3164 Mar 30 j 10:03	18° $\approx$ 59'50	25°06'30	desc. node	-3163 Feb 28 j 03:10	22° $\text{Z}$ 26'58	
	-3164 Apr 08 j 15:12	0° $\text{H}$		morning max el	-3163 Mar 12 j 02:48	29° $\text{Z}$ 46'07	26°29'31
morning set	-3164 Apr 25 j 20:17	0° $\text{Y}$ 40'00			-3163 Mar 12 j 08:30	0° $\approx$	
	-3164 Apr 25 j 12:39	0° $\text{Y}$			-3163 Apr 02 j 08:43	0° $\text{H}$	
asc. node	-3164 Apr 28 j 08:06	5° $\text{Y}$ 58'27		morning set	-3163 Apr 10 j 07:23	15° $\text{H}$ 38'25	
				asc. node	-3163 Apr 15 j 05:06	26° $\text{H}$ 09'36	
superior conj	-3164 May 02 j 20:32	15° $\text{Y}$ 47'05	0°45'42		-3163 Apr 16 j 23:14	0° $\text{Y}$	
minimum elong	-3164 May 02 j 18:39	15° $\text{Y}$ 36'52	0°45'22				
max. Earth dist.	-3164 May 04 j 00:25	18° $\text{Y}$ 18'27	1.32961 AU	superior conj	-3163 Apr 17 j 08:03	0° $\text{Y}$ 48'21	0°22'07
	-3164 May 09 j 12:43	0° $\text{B}$		minimum elong	-3163 Apr 17 j 07:05	0° $\text{Y}$ 43'03	0°21'54
evening rise	-3164 May 10 j 01:28	1° $\text{B}$ 05'29		max. Earth dist.	-3163 Apr 17 j 13:00	1° $\text{Y}$ 15'22	1.32588 AU
	-3164 May 26 j 01:44	0° $\text{II}$		evening rise	-3163 Apr 24 j 08:18	15° $\text{Y}$ 53'44	
desc. node	-3164 Jun 09 j 05:00	18° $\text{II}$ 34'31			-3163 May 01 j 11:46	0° $\text{B}$	
evening max el	-3164 Jun 11 j 04:01	20° $\text{II}$ 32'10	27°18'37		-3163 May 21 j 17:23	0° $\text{II}$	
retrograde	-3164 Jun 25 j 00:53	27° $\text{II}$ 54'29		evening max el	-3163 May 24 j 07:09	2° $\text{II}$ 37'10	26°41'08
evening set	-3164 Jul 02 j 03:19	25° $\text{II}$ 29'35		desc. node	-3163 May 27 j 02:04	5° $\text{II}$ 04'41	
min. Earth dist.	-3164 Jul 05 j 17:28	22° $\text{II}$ 36'54	0.62244 AU	retrograde	-3163 Jun 07 j 07:55	9° $\text{II}$ 55'43	
inferior conj	-3164 Jul 08 j 17:38	19° $\text{II}$ 47'23	-4°08'44	evening set	-3163 Jun 13 j 22:37	8° $\text{II}$ 02'36	
minimum elong	-3164 Jul 08 j 20:42	19° $\text{II}$ 40'08	4°08'13	min. Earth dist.	-3163 Jun 17 j 20:35	5° $\text{II}$ 21'42	0.60249 AU
morning rise	-3164 Jul 15 j 15:24	14° $\text{II}$ 44'47		inferior conj	-3163 Jun 21 j 04:45	2° $\text{II}$ 37'11	-4°24'15
direct	-3164 Jul 18 j 05:00	14° $\text{II}$ 15'29		minimum elong	-3163 Jun 21 j 05:25	2° $\text{II}$ 35'47	4°24'08
morning max el	-3164 Jul 24 j 23:07	17° $\text{II}$ 40'35	17°56'27		-3163 Jun 24 j 14:03	30° $\text{R}$ $\text{B}$	
asc. node	-3164 Jul 25 j 07:30	18° $\text{II}$ 01'33		morning rise	-3163 Jun 28 j 14:12	27° $\text{B}$ 56'00	
	-3164 Aug 02 j 18:54	0° $\text{B}$		direct	-3163 Jul 01 j 02:42	27° $\text{B}$ 31'55	
morning set	-3164 Aug 10 j 04:52	13° $\text{B}$ 05'32			-3163 Jul 07 j 04:52	0° $\text{II}$	
	-3164 Aug 19 j 17:48	0° $\Omega$		morning max el	-3163 Jul 08 j 10:42	1° $\text{II}$ 05'48	18°11'59
				asc. node	-3163 Jul 12 j 04:32	5° $\text{II}$ 27'34	
superior conj	-3164 Aug 21 j 05:47	2° $\Omega$ 34'44	1°26'14	morning set	-3163 Jul 24 j 10:34	26° $\text{II}$ 25'55	
minimum elong	-3164 Aug 21 j 10:49	2° $\Omega$ 56'13	1°25'53		-3163 Jul 26 j 08:06	0° $\text{B}$	
max. Earth dist.	-3164 Aug 28 j 08:41	14° $\Omega$ 29'11	1.42846 AU				
evening rise	-3164 Sep 04 j 22:31	26° $\Omega$ 36'00		superior conj	-3163 Aug 03 j 02:32	14° $\text{B}$ 21'32	1°43'34
desc. node	-3164 Sep 05 j 04:23	26° $\Omega$ 58'57		minimum elong	-3163 Aug 03 j 05:08	14° $\text{B}$ 33'14	1°43'32
	-3164 Sep 07 j 02:55	0° $\text{H}$		max. Earth dist.	-3163 Aug 10 j 15:58	27° $\text{B}$ 34'56	1.41106 AU
	-3164 Sep 27 j 14:18	0° $\underline{\text{A}}$			-3163 Aug 12 j 02:23	0° $\Omega$	
evening max el	-3164 Oct 06 j 01:02	10° $\underline{\text{A}}$ 13'47	21°34'04	evening rise	-3163 Aug 15 j 20:08	6° $\Omega$ 10'21	
retrograde	-3164 Oct 14 j 22:12	15° $\underline{\text{A}}$ 30'11		desc. node	-3163 Aug 23 j 01:22	17° $\Omega$ 36'03	
evening set	-3164 Oct 19 j 03:13	13° $\underline{\text{A}}$ 51'57			-3163 Aug 31 j 08:10	0° $\text{H}$	
asc. node	-3164 Oct 21 j 06:32	11° $\underline{\text{A}}$ 47'28		evening max el	-3163 Sep 18 j 17:05	23° $\text{H}$ 40'40	22°52'26
inferior conj	-3164 Oct 24 j 11:35	7° $\underline{\text{A}}$ 38'05	1°05'15	retrograde	-3163 Sep 28 j 16:21	29° $\text{H}$ 35'17	
minimum elong	-3164 Oct 24 j 10:07	7° $\underline{\text{A}}$ 43'08	1°04'38	evening set	-3163 Oct 03 j 10:41	27° $\text{H}$ 37'57	
min. Earth dist.	-3164 Oct 24 j 17:42	7° $\underline{\text{A}}$ 17'01	0.67320 AU	asc. node	-3163 Oct 08 j 03:37	22° $\text{H}$ 10'07	
morning rise	-3164 Oct 29 j 16:51	1° $\underline{\text{A}}$ 23'16		inferior conj	-3163 Oct 08 j 18:17	21° $\text{H}$ 19'40	0°12'36
	-3164 Oct 31 j 17:36	30° $\text{R}$ $\text{H}$		minimum elong	-3163 Oct 08 j 17:59	21° $\text{H}$ 20'41	0°12'30
direct	-3164 Nov 03 j 16:30	29° $\text{H}$ 16'30		transit middle	-3163 Oct 08 j 17:59	21° $\text{H}$ 20'41	0°12'30
	-3164 Nov 06 j 20:44	0° $\underline{\text{A}}$		transit begin	-3163 Oct 08 j 16:14	21° $\text{H}$ 26'41	
morning max el	-3164 Nov 13 j 22:45	5° $\underline{\text{A}}$ 23'55	23°16'16	transit end	-3163 Oct 08 j 19:43	21° $\text{H}$ 14'41	
desc. node	-3164 Dec 02 j 04:00	28° $\underline{\text{A}}$ 57'01		min. Earth dist.	-3163 Oct 08 j 14:03	21° $\text{H}$ 34'15	0.67475 AU
	-3164 Dec 02 j 21:10	0° $\text{M}$		morning rise	-3163 Oct 14 j 01:09	15° $\text{H}$ 07'26	
morning set	-3164 Dec 18 j 18:10	24° $\text{M}$ 55'29		direct	-3163 Oct 18 j 10:19	13° $\text{H}$ 22'34	
	-3164 Dec 21 j 18:05	0° $\text{X}$		morning max el	-3163 Oct 27 j 12:05	18° $\text{H}$ 44'56	21°51'26
max. Earth dist.	-3164 Dec 23 j 03:15	2° $\text{X}$ 23'05	1.39497 AU		-3163 Nov 05 j 18:14	0° $\underline{\text{A}}$	
				desc. node	-3163 Nov 19 j 00:59	19° $\underline{\text{A}}$ 09'34	
superior conj	-3164 Dec 30 j 18:26	16° $\text{X}$ 04'36	-1°55'20		-3163 Nov 26 j 01:52	0° $\text{M}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3163 Nov 28 j 16:36	4°♌08'23		desc. node	-3162 Nov 05 j 21:58	9°♊36'15	
max. Earth dist.	-3163 Dec 05 j 03:04	14°♌37'21	1.41531 AU	morning set	-3162 Nov 07 j 17:31	12°♊24'47	
				max. Earth dist.	-3162 Nov 17 j 10:24	27°♊45'26	1.43240 AU
superior conj	-3163 Dec 12 j 18:18	27°♌39'57	-1°54'10		-3162 Nov 18 j 19:39	0°♌	
minimum elong	-3163 Dec 12 j 16:08	27°♌30'27	1°54'11				
	-3163 Dec 14 j 02:05	0°♌		superior conj	-3162 Nov 23 j 16:45	8°♌01'20	-1°38'10
evening rise	-3163 Dec 23 j 09:23	16°♌54'16		minimum elong	-3162 Nov 23 j 10:42	7°♌36'12	1°37'45
	-3163 Dec 30 j 15:06	0°♌		evening rise	-3162 Dec 05 j 23:49	29°♌08'05	
asc. node	-3162 Jan 04 j 02:42	7°♌13'33			-3162 Dec 06 j 11:38	0°♌	
evening max el	-3162 Jan 08 j 19:09	13°♌02'41	18°11'58	asc. node	-3162 Dec 21 j 23:45	24°♌47'51	
retrograde	-3162 Jan 15 j 17:27	16°♌32'44		evening max el	-3162 Dec 23 j 06:52	26°♌12'00	18°09'01
evening set	-3162 Jan 18 j 08:26	16°♌03'23		retrograde	-3162 Dec 29 j 20:41	29°♌40'04	
inferior conj	-3162 Jan 25 j 05:46	11°♌13'10	3°59'00	evening set	-3161 Jan 01 j 14:59	29°♌02'31	
minimum elong	-3162 Jan 25 j 06:32	11°♌11'28	3°58'53	inferior conj	-3161 Jan 08 j 00:34	23°♌51'17	3°56'28
min. Earth dist.	-3162 Jan 28 j 11:48	8°♌17'58	0.60438 AU	minimum elong	-3161 Jan 07 j 23:05	23°♌55'05	3°56'16
morning rise	-3162 Feb 01 j 03:03	5°♌33'31		min. Earth dist.	-3161 Jan 10 j 19:00	21°♌00'58	0.62397 AU
direct	-3162 Feb 07 j 21:17	3°♌25'11		morning rise	-3161 Jan 14 j 06:16	17°♌58'13	
desc. node	-3162 Feb 15 j 00:15	5°♌33'39		direct	-3161 Jan 21 j 07:27	15°♌21'26	
morning max el	-3162 Feb 22 j 01:23	11°♌06'18	27°24'24	desc. node	-3161 Feb 01 j 21:18	20°♌55'33	
	-3162 Mar 08 j 20:05	0°♌		morning max el	-3161 Feb 04 j 06:07	23°♌07'16	27°43'46
	-3162 Mar 25 j 10:31	0°♌			-3161 Feb 10 j 10:16	0°♌	
morning set	-3162 Mar 25 j 15:38	0°♌26'26			-3161 Mar 02 j 00:15	0°♌	
max. Earth dist.	-3162 Apr 01 j 02:11	14°♌12'05	1.32553 AU	morning set	-3161 Mar 09 j 18:55	14°♌56'31	
				max. Earth dist.	-3161 Mar 15 j 12:02	26°♌54'01	1.32869 AU
					-3161 Mar 16 j 22:33	0°♌	
superior conj	-3162 Apr 01 j 19:36	15°♌47'14	-0°02'51				
minimum elong	-3162 Apr 01 j 19:44	15°♌47'57	0°02'52	superior conj	-3161 Mar 17 j 05:31	0°♌37'42	-0°28'19
behind sun begin	-3162 Apr 01 j 14:46	15°♌20'50		minimum elong	-3161 Mar 17 j 06:48	0°♌44'40	0°28'06
behind sun end	-3162 Apr 02 j 00:41	16°♌15'04		asc. node	-3161 Mar 19 j 23:06	6°♌33'39	
asc. node	-3162 Apr 02 j 02:05	16°♌22'44		evening rise	-3161 Mar 24 j 06:04	15°♌46'09	
	-3162 Apr 08 j 09:03	0°♌			-3161 Mar 31 j 09:29	0°♌	
evening rise	-3162 Apr 08 j 18:28	0°♌49'40		evening max el	-3161 Apr 17 j 19:39	24°♌48'02	24°05'55
	-3162 Apr 24 j 19:53	0°♌			-3161 Apr 24 j 20:24	0°♌	
evening max el	-3162 May 06 j 03:43	13°♌58'49	25°33'40	desc. node	-3161 Apr 30 j 20:12	1°♌43'07	
desc. node	-3162 May 13 j 23:08	19°♌39'36		retrograde	-3161 May 01 j 15:24	1°♌44'35	
retrograde	-3162 May 20 j 05:20	21°♌10'58		evening set	-3161 May 05 j 21:46	1°♌04'02	
evening set	-3162 May 25 j 20:08	19°♌56'21			-3161 May 08 j 14:41	30°♌	
min. Earth dist.	-3162 May 30 j 15:57	17°♌10'22	0.58226 AU	min. Earth dist.	-3161 May 12 j 07:07	27°♌58'29	0.56483 AU
inferior conj	-3162 Jun 02 j 21:52	14°♌52'07	-4°13'30	inferior conj	-3161 May 14 j 18:55	26°♌25'36	-3°25'57
minimum elong	-3162 Jun 02 j 18:52	14°♌57'30	4°13'08	minimum elong	-3161 May 14 j 12:56	26°♌34'57	3°24'35
morning rise	-3162 Jun 10 j 20:20	10°♌32'41		morning rise	-3161 May 23 j 07:12	22°♌23'32	
direct	-3162 Jun 13 j 08:38	10°♌12'46		direct	-3161 May 25 j 19:30	22°♌06'54	
morning max el	-3162 Jun 21 j 16:21	14°♌07'45	18°47'38	morning max el	-3161 Jun 04 j 13:25	26°♌37'56	19°43'51
asc. node	-3162 Jun 29 j 01:33	23°♌43'36			-3161 Jun 07 j 16:46	0°♌	
	-3162 Jul 02 j 16:55	0°♌		asc. node	-3161 Jun 15 j 22:35	12°♌38'18	
morning set	-3162 Jul 08 j 03:47	10°♌21'34		morning set	-3161 Jun 22 j 05:12	24°♌44'17	
					-3161 Jun 24 j 19:42	0°♌	
superior conj	-3162 Jul 16 j 20:06	27°♌11'40	1°48'53				
minimum elong	-3162 Jul 16 j 20:14	27°♌12'18	1°48'59	superior conj	-3161 Jun 30 j 05:01	10°♌50'06	1°44'56
	-3162 Jul 18 j 07:50	0°♌		minimum elong	-3161 Jun 30 j 03:26	10°♌42'15	1°44'58
max. Earth dist.	-3162 Jul 23 j 18:49	9°♌57'43	1.39149 AU	max. Earth dist.	-3161 Jul 05 j 21:40	21°♌49'55	1.37238 AU
evening rise	-3162 Jul 27 j 19:00	16°♌56'55		evening rise	-3161 Jul 09 j 18:40	28°♌57'07	
	-3162 Aug 04 j 17:23	0°♌			-3161 Jul 10 j 08:43	0°♌	
desc. node	-3162 Aug 09 j 22:21	8°♌02'51		desc. node	-3161 Jul 27 j 19:22	28°♌14'16	
	-3162 Aug 25 j 19:57	0°♌			-3161 Jul 29 j 00:36	0°♌	
evening max el	-3162 Sep 01 j 05:12	7°♌09'16	24°12'55	evening max el	-3161 Aug 14 j 15:58	20°♌41'00	25°28'15
retrograde	-3162 Sep 12 j 07:03	13°♌39'40		retrograde	-3161 Aug 26 j 17:39	27°♌39'21	
evening set	-3162 Sep 17 j 16:04	11°♌23'01		evening set	-3161 Sep 01 j 17:32	25°♌05'47	
min. Earth dist.	-3162 Sep 22 j 09:47	5°♌53'05	0.67324 AU	min. Earth dist.	-3161 Sep 06 j 02:36	20°♌12'00	0.66854 AU
inferior conj	-3162 Sep 23 j 00:24	5°♌03'44	-0°41'17	inferior conj	-3161 Sep 07 j 04:16	18°♌48'51	-1°34'44
minimum elong	-3162 Sep 23 j 01:23	5°♌00'25	0°40'49	minimum elong	-3161 Sep 07 j 06:30	18°♌41'36	1°33'47
asc. node	-3162 Sep 25 j 00:41	2°♌25'15		asc. node	-3161 Sep 11 j 21:45	13°♌30'41	
	-3162 Sep 27 j 04:54	30°♌		morning rise	-3161 Sep 12 j 19:36	12°♌50'25	
morning rise	-3162 Sep 28 j 10:41	28°♌56'55		direct	-3161 Sep 16 j 05:00	11°♌43'47	
direct	-3162 Oct 02 j 06:54	27°♌32'37		morning max el	-3161 Sep 23 j 11:38	15°♌53'38	19°31'03
	-3162 Oct 07 j 21:23	0°♌			-3161 Oct 04 j 04:46	0°♌	
morning max el	-3162 Oct 10 j 08:10	2°♌14'36	20°34'54	morning set	-3161 Oct 17 j 18:22	20°♌48'50	
	-3162 Oct 30 j 15:05	0°♌					



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3161 Oct 23 j 18:58	0° $\underline{\mathbf{a}}$ 12'51				-3160 Sep 26 j 11:47	0° $\mathbf{\Pi}$	
	-3161 Oct 23 j 15:41	0° $\underline{\mathbf{a}}$		morning set		-3160 Sep 26 j 16:03	0° $\mathbf{\Pi}$ 17'02	
max. Earth dist.	-3161 Oct 31 j 00:01	11° $\underline{\mathbf{a}}$ 33'36	1.44398 AU	desc. node		-3160 Oct 09 j 15:58	20° $\mathbf{\Pi}$ 55'11	
superior conj	-3161 Nov 03 j 12:04	17° $\underline{\mathbf{a}}$ 08'05	-1°05'02	superior conj		-3160 Oct 12 j 13:20	25° $\mathbf{\Pi}$ 28'25	-0°18'24
minimum elong	-3161 Nov 03 j 05:03	16° $\underline{\mathbf{a}}$ 40'00	1°04'15	minimum elong		-3160 Oct 12 j 10:54	25° $\mathbf{\Pi}$ 18'50	0°18'05
	-3161 Nov 11 j 10:44	0° $\mathbf{\Pi}$		max. Earth dist.		-3160 Oct 12 j 17:14	25° $\mathbf{\Pi}$ 43'46	1.44868 AU
evening rise	-3161 Nov 17 j 18:17	10° $\mathbf{\Pi}$ 27'55				-3160 Oct 15 j 10:19	0° $\underline{\mathbf{a}}$	
	-3161 Nov 29 j 15:21	0° $\mathbf{\mathcal{A}}$		evening rise		-3160 Oct 28 j 12:43	20° $\underline{\mathbf{a}}$ 45'43	
evening max el	-3161 Dec 06 j 19:25	9° $\mathbf{\mathcal{A}}$ 31'51	18°24'56			-3160 Nov 03 j 07:24	0° $\mathbf{\Pi}$	
asc. node	-3161 Dec 08 j 20:49	11° $\mathbf{\mathcal{A}}$ 22'08		evening max el		-3160 Nov 19 j 06:17	22° $\mathbf{\Pi}$ 57'23	18°58'38
retrograde	-3161 Dec 13 j 09:18	13° $\mathbf{\mathcal{A}}$ 08'41		asc. node		-3160 Nov 24 j 17:53	26° $\mathbf{\Pi}$ 41'19	
evening set	-3161 Dec 16 j 07:49	12° $\mathbf{\mathcal{A}}$ 21'42		retrograde		-3160 Nov 26 j 03:31	26° $\mathbf{\Pi}$ 52'18	
inferior conj	-3161 Dec 22 j 08:21	6° $\mathbf{\mathcal{A}}$ 51'35	3°35'58	evening set		-3160 Nov 29 j 07:55	25° $\mathbf{\Pi}$ 53'57	
minimum elong	-3161 Dec 22 j 05:37	6° $\mathbf{\mathcal{A}}$ 59'24	3°35'23	inferior conj		-3160 Dec 05 j 01:37	20° $\mathbf{\Pi}$ 07'33	3°03'07
min. Earth dist.	-3161 Dec 24 j 12:11	4° $\mathbf{\mathcal{A}}$ 23'32	0.64104 AU	minimum elong		-3160 Dec 04 j 22:31	20° $\mathbf{\Pi}$ 17'09	3°02'12
morning rise	-3161 Dec 28 j 02:52	0° $\mathbf{\mathcal{A}}$ 49'14		min. Earth dist.		-3160 Dec 06 j 14:52	18° $\mathbf{\Pi}$ 12'00	0.65460 AU
	-3161 Dec 29 j 04:44	30° $\mathbf{\mathcal{K}}$ $\mathbf{\Pi}$		morning rise		-3160 Dec 10 j 12:48	13° $\mathbf{\Pi}$ 58'49	
direct	-3160 Jan 04 j 01:27	27° $\mathbf{\Pi}$ 58'36		direct		-3160 Dec 17 j 01:55	11° $\mathbf{\Pi}$ 09'00	
	-3160 Jan 10 j 12:18	0° $\mathbf{\mathcal{A}}$		morning max el		-3160 Dec 30 j 00:19	18° $\mathbf{\Pi}$ 41'52	26°39'44
morning max el	-3160 Jan 17 j 14:42	5° $\mathbf{\mathcal{A}}$ 43'09	27°27'09	desc. node		-3159 Jan 05 j 15:28	26° $\mathbf{\Pi}$ 09'53	
desc. node	-3160 Jan 19 j 18:23	7° $\mathbf{\mathcal{A}}$ 57'15				-3159 Jan 08 j 15:27	0° $\mathbf{\mathcal{A}}$	
	-3160 Feb 05 j 04:32	0° $\mathbf{\mathcal{B}}$				-3159 Jan 28 j 03:41	0° $\mathbf{\mathcal{B}}$	
morning set	-3160 Feb 21 j 14:34	28° $\mathbf{\mathcal{B}}$ 59'30		morning set		-3159 Feb 03 j 23:06	12° $\mathbf{\mathcal{B}}$ 24'33	
	-3160 Feb 22 j 02:48	0° $\approx$		max. Earth dist.		-3159 Feb 08 j 06:07	20° $\mathbf{\mathcal{B}}$ 45'50	1.34746 AU
max. Earth dist.	-3160 Feb 26 j 14:26	9° $\approx$ 07'25	1.33585 AU	superior conj		-3159 Feb 12 j 12:58	29° $\mathbf{\mathcal{B}}$ 28'20	-1°16'37
superior conj	-3160 Feb 29 j 12:01	15° $\approx$ 13'34	-0°53'20	minimum elong		-3159 Feb 12 j 16:04	29° $\mathbf{\mathcal{B}}$ 44'23	1°16'13
minimum elong	-3160 Feb 29 j 14:22	15° $\approx$ 26'03	0°52'58			-3159 Feb 12 j 19:05	0° $\approx$	
asc. node	-3160 Mar 05 j 20:08	26° $\approx$ 37'55		evening rise		-3159 Feb 20 j 02:27	15° $\approx$ 15'22	
	-3160 Mar 07 j 10:20	0° $\mathbf{\mathcal{H}}$		asc. node		-3159 Feb 20 j 17:11	16° $\approx$ 31'17	
evening rise	-3160 Mar 07 j 17:19	0° $\mathbf{\mathcal{H}}$ 36'36				-3159 Feb 27 j 15:53	0° $\mathbf{\mathcal{H}}$	
	-3160 Mar 24 j 14:39	0° $\mathbf{\mathcal{Y}}$		evening max el		-3159 Mar 11 j 12:47	16° $\mathbf{\mathcal{H}}$ 30'37	21°03'34
evening max el	-3160 Mar 29 j 12:35	5° $\mathbf{\mathcal{Y}}$ 29'32	22°31'33	retrograde		-3159 Mar 23 j 02:32	22° $\mathbf{\mathcal{H}}$ 03'04	
retrograde	-3160 Apr 11 j 13:05	11° $\mathbf{\mathcal{Y}}$ 51'59		evening set		-3159 Mar 25 j 11:35	21° $\mathbf{\mathcal{H}}$ 49'54	
evening set	-3160 Apr 14 j 13:43	11° $\mathbf{\mathcal{Y}}$ 31'52		inferior conj		-3159 Apr 03 j 17:16	17° $\mathbf{\mathcal{H}}$ 51'42	-0°02'01
desc. node	-3160 Apr 16 j 17:18	10° $\mathbf{\mathcal{Y}}$ 54'49		minimum elong		-3159 Apr 03 j 17:11	17° $\mathbf{\mathcal{H}}$ 51'50	0°02'00
min. Earth dist.	-3160 Apr 22 j 21:13	7° $\mathbf{\mathcal{Y}}$ 54'56	0.55374 AU	transit middle		-3159 Apr 03 j 17:11	17° $\mathbf{\mathcal{H}}$ 51'50	0°02'00
inferior conj	-3160 Apr 23 j 22:11	7° $\mathbf{\mathcal{Y}}$ 19'19	-1°57'18	transit begin		-3159 Apr 03 j 13:07	17° $\mathbf{\mathcal{H}}$ 57'36	
minimum elong	-3160 Apr 23 j 17:08	7° $\mathbf{\mathcal{Y}}$ 26'31	1°55'40	transit end		-3159 Apr 03 j 21:14	17° $\mathbf{\mathcal{H}}$ 46'04	
morning rise	-3160 May 02 j 22:26	3° $\mathbf{\mathcal{Y}}$ 22'45		desc. node		-3159 Apr 03 j 14:23	17° $\mathbf{\mathcal{H}}$ 55'47	
direct	-3160 May 05 j 13:33	3° $\mathbf{\mathcal{Y}}$ 06'48		min. Earth dist.		-3159 Apr 04 j 11:16	17° $\mathbf{\mathcal{H}}$ 26'10	0.55158 AU
morning max el	-3160 May 16 j 23:53	8° $\mathbf{\mathcal{Y}}$ 27'33	20°59'46	morning rise		-3159 Apr 12 j 22:15	13° $\mathbf{\mathcal{H}}$ 43'26	
	-3160 May 31 j 18:26	0° $\mathbf{\mathcal{B}}$		direct		-3159 Apr 16 j 01:27	13° $\mathbf{\mathcal{H}}$ 22'02	
asc. node	-3160 Jun 01 j 19:38	2° $\mathbf{\mathcal{B}}$ 01'26		morning max el		-3159 Apr 28 j 23:41	19° $\mathbf{\mathcal{H}}$ 35'44	22°31'39
morning set	-3160 Jun 05 j 12:11	9° $\mathbf{\mathcal{B}}$ 25'57				-3159 May 07 j 13:33	0° $\mathbf{\mathcal{Y}}$	
superior conj	-3160 Jun 13 j 00:45	25° $\mathbf{\mathcal{B}}$ 02'34	1°34'04	asc. node		-3159 May 19 j 16:41	21° $\mathbf{\mathcal{Y}}$ 45'36	
minimum elong	-3160 Jun 12 j 22:17	24° $\mathbf{\mathcal{B}}$ 49'54	1°33'55	morning set		-3159 May 20 j 22:37	24° $\mathbf{\mathcal{Y}}$ 20'23	
	-3160 Jun 15 j 11:10	0° $\mathbf{\Pi}$				-3159 May 23 j 15:05	0° $\mathbf{\mathcal{B}}$	
max. Earth dist.	-3160 Jun 17 j 06:46	3° $\mathbf{\Pi}$ 37'48	1.35578 AU	superior conj		-3159 May 28 j 03:55	9° $\mathbf{\mathcal{B}}$ 38'45	1°18'05
evening rise	-3160 Jun 21 j 14:14	11° $\mathbf{\Pi}$ 57'34		minimum elong		-3159 May 28 j 01:17	9° $\mathbf{\mathcal{B}}$ 24'48	1°17'47
	-3160 Jul 01 j 19:34	0° $\mathbf{\mathcal{E}}$		max. Earth dist.		-3159 May 31 j 01:49	15° $\mathbf{\mathcal{B}}$ 44'52	1.34273 AU
desc. node	-3160 Jul 13 j 16:23	18° $\mathbf{\mathcal{E}}$ 02'28		evening rise		-3159 Jun 05 j 00:32	25° $\mathbf{\mathcal{B}}$ 43'33	
	-3160 Jul 23 j 03:09	0° $\mathbf{\Omega}$				-3159 Jun 07 j 05:42	0° $\mathbf{\Pi}$	
evening max el	-3160 Jul 27 j 03:08	4° $\mathbf{\Omega}$ 12'28	26°30'31			-3159 Jun 25 j 05:14	0° $\mathbf{\mathcal{E}}$	
retrograde	-3160 Aug 08 j 23:24	11° $\mathbf{\Omega}$ 27'38		desc. node		-3159 Jun 30 j 13:24	7° $\mathbf{\mathcal{E}}$ 17'37	
evening set	-3160 Aug 15 j 12:55	8° $\mathbf{\Omega}$ 42'45		evening max el		-3159 Jul 09 j 14:46	17° $\mathbf{\mathcal{E}}$ 35'46	27°11'46
min. Earth dist.	-3160 Aug 19 j 14:07	4° $\mathbf{\Omega}$ 26'49	0.66039 AU	retrograde		-3159 Jul 22 j 23:43	24° $\mathbf{\mathcal{E}}$ 57'27	
inferior conj	-3160 Aug 21 j 03:57	2° $\mathbf{\Omega}$ 31'41	-2°25'59	evening set		-3159 Jul 29 j 23:35	22° $\mathbf{\mathcal{E}}$ 10'22	
minimum elong	-3160 Aug 21 j 07:16	2° $\mathbf{\Omega}$ 21'37	2°24'45	min. Earth dist.		-3159 Aug 02 j 18:01	18° $\mathbf{\mathcal{E}}$ 31'44	0.64854 AU
	-3160 Aug 23 j 07:35	30° $\mathbf{\mathcal{R}}$ $\mathbf{\mathcal{E}}$		inferior conj		-3159 Aug 04 j 21:15	16° $\mathbf{\mathcal{E}}$ 08'27	-3°12'45
morning rise	-3160 Aug 27 j 01:55	26° $\mathbf{\mathcal{E}}$ 44'40		minimum elong		-3159 Aug 05 j 01:11	15° $\mathbf{\mathcal{E}}$ 57'25	3°11'33
asc. node	-3160 Aug 28 j 18:51	26° $\mathbf{\mathcal{E}}$ 02'22		morning rise		-3159 Aug 11 j 03:20	10° $\mathbf{\mathcal{E}}$ 36'11	
direct	-3160 Aug 30 j 02:52	25° $\mathbf{\mathcal{E}}$ 52'16		direct		-3159 Aug 13 j 22:15	9° $\mathbf{\mathcal{E}}$ 54'43	
morning max el	-3160 Sep 05 j 21:14	29° $\mathbf{\mathcal{E}}$ 38'36	18°42'25	asc. node		-3159 Aug 15 j 15:58	10° $\mathbf{\mathcal{E}}$ 10'48	
	-3160 Sep 06 j 05:31	0° $\mathbf{\Omega}$		morning max el		-3159 Aug 20 j 10:52	13° $\mathbf{\mathcal{E}}$ 25'50	18°10'29

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3159 Sep 01 j 01:32	0°♊		morning rise	-3158 Jul 25 j 21:05	24°♊19'09	
morning set	-3159 Sep 07 j 17:31	11°♊06'17		direct	-3158 Jul 28 j 12:10	23°♊45'56	
	-3159 Sep 19 j 05:22	0°♋		asc. node	-3158 Aug 02 j 13:03	25°♊48'07	
				morning max el	-3158 Aug 04 j 01:57	27°♊10'19	17°56'20
superior conj	-3159 Sep 21 j 17:39	4°♋02'03	0°30'28		-3158 Aug 06 j 13:51	0°♋	
minimum elong	-3159 Sep 21 j 21:15	4°♋16'26	0°30'03	morning set	-3158 Aug 20 j 19:40	23°♋06'27	
max. Earth dist.	-3159 Sep 25 j 11:28	9°♋59'20	1.44609 AU		-3158 Aug 24 j 18:28	0°♌	
desc. node	-3159 Sep 26 j 12:55	11°♋39'59					
evening rise	-3159 Oct 08 j 07:30	0°♌04'08		superior conj	-3158 Sep 01 j 20:12	13°♌43'14	1°09'55
	-3159 Oct 08 j 06:26	0°♌		minimum elong	-3158 Sep 02 j 01:51	14°♌06'43	1°09'23
greatest brilliancy	-3159 Oct 21 j 02:26	19°♌41'58	-0.7m	max. Earth dist.	-3158 Sep 08 j 03:24	24°♌01'36	1.43658 AU
	-3159 Oct 28 j 06:09	0°♍			-3158 Sep 11 j 21:14	0°♍	
evening max el	-3159 Nov 02 j 13:09	6°♍24'22	19°48'30	desc. node	-3158 Sep 13 j 09:53	2°♍24'34	
retrograde	-3159 Nov 10 j 00:23	10°♍45'35		evening rise	-3158 Sep 17 j 12:46	8°♍50'12	
asc. node	-3159 Nov 11 j 14:59	10°♍30'37			-3158 Oct 01 j 13:10	0°♎	
evening set	-3159 Nov 13 j 12:42	9°♍33'31		evening max el	-3158 Oct 16 j 14:21	19°♎50'58	20°52'14
inferior conj	-3159 Nov 19 j 01:27	3°♍33'45	2°21'41	retrograde	-3158 Oct 24 j 21:36	24°♎45'45	
minimum elong	-3159 Nov 18 j 22:39	3°♍42'57	2°20'40	evening set	-3158 Oct 28 j 19:58	23°♎17'31	
min. Earth dist.	-3159 Nov 20 j 01:24	2°♍14'53	0.66452 AU	asc. node	-3158 Oct 29 j 12:05	22°♎44'42	
	-3159 Nov 21 j 20:08	30°♏		inferior conj	-3158 Nov 03 j 05:29	17°♏07'37	1°34'21
morning rise	-3159 Nov 24 j 08:24	27°♏20'52		minimum elong	-3158 Nov 03 j 03:26	17°♏14'35	1°33'32
direct	-3159 Nov 30 j 07:59	24°♏43'13		min. Earth dist.	-3158 Nov 03 j 17:41	16°♏25'59	0.67099 AU
	-3159 Dec 10 j 10:41	0°♐		morning rise	-3158 Nov 08 j 10:44	10°♏52'52	
morning max el	-3159 Dec 12 j 09:16	1°♐51'31	25°29'35	direct	-3158 Nov 13 j 19:04	8°♏34'07	
desc. node	-3159 Dec 23 j 12:30	15°♐11'39		morning max el	-3158 Nov 24 j 17:59	15°♏06'01	24°06'18
	-3158 Jan 02 j 18:05	0°♑			-3158 Dec 06 j 23:06	0°♐	
morning set	-3158 Jan 17 j 15:39	24°♑56'23		desc. node	-3158 Dec 10 j 09:31	4°♐48'23	
	-3158 Jan 20 j 09:35	0°♒			-3158 Dec 26 j 16:44	0°♑	
max. Earth dist.	-3158 Jan 21 j 10:19	1°♒56'15	1.36353 AU	morning set	-3158 Dec 30 j 10:19	6°♑19'14	
				max. Earth dist.	-3157 Jan 03 j 07:02	13°♑06'10	1.38306 AU
superior conj	-3158 Jan 27 j 05:30	13°♒12'35	-1°36'32				
minimum elong	-3158 Jan 27 j 08:45	13°♒28'45	1°36'17	superior conj	-3157 Jan 10 j 10:04	26°♑16'26	-1°50'49
evening rise	-3158 Feb 04 j 07:23	29°♒35'07		minimum elong	-3157 Jan 10 j 12:24	26°♑27'32	1°50'48
	-3158 Feb 04 j 12:19	0°♓			-3157 Jan 12 j 08:39	0°♒	
asc. node	-3158 Feb 07 j 14:13	6°♓07'50		evening rise	-3157 Jan 19 j 05:47	13°♒29'23	
evening max el	-3158 Feb 21 j 23:17	28°♓05'02	19°50'30	asc. node	-3157 Jan 25 j 11:14	25°♒21'30	
	-3158 Feb 24 j 05:43	0°♈			-3157 Jan 28 j 03:29	0°♓	
retrograde	-3158 Mar 03 j 20:08	2°♈46'35		evening max el	-3157 Feb 04 j 19:59	10°♓14'52	18°56'25
evening set	-3158 Mar 06 j 02:42	2°♈32'46		retrograde	-3157 Feb 13 j 05:12	14°♓16'45	
	-3158 Mar 12 j 07:07	30°♈		evening set	-3157 Feb 15 j 14:34	13°♓58'27	
inferior conj	-3158 Mar 14 j 18:18	28°♓30'56	1°48'11	inferior conj	-3157 Feb 23 j 12:26	9°♓41'11	3°07'18
minimum elong	-3158 Mar 14 j 22:30	28°♓24'26	1°46'49	minimum elong	-3157 Feb 23 j 17:01	9°♓32'57	3°06'13
min. Earth dist.	-3158 Mar 17 j 01:25	27°♓05'54	0.55874 AU	min. Earth dist.	-3157 Feb 26 j 17:02	7°♓25'13	0.57346 AU
desc. node	-3158 Mar 21 j 11:31	24°♓44'27		morning rise	-3157 Mar 03 j 16:48	4°♓35'33	
morning rise	-3158 Mar 23 j 16:03	23°♓56'04		desc. node	-3157 Mar 08 j 08:38	3°♓28'31	
direct	-3158 Mar 27 j 19:03	23°♓18'21		direct	-3157 Mar 09 j 01:00	3°♓27'23	
	-3158 Apr 10 j 09:57	0°♉		morning max el	-3157 Mar 23 j 07:15	10°♓50'33	25°44'39
morning max el	-3158 Apr 10 j 16:06	0°♉14'34	24°11'10		-3157 Apr 06 j 22:44	0°♈	
	-3158 Apr 30 j 20:02	0°♊		morning set	-3157 Apr 19 j 22:33	24°♈22'16	
morning set	-3158 May 05 j 10:38	9°♊21'11			-3157 Apr 22 j 13:59	0°♊	
asc. node	-3158 May 06 j 13:43	11°♊44'10		asc. node	-3157 Apr 23 j 10:43	1°♊51'59	
superior conj	-3158 May 12 j 11:53	24°♊30'01	0°58'21	superior conj	-3157 Apr 26 j 22:37	9°♊29'22	0°35'55
minimum elong	-3158 May 12 j 09:37	24°♊17'45	0°57'59	minimum elong	-3157 Apr 26 j 21:06	9°♊21'03	0°35'36
max. Earth dist.	-3158 May 14 j 06:09	28°♊17'10	1.33337 AU	max. Earth dist.	-3157 Apr 27 j 16:42	11°♊07'59	1.32758 AU
	-3158 May 15 j 01:26	0°♋		evening rise	-3157 May 04 j 01:08	24°♊41'06	
evening rise	-3158 May 19 j 21:16	10°♋01'37			-3157 May 06 j 16:01	0°♋	
	-3158 May 30 j 13:58	0°♌			-3157 May 24 j 07:21	0°♌	
desc. node	-3158 Jun 17 j 10:27	25°♌45'43		desc. node	-3157 Jun 04 j 07:31	13°♌06'30	
	-3158 Jun 21 j 09:22	0°♍		evening max el	-3157 Jun 04 j 07:02	13°♌05'20	27°06'39
evening max el	-3158 Jun 22 j 00:57	0°♍37'52	27°25'18	retrograde	-3157 Jun 18 j 05:34	20°♌26'26	
retrograde	-3158 Jul 05 j 17:59	8°♍00'20		evening set	-3157 Jun 25 j 04:43	18°♌13'18	
evening set	-3158 Jul 12 j 22:13	5°♍23'10		min. Earth dist.	-3157 Jun 28 j 20:38	15°♌28'03	0.61411 AU
min. Earth dist.	-3158 Jul 16 j 12:24	2°♍16'56	0.63293 AU	inferior conj	-3157 Jul 02 j 01:14	12°♌38'00	-4°17'54
	-3158 Jul 18 j 18:55	30°♍		minimum elong	-3157 Jul 02 j 03:29	12°♌32'58	4°17'35
inferior conj	-3158 Jul 19 j 05:26	29°♌33'19	-3°51'44	morning rise	-3157 Jul 09 j 03:50	7°♌44'41	
minimum elong	-3158 Jul 19 j 09:11	29°♌23'52	3°50'53	direct	-3157 Jul 11 j 16:53	7°♌17'44	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3157 Jul 18 j 15:42	10° $\Pi$ 44'53	18°00'46	minimum elong	-3156 Jun 13 j 04:19	25° $\mathcal{B}$ 15'48	4°23'28
asc. node	-3157 Jul 20 j 10:06	12° $\Pi$ 38'44		morning rise	-3156 Jun 20 j 19:59	20° $\mathcal{B}$ 42'45	
	-3157 Jul 31 j 09:43	0° $\mathfrak{E}$		direct	-3156 Jun 23 j 08:11	20° $\mathcal{B}$ 20'41	
morning set	-3157 Aug 03 j 16:46	6° $\mathfrak{E}$ 00'58		morning max el	-3156 Jul 01 j 01:12	24° $\mathcal{B}$ 02'01	18°24'41
					-3156 Jul 05 j 23:30	0° $\Pi$	
superior conj	-3157 Aug 14 j 02:25	24° $\mathfrak{E}$ 46'38	1°35'14	asc. node	-3156 Jul 06 j 07:08	0° $\Pi$ 27'52	
minimum elong	-3157 Aug 14 j 06:31	25° $\mathfrak{E}$ 04'32	1°35'01	morning set	-3156 Jul 17 j 03:49	19° $\Pi$ 37'23	
	-3157 Aug 17 j 02:51	0° $\mathcal{Q}$			-3156 Jul 22 j 14:18	0° $\mathfrak{E}$	
max. Earth dist.	-3157 Aug 21 j 13:49	7° $\mathcal{Q}$ 30'17	1.42142 AU				
evening rise	-3157 Aug 27 j 23:15	17° $\mathcal{Q}$ 52'21		superior conj	-3156 Jul 26 j 08:46	7° $\mathfrak{E}$ 02'34	1°47'07
desc. node	-3157 Aug 31 j 06:51	23° $\mathcal{Q}$ 05'14		minimum elong	-3156 Jul 26 j 10:15	7° $\mathfrak{E}$ 09'25	1°47'10
	-3157 Sep 04 j 18:51	0° $\mathfrak{m}$		max. Earth dist.	-3156 Aug 02 j 18:18	20° $\mathfrak{E}$ 15'10	1.40280 AU
	-3157 Sep 26 j 09:26	0° $\mathfrak{L}$		evening rise	-3156 Aug 07 j 07:08	27° $\mathfrak{E}$ 55'51	
evening max el	-3157 Sep 29 j 09:21	3° $\mathfrak{L}$ 16'36	22°06'37		-3156 Aug 08 j 13:13	0° $\mathcal{Q}$	
retrograde	-3157 Oct 08 j 17:24	8° $\mathfrak{L}$ 49'41		desc. node	-3156 Aug 17 j 03:50	13° $\mathcal{Q}$ 38'21	
evening set	-3157 Oct 13 j 03:53	7° $\mathfrak{L}$ 03'19			-3156 Aug 28 j 09:02	0° $\mathfrak{m}$	
asc. node	-3157 Oct 16 j 09:10	3° $\mathfrak{L}$ 37'11		evening max el	-3156 Sep 10 j 23:21	16° $\mathfrak{m}$ 43'36	23°26'47
inferior conj	-3157 Oct 18 j 11:42	0° $\mathfrak{L}$ 46'51	0°43'10	retrograde	-3156 Sep 21 j 10:21	22° $\mathfrak{m}$ 54'43	
minimum elong	-3157 Oct 18 j 10:43	0° $\mathfrak{L}$ 50'16	0°42'45	evening set	-3156 Sep 26 j 10:41	20° $\mathfrak{m}$ 49'13	
min. Earth dist.	-3157 Oct 18 j 13:18	0° $\mathfrak{L}$ 41'20	0.67423 AU	inferior conj	-3156 Oct 01 j 18:23	14° $\mathfrak{m}$ 29'52	-0°10'11
	-3157 Oct 19 j 01:17	30° $\mathfrak{R}$ $\mathfrak{m}$		minimum elong	-3156 Oct 01 j 18:37	14° $\mathfrak{m}$ 29'04	0°10'02
morning rise	-3157 Oct 23 j 17:26	24° $\mathfrak{m}$ 32'44		transit middle	-3156 Oct 01 j 18:37	14° $\mathfrak{m}$ 29'04	0°10'02
direct	-3157 Oct 28 j 10:38	22° $\mathfrak{m}$ 35'35		transit begin	-3156 Oct 01 j 16:29	14° $\mathfrak{m}$ 36'23	
morning max el	-3157 Nov 07 j 04:46	28° $\mathfrak{m}$ 24'02	22°39'31	transit end	-3156 Oct 01 j 20:46	14° $\mathfrak{m}$ 21'45	
	-3157 Nov 08 j 17:12	0° $\mathfrak{L}$		min. Earth dist.	-3156 Oct 01 j 09:48	14° $\mathfrak{m}$ 59'18	0.67446 AU
desc. node	-3157 Nov 27 j 06:30	24° $\mathfrak{L}$ 49'50		asc. node	-3156 Oct 02 j 06:14	13° $\mathfrak{m}$ 49'20	
	-3157 Nov 30 j 17:01	0° $\mathfrak{m}$		morning rise	-3156 Oct 07 j 02:29	8° $\mathfrak{m}$ 19'19	
morning set	-3157 Dec 11 j 01:26	16° $\mathfrak{m}$ 19'54		direct	-3156 Oct 11 j 05:51	6° $\mathfrak{m}$ 43'28	
max. Earth dist.	-3157 Dec 16 j 03:31	24° $\mathfrak{m}$ 49'13	1.40384 AU	morning max el	-3156 Oct 19 j 20:43	11° $\mathfrak{m}$ 48'21	21°17'28
	-3157 Dec 19 j 03:41	0° $\mathfrak{X}$			-3156 Nov 02 j 23:02	0° $\mathfrak{L}$	
				desc. node	-3156 Nov 13 j 03:29	15° $\mathfrak{L}$ 08'54	
superior conj	-3157 Dec 23 j 21:59	8° $\mathfrak{X}$ 27'49	-1°56'24	morning set	-3156 Nov 19 j 12:54	25° $\mathfrak{L}$ 03'05	
minimum elong	-3157 Dec 23 j 21:54	8° $\mathfrak{X}$ 27'27	1°56'30		-3156 Nov 22 j 15:50	0° $\mathfrak{m}$	
evening rise	-3156 Jan 02 j 18:43	26° $\mathfrak{X}$ 51'04		max. Earth dist.	-3156 Nov 27 j 05:52	7° $\mathfrak{m}$ 25'01	1.42311 AU
	-3156 Jan 04 j 10:43	0° $\mathfrak{Z}$					
asc. node	-3156 Jan 12 j 08:16	14° $\mathfrak{Z}$ 04'50		superior conj	-3156 Dec 04 j 11:40	19° $\mathfrak{m}$ 33'13	-1°49'25
evening max el	-3156 Jan 19 j 00:49	22° $\mathfrak{Z}$ 54'50	18°22'28	minimum elong	-3156 Dec 04 j 07:47	19° $\mathfrak{m}$ 16'35	1°49'17
retrograde	-3156 Jan 26 j 08:48	26° $\mathfrak{Z}$ 32'18			-3156 Dec 10 j 11:12	0° $\mathfrak{X}$	
evening set	-3156 Jan 28 j 21:43	26° $\mathfrak{Z}$ 07'26		evening rise	-3156 Dec 15 j 18:35	9° $\mathfrak{X}$ 32'06	
inferior conj	-3156 Feb 05 j 03:13	21° $\mathfrak{Z}$ 29'56	3°49'19		-3156 Dec 27 j 16:59	0° $\mathfrak{Z}$	
minimum elong	-3156 Feb 05 j 05:33	21° $\mathfrak{Z}$ 25'05	3°49'00	asc. node	-3156 Dec 29 j 05:19	2° $\mathfrak{Z}$ 07'56	
min. Earth dist.	-3156 Feb 08 j 12:37	18° $\mathfrak{Z}$ 41'47	0.59261 AU	evening max el	-3155 Jan 01 j 10:56	5° $\mathfrak{Z}$ 56'16	18°08'23
morning rise	-3156 Feb 12 j 11:14	16° $\mathfrak{Z}$ 00'09		retrograde	-3155 Jan 08 j 04:28	9° $\mathfrak{Z}$ 23'47	
direct	-3156 Feb 18 j 20:01	14° $\mathfrak{Z}$ 12'54		evening set	-3155 Jan 10 j 20:48	8° $\mathfrak{Z}$ 51'07	
desc. node	-3156 Feb 23 j 05:43	15° $\mathfrak{Z}$ 01'57		inferior conj	-3155 Jan 17 j 12:50	3° $\mathfrak{Z}$ 52'10	4°00'34
morning max el	-3156 Mar 04 j 02:28	21° $\mathfrak{Z}$ 50'34	26°56'58	minimum elong	-3155 Jan 17 j 12:32	3° $\mathfrak{Z}$ 52'53	4°00'27
	-3156 Mar 11 j 06:38	0° $\mathfrak{A}$		min. Earth dist.	-3155 Jan 20 j 14:47	0° $\mathfrak{Z}$ 56'09	0.61293 AU
	-3156 Mar 29 j 18:07	0° $\mathfrak{X}$			-3155 Jan 21 j 16:04	30° $\mathfrak{R}$ $\mathfrak{X}$	
morning set	-3156 Apr 03 j 08:42	9° $\mathfrak{X}$ 17'40		morning rise	-3155 Jan 24 j 02:56	28° $\mathfrak{X}$ 06'14	
asc. node	-3156 Apr 09 j 07:42	22° $\mathfrak{X}$ 04'54		direct	-3155 Jan 31 j 01:39	25° $\mathfrak{X}$ 43'47	
				desc. node	-3155 Feb 09 j 02:48	29° $\mathfrak{X}$ 10'39	
superior conj	-3156 Apr 10 j 10:22	24° $\mathfrak{X}$ 30'54	0°11'39		-3155 Feb 10 j 05:22	0° $\mathfrak{Z}$	
minimum elong	-3156 Apr 10 j 09:51	24° $\mathfrak{X}$ 28'04	0°11'31	morning max el	-3155 Feb 14 j 03:42	3° $\mathfrak{Z}$ 28'00	27°37'05
behind sun begin	-3156 Apr 10 j 06:25	24° $\mathfrak{X}$ 09'14			-3155 Mar 05 j 18:35	0° $\mathfrak{A}$	
behind sun end	-3156 Apr 10 j 13:18	24° $\mathfrak{X}$ 46'53		morning set	-3155 Mar 18 j 15:06	23° $\mathfrak{A}$ 59'05	
max. Earth dist.	-3156 Apr 10 j 05:55	24° $\mathfrak{X}$ 06'30	1.32523 AU		-3155 Mar 21 j 12:13	0° $\mathfrak{X}$	
	-3156 Apr 12 j 22:33	0° $\mathfrak{Y}$		max. Earth dist.	-3155 Mar 24 j 17:59	6° $\mathfrak{X}$ 57'50	1.32638 AU
evening rise	-3156 Apr 17 j 09:39	9° $\mathfrak{Y}$ 33'46					
	-3156 Apr 28 j 00:58	0° $\mathcal{B}$		superior conj	-3155 Mar 25 j 21:27	9° $\mathfrak{X}$ 27'15	-0°13'39
evening max el	-3156 May 16 j 07:12	24° $\mathcal{B}$ 51'24	26°15'43	minimum elong	-3155 Mar 25 j 22:04	9° $\mathfrak{X}$ 30'38	0°13'33
desc. node	-3156 May 21 j 04:35	28° $\mathcal{B}$ 52'26		behind sun begin	-3155 Mar 25 j 19:26	9° $\mathfrak{X}$ 16'18	
	-3156 May 23 j 00:09	0° $\Pi$		behind sun end	-3155 Mar 26 j 00:42	9° $\mathfrak{X}$ 44'59	
retrograde	-3156 May 30 j 09:12	2° $\Pi$ 08'49		asc. node	-3155 Mar 27 j 04:42	12° $\mathfrak{X}$ 17'46	
evening set	-3156 Jun 05 j 15:03	0° $\Pi$ 31'37		evening rise	-3155 Apr 01 j 20:38	24° $\mathfrak{X}$ 30'50	
	-3156 Jun 06 j 14:25	30° $\mathfrak{R}$ $\mathcal{B}$			-3155 Apr 04 j 12:13	0° $\mathfrak{Y}$	
min. Earth dist.	-3156 Jun 09 j 20:09	27° $\mathcal{B}$ 50'35	0.59368 AU		-3155 Apr 22 j 15:41	0° $\mathcal{B}$	
inferior conj	-3156 Jun 13 j 05:07	25° $\mathcal{B}$ 14'15	-4°23'35	evening max el	-3155 Apr 28 j 01:28	5° $\mathcal{B}$ 57'30	24°58'11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3155 May 08 j 01:40	12°♄27'09		desc. node	-3154 Apr 24 j 22:46	23°♄17'31	
retrograde	-3155 May 12 j 02:08	13°♄04'39		evening set	-3154 Apr 26 j 23:02	22°♄53'54	
evening set	-3155 May 17 j 03:23	12°♄06'05		min. Earth dist.	-3154 May 04 j 03:58	19°♄36'43	0.55925 AU
min. Earth dist.	-3155 May 22 j 13:39	9°♄13'00	0.57428 AU	inferior conj	-3154 May 06 j 02:35	18°♄27'34	-2°53'04
inferior conj	-3155 May 25 j 13:48	7°♄12'14	-3°58'25	minimum elong	-3154 May 05 j 20:23	18°♄36'48	2°51'22
minimum elong	-3155 May 25 j 09:15	7°♄19'53	3°57'40	morning rise	-3154 May 14 j 20:24	14°♄29'31	
morning rise	-3155 Jun 02 j 18:05	3°♄00'43		direct	-3154 May 17 j 09:33	14°♄13'27	
direct	-3155 Jun 05 j 06:10	2°♄42'26		morning max el	-3154 May 27 j 20:03	19°♄04'13	20°13'48
morning max el	-3155 Jun 14 j 03:29	6°♄51'22	19°08'59		-3154 Jun 05 j 09:06	0°♄	
asc. node	-3155 Jun 23 j 04:10	19°♄01'35		asc. node	-3154 Jun 10 j 01:13	8°♄09'20	
	-3155 Jun 29 j 03:00	0°♄		morning set	-3154 Jun 15 j 04:57	18°♄16'46	
morning set	-3155 Jul 01 j 00:53	3°♄45'16			-3154 Jun 20 j 22:25	0°♄	
superior conj	-3155 Jul 09 j 09:27	20°♄14'29	1°48'11	superior conj	-3154 Jun 22 j 23:24	4°♄08'19	1°41'03
minimum elong	-3155 Jul 09 j 08:44	20°♄11'05	1°48'16	minimum elong	-3154 Jun 22 j 21:20	3°♄57'58	1°41'00
	-3155 Jul 14 j 13:22	0°♄		max. Earth dist.	-3154 Jun 28 j 01:25	14°♄09'29	1.36498 AU
max. Earth dist.	-3155 Jul 15 j 20:14	2°♄21'16	1.38319 AU	evening rise	-3154 Jul 02 j 01:47	21°♄42'04	
evening rise	-3155 Jul 19 j 17:01	9°♄14'51			-3154 Jul 06 j 17:21	0°♄	
	-3155 Aug 01 j 09:28	0°♄		desc. node	-3154 Jul 21 j 21:51	24°♄01'38	
desc. node	-3155 Aug 04 j 00:50	3°♄59'13			-3154 Jul 26 j 05:16	0°♄	
	-3155 Aug 24 j 05:03	0°♄		evening max el	-3154 Aug 06 j 21:44	13°♄46'45	25°56'55
evening max el	-3155 Aug 24 j 10:45	0°♄14'10	24°46'10	retrograde	-3154 Aug 19 j 07:45	20°♄52'48	
retrograde	-3155 Sep 04 j 23:22	6°♄57'27		evening set	-3154 Aug 25 j 13:48	18°♄13'37	
evening set	-3155 Sep 10 j 14:39	4°♄33'29		min. Earth dist.	-3154 Aug 29 j 19:29	13°♄35'57	0.66552 AU
	-3155 Sep 14 j 16:04	30°♄		inferior conj	-3154 Aug 31 j 02:08	11°♄59'06	-1°56'52
min. Earth dist.	-3155 Sep 15 j 04:42	29°♄18'25	0.67161 AU	minimum elong	-3154 Aug 31 j 04:52	11°♄50'28	1°55'46
inferior conj	-3155 Sep 15 j 23:48	28°♄14'53	-1°04'04	morning rise	-3154 Sep 05 j 20:05	6°♄05'11	
minimum elong	-3155 Sep 16 j 01:20	28°♄09'49	1°03'23	asc. node	-3154 Sep 06 j 00:25	5°♄58'40	
asc. node	-3155 Sep 19 j 03:19	24°♄19'45		direct	-3154 Sep 09 j 01:43	5°♄04'53	
morning rise	-3155 Sep 21 j 12:00	22°♄11'02		morning max el	-3154 Sep 16 j 02:08	9°♄03'15	19°08'27
direct	-3155 Sep 25 j 03:25	20°♄54'26			-3154 Oct 01 j 02:32	0°♄	
morning max el	-3155 Oct 02 j 19:52	25°♄21'40	20°05'59	morning set	-3154 Oct 08 j 18:38	12°♄00'47	
	-3155 Oct 06 j 20:19	0°♄		desc. node	-3154 Oct 17 j 21:26	26°♄19'36	
	-3155 Oct 27 j 08:29	0°♄			-3154 Oct 20 j 05:31	0°♄	
morning set	-3155 Oct 29 j 10:45	3°♄14'07		max. Earth dist.	-3154 Oct 23 j 08:15	4°♄54'27	1.44687 AU
desc. node	-3155 Oct 31 j 00:28	5°♄40'22		superior conj	-3154 Oct 25 j 08:05	8°♄03'29	-0°46'22
max. Earth dist.	-3155 Nov 09 j 16:07	20°♄52'27	1.43810 AU	minimum elong	-3154 Oct 25 j 02:23	7°♄40'56	0°45'41
superior conj	-3155 Nov 14 j 22:30	29°♄22'51	-1°26'13		-3154 Nov 07 j 23:49	0°♄	
minimum elong	-3155 Nov 14 j 15:25	28°♄54'00	1°25'35	evening rise	-3154 Nov 09 j 09:43	2°♄18'31	
	-3155 Nov 15 j 07:35	0°♄			-3154 Nov 27 j 05:26	0°♄	
evening rise	-3155 Nov 28 j 01:08	21°♄24'26		evening max el	-3154 Nov 29 j 11:37	2°♄34'32	18°37'08
	-3155 Dec 03 j 01:02	0°♄		asc. node	-3154 Dec 02 j 23:29	5°♄23'31	
evening max el	-3155 Dec 15 j 23:29	19°♄11'51	18°13'34	retrograde	-3154 Dec 06 j 03:39	6°♄17'55	
asc. node	-3155 Dec 16 j 02:24	19°♄19'09		evening set	-3154 Dec 09 j 04:32	5°♄26'11	
retrograde	-3155 Dec 22 j 12:10	22°♄42'00			-3154 Dec 14 j 22:00	30°♄	
evening set	-3155 Dec 25 j 08:13	22°♄00'29		inferior conj	-3154 Dec 15 j 01:52	29°♄48'32	3°23'16
inferior conj	-3155 Dec 31 j 13:39	16°♄40'59	3°49'35	minimum elong	-3154 Dec 14 j 22:53	29°♄57'23	3°22'32
minimum elong	-3155 Dec 31 j 11:31	16°♄46'43	3°49'13	min. Earth dist.	-3154 Dec 16 j 23:15	27°♄33'49	0.64727 AU
min. Earth dist.	-3154 Jan 03 j 02:02	13°♄58'37	0.63168 AU	morning rise	-3154 Dec 20 j 16:52	23°♄43'15	
morning rise	-3154 Jan 06 j 14:08	10°♄43'55		direct	-3154 Dec 27 j 11:59	20°♄51'43	
direct	-3154 Jan 13 j 15:25	7°♄59'20		morning max el	-3153 Jan 09 j 19:38	28°♄32'01	27°10'23
desc. node	-3154 Jan 26 j 23:52	15°♄19'26			-3153 Jan 11 j 05:57	0°♄	
morning max el	-3154 Jan 27 j 10:13	15°♄44'44	27°40'50	desc. node	-3153 Jan 13 j 20:56	2°♄54'09	
	-3154 Feb 08 j 04:33	0°♄			-3153 Feb 01 j 23:06	0°♄	
	-3154 Feb 26 j 09:11	0°♄		morning set	-3153 Feb 14 j 06:55	22°♄07'03	
morning set	-3154 Mar 02 j 15:30	8°♄18'51			-3153 Feb 18 j 06:05	0°♄	
max. Earth dist.	-3154 Mar 08 j 01:10	19°♄29'14	1.33129 AU	max. Earth dist.	-3153 Feb 18 j 23:36	1°♄29'17	1.34031 AU
superior conj	-3154 Mar 10 j 06:11	24°♄12'36	-0°39'03	superior conj	-3153 Feb 22 j 10:36	8°♄40'14	-1°03'30
minimum elong	-3154 Mar 10 j 07:56	24°♄22'03	0°38'45	minimum elong	-3153 Feb 22 j 13:19	8°♄54'34	1°03'06
	-3154 Mar 12 j 22:34	0°♄		asc. node	-3153 Feb 28 j 22:48	22°♄26'55	
asc. node	-3154 Mar 14 j 01:44	2°♄26'35		evening rise	-3153 Mar 01 j 18:56	24°♄12'22	
evening rise	-3154 Mar 17 j 08:20	9°♄25'56			-3153 Mar 04 j 14:44	0°♄	
	-3154 Mar 28 j 02:43	0°♄		evening max el	-3153 Mar 22 j 12:26	27°♄26'50	21°52'34
evening max el	-3154 Apr 09 j 17:10	16°♄40'16	23°25'41		-3153 Mar 25 j 12:48	0°♄	
retrograde	-3154 Apr 23 j 06:18	23°♄23'51		retrograde	-3153 Apr 03 j 23:27	3°♄29'30	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3153 Apr 06 j 15:44	3° $\Upsilon$ 13'28		asc. node	-3152 Feb 15 j 19:50	12° $\approx$ 13'52	
desc. node	-3153 Apr 11 j 19:52	1° $\Upsilon$ 23'57			-3152 Feb 25 j 16:29	0° $\mathbb{H}$	
	-3153 Apr 14 j 12:07	30° $\mathbb{H}$		evening max el	-3152 Mar 03 j 16:44	8° $\mathbb{H}$ 40'52	20°30'17
min. Earth dist.	-3153 Apr 15 j 17:36	29° $\mathbb{H}$ 18'51	0.55169 AU	retrograde	-3152 Mar 14 j 13:29	13° $\mathbb{H}$ 51'31	
inferior conj	-3153 Apr 16 j 00:44	29° $\mathbb{H}$ 08'50	-1°09'56	evening set	-3152 Mar 16 j 20:01	13° $\mathbb{H}$ 38'51	
minimum elong	-3153 Apr 15 j 21:30	29° $\mathbb{H}$ 13'22	1°08'50	inferior conj	-3152 Mar 25 j 20:38	9° $\mathbb{H}$ 40'51	0°47'21
morning rise	-3153 Apr 25 j 04:20	25° $\mathbb{H}$ 10'02		minimum elong	-3152 Mar 25 j 22:45	9° $\mathbb{H}$ 37'47	0°46'35
direct	-3153 Apr 27 j 23:10	24° $\mathbb{H}$ 52'48		min. Earth dist.	-3152 Mar 27 j 07:48	8° $\mathbb{H}$ 49'32	0.55347 AU
	-3153 May 09 j 10:05	0° $\Upsilon$		desc. node	-3152 Mar 28 j 17:00	8° $\mathbb{H}$ 02'22	
morning max el	-3153 May 10 j 01:48	0° $\Upsilon$ 35'47	21°37'22	morning rise	-3152 Apr 04 j 00:03	5° $\mathbb{H}$ 22'23	
asc. node	-3153 May 27 j 22:17	27° $\Upsilon$ 42'37		direct	-3152 Apr 07 j 11:43	4° $\mathbb{H}$ 55'54	
	-3153 May 29 j 01:33	0° $\mathbb{B}$		morning max el	-3152 Apr 20 j 22:03	11° $\mathbb{H}$ 29'58	23°13'52
morning set	-3153 May 30 j 13:40	3° $\mathbb{B}$ 05'16			-3152 May 04 j 16:11	0° $\Upsilon$	
				asc. node	-3152 May 13 j 19:18	17° $\Upsilon$ 33'44	
superior conj	-3153 Jun 06 j 22:41	18° $\mathbb{B}$ 32'35	1°27'50	morning set	-3152 May 14 j 00:59	18° $\Upsilon$ 03'23	
minimum elong	-3153 Jun 06 j 20:04	18° $\mathbb{B}$ 18'59	1°27'36		-3152 May 19 j 15:27	0° $\mathbb{B}$	
max. Earth dist.	-3153 Jun 10 j 14:48	26° $\mathbb{B}$ 05'01	1.34975 AU				
	-3153 Jun 12 j 13:48	0° $\mathbb{I}$		superior conj	-3152 May 21 j 04:11	3° $\mathbb{B}$ 16'39	1°10'08
evening rise	-3153 Jun 15 j 04:13	5° $\mathbb{I}$ 03'51		minimum elong	-3152 May 21 j 01:39	3° $\mathbb{B}$ 03'06	1°09'46
	-3153 Jun 29 j 11:28	0° $\mathbb{E}$		max. Earth dist.	-3152 May 23 j 13:48	8° $\mathbb{B}$ 22'03	1.33823 AU
desc. node	-3153 Jul 08 j 18:53	13° $\mathbb{E}$ 37'43		evening rise	-3152 May 28 j 19:23	19° $\mathbb{B}$ 05'07	
evening max el	-3153 Jul 20 j 09:05	27° $\mathbb{E}$ 15'57	26°51'00		-3152 Jun 03 j 12:34	0° $\mathbb{I}$	
	-3153 Jul 23 j 10:27	0° $\mathbb{Q}$			-3152 Jun 22 j 14:59	0° $\mathbb{E}$	
retrograde	-3153 Aug 02 j 11:11	4° $\mathbb{Q}$ 34'55		desc. node	-3152 Jun 24 j 15:56	2° $\mathbb{E}$ 35'19	
evening set	-3153 Aug 09 j 05:50	1° $\mathbb{Q}$ 47'27		evening max el	-3152 Jul 01 j 20:07	10° $\mathbb{E}$ 31'12	27°21'10
	-3153 Aug 11 j 03:53	30° $\mathbb{R}$ $\mathbb{E}$		retrograde	-3152 Jul 15 j 09:12	17° $\mathbb{E}$ 54'39	
min. Earth dist.	-3153 Aug 13 j 03:52	27° $\mathbb{E}$ 48'01	0.65583 AU	evening set	-3152 Jul 22 j 11:49	15° $\mathbb{E}$ 09'51	
inferior conj	-3153 Aug 14 j 23:23	25° $\mathbb{E}$ 40'04	-2°46'34	min. Earth dist.	-3152 Jul 26 j 03:51	11° $\mathbb{E}$ 46'05	0.64233 AU
minimum elong	-3153 Aug 15 j 03:02	25° $\mathbb{E}$ 29'19	2°45'17	inferior conj	-3152 Jul 28 j 13:07	9° $\mathbb{E}$ 12'30	-3°30'31
morning rise	-3153 Aug 21 j 00:38	19° $\mathbb{E}$ 59'14		minimum elong	-3152 Jul 28 j 17:06	9° $\mathbb{E}$ 01'48	3°29'25
direct	-3153 Aug 23 j 22:46	19° $\mathbb{E}$ 11'54		morning rise	-3152 Aug 03 j 23:08	3° $\mathbb{E}$ 47'46	
asc. node	-3153 Aug 23 j 21:31	19° $\mathbb{E}$ 11'55		direct	-3152 Aug 06 j 16:03	3° $\mathbb{E}$ 10'17	
morning max el	-3153 Aug 30 j 13:50	22° $\mathbb{E}$ 50'31	18°26'47	asc. node	-3152 Aug 09 j 18:36	3° $\mathbb{E}$ 59'39	
	-3153 Sep 05 j 06:24	0° $\mathbb{Q}$		morning max el	-3152 Aug 13 j 04:27	6° $\mathbb{E}$ 37'40	18°02'14
morning set	-3153 Sep 19 j 04:03	22° $\mathbb{Q}$ 03'44			-3152 Aug 28 j 16:37	0° $\mathbb{Q}$	
	-3153 Sep 24 j 01:35	0° $\mathbb{P}$		morning set	-3152 Aug 30 j 16:36	3° $\mathbb{Q}$ 24'36	
superior conj	-3153 Oct 04 j 07:41	16° $\mathbb{P}$ 21'07	0°02'53	superior conj	-3152 Sep 12 j 19:53	25° $\mathbb{Q}$ 19'24	0°48'48
minimum elong	-3153 Oct 04 j 08:04	16° $\mathbb{P}$ 22'38	0°02'52	minimum elong	-3152 Sep 13 j 00:56	25° $\mathbb{Q}$ 39'53	0°48'14
behind sun begin	-3153 Oct 03 j 20:55	15° $\mathbb{P}$ 38'37			-3152 Sep 15 j 17:27	0° $\mathbb{P}$	
behind sun end	-3153 Oct 04 j 19:12	17° $\mathbb{P}$ 06'36		max. Earth dist.	-3152 Sep 17 j 19:27	3° $\mathbb{P}$ 19'43	1.44280 AU
desc. node	-3153 Oct 04 j 18:26	17° $\mathbb{P}$ 03'33		desc. node	-3152 Sep 20 j 15:23	7° $\mathbb{P}$ 48'43	
max. Earth dist.	-3153 Oct 06 j 02:30	19° $\mathbb{P}$ 09'58	1.44845 AU	evening rise	-3152 Sep 29 j 04:38	21° $\mathbb{P}$ 08'58	
	-3153 Oct 12 j 23:52	0° $\mathbb{L}$			-3152 Oct 04 j 22:56	0° $\mathbb{L}$	
evening rise	-3153 Oct 20 j 17:38	12° $\mathbb{L}$ 09'52		evening max el	-3152 Oct 26 j 01:26	29° $\mathbb{L}$ 27'06	20°14'08
greatest brilliancy	-3153 Oct 30 j 17:56	27° $\mathbb{L}$ 51'43	-0.8m		-3152 Oct 26 j 14:29	0° $\mathbb{M}$	
	-3153 Nov 01 j 03:13	0° $\mathbb{M}$		retrograde	-3152 Nov 02 j 20:43	4° $\mathbb{M}$ 02'15	
evening max el	-3153 Nov 12 j 20:55	16° $\mathbb{M}$ 00'23	19°17'55	asc. node	-3152 Nov 05 j 17:38	3° $\mathbb{M}$ 14'33	
retrograde	-3153 Nov 19 j 23:27	20° $\mathbb{M}$ 05'56		evening set	-3152 Nov 06 j 12:57	2° $\mathbb{M}$ 43'48	
asc. node	-3153 Nov 19 j 20:34	20° $\mathbb{M}$ 05'51			-3152 Nov 09 j 09:22	30° $\mathbb{R}$ $\mathbb{L}$	
evening set	-3153 Nov 23 j 06:54	19° $\mathbb{M}$ 02'04		inferior conj	-3152 Nov 12 j 00:07	26° $\mathbb{L}$ 39'22	2°02'12
inferior conj	-3153 Nov 28 j 22:15	13° $\mathbb{M}$ 09'19	2°46'23	minimum elong	-3152 Nov 11 j 21:36	26° $\mathbb{L}$ 47'49	2°01'15
minimum elong	-3153 Nov 28 j 19:13	13° $\mathbb{M}$ 19'00	2°45'25	min. Earth dist.	-3152 Nov 12 j 18:59	25° $\mathbb{L}$ 36'06	0.66762 AU
min. Earth dist.	-3153 Nov 30 j 05:36	11° $\mathbb{M}$ 29'12	0.65923 AU	morning rise	-3152 Nov 17 j 06:02	20° $\mathbb{L}$ 25'08	
morning rise	-3153 Dec 04 j 07:16	6° $\mathbb{M}$ 58'19		direct	-3152 Nov 22 j 23:12	17° $\mathbb{L}$ 54'45	
direct	-3153 Dec 10 j 14:49	4° $\mathbb{M}$ 12'44		morning max el	-3152 Dec 04 j 13:59	24° $\mathbb{L}$ 49'39	24°55'10
morning max el	-3153 Dec 23 j 05:18	11° $\mathbb{M}$ 37'18	26°12'09		-3152 Dec 09 j 06:35	0° $\mathbb{M}$	
desc. node	-3153 Dec 31 j 17:59	21° $\mathbb{M}$ 29'35		desc. node	-3152 Dec 17 j 15:00	10° $\mathbb{M}$ 47'56	
	-3152 Jan 06 j 23:52	0° $\mathbb{J}$			-3152 Dec 30 j 11:23	0° $\mathbb{J}$	
	-3152 Jan 25 j 13:22	0° $\mathbb{Z}$		morning set	-3151 Jan 09 j 17:25	17° $\mathbb{J}$ 16'55	
morning set	-3152 Jan 28 j 09:20	5° $\mathbb{Z}$ 11'33		max. Earth dist.	-3151 Jan 13 j 10:17	23° $\mathbb{J}$ 59'06	1.37141 AU
max. Earth dist.	-3152 Feb 01 j 10:23	12° $\mathbb{Z}$ 54'19	1.35377 AU		-3151 Jan 16 j 15:18	0° $\mathbb{Z}$	
superior conj	-3152 Feb 06 j 08:20	22° $\mathbb{Z}$ 42'51	-1°25'36	superior conj	-3151 Jan 19 j 20:18	6° $\mathbb{Z}$ 11'49	-1°43'27
minimum elong	-3152 Feb 06 j 11:35	22° $\mathbb{Z}$ 59'29	1°25'16	minimum elong	-3151 Jan 19 j 23:19	6° $\mathbb{Z}$ 26'35	1°43'19
	-3152 Feb 09 j 21:17	0° $\approx$		evening rise	-3151 Jan 28 j 05:02	22° $\mathbb{Z}$ 53'54	
evening rise	-3152 Feb 14 j 02:33	8° $\approx$ 43'50			-3151 Jan 31 j 19:32	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3151 Feb 01 j 16:51	1° $\approx$ 41'57			-3150 Jan 25 j 17:00	0° $\approx$	
evening max el	-3151 Feb 14 j 07:52	20° $\approx$ 31'57	19°25'10	evening max el	-3150 Jan 28 j 08:25	2° $\approx$ 55'49	18°39'35
retrograde	-3151 Feb 23 j 12:33	24° $\approx$ 54'36		retrograde	-3150 Feb 05 j 05:15	6° $\approx$ 45'00	
evening set	-3151 Feb 25 j 19:56	24° $\approx$ 39'19		evening set	-3150 Feb 07 j 16:21	6° $\approx$ 23'57	
inferior conj	-3151 Mar 06 j 04:08	20° $\approx$ 32'23	2°26'15	inferior conj	-3150 Feb 15 j 06:57	1° $\approx$ 58'27	3°29'23
minimum elong	-3151 Mar 06 j 08:59	20° $\approx$ 24'26	2°24'51	minimum elong	-3150 Feb 15 j 10:45	1° $\approx$ 51'11	3°28'40
min. Earth dist.	-3151 Mar 08 j 22:46	18° $\approx$ 43'43	0.56419 AU		-3150 Feb 17 j 21:07	30° $\approx$ 8'3	
morning rise	-3151 Mar 14 j 19:18	15° $\approx$ 43'51		min. Earth dist.	-3150 Feb 18 j 15:31	29° $\approx$ 26'09	0.58130 AU
desc. node	-3151 Mar 15 j 14:05	15° $\approx$ 28'51		morning rise	-3150 Feb 23 j 02:41	26° $\approx$ 34'55	
direct	-3151 Mar 19 j 10:45	14° $\approx$ 54'35		direct	-3150 Feb 28 j 22:40	25° $\approx$ 31'72	
morning max el	-3151 Apr 02 j 13:12	22° $\approx$ 04'56	24°52'27	desc. node	-3150 Mar 02 j 11:10	25° $\approx$ 23'06	
	-3151 Apr 09 j 11:48	0° $\approx$			-3150 Mar 12 j 01:39	0° $\approx$	
	-3151 Apr 27 j 01:32	0° $\approx$		morning max el	-3150 Mar 15 j 05:17	2° $\approx$ 47'18	26°18'42
morning set	-3151 Apr 28 j 13:09	3° $\approx$ 05'17			-3150 Apr 03 j 17:33	0° $\approx$	
asc. node	-3151 Apr 30 j 16:20	7° $\approx$ 37'13		morning set	-3150 Apr 13 j 00:31	18° $\approx$ 4'32	
				asc. node	-3150 Apr 17 j 13:20	27° $\approx$ 47'44	
					-3150 Apr 18 j 13:34	0° $\approx$	
superior conj	-3151 May 05 j 13:35	18° $\approx$ 12'42	0°49'08				
minimum elong	-3151 May 05 j 11:35	18° $\approx$ 01'53	0°48'46	superior conj	-3150 Apr 20 j 00:56	3° $\approx$ 13'33	0°25'48
max. Earth dist.	-3151 May 06 j 21:02	21° $\approx$ 03'03	1.33050 AU	minimum elong	-3150 Apr 19 j 23:49	3° $\approx$ 07'25	0°25'34
	-3151 May 11 j 02:02	0° $\approx$		max. Earth dist.	-3150 Apr 20 j 09:15	3° $\approx$ 59'02	1.32623 AU
evening rise	-3151 May 12 j 19:32	3° $\approx$ 34'05		evening rise	-3150 Apr 27 j 01:40	18° $\approx$ 20'21	
	-3151 May 27 j 07:05	0° $\approx$			-3150 May 02 j 22:10	0° $\approx$	
desc. node	-3151 Jun 11 j 12:59	20° $\approx$ 37'56			-3150 May 22 j 05:37	0° $\approx$	
evening max el	-3151 Jun 14 j 04:57	23° $\approx$ 20'28	27°21'25	evening max el	-3150 May 27 j 08:57	5° $\approx$ 31'49	26°48'47
	-3151 Jun 24 j 01:03	0° $\approx$		desc. node	-3150 May 29 j 10:03	7° $\approx$ 22'33	
retrograde	-3151 Jun 28 j 00:57	0° $\approx$ 42'44		retrograde	-3150 Jun 10 j 09:05	12° $\approx$ 15'04	
	-3151 Jul 01 j 21:00	30° $\approx$ 8'11		evening set	-3150 Jun 17 j 02:27	10° $\approx$ 15'21	
evening set	-3151 Jul 05 j 04:06	28° $\approx$ 14'20		min. Earth dist.	-3150 Jun 20 j 22:28	8° $\approx$ 10'45	0.60554 AU
min. Earth dist.	-3151 Jul 08 j 18:06	25° $\approx$ 18'26	0.62525 AU	inferior conj	-3150 Jun 24 j 05:57	5° $\approx$ 24'14	-4°23'23
inferior conj	-3151 Jul 11 j 16:27	22° $\approx$ 30'02	-4°04'49	minimum elong	-3150 Jun 24 j 07:06	5° $\approx$ 21'50	4°23'15
minimum elong	-3151 Jul 11 j 19:45	22° $\approx$ 22'07	4°04'12	morning rise	-3150 Jul 01 j 13:34	0° $\approx$ 39'50	
morning rise	-3151 Jul 18 j 12:35	17° $\approx$ 24'14		direct	-3150 Jul 04 j 02:15	0° $\approx$ 14'59	
direct	-3151 Jul 21 j 02:30	16° $\approx$ 15'59		morning max el	-3150 Jul 11 j 07:29	3° $\approx$ 46'39	18°08'27
asc. node	-3151 Jul 27 j 15:39	20° $\approx$ 09'55		asc. node	-3150 Jul 14 j 12:42	7° $\approx$ 27'15	
morning max el	-3151 Jul 27 j 19:16	20° $\approx$ 18'42	17°55'47	morning set	-3150 Jul 27 j 07:08	29° $\approx$ 10'09	
	-3151 Aug 04 j 00:40	0° $\approx$			-3150 Jul 27 j 19:05	0° $\approx$	
morning set	-3151 Aug 13 j 03:29	15° $\approx$ 34'44					
	-3151 Aug 21 j 04:00	0° $\approx$		superior conj	-3150 Aug 06 j 03:21	17° $\approx$ 11'40	1°41'46
superior conj	-3151 Aug 24 j 10:11	5° $\approx$ 35'23	1°22'26	minimum elong	-3150 Aug 06 j 06:21	17° $\approx$ 25'05	1°41'42
minimum elong	-3151 Aug 24 j 15:28	5° $\approx$ 57'46	1°22'00	max. Earth dist.	-3150 Aug 13 j 17:16	0° $\approx$ 21'28	1.41384 AU
max. Earth dist.	-3151 Aug 31 j 08:57	17° $\approx$ 08'23	1.43074 AU		-3150 Aug 13 j 12:10	0° $\approx$	
desc. node	-3151 Sep 07 j 12:20	28° $\approx$ 32'11		evening rise	-3150 Aug 19 j 03:58	9° $\approx$ 20'30	
evening rise	-3151 Sep 08 j 09:35	29° $\approx$ 55'13		desc. node	-3150 Aug 25 j 09:20	19° $\approx$ 10'38	
	-3151 Sep 08 j 10:49	0° $\approx$			-3150 Sep 01 j 13:27	0° $\approx$	
	-3151 Sep 28 j 15:31	0° $\approx$		evening max el	-3150 Sep 21 j 16:49	26° $\approx$ 20'23	22°40'23
evening max el	-3151 Oct 09 j 00:02	12° $\approx$ 53'30	21°22'57		-3150 Sep 25 j 21:47	0° $\approx$	
retrograde	-3151 Oct 17 j 17:25	18° $\approx$ 04'00		retrograde	-3150 Oct 01 j 12:00	2° $\approx$ 09'19	
evening set	-3151 Oct 21 j 20:39	16° $\approx$ 28'27		evening set	-3150 Oct 06 j 04:18	0° $\approx$ 14'46	
asc. node	-3151 Oct 23 j 14:42	14° $\approx$ 50'30			-3150 Oct 06 j 11:14	30° $\approx$ 8'11	
inferior conj	-3151 Oct 27 j 05:17	10° $\approx$ 15'34	1°13'01	asc. node	-3150 Oct 10 j 11:45	25° $\approx$ 19'49	
minimum elong	-3151 Oct 27 j 03:40	10° $\approx$ 21'10	1°12'20	inferior conj	-3150 Oct 11 j 11:55	23° $\approx$ 56'53	0°20'44
min. Earth dist.	-3151 Oct 27 j 12:57	9° $\approx$ 49'11	0.67275 AU	minimum elong	-3150 Oct 11 j 11:26	23° $\approx$ 58'33	0°20'32
morning rise	-3151 Nov 01 j 10:29	4° $\approx$ 00'47		min. Earth dist.	-3150 Oct 11 j 09:10	24° $\approx$ 06'22	0.67475 AU
direct	-3151 Nov 06 j 12:26	1° $\approx$ 50'47		morning rise	-3150 Oct 16 j 18:26	17° $\approx$ 44'09	
morning max el	-3151 Nov 16 j 22:56	8° $\approx$ 04'31	23°29'14	direct	-3150 Oct 21 j 05:38	15° $\approx$ 56'11	
desc. node	-3151 Dec 04 j 11:58	0° $\approx$ 36'10		morning max el	-3150 Oct 30 j 11:31	21° $\approx$ 24'58	22°03'39
	-3151 Dec 04 j 02:00	0° $\approx$			-3150 Nov 06 j 18:06	0° $\approx$	
morning set	-3151 Dec 22 j 00:49	28° $\approx$ 05'23		desc. node	-3150 Nov 21 j 08:58	20° $\approx$ 46'14	
	-3151 Dec 23 j 03:53	0° $\approx$			-3150 Nov 27 j 09:37	0° $\approx$	
max. Earth dist.	-3151 Dec 26 j 05:37	5° $\approx$ 18'02	1.39188 AU	morning set	-3150 Dec 02 j 03:28	7° $\approx$ 30'14	
				max. Earth dist.	-3150 Dec 08 j 04:36	17° $\approx$ 24'42	1.41247 AU
superior conj	-3150 Jan 02 j 18:24	18° $\approx$ 55'04	-1°54'29				
minimum elong	-3150 Jan 02 j 19:54	19° $\approx$ 02'06	1°54'32	superior conj	-3150 Dec 15 j 21:33	0° $\approx$ 40'08	-1°55'13
	-3150 Jan 08 j 14:11	0° $\approx$		minimum elong	-3150 Dec 15 j 19:58	0° $\approx$ 33'08	1°55'16
evening rise	-3150 Jan 11 j 23:44	6° $\approx$ 34'53			-3150 Dec 15 j 12:28	0° $\approx$	
asc. node	-3150 Jan 19 j 13:53	20° $\approx$ 34'39		evening rise	-3150 Dec 26 j 07:35	19° $\approx$ 40'19	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3150 Dec 31 j 22:42	0°♄		asc. node	-3149 Dec 24 j 07:57	26°♄53'29	
asc. node	-3149 Jan 06 j 10:54	9°♄10'56		evening max el	-3149 Dec 26 j 03:13	28°♄53'17	18°08'14
evening max el	-3149 Jan 11 j 15:48	15°♄45'24	18°14'01		-3149 Dec 27 j 08:06	0°♄	
retrograde	-3149 Jan 18 j 16:17	19°♄17'03		retrograde	-3148 Jan 01 j 17:47	2°♄20'55	
evening set	-3149 Jan 21 j 06:44	18°♄48'52		evening set	-3148 Jan 04 j 11:29	1°♄44'44	
inferior conj	-3149 Jan 28 j 06:04	14°♄01'50	3°57'20		-3148 Jan 07 j 06:55	30°♄♌	
minimum elong	-3149 Jan 28 j 07:14	13°♄59'16	3°57'11	inferior conj	-3148 Jan 10 j 22:39	26°♄36'40	3°58'11
min. Earth dist.	-3149 Jan 31 j 13:15	11°♄07'42	0.60134 AU	minimum elong	-3148 Jan 10 j 21:27	26°♄39'42	3°58'00
morning rise	-3149 Feb 04 j 06:01	8°♄24'27		min. Earth dist.	-3148 Jan 13 j 19:12	23°♄44'09	0.62116 AU
direct	-3149 Feb 10 j 22:05	6°♄21'27		morning rise	-3148 Jan 17 j 06:23	20°♄45'12	
desc. node	-3149 Feb 17 j 08:15	8°♄05'54		direct	-3148 Jan 24 j 07:13	18°♄11'38	
morning max el	-3149 Feb 25 j 02:59	14°♄01'46	27°18'28	desc. node	-3148 Feb 04 j 05:20	23°♄10'17	
	-3149 Mar 09 j 22:48	0°♄		morning max el	-3148 Feb 07 j 07:00	25°♄57'36	27°43'14
	-3149 Mar 26 j 23:18	0°♄			-3148 Feb 11 j 01:54	0°♄	
morning set	-3149 Mar 28 j 09:19	2°♄54'39			-3148 Mar 02 j 09:39	0°♄	
max. Earth dist.	-3149 Apr 03 j 22:37	16°♄56'47	1.32532 AU	morning set	-3148 Mar 11 j 13:33	17°♄28'33	
asc. node	-3149 Apr 04 j 10:21	18°♄00'53		max. Earth dist.	-3148 Mar 17 j 09:12	29°♄42'00	1.32793 AU
					-3148 Mar 17 j 12:33	0°♄	
superior conj	-3149 Apr 04 j 12:35	18°♄13'11	0°00'59				
minimum elong	-3149 Apr 04 j 12:33	18°♄12'55	0°00'58	superior conj	-3148 Mar 18 j 22:55	3°♄05'54	-0°24'28
behind sun begin	-3149 Apr 04 j 07:32	17°♄45'32		minimum elong	-3148 Mar 19 j 00:02	3°♄11'56	0°24'16
behind sun end	-3149 Apr 04 j 17:33	18°♄40'19		asc. node	-3148 Mar 21 j 07:23	8°♄12'50	
	-3149 Apr 09 j 22:36	0°♄		evening rise	-3148 Mar 25 j 23:00	18°♄12'49	
evening rise	-3149 Apr 11 j 11:28	3°♄15'32			-3148 Mar 31 j 19:11	0°♄	
	-3149 Apr 25 j 22:21	0°♄		evening max el	-3148 Apr 19 j 22:45	27°♄52'35	24°19'48
evening max el	-3149 May 09 j 06:23	16°♄59'27	25°45'21		-3148 Apr 22 j 08:08	0°♄	
desc. node	-3149 May 16 j 07:09	22°♄17'30		desc. node	-3148 May 02 j 04:14	4°♄46'18	
retrograde	-3149 May 23 j 08:12	24°♄13'20		retrograde	-3148 May 03 j 20:20	4°♄52'43	
evening set	-3149 May 29 j 03:20	22°♄52'47		evening set	-3148 May 08 j 07:32	4°♄07'55	
min. Earth dist.	-3149 Jun 02 j 18:41	20°♄08'43	0.58514 AU	min. Earth dist.	-3148 May 14 j 10:28	1°♄05'55	0.56708 AU
inferior conj	-3149 Jun 06 j 01:58	17°♄45'01	-4°17'20		-3148 May 16 j 04:17	30°♄♌	
minimum elong	-3149 Jun 05 j 23:33	17°♄49'26	4°17'04	inferior conj	-3148 May 17 j 02:03	29°♄25'17	-3°35'58
morning rise	-3149 Jun 13 j 22:26	13°♄22'41		minimum elong	-3148 May 16 j 20:20	29°♄34'22	3°34'44
direct	-3149 Jun 16 j 10:44	13°♄02'14		morning rise	-3148 May 25 j 12:17	25°♄21'06	
morning max el	-3149 Jun 24 j 14:16	16°♄53'06	18°41'04	direct	-3148 May 28 j 00:23	25°♄04'09	
asc. node	-3149 Jul 01 j 09:46	25°♄36'49		morning max el	-3148 Jun 06 j 12:50	29°♄29'05	19°34'10
	-3149 Jul 04 j 00:58	0°♄			-3148 Jun 07 j 01:46	0°♄	
morning set	-3149 Jul 10 j 22:53	12°♄55'16		asc. node	-3148 Jun 17 j 06:51	14°♄26'44	
				morning set	-3148 Jun 23 j 23:18	27°♄14'33	
superior conj	-3149 Jul 19 j 18:14	29°♄53'44	1°48'43		-3148 Jun 25 j 08:15	0°♄	
minimum elong	-3149 Jul 19 j 18:42	29°♄55'55	1°48'50				
	-3149 Jul 19 j 19:34	0°♄		superior conj	-3148 Jul 02 j 01:12	13°♄26'01	1°46'01
max. Earth dist.	-3149 Jul 26 j 20:27	12°♄49'55	1.39441 AU	minimum elong	-3148 Jul 01 j 23:49	13°♄19'13	1°46'04
evening rise	-3149 Jul 30 j 22:55	19°♄55'44		max. Earth dist.	-3148 Jul 07 j 22:42	24°♄44'22	1.37512 AU
	-3149 Aug 06 j 01:33	0°♄			-3148 Jul 10 j 19:35	0°♄	
desc. node	-3149 Aug 12 j 06:20	9°♄39'25		evening rise	-3148 Jul 11 j 19:11	1°♄45'52	
	-3149 Aug 26 j 17:38	0°♄		desc. node	-3148 Jul 29 j 03:21	29°♄53'32	
evening max el	-3149 Sep 04 j 05:19	9°♄48'28	24°01'01		-3148 Jul 29 j 05:06	0°♄	
retrograde	-3149 Sep 15 j 03:25	16°♄14'16		evening max el	-3148 Aug 16 j 16:08	23°♄19'43	25°17'41
evening set	-3149 Sep 20 j 10:09	14°♄00'22			-3148 Aug 26 j 15:12	0°♄	
min. Earth dist.	-3149 Sep 25 j 05:11	8°♄25'12	0.67366 AU	retrograde	-3148 Aug 28 j 14:42	0°♄14'46	
inferior conj	-3149 Sep 25 j 18:16	7°♄40'51	-0°33'03		-3148 Aug 30 j 12:10	30°♄♌	
minimum elong	-3149 Sep 25 j 19:03	7°♄38'12	0°32'42	evening set	-3148 Sep 03 j 12:21	27°♄43'34	
asc. node	-3149 Sep 27 j 08:51	5°♄32'22		min. Earth dist.	-3148 Sep 07 j 22:41	22°♄44'06	0.66944 AU
morning rise	-3149 Oct 01 j 03:55	1°♄33'02		inferior conj	-3148 Sep 08 j 22:37	21°♄26'00	-1°26'44
direct	-3149 Oct 05 j 01:54	0°♄05'54		minimum elong	-3148 Sep 09 j 00:40	21°♄19'17	1°25'51
morning max el	-3149 Oct 13 j 06:34	4°♄53'39	20°45'33	asc. node	-3148 Sep 13 j 05:59	16°♄26'55	
	-3149 Oct 31 j 21:10	0°♄		morning rise	-3148 Sep 14 j 13:05	15°♄25'58	
desc. node	-3149 Nov 08 j 05:58	11°♄11'17		direct	-3148 Sep 17 j 23:55	14°♄16'54	
morning set	-3149 Nov 11 j 06:34	15°♄52'11		morning max el	-3148 Sep 25 j 08:57	18°♄31'07	19°39'34
	-3149 Nov 20 j 04:30	0°♄			-3148 Oct 04 j 08:09	0°♄	
max. Earth dist.	-3149 Nov 20 j 10:41	0°♄25'01	1.43016 AU	morning set	-3148 Oct 20 j 05:47	24°♄10'19	
					-3148 Oct 23 j 23:39	0°♄	
superior conj	-3149 Nov 27 j 00:07	11°♄13'29	-1°41'41	desc. node	-3148 Oct 25 j 02:56	1°♄46'29	
minimum elong	-3149 Nov 26 j 18:35	10°♄50'18	1°41'21	max. Earth dist.	-3148 Nov 01 j 23:14	14°♄07'22	1.44265 AU
	-3149 Dec 07 j 21:05	0°♄					
evening rise	-3149 Dec 09 j 00:39	2°♄01'58		superior conj	-3148 Nov 05 j 23:17	20°♄30'43	-1°11'05

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3148 Nov 05 j 16:02	20° $\Omega$ 01'40	1°10'20		-3147 Oct 16 j 18:37	0° $\Omega$	
	-3148 Nov 11 j 19:34	0° $\mathbb{M}$		evening rise	-3147 Oct 31 j 20:31	23° $\Omega$ 57'48	
evening rise	-3148 Nov 19 j 22:22	13° $\mathbb{M}$ 30'21			-3147 Nov 04 j 14:34	0° $\mathbb{M}$	
	-3148 Nov 29 j 19:35	0° $\mathbb{A}$		evening max el	-3147 Nov 22 j 03:10	25° $\mathbb{M}$ 37'43	18°52'33
evening max el	-3148 Dec 08 j 15:52	12° $\mathbb{A}$ 12'27	18°21'27	asc. node	-3147 Nov 27 j 02:06	29° $\mathbb{M}$ 09'59	
asc. node	-3148 Dec 10 j 05:01	13° $\mathbb{A}$ 38'11		retrograde	-3147 Nov 28 j 22:47	29° $\mathbb{M}$ 29'13	
retrograde	-3148 Dec 15 j 05:13	15° $\mathbb{A}$ 47'13		evening set	-3147 Dec 02 j 02:15	28° $\mathbb{M}$ 32'36	
evening set	-3148 Dec 18 j 03:02	15° $\mathbb{A}$ 01'44		inferior conj	-3147 Dec 07 j 20:49	22° $\mathbb{M}$ 48'25	3°08'40
inferior conj	-3148 Dec 24 j 04:46	9° $\mathbb{A}$ 34'25	3°39'58	minimum elong	-3147 Dec 07 j 17:44	22° $\mathbb{M}$ 57'54	3°07'49
minimum elong	-3148 Dec 24 j 02:10	9° $\mathbb{A}$ 41'45	3°39'26	min. Earth dist.	-3147 Dec 09 j 12:09	20° $\mathbb{M}$ 47'46	0.65285 AU
min. Earth dist.	-3148 Dec 26 j 10:53	7° $\mathbb{A}$ 02'11	0.63871 AU	morning rise	-3147 Dec 13 j 08:54	16° $\mathbb{M}$ 40'37	
morning rise	-3148 Dec 30 j 00:43	3° $\mathbb{A}$ 33'22		direct	-3147 Dec 19 j 23:47	13° $\mathbb{M}$ 49'57	
direct	-3147 Jan 06 j 00:16	0° $\mathbb{A}$ 43'41		morning max el	-3146 Jan 02 j 00:37	21° $\mathbb{M}$ 24'51	26°48'26
morning max el	-3147 Jan 19 j 15:05	8° $\mathbb{A}$ 28'54	27°31'44	desc. node	-3146 Jan 07 j 23:26	28° $\mathbb{M}$ 02'34	
desc. node	-3147 Jan 21 j 02:24	9° $\mathbb{A}$ 59'15			-3146 Jan 09 j 13:19	0° $\mathbb{A}$	
	-3147 Feb 05 j 09:25	0° $\mathbb{B}$			-3146 Jan 29 j 12:57	0° $\mathbb{B}$	
	-3147 Feb 22 j 14:58	0° $\approx$		morning set	-3146 Feb 06 j 20:55	15° $\mathbb{B}$ 07'36	
morning set	-3147 Feb 23 j 10:31	1° $\approx$ 36'21		max. Earth dist.	-3146 Feb 11 j 06:19	23° $\mathbb{B}$ 43'59	1.34550 AU
max. Earth dist.	-3147 Feb 28 j 12:52	12° $\approx$ 00'07	1.33452 AU		-3146 Feb 14 j 08:12	0° $\approx$	
superior conj	-3147 Mar 03 j 06:03	17° $\approx$ 44'39	-0°49'36	superior conj	-3146 Feb 15 j 07:56	2° $\approx$ 02'53	-1°13'15
minimum elong	-3147 Mar 03 j 08:15	17° $\approx$ 56'23	0°49'15	minimum elong	-3146 Feb 15 j 10:58	2° $\approx$ 18'36	1°12'52
asc. node	-3147 Mar 08 j 04:24	28° $\approx$ 18'31		evening rise	-3146 Feb 22 j 19:58	17° $\approx$ 45'37	
	-3147 Mar 08 j 23:27	0° $\mathbb{H}$		asc. node	-3146 Feb 23 j 01:24	18° $\approx$ 13'46	
evening rise	-3147 Mar 10 j 10:25	3° $\mathbb{H}$ 04'46			-3146 Mar 01 j 00:07	0° $\mathbb{H}$	
	-3147 Mar 25 j 09:53	0° $\mathbb{Y}$		evening max el	-3146 Mar 14 j 13:57	19° $\mathbb{H}$ 30'09	21°15'46
evening max el	-3147 Apr 01 j 15:11	8° $\mathbb{Y}$ 33'40	22°45'28	retrograde	-3146 Mar 26 j 09:21	25° $\mathbb{H}$ 10'22	
retrograde	-3147 Apr 14 j 19:31	15° $\mathbb{Y}$ 02'06		evening set	-3146 Mar 28 j 19:52	24° $\mathbb{H}$ 56'44	
evening set	-3147 Apr 17 j 23:53	14° $\mathbb{Y}$ 39'56		desc. node	-3146 Apr 05 j 22:27	21° $\mathbb{H}$ 37'21	
desc. node	-3147 Apr 19 j 01:21	14° $\mathbb{Y}$ 23'12		inferior conj	-3146 Apr 07 j 02:52	20° $\mathbb{H}$ 57'29	-0°19'52
min. Earth dist.	-3147 Apr 26 j 00:40	11° $\mathbb{Y}$ 08'36	0.55490 AU	minimum elong	-3146 Apr 07 j 01:56	20° $\mathbb{H}$ 58'48	0°19'34
inferior conj	-3147 Apr 27 j 07:32	10° $\mathbb{Y}$ 24'14	-2°13'04	min. Earth dist.	-3146 Apr 07 j 14:26	20° $\mathbb{H}$ 41'09	0.55134 AU
minimum elong	-3147 Apr 27 j 02:01	10° $\mathbb{Y}$ 32'10	2°11'21	morning rise	-3146 Apr 16 j 07:51	16° $\mathbb{H}$ 52'18	
morning rise	-3147 May 06 j 06:16	6° $\mathbb{Y}$ 27'41		direct	-3146 Apr 19 j 08:38	16° $\mathbb{H}$ 32'13	
direct	-3147 May 08 j 20:39	6° $\mathbb{Y}$ 11'50		morning max el	-3146 May 02 j 02:00	22° $\mathbb{H}$ 38'03	22°17'17
morning max el	-3147 May 20 j 00:52	11° $\mathbb{Y}$ 24'46	20°47'17		-3146 May 08 j 11:48	0° $\mathbb{Y}$	
	-3147 Jun 02 j 03:57	0° $\mathbb{B}$		asc. node	-3146 May 22 j 00:55	23° $\mathbb{Y}$ 27'22	
asc. node	-3147 Jun 04 j 03:54	3° $\mathbb{B}$ 46'09		morning set	-3146 May 23 j 15:35	26° $\mathbb{Y}$ 46'33	
morning set	-3147 Jun 08 j 05:35	11° $\mathbb{B}$ 53'46			-3146 May 25 j 04:32	0° $\mathbb{B}$	
superior conj	-3147 Jun 15 j 19:32	27° $\mathbb{B}$ 33'55	1°36'05	superior conj	-3146 May 30 j 21:44	12° $\mathbb{B}$ 06'54	1°20'48
minimum elong	-3147 Jun 15 j 17:10	27° $\mathbb{B}$ 21'45	1°35'57	minimum elong	-3146 May 30 j 19:05	11° $\mathbb{B}$ 52'57	1°20'29
	-3147 Jun 17 j 00:14	0° $\mathbb{I}$		max. Earth dist.	-3146 Jun 03 j 00:14	18° $\mathbb{B}$ 35'15	1.34443 AU
max. Earth dist.	-3147 Jun 20 j 06:35	6° $\mathbb{I}$ 31'19	1.35807 AU	evening rise	-3146 Jun 07 j 20:29	28° $\mathbb{B}$ 18'08	
evening rise	-3147 Jun 24 j 12:07	14° $\mathbb{I}$ 38'18			-3146 Jun 08 j 17:31	0° $\mathbb{I}$	
	-3147 Jul 03 j 04:08	0° $\mathbb{E}$			-3146 Jun 26 j 08:41	0° $\mathbb{E}$	
desc. node	-3147 Jul 16 j 00:23	19° $\mathbb{E}$ 45'58		desc. node	-3146 Jul 02 j 21:27	9° $\mathbb{E}$ 07'03	
	-3147 Jul 23 j 20:33	0° $\Omega$		evening max el	-3146 Jul 12 j 14:58	20° $\mathbb{E}$ 17'35	27°07'17
evening max el	-3147 Jul 30 j 03:20	6° $\Omega$ 52'19	26°22'28	retrograde	-3146 Jul 25 j 22:11	27° $\mathbb{E}$ 38'30	
retrograde	-3147 Aug 11 j 21:11	14° $\Omega$ 05'20		evening set	-3146 Aug 01 j 20:55	24° $\mathbb{E}$ 51'00	
evening set	-3147 Aug 18 j 08:48	11° $\Omega$ 21'49		min. Earth dist.	-3146 Aug 05 j 16:15	21° $\mathbb{E}$ 07'08	0.65054 AU
min. Earth dist.	-3147 Aug 22 j 11:10	7° $\Omega$ 00'08	0.66182 AU	inferior conj	-3146 Aug 07 j 17:26	18° $\mathbb{E}$ 47'42	-3°06'08
inferior conj	-3147 Aug 23 j 23:04	5° $\Omega$ 09'45	-2°18'30	minimum elong	-3146 Aug 07 j 21:19	18° $\mathbb{E}$ 36'40	3°04'53
minimum elong	-3147 Aug 24 j 02:14	4° $\Omega$ 59'59	2°17'16	morning rise	-3146 Aug 13 j 22:13	13° $\mathbb{E}$ 13'06	
	-3147 Aug 28 j 20:28	30° $\mathbb{R}$ $\mathbb{E}$		direct	-3146 Aug 16 j 17:56	12° $\mathbb{E}$ 30'10	
morning rise	-3147 Aug 29 j 19:56	29° $\mathbb{E}$ 20'44		asc. node	-3146 Aug 18 j 00:10	12° $\mathbb{E}$ 38'43	
asc. node	-3147 Aug 31 j 03:05	28° $\mathbb{E}$ 44'38		morning max el	-3146 Aug 23 j 06:54	16° $\mathbb{E}$ 02'51	18°14'11
direct	-3147 Sep 01 j 22:02	28° $\mathbb{E}$ 26'21			-3146 Sep 02 j 07:57	0° $\Omega$	
	-3147 Sep 06 j 03:22	0° $\Omega$		morning set	-3146 Sep 10 j 21:00	14° $\Omega$ 05'10	
morning max el	-3147 Sep 08 j 17:44	2° $\Omega$ 15'33	18°48'36		-3146 Sep 20 j 14:06	0° $\mathbb{P}$	
	-3147 Sep 27 j 19:30	0° $\mathbb{P}$		superior conj	-3146 Sep 25 j 04:26	7° $\mathbb{P}$ 22'23	0°23'28
morning set	-3147 Sep 29 j 23:36	3° $\mathbb{P}$ 27'23		minimum elong	-3146 Sep 25 j 07:19	7° $\mathbb{P}$ 33'49	0°23'08
desc. node	-3147 Oct 11 j 23:54	22° $\mathbb{P}$ 28'15		max. Earth dist.	-3146 Sep 28 j 10:54	12° $\mathbb{P}$ 33'37	1.44695 AU
max. Earth dist.	-3147 Oct 15 j 16:19	28° $\mathbb{P}$ 16'27	1.44845 AU	desc. node	-3146 Sep 28 j 20:52	13° $\mathbb{P}$ 13'00	
superior conj	-3147 Oct 16 j 02:05	28° $\mathbb{P}$ 54'53	-0°25'56		-3146 Oct 09 j 13:58	0° $\Omega$	
minimum elong	-3147 Oct 15 j 22:41	28° $\mathbb{P}$ 41'30	0°25'28	evening rise	-3146 Oct 11 j 18:30	3° $\Omega$ 24'26	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

greatest brilliancy	-3146 Oct 23 j 21:35	22°♄06'53	-0.7m	max. Earth dist.	-3145 Sep 11 j 03:13	26°♄38'33	1.43839 AU
	-3146 Oct 29 j 06:04	0°♄			-3145 Sep 13 j 05:40	0°♄	
evening max el	-3146 Nov 05 j 10:42	9°♄04'26	19°40'05	desc. node	-3145 Sep 15 j 17:52	3°♄58'04	
retrograde	-3146 Nov 12 j 19:25	13°♄21'17		evening rise	-3145 Sep 21 j 00:41	12°♄12'30	
asc. node	-3146 Nov 13 j 23:11	13°♄13'33			-3145 Oct 02 j 18:03	0°♄	
evening set	-3146 Nov 16 j 06:27	12°♄11'19		evening max el	-3145 Oct 19 j 12:44	22°♄30'56	20°41'56
inferior conj	-3146 Nov 21 j 19:48	6°♄13'12	2°28'21	retrograde	-3145 Oct 27 j 16:45	27°♄20'36	
minimum elong	-3146 Nov 21 j 16:56	6°♄22'35	2°27'21	evening set	-3145 Oct 31 j 13:27	25°♄54'57	
min. Earth dist.	-3146 Nov 22 j 21:35	4°♄48'56	0.66329 AU	asc. node	-3145 Oct 31 j 20:15	25°♄41'52	
morning rise	-3146 Nov 27 j 03:13	0°♄00'47		inferior conj	-3145 Nov 05 j 23:20	19°♄46'15	1°41'49
	-3146 Nov 27 j 03:34	30°♄		minimum elong	-3145 Nov 05 j 21:09	19°♄53'39	1°40'57
direct	-3146 Dec 03 j 04:55	27°♄20'57		min. Earth dist.	-3145 Nov 06 j 13:12	18°♄59'04	0.67023 AU
	-3146 Dec 10 j 02:54	0°♄		morning rise	-3145 Nov 11 j 04:41	13°♄31'29	
morning max el	-3146 Dec 15 j 09:47	4°♄33'39	25°41'05	direct	-3145 Nov 16 j 15:17	11°♄09'40	
desc. node	-3146 Dec 25 j 20:26	16°♄57'42		morning max el	-3145 Nov 27 j 18:30	17°♄47'56	24°19'07
	-3145 Jan 03 j 23:49	0°♄			-3145 Dec 08 j 00:03	0°♄	
morning set	-3145 Jan 20 j 16:10	27°♄48'13		desc. node	-3145 Dec 12 j 17:26	6°♄29'51	
	-3145 Jan 21 j 20:49	0°♄			-3145 Dec 28 j 01:26	0°♄	
max. Earth dist.	-3145 Jan 24 j 12:12	4°♄57'43	1.36091 AU	morning set	-3144 Jan 02 j 14:32	9°♄22'43	
				max. Earth dist.	-3144 Jan 06 j 09:33	16°♄05'20	1.37997 AU
superior conj	-3145 Jan 30 j 01:54	15°♄52'04	-1°33'50				
minimum elong	-3145 Jan 30 j 05:11	16°♄08'32	1°33'34	superior conj	-3144 Jan 13 j 08:31	29°♄02'41	-1°49'10
	-3145 Feb 06 j 00:24	0°♄		minimum elong	-3144 Jan 13 j 11:04	29°♄14'58	1°49'06
evening rise	-3145 Feb 07 j 01:39	2°♄08'36			-3144 Jan 13 j 20:26	0°♄	
asc. node	-3145 Feb 09 j 22:26	7°♄53'17		evening rise	-3144 Jan 22 j 01:11	16°♄07'14	
	-3145 Feb 23 j 23:06	0°♄		asc. node	-3144 Jan 27 j 19:27	27°♄11'01	
evening max el	-3145 Feb 24 j 22:47	0°♄59'03	20°00'11		-3144 Jan 29 j 09:09	0°♄	
retrograde	-3145 Mar 07 j 01:43	5°♄47'58		evening max el	-3144 Feb 07 j 18:04	13°♄04'11	19°03'14
evening set	-3145 Mar 09 j 08:02	5°♄34'35		retrograde	-3144 Feb 16 j 08:07	17°♄11'09	
inferior conj	-3145 Mar 18 j 02:08	1°♄34'03	1°33'07	evening set	-3144 Feb 18 j 16:51	16°♄53'45	
minimum elong	-3145 Mar 18 j 05:54	1°♄28'17	1°31'52	inferior conj	-3144 Feb 26 j 17:22	12°♄39'23	2°57'44
min. Earth dist.	-3145 Mar 20 j 04:28	0°♄17'38	0.55710 AU	minimum elong	-3144 Feb 26 j 22:08	12°♄31'02	2°56'33
	-3145 Mar 20 j 16:22	30°♄		min. Earth dist.	-3144 Feb 29 j 19:58	10°♄29'53	0.57083 AU
desc. node	-3145 Mar 23 j 19:31	28°♄18'54		morning rise	-3144 Mar 06 j 00:40	7°♄37'52	
morning rise	-3145 Mar 27 j 01:43	27°♄03'45		desc. node	-3144 Mar 09 j 16:36	6°♄40'23	
direct	-3145 Mar 31 j 00:26	26°♄29'28		direct	-3144 Mar 11 j 04:30	6°♄35'01	
	-3145 Apr 09 j 18:32	0°♄		morning max el	-3144 Mar 25 j 10:17	13°♄55'37	25°31'44
morning max el	-3145 Apr 13 j 19:14	3°♄20'17	23°56'28		-3144 Apr 07 j 02:22	0°♄	
	-3145 May 02 j 06:23	0°♄		morning set	-3144 Apr 21 j 15:30	26°♄48'52	
morning set	-3145 May 08 j 03:28	11°♄47'10			-3144 Apr 23 j 03:35	0°♄	
asc. node	-3145 May 08 j 21:56	13°♄24'25		asc. node	-3144 Apr 24 j 18:55	3°♄31'27	
superior conj	-3145 May 15 j 05:07	26°♄56'48	1°01'33	superior conj	-3144 Apr 28 j 15:33	11°♄55'43	0°39'28
minimum elong	-3145 May 15 j 02:46	26°♄44'07	1°01'11	minimum elong	-3144 Apr 28 j 13:54	11°♄46'42	0°39'09
	-3145 May 16 j 15:16	0°♄		max. Earth dist.	-3144 Apr 29 j 13:03	13°♄52'48	1.32819 AU
max. Earth dist.	-3145 May 17 j 03:18	1°♄04'13	1.33450 AU	evening rise	-3144 May 05 j 18:51	27°♄09'30	
evening rise	-3145 May 22 j 15:52	12°♄32'22			-3144 May 07 j 04:16	0°♄	
	-3145 May 31 j 22:34	0°♄			-3144 May 24 j 08:09	0°♄	
desc. node	-3145 Jun 19 j 18:30	27°♄43'42		desc. node	-3144 Jun 05 j 15:34	15°♄16'22	
	-3145 Jun 21 j 18:25	0°♄		evening max el	-3144 Jun 06 j 08:10	15°♄56'43	27°11'31
evening max el	-3145 Jun 25 j 01:22	3°♄23'25	27°25'12	retrograde	-3144 Jun 20 j 06:12	23°♄18'28	
retrograde	-3145 Jul 08 j 17:24	10°♄46'17		evening set	-3144 Jun 27 j 06:45	21°♄00'51	
evening set	-3145 Jul 15 j 21:33	8°♄06'35		min. Earth dist.	-3144 Jun 30 j 21:47	18°♄13'23	0.61707 AU
min. Earth dist.	-3145 Jul 19 j 12:01	4°♄56'13	0.63547 AU	inferior conj	-3144 Jul 04 j 00:59	15°♄23'03	-4°15'04
inferior conj	-3145 Jul 22 j 03:07	2°♄14'46	-3°46'33	minimum elong	-3144 Jul 04 j 03:34	15°♄17'10	4°14'42
minimum elong	-3145 Jul 22 j 06:58	2°♄04'54	3°45'39	morning rise	-3144 Jul 11 j 01:53	10°♄26'31	
	-3145 Jul 24 j 09:43	30°♄		direct	-3144 Jul 13 j 15:04	9°♄58'48	
morning rise	-3145 Jul 28 j 17:17	26°♄57'53		morning max el	-3144 Jul 20 j 12:06	13°♄25'04	17°58'53
direct	-3145 Jul 31 j 08:47	26°♄23'38		asc. node	-3144 Jul 21 j 18:17	14°♄44'11	
asc. node	-3145 Aug 04 j 21:14	28°♄03'35			-3144 Jul 31 j 18:39	0°♄	
morning max el	-3145 Aug 06 j 21:58	29°♄48'26	17°57'19	morning set	-3144 Aug 05 j 14:24	8°♄42'56	
	-3145 Aug 07 j 02:34	0°♄					
morning set	-3145 Aug 23 j 19:48	25°♄55'46		superior conj	-3144 Aug 16 j 05:12	27°♄43'18	1°32'18
	-3145 Aug 26 j 04:04	0°♄		minimum elong	-3144 Aug 16 j 09:40	28°♄02'37	1°32'02
					-3144 Aug 17 j 12:51	0°♄	
superior conj	-3145 Sep 05 j 03:02	16°♄51'57	1°04'50	max. Earth dist.	-3144 Aug 23 j 14:16	10°♄12'04	1.42395 AU
minimum elong	-3145 Sep 05 j 08:40	17°♄15'11	1°04'15	evening rise	-3144 Aug 30 j 09:06	21°♄08'46	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3144 Sep 01 j 14:52	24° $\Omega$ 39'44		minimum elong	-3143 Jul 29 j 10:08	9° $\Theta$ 57'29	1°46'06
	-3144 Sep 05 j 01:48	0° $\Pi$		max. Earth dist.	-3143 Aug 05 j 19:32	23° $\Theta$ 03'28	1.40571 AU
	-3144 Sep 26 j 03:55	0° $\Omega$			-3143 Aug 09 j 22:22	0° $\Omega$	
evening max el	-3144 Oct 01 j 08:39	5° $\Omega$ 56'54	21°55'05	evening rise	-3143 Aug 10 j 13:13	1° $\Omega$ 01'19	
retrograde	-3144 Oct 10 j 12:55	11° $\Omega$ 24'17		desc. node	-3143 Aug 19 j 11:53	15° $\Omega$ 14'18	
evening set	-3144 Oct 14 j 21:24	9° $\Omega$ 40'51			-3143 Aug 29 j 12:09	0° $\Pi$	
asc. node	-3144 Oct 17 j 17:19	6° $\Omega$ 45'10		evening max el	-3143 Sep 13 j 23:20	19° $\Pi$ 23'42	23°14'50
inferior conj	-3144 Oct 20 j 05:23	3° $\Omega$ 25'10	0°51'10	retrograde	-3143 Sep 24 j 06:18	25° $\Pi$ 29'12	
minimum elong	-3144 Oct 20 j 04:13	3° $\Omega$ 29'12	0°50'39	evening set	-3143 Sep 29 j 04:29	23° $\Pi$ 26'37	
min. Earth dist.	-3144 Oct 20 j 08:33	3° $\Omega$ 14'14	0.67391 AU	min. Earth dist.	-3143 Oct 04 j 05:05	17° $\Pi$ 31'48	0.67459 AU
	-3144 Oct 22 j 18:52	30° $\kappa$ $\Pi$		inferior conj	-3143 Oct 04 j 12:07	17° $\Pi$ 07'38	-0°01'59
morning rise	-3144 Oct 25 j 10:54	27° $\Pi$ 10'42		minimum elong	-3143 Oct 04 j 12:10	17° $\Pi$ 07'28	0°01'57
direct	-3144 Oct 30 j 06:20	25° $\Pi$ 10'10		transit middle	-3143 Oct 04 j 12:10	17° $\Pi$ 07'28	0°01'57
	-3144 Nov 08 j 02:03	0° $\Omega$		transit begin	-3143 Oct 04 j 09:29	17° $\Pi$ 16'42	
morning max el	-3144 Nov 09 j 04:44	1° $\Omega$ 05'29	22°52'20	transit end	-3143 Oct 04 j 14:51	16° $\Pi$ 58'15	
desc. node	-3144 Nov 28 j 14:28	26° $\Omega$ 28'30		asc. node	-3143 Oct 04 j 14:26	16° $\Pi$ 59'42	
	-3144 Nov 30 j 23:12	0° $\Pi$		morning rise	-3143 Oct 09 j 19:44	10° $\Pi$ 56'23	
morning set	-3144 Dec 13 j 10:04	19° $\Pi$ 36'44		direct	-3143 Oct 14 j 01:06	9° $\Pi$ 17'20	
max. Earth dist.	-3144 Dec 18 j 05:27	27° $\Pi$ 41'26	1.40074 AU	morning max el	-3143 Oct 22 j 19:41	14° $\Pi$ 28'15	21°29'09
	-3144 Dec 19 j 13:37	0° $\chi$			-3143 Nov 04 j 02:20	0° $\Omega$	
				desc. node	-3143 Nov 15 j 11:28	16° $\Omega$ 45'22	
superior conj	-3144 Dec 25 j 23:19	11° $\chi$ 23'26	-1°56'18	morning set	-3143 Nov 23 j 01:10	28° $\Omega$ 29'25	
minimum elong	-3144 Dec 25 j 23:42	11° $\chi$ 25'12	1°56'23		-3143 Nov 24 j 00:02	0° $\Pi$	
evening rise	-3143 Jan 04 j 15:47	29° $\chi$ 34'42		max. Earth dist.	-3143 Nov 30 j 06:47	10° $\Pi$ 09'23	1.42046 AU
	-3143 Jan 04 j 21:06	0° $\Theta$					
asc. node	-3143 Jan 13 j 16:29	15° $\Theta$ 59'48		superior conj	-3143 Dec 07 j 16:42	22° $\Pi$ 39'41	-1°51'28
evening max el	-3143 Jan 20 j 21:58	25° $\Theta$ 40'54	18°26'17	minimum elong	-3143 Dec 07 j 13:26	22° $\Pi$ 25'34	1°51'24
retrograde	-3143 Jan 28 j 08:55	29° $\Theta$ 20'48			-3143 Dec 11 j 21:15	0° $\chi$	
evening set	-3143 Jan 30 j 21:23	28° $\Theta$ 56'59		evening rise	-3143 Dec 18 j 17:53	12° $\chi$ 22'18	
inferior conj	-3143 Feb 07 j 05:10	24° $\Theta$ 22'47	3°45'07		-3143 Dec 28 j 18:48	0° $\Theta$	
minimum elong	-3143 Feb 07 j 07:54	24° $\Theta$ 17'13	3°44'41	asc. node	-3143 Dec 31 j 13:33	4° $\Theta$ 09'39	
min. Earth dist.	-3143 Feb 10 j 14:51	21° $\Theta$ 37'53	0.58962 AU	evening max el	-3142 Jan 04 j 07:32	8° $\Theta$ 39'44	18°09'14
morning rise	-3143 Feb 14 j 16:10	18° $\Theta$ 56'08		retrograde	-3142 Jan 11 j 02:28	12° $\Theta$ 07'45	
direct	-3143 Feb 20 j 22:02	17° $\Theta$ 14'38		evening set	-3142 Jan 13 j 18:22	11° $\Theta$ 36'13	
desc. node	-3143 Feb 24 j 13:40	17° $\Theta$ 48'17		inferior conj	-3142 Jan 20 j 12:11	6° $\Theta$ 40'19	4°00'26
morning max el	-3143 Mar 07 j 04:37	24° $\Theta$ 50'45	26°47'57	minimum elong	-3142 Jan 20 j 12:15	6° $\Theta$ 40'11	4°00'20
	-3143 Mar 11 j 22:39	0° $\approx$		min. Earth dist.	-3142 Jan 23 j 15:44	3° $\Theta$ 44'08	0.61000 AU
	-3143 Mar 31 j 04:55	0° $\chi$		morning rise	-3142 Jan 27 j 04:44	0° $\Theta$ 56'33	
morning set	-3143 Apr 06 j 02:01	11° $\chi$ 45'27			-3142 Jan 28 j 19:17	30° $\kappa$ $\chi$	
asc. node	-3143 Apr 11 j 15:57	23° $\chi$ 43'58		direct	-3142 Feb 03 j 02:09	28° $\chi$ 38'46	
					-3142 Feb 08 j 15:26	0° $\Theta$	
superior conj	-3143 Apr 13 j 03:18	26° $\chi$ 57'22	0°15'25	desc. node	-3142 Feb 11 j 10:45	1° $\Theta$ 35'33	
minimum elong	-3143 Apr 13 j 02:37	26° $\chi$ 53'38	0°15'16	morning max el	-3142 Feb 17 j 04:53	6° $\Theta$ 21'48	27°33'22
behind sun begin	-3143 Apr 13 j 01:22	26° $\chi$ 46'49			-3142 Mar 07 j 00:43	0° $\approx$	
behind sun end	-3143 Apr 13 j 03:51	27° $\chi$ 00'27		morning set	-3142 Mar 21 j 09:09	26° $\approx$ 29'18	
max. Earth dist.	-3143 Apr 13 j 02:05	26° $\chi$ 50'45	1.32539 AU		-3142 Mar 23 j 01:40	0° $\chi$	
	-3143 Apr 14 j 12:39	0° $\Upsilon$		max. Earth dist.	-3142 Mar 27 j 14:39	9° $\chi$ 44'10	1.32602 AU
evening rise	-3143 Apr 20 j 02:50	12° $\Upsilon$ 00'46					
	-3143 Apr 29 j 08:56	0° $\Theta$		superior conj	-3142 Mar 28 j 14:37	11° $\chi$ 54'48	-0°09'47
evening max el	-3143 May 19 j 09:24	27° $\Theta$ 49'18	26°25'12	minimum elong	-3142 Mar 28 j 15:03	11° $\chi$ 57'13	0°09'43
	-3143 May 21 j 20:06	0° $\Pi$		behind sun begin	-3142 Mar 28 j 11:02	11° $\chi$ 35'17	
desc. node	-3143 May 23 j 12:37	1° $\Pi$ 18'31		behind sun end	-3142 Mar 28 j 19:04	12° $\chi$ 19'08	
retrograde	-3143 Jun 02 j 11:07	5° $\Pi$ 07'14		asc. node	-3142 Mar 29 j 12:59	13° $\chi$ 57'00	
evening set	-3143 Jun 08 j 20:17	3° $\Pi$ 24'23		evening rise	-3142 Apr 04 j 13:37	26° $\chi$ 57'43	
min. Earth dist.	-3143 Jun 12 j 22:36	0° $\Pi$ 43'40	0.59676 AU		-3142 Apr 06 j 00:33	0° $\Upsilon$	
	-3143 Jun 13 j 21:16	30° $\kappa$ $\Theta$			-3142 Apr 23 j 09:43	0° $\Theta$	
inferior conj	-3143 Jun 16 j 07:28	28° $\Theta$ 04'02	-4°24'30	evening max el	-3142 May 01 j 04:31	9° $\Theta$ 00'56	25°10'58
minimum elong	-3143 Jun 16 j 07:13	28° $\Theta$ 04'32	4°24'25	desc. node	-3142 May 10 j 09:40	15° $\Theta$ 15'36	
morning rise	-3143 Jun 23 j 20:25	23° $\Theta$ 29'07		retrograde	-3142 May 15 j 05:39	16° $\Theta$ 09'54	
direct	-3143 Jun 26 j 08:41	23° $\Theta$ 06'24		evening set	-3142 May 20 j 11:48	15° $\Theta$ 05'55	
morning max el	-3143 Jul 03 j 22:23	26° $\Theta$ 44'57	18°19'48	min. Earth dist.	-3142 May 25 j 16:43	12° $\Theta$ 15'37	0.57699 AU
	-3143 Jul 06 j 20:24	0° $\Pi$		inferior conj	-3142 May 28 j 19:12	10° $\Theta$ 08'25	-4°04'45
asc. node	-3143 Jul 08 j 15:21	2° $\Pi$ 25'14		minimum elong	-3142 May 28 j 15:11	10° $\Theta$ 15'21	4°04'08
morning set	-3143 Jul 19 j 23:39	22° $\Pi$ 13'36		morning rise	-3142 Jun 05 j 21:25	5° $\Theta$ 54'11	
	-3143 Jul 24 j 01:49	0° $\Theta$		direct	-3142 Jun 08 j 09:37	5° $\Theta$ 35'19	
				morning max el	-3142 Jun 17 j 01:55	9° $\Theta$ 39'05	19°01'04
superior conj	-3143 Jul 29 j 08:16	9° $\Theta$ 48'55	1°46'04	asc. node	-3142 Jun 25 j 12:27	20° $\Theta$ 53'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3142 Jun	30 j 13:42	0°♂		morning set	-3141 Jun	17 j 22:43	20°♂46'28	
morning set	-3142 Jul	03 j 19:30	6°♂17'48			-3141 Jun	22 j 11:20	0°♂	
superior conj	-3142 Jul	12 j 06:37	22°♂53'49	1°48'36	superior conj	-3141 Jun	25 j 18:55	6°♂42'35	1°42'34
minimum elong	-3142 Jul	12 j 06:12	22°♂51'48	1°48'42	minimum elong	-3141 Jun	25 j 17:01	6°♂33'03	1°42'33
	-3142 Jul	16 j 00:50	0°♂		max. Earth dist.	-3141 Jul	01 j 02:13	17°♂05'22	1.36750 AU
max. Earth dist.	-3142 Jul	18 j 21:51	5°♂15'53	1.38608 AU	evening rise	-3141 Jul	05 j 01:04	24°♂27'26	
evening rise	-3142 Jul	22 j 19:22	12°♂09'28			-3141 Jul	08 j 03:23	0°♂	
	-3142 Aug	02 j 16:19	0°♂		desc. node	-3141 Jul	24 j 05:54	25°♂43'17	
desc. node	-3142 Aug	06 j 08:53	5°♂37'32			-3141 Jul	27 j 06:40	0°♂	
	-3142 Aug	24 j 16:48	0°♂		evening max el	-3141 Aug	09 j 21:52	16°♂26'03	25°47'10
evening max el	-3142 Aug	27 j 11:02	2°♂53'54	24°34'42	retrograde	-3141 Aug	22 j 05:00	23°♂29'34	
retrograde	-3142 Sep	07 j 19:54	9°♂32'40		evening set	-3141 Aug	28 j 08:59	20°♂52'08	
evening set	-3142 Sep	13 j 08:59	7°♂11'14		min. Earth dist.	-3141 Sep	01 j 15:49	16°♂08'53	0.66667 AU
min. Earth dist.	-3142 Sep	18 j 00:19	1°♂50'57	0.67225 AU	inferior conj	-3141 Sep	02 j 20:44	14°♂36'44	-1°49'03
inferior conj	-3142 Sep	18 j 17:50	0°♂52'22	-0°55'56	minimum elong	-3141 Sep	02 j 23:17	14°♂28'35	1°47'59
minimum elong	-3142 Sep	18 j 19:10	0°♂47'55	0°55'20	asc. node	-3141 Sep	08 j 08:39	8°♂49'33	
	-3142 Sep	19 j 09:34	30°♂♂		morning rise	-3141 Sep	08 j 13:45	8°♂41'15	
asc. node	-3142 Sep	21 j 11:32	27°♂23'31		direct	-3141 Sep	11 j 20:38	7°♂38'49	
morning rise	-3142 Sep	24 j 05:20	24°♂47'28		morning max el	-3141 Sep	18 j 23:05	11°♂40'56	19°16'01
direct	-3142 Sep	27 j 22:25	23°♂28'12			-3141 Oct	02 j 08:27	0°♂	
morning max el	-3142 Oct	05 j 17:45	28°♂00'16	20°15'50	morning set	-3141 Oct	12 j 04:32	15°♂18'05	
	-3142 Oct	07 j 13:53	0°♂		desc. node	-3141 Oct	20 j 05:27	27°♂53'27	
	-3142 Oct	28 j 15:29	0°♂			-3141 Oct	21 j 13:42	0°♂	
morning set	-3142 Nov	01 j 23:34	6°♂40'45		max. Earth dist.	-3141 Oct	26 j 07:31	7°♂28'09	1.44600 AU
desc. node	-3142 Nov	02 j 08:29	7°♂15'17		superior conj	-3141 Oct	28 j 20:18	11°♂28'50	-0°53'16
max. Earth dist.	-3142 Nov	12 j 16:13	23°♂30'52	1.43624 AU	minimum elong	-3141 Oct	28 j 14:00	11°♂03'50	0°52'31
	-3142 Nov	16 j 16:28	0°♂			-3141 Nov	09 j 08:10	0°♂	
superior conj	-3142 Nov	18 j 07:39	2°♂40'24	-1°30'50	evening rise	-3141 Nov	12 j 15:20	5°♂25'12	
minimum elong	-3142 Nov	18 j 00:51	2°♂12'30	1°30'18		-3141 Nov	28 j 01:28	0°♂	
evening rise	-3142 Dec	01 j 03:18	24°♂22'21		evening max el	-3141 Dec	02 j 08:09	5°♂14'44	18°32'32
	-3142 Dec	04 j 09:10	0°♂		asc. node	-3141 Dec	05 j 07:40	7°♂44'33	
asc. node	-3142 Dec	18 j 10:36	21°♂29'20		retrograde	-3141 Dec	08 j 23:19	8°♂55'46	
evening max el	-3142 Dec	18 j 19:52	21°♂53'15	18°11'33	evening set	-3141 Dec	11 j 23:19	8°♂05'44	
retrograde	-3142 Dec	25 j 08:44	25°♂22'24		inferior conj	-3141 Dec	17 j 21:43	2°♂30'36	3°28'01
evening set	-3142 Dec	28 j 04:10	24°♂42'15		minimum elong	-3141 Dec	17 j 18:48	2°♂39'08	3°27'20
inferior conj	-3141 Jan	03 j 10:59	19°♂25'32	3°52'20	min. Earth dist.	-3141 Dec	19 j 21:19	0°♂11'04	0.64511 AU
minimum elong	-3141 Jan	03 j 09:04	19°♂30'37	3°52'02		-3141 Dec	20 j 01:11	30°♂♂	
min. Earth dist.	-3141 Jan	06 j 01:30	16°♂40'08	0.62906 AU	morning rise	-3141 Dec	23 j 13:51	26°♂26'16	
morning rise	-3141 Jan	09 j 13:13	13°♂29'48		direct	-3141 Dec	30 j 10:16	23°♂34'48	
direct	-3141 Jan	16 j 14:39	10°♂47'44			-3140 Jan	11 j 12:07	0°♂	
desc. node	-3141 Jan	29 j 07:50	17°♂28'22		morning max el	-3140 Jan	12 j 20:06	1°♂17'00	27°16'57
morning max el	-3141 Jan	30 j 10:51	18°♂33'13	27°42'36	desc. node	-3140 Jan	16 j 04:54	4°♂51'53	
	-3141 Feb	09 j 04:00	0°♂			-3140 Feb	03 j 06:11	0°♂	
	-3141 Feb	27 j 19:58	0°♂		morning set	-3140 Feb	17 j 03:39	24°♂46'57	
morning set	-3141 Mar	05 j 10:39	10°♂52'53			-3140 Feb	19 j 18:47	0°♂	
max. Earth dist.	-3141 Mar	10 j 22:55	22°♂19'50	1.33032 AU	max. Earth dist.	-3140 Feb	21 j 22:54	4°♂25'24	1.33864 AU
superior conj	-3141 Mar	12 j 23:49	26°♂42'03	-0°35'13	superior conj	-3140 Feb	25 j 05:01	11°♂13'02	-0°59'53
minimum elong	-3141 Mar	13 j 01:24	26°♂50'39	0°34'57	minimum elong	-3140 Feb	25 j 07:37	11°♂26'45	0°59'31
	-3141 Mar	14 j 12:27	0°♂		asc. node	-3140 Mar	02 j 07:00	24°♂08'24	
asc. node	-3141 Mar	16 j 10:00	4°♂06'31		evening rise	-3140 Mar	03 j 12:13	26°♂41'51	
evening rise	-3141 Mar	20 j 01:20	11°♂53'31			-3140 Mar	05 j 02:28	0°♂	
	-3141 Mar	29 j 08:47	0°♂			-3140 Mar	24 j 02:13	0°♂	
evening max el	-3141 Apr	12 j 20:09	19°♂45'17	23°39'46	evening max el	-3140 Mar	24 j 14:28	0°♂29'50	22°06'01
retrograde	-3141 Apr	26 j 11:50	26°♂33'45		retrograde	-3140 Apr	06 j 06:34	6°♂39'53	
desc. node	-3141 Apr	27 j 06:46	26°♂32'21		evening set	-3140 Apr	09 j 01:26	6°♂22'40	
evening set	-3141 Apr	30 j 09:16	26°♂00'22		desc. node	-3140 Apr	13 j 03:52	5°♂01'25	
min. Earth dist.	-3141 May	07 j 07:11	22°♂47'34	0.56105 AU	inferior conj	-3140 Apr	18 j 10:33	2°♂15'27	-1°27'17
inferior conj	-3141 May	09 j 10:47	21°♂29'54	-3°05'43	minimum elong	-3140 Apr	18 j 06:36	2°♂21'01	1°25'58
minimum elong	-3141 May	09 j 04:34	21°♂39'20	3°04'06	min. Earth dist.	-3140 Apr	17 j 21:00	2°♂34'33	0.55222 AU
morning rise	-3141 May	18 j 02:43	17°♂30'49			-3140 Apr	22 j 16:11	30°♂♂	
direct	-3141 May	20 j 15:33	17°♂14'35		morning rise	-3140 Apr	27 j 13:09	28°♂17'52	
morning max el	-3141 May	30 j 20:06	21°♂58'04	20°02'57	direct	-3140 Apr	30 j 06:25	28°♂01'15	
	-3141 Jun	06 j 11:14	0°♂			-3140 May	07 j 07:59	0°♂	
asc. node	-3141 Jun	12 j 09:30	9°♂56'34		morning max el	-3140 May	12 j 03:32	3°♂36'21	21°23'52

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3140 May 29 j 06:32	29° $\Upsilon$ 26'23	direct	-3139 Apr 10 j 18:30	8° $\text{X}$ 07'45	
	-3140 May 29 j 13:18	0° $\text{X}$	morning max el	-3139 Apr 24 j 00:57	14° $\text{X}$ 35'04	22°58'54
morning set	-3140 Jun 01 j 06:51	5° $\text{X}$ 32'47		-3139 May 05 j 21:45	0° $\Upsilon$	
			asc. node	-3139 May 16 j 03:32	19° $\Upsilon$ 14'48	
superior conj	-3140 Jun 08 j 17:02	21° $\text{X}$ 03'04	1°30'10	morning set	-3139 May 16 j 17:51	20° $\Upsilon$ 29'25
minimum elong	-3140 Jun 08 j 14:27	20° $\text{X}$ 49'44	1°29'58		-3139 May 21 j 05:19	0° $\text{X}$
max. Earth dist.	-3140 Jun 12 j 13:56	28° $\text{X}$ 57'26	1.35179 AU			
	-3140 Jun 13 j 02:27	0° $\Pi$		superior conj	-3139 May 23 j 21:45	5° $\text{X}$ 44'22
evening rise	-3140 Jun 17 j 01:11	7° $\Pi$ 42'06		minimum elong	-3139 May 23 j 19:10	5° $\text{X}$ 30'37
	-3140 Jun 29 j 18:21	0° $\text{X}$		max. Earth dist.	-3139 May 26 j 11:30	11° $\text{X}$ 10'27
desc. node	-3140 Jul 10 j 02:54	15° $\text{X}$ 23'50		evening rise	-3139 May 31 j 14:44	21° $\text{X}$ 38'08
	-3140 Jul 22 j 10:47	0° $\Omega$			-3139 Jun 04 j 23:21	0° $\Pi$
evening max el	-3140 Jul 22 j 09:05	29° $\text{X}$ 55'54	26°44'15		-3139 Jun 23 j 14:05	0° $\text{X}$
retrograde	-3140 Aug 04 j 09:17	7° $\Omega$ 13'53		desc. node	-3139 Jun 26 j 23:57	4° $\text{X}$ 27'55
evening set	-3140 Aug 11 j 02:14	4° $\Omega$ 27'04		evening max el	-3139 Jul 04 j 20:23	13° $\text{X}$ 14'14
min. Earth dist.	-3140 Aug 15 j 01:19	0° $\Omega$ 21'54	0.65753 AU	retrograde	-3139 Jul 18 j 08:11	20° $\text{X}$ 37'16
	-3140 Aug 15 j 08:45	30° $\text{X}$		evening set	-3139 Jul 25 j 09:56	17° $\text{X}$ 51'25
inferior conj	-3140 Aug 16 j 18:51	28° $\text{X}$ 18'14	-2°39'23	min. Earth dist.	-3139 Jul 29 j 02:45	14° $\text{X}$ 22'30
minimum elong	-3140 Aug 16 j 22:23	28° $\text{X}$ 07'41	2°38'06	inferior conj	-3139 Jul 31 j 09:53	11° $\text{X}$ 52'22
morning rise	-3140 Aug 22 j 18:57	22° $\text{X}$ 35'13		minimum elong	-3139 Jul 31 j 13:52	11° $\text{X}$ 41'29
asc. node	-3140 Aug 25 j 05:45	21° $\text{X}$ 47'42		morning rise	-3139 Aug 06 j 18:30	6° $\text{X}$ 24'52
direct	-3140 Aug 25 j 17:58	21° $\text{X}$ 46'15		direct	-3139 Aug 09 j 12:02	5° $\text{X}$ 46'04
morning max el	-3140 Sep 01 j 10:05	25° $\text{X}$ 27'23	18°31'51	asc. node	-3139 Aug 12 j 02:49	6° $\text{X}$ 21'37
	-3140 Sep 05 j 05:47	0° $\Omega$		morning max el	-3139 Aug 16 j 00:25	9° $\text{X}$ 14'44
morning set	-3140 Sep 21 j 09:42	25° $\Omega$ 08'19			-3139 Aug 30 j 01:02	0° $\Omega$
	-3140 Sep 24 j 09:59	0° $\text{X}$		morning set	-3139 Sep 02 j 18:32	6° $\Omega$ 18'45
desc. node	-3140 Oct 06 j 02:24	18° $\text{X}$ 36'36				
				superior conj	-3139 Sep 16 j 05:05	28° $\Omega$ 34'47
superior conj	-3140 Oct 06 j 19:54	19° $\text{X}$ 45'37	-0°04'41	minimum elong	-3139 Sep 16 j 09:43	28° $\Omega$ 53'29
minimum elong	-3140 Oct 06 j 19:18	19° $\text{X}$ 43'12	0°04'35		-3139 Sep 17 j 02:15	0° $\text{X}$
behind sun begin	-3140 Oct 06 j 08:20	18° $\text{X}$ 59'58		max. Earth dist.	-3139 Sep 20 j 18:45	5° $\text{X}$ 53'40
behind sun end	-3140 Oct 07 j 06:15	20° $\text{X}$ 26'25		desc. node	-3139 Sep 22 j 23:23	9° $\text{X}$ 21'57
max. Earth dist.	-3140 Oct 08 j 01:17	21° $\text{X}$ 41'22	1.44868 AU	evening rise	-3139 Oct 02 j 16:21	24° $\text{X}$ 30'39
	-3140 Oct 13 j 08:04	0° $\Omega$			-3139 Oct 06 j 05:48	0° $\Omega$
evening rise	-3140 Oct 23 j 02:49	15° $\Omega$ 25'08		greatest brilliancy	-3139 Oct 16 j 10:02	15° $\Omega$ 26'11
	-3140 Nov 01 j 08:38	0° $\text{X}$			-3139 Oct 27 j 01:18	0° $\text{X}$
greatest brilliancy	-3140 Nov 01 j 06:54	29° $\Omega$ 53'16	-0.8m	evening max el	-3139 Oct 28 j 23:21	2° $\text{X}$ 06'58
evening max el	-3140 Nov 14 j 17:58	18° $\text{X}$ 40'00	19°10'54	retrograde	-3139 Nov 05 j 15:42	6° $\text{X}$ 37'03
asc. node	-3140 Nov 21 j 04:44	22° $\text{X}$ 39'54		asc. node	-3139 Nov 08 j 01:48	6° $\text{X}$ 03'06
retrograde	-3140 Nov 21 j 18:34	22° $\text{X}$ 41'47		evening set	-3139 Nov 09 j 06:30	5° $\text{X}$ 20'54
evening set	-3140 Nov 25 j 00:54	21° $\text{X}$ 39'55			-3139 Nov 14 j 05:35	30° $\text{X}$
inferior conj	-3140 Nov 30 j 17:01	15° $\text{X}$ 49'22	2°52'31	inferior conj	-3139 Nov 14 j 18:12	29° $\Omega$ 18'05
minimum elong	-3140 Nov 30 j 13:57	15° $\text{X}$ 59'04	2°51'34	minimum elong	-3139 Nov 14 j 15:35	29° $\Omega$ 26'51
min. Earth dist.	-3140 Dec 02 j 02:25	14° $\text{X}$ 03'41	0.65764 AU	min. Earth dist.	-3139 Nov 15 j 14:51	28° $\Omega$ 09'19
morning rise	-3140 Dec 06 j 02:43	9° $\text{X}$ 39'03		morning rise	-3139 Nov 20 j 00:25	23° $\Omega$ 04'18
direct	-3140 Dec 12 j 12:15	6° $\text{X}$ 51'43		direct	-3139 Nov 25 j 19:54	20° $\Omega$ 31'08
morning max el	-3140 Dec 25 j 05:44	14° $\text{X}$ 19'45	26°22'16	morning max el	-3139 Dec 07 j 14:25	27° $\Omega$ 30'58
desc. node	-3139 Jan 02 j 01:55	23° $\text{X}$ 19'10			-3139 Dec 09 j 22:49	0° $\text{X}$
	-3139 Jan 07 j 02:11	0° $\text{X}$		desc. node	-3139 Dec 19 j 22:56	12° $\text{X}$ 31'42
	-3139 Jan 25 j 23:35	0° $\text{X}$			-3139 Dec 31 j 18:46	0° $\text{X}$
morning set	-3139 Jan 30 j 08:14	7° $\text{X}$ 58'33		morning set	-3138 Jan 12 j 19:22	20° $\text{X}$ 12'59
max. Earth dist.	-3139 Feb 03 j 11:18	15° $\text{X}$ 54'20	1.35142 AU	max. Earth dist.	-3138 Jan 16 j 12:25	26° $\text{X}$ 59'16
					-3138 Jan 18 j 02:58	0° $\text{X}$
superior conj	-3139 Feb 08 j 03:52	25° $\text{X}$ 19'39	-1°22'28	superior conj	-3138 Jan 22 j 17:28	8° $\text{X}$ 53'43
minimum elong	-3139 Feb 08 j 07:05	25° $\text{X}$ 36'10	1°22'07	minimum elong	-3138 Jan 22 j 20:36	9° $\text{X}$ 09'05
	-3139 Feb 10 j 10:14	0° $\approx$		evening rise	-3138 Jan 30 j 23:41	25° $\text{X}$ 28'36
evening rise	-3139 Feb 15 j 20:21	11° $\approx$ 15'34			-3138 Feb 02 j 06:11	0° $\approx$
asc. node	-3139 Feb 17 j 04:00	13° $\approx$ 57'26			-3138 Feb 04 j 01:01	3° $\approx$ 28'16
	-3139 Feb 25 j 18:50	0° $\text{X}$		asc. node	-3138 Feb 04 j 01:01	3° $\approx$ 28'16
evening max el	-3139 Mar 06 j 17:16	11° $\text{X}$ 38'56	20°41'39	evening max el	-3138 Feb 17 j 06:47	23° $\approx$ 23'46
retrograde	-3139 Mar 17 j 20:08	16° $\text{X}$ 57'14		retrograde	-3138 Feb 26 j 16:55	27° $\approx$ 52'39
evening set	-3139 Mar 20 j 03:14	16° $\text{X}$ 44'34		evening set	-3138 Feb 28 j 23:58	27° $\approx$ 37'56
inferior conj	-3139 Mar 29 j 05:52	12° $\text{X}$ 46'54	0°29'59	inferior conj	-3138 Mar 09 j 10:49	23° $\approx$ 33'04
minimum elong	-3139 Mar 29 j 07:13	12° $\text{X}$ 44'56	0°29'29	minimum elong	-3138 Mar 09 j 15:31	23° $\approx$ 25'30
min. Earth dist.	-3139 Mar 30 j 11:12	12° $\text{X}$ 04'34	0.55262 AU	min. Earth dist.	-3138 Mar 12 j 01:47	21° $\approx$ 52'27
desc. node	-3139 Mar 31 j 00:57	11° $\text{X}$ 44'55		desc. node	-3138 Mar 17 j 22:01	18° $\approx$ 54'48
morning rise	-3139 Apr 07 j 10:04	8° $\text{X}$ 32'12		morning rise	-3138 Mar 18 j 04:28	18° $\approx$ 49'22

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3138 Mar 22 j 15:34	18° $\approx$ 04'23		direct	-3137 Mar 04 j 01:18	28° $\approx$ 21'42	
morning max el	-3138 Apr 05 j 16:17	25° $\approx$ 10'06	24°38'12	desc. node	-3137 Mar 04 j 19:06	28° $\approx$ 23'03	
	-3138 Apr 10 j 03:48	0° $\approx$			-3137 Mar 10 j 11:49	0° $\approx$	
	-3138 Apr 28 j 13:52	0° $\approx$		morning max el	-3137 Mar 18 j 07:56	5° $\approx$ 49'23	26°07'25
morning set	-3138 May 01 j 06:00	5° $\approx$ 30'46			-3137 Apr 05 j 01:18	0° $\approx$	
asc. node	-3138 May 03 j 00:32	9° $\approx$ 16'18		morning set	-3137 Apr 15 j 17:38	20° $\approx$ 30'59	
				asc. node	-3137 Apr 19 j 21:34	29° $\approx$ 26'05	
superior conj	-3138 May 08 j 06:40	20° $\approx$ 38'35	0°52'29		-3137 Apr 20 j 03:48	0° $\approx$	
minimum elong	-3138 May 08 j 04:34	20° $\approx$ 27'12	0°52'08	superior conj	-3137 Apr 22 j 17:52	5° $\approx$ 39'13	0°29'28
max. Earth dist.	-3138 May 09 j 17:49	23° $\approx$ 48'28	1.33145 AU	minimum elong	-3137 Apr 22 j 16:36	5° $\approx$ 32'16	0°29'12
	-3138 May 12 j 15:33	0° $\approx$		max. Earth dist.	-3137 Apr 23 j 05:37	6° $\approx$ 43'25	1.32660 AU
evening rise	-3138 May 15 j 13:44	6° $\approx$ 03'20		evening rise	-3137 Apr 29 j 19:10	20° $\approx$ 47'35	
	-3138 May 28 j 13:30	0° $\approx$			-3137 May 04 j 09:12	0° $\approx$	
desc. node	-3138 Jun 13 j 21:01	22° $\approx$ 39'57			-3137 May 22 j 22:49	0° $\approx$	
evening max el	-3138 Jun 17 j 05:47	26° $\approx$ 08'15	27°23'27	evening max el	-3137 May 30 j 10:38	8° $\approx$ 25'55	26°55'43
	-3138 Jun 21 j 20:28	0° $\approx$		desc. node	-3137 May 31 j 18:04	9° $\approx$ 38'20	
retrograde	-3138 Jul 01 j 00:46	3° $\approx$ 30'24		retrograde	-3137 Jun 13 j 10:10	15° $\approx$ 45'30	
evening set	-3138 Jul 08 j 04:31	0° $\approx$ 58'45		evening set	-3137 Jun 20 j 05:53	13° $\approx$ 41'32	
	-3138 Jul 09 j 11:40	30° $\approx$ 00'00		min. Earth dist.	-3137 Jun 24 j 00:10	10° $\approx$ 59'11	0.60860 AU
min. Earth dist.	-3138 Jul 11 j 18:29	27° $\approx$ 59'24	0.62800 AU	inferior conj	-3137 Jun 27 j 06:50	8° $\approx$ 11'01	-4°21'58
inferior conj	-3138 Jul 14 j 14:59	25° $\approx$ 12'29	-4°00'29	minimum elong	-3137 Jun 27 j 08:25	8° $\approx$ 07'38	4°21'47
minimum elong	-3138 Jul 14 j 18:28	25° $\approx$ 03'57	3°59'49	morning rise	-3137 Jul 04 j 12:41	3° $\approx$ 23'28	
morning rise	-3138 Jul 21 j 09:31	20° $\approx$ 03'37		direct	-3137 Jul 07 j 01:30	2° $\approx$ 57'52	
direct	-3138 Jul 23 j 23:49	19° $\approx$ 32'21		morning max el	-3137 Jul 14 j 04:14	6° $\approx$ 27'37	18°05'19
asc. node	-3138 Jul 29 j 23:53	22° $\approx$ 20'13		asc. node	-3137 Jul 16 j 20:58	9° $\approx$ 28'41	
morning max el	-3138 Jul 30 j 15:21	22° $\approx$ 56'45	17°55'35		-3137 Jul 29 j 05:43	0° $\approx$	
	-3138 Aug 05 j 04:11	0° $\approx$		morning set	-3137 Jul 30 j 04:00	1° $\approx$ 43'23	
morning set	-3138 Aug 16 j 02:30	18° $\approx$ 35'24					
	-3138 Aug 22 j 14:06	0° $\approx$		superior conj	-3137 Aug 09 j 04:43	20° $\approx$ 03'30	1°39'42
superior conj	-3138 Aug 27 j 15:14	8° $\approx$ 38'12	1°18'16	minimum elong	-3137 Aug 09 j 08:06	20° $\approx$ 18'34	1°39'35
minimum elong	-3138 Aug 27 j 20:42	9° $\approx$ 01'15	1°17'48		-3137 Aug 14 j 22:07	0° $\approx$	
max. Earth dist.	-3138 Sep 03 j 09:12	19° $\approx$ 04'25	1.43291 AU	max. Earth dist.	-3137 Aug 16 j 18:25	3° $\approx$ 06'50	1.41659 AU
desc. node	-3138 Sep 09 j 20:23	0° $\approx$ 05'53		evening rise	-3137 Aug 22 j 12:23	12° $\approx$ 32'15	
	-3138 Sep 09 j 18:53	0° $\approx$		desc. node	-3137 Aug 27 j 17:24	20° $\approx$ 45'16	
evening rise	-3138 Sep 11 j 21:00	3° $\approx$ 15'44			-3137 Sep 02 j 19:22	0° $\approx$	
	-3138 Sep 29 j 18:05	0° $\approx$		evening max el	-3137 Sep 24 j 16:28	28° $\approx$ 59'55	22°28'27
evening max el	-3138 Oct 11 j 22:54	15° $\approx$ 33'31	21°11'59		-3137 Sep 25 j 16:57	0° $\approx$	
retrograde	-3138 Oct 20 j 12:36	20° $\approx$ 38'17		retrograde	-3137 Oct 04 j 07:41	4° $\approx$ 43'17	
evening set	-3138 Oct 24 j 14:07	19° $\approx$ 05'18		evening set	-3137 Oct 08 j 21:56	2° $\approx$ 51'33	
asc. node	-3138 Oct 25 j 22:54	17° $\approx$ 52'12			-3137 Oct 11 j 15:44	30° $\approx$ 00'00	
inferior conj	-3138 Oct 29 j 23:01	12° $\approx$ 53'27	1°20'43	asc. node	-3137 Oct 12 j 20:01	28° $\approx$ 28'49	
minimum elong	-3138 Oct 29 j 21:15	12° $\approx$ 59'33	1°19'59	inferior conj	-3137 Oct 14 j 05:36	26° $\approx$ 34'02	0°28'47
min. Earth dist.	-3138 Oct 30 j 08:16	12° $\approx$ 21'46	0.67223 AU	minimum elong	-3137 Oct 14 j 04:55	26° $\approx$ 36'20	0°28'30
morning rise	-3138 Nov 04 j 04:12	6° $\approx$ 38'41		min. Earth dist.	-3137 Oct 14 j 04:20	26° $\approx$ 38'25	0.67466 AU
direct	-3138 Nov 09 j 08:24	4° $\approx$ 25'34		morning rise	-3137 Oct 19 j 11:48	20° $\approx$ 20'50	
morning max el	-3138 Nov 19 j 23:12	10° $\approx$ 45'31	23°42'12	direct	-3137 Oct 24 j 01:04	18° $\approx$ 29'43	
	-3138 Dec 05 j 06:00	0° $\approx$		morning max el	-3137 Nov 02 j 11:10	24° $\approx$ 05'15	22°16'03
desc. node	-3138 Dec 06 j 19:57	2° $\approx$ 16'01			-3137 Nov 07 j 15:48	0° $\approx$	
	-3138 Dec 24 j 13:27	0° $\approx$		desc. node	-3137 Nov 23 j 16:59	22° $\approx$ 23'14	
morning set	-3138 Dec 25 j 06:49	1° $\approx$ 13'30			-3137 Nov 28 j 17:04	0° $\approx$	
max. Earth dist.	-3138 Dec 29 j 08:07	8° $\approx$ 14'19	1.38881 AU	morning set	-3137 Dec 05 j 13:50	10° $\approx$ 50'45	
				max. Earth dist.	-3137 Dec 11 j 06:19	20° $\approx$ 13'12	1.40951 AU
superior conj	-3137 Jan 05 j 17:57	21° $\approx$ 44'16	-1°53'25		-3137 Dec 16 j 22:51	0° $\approx$	
minimum elong	-3137 Jan 05 j 19:47	21° $\approx$ 52'53	1°53'26	superior conj	-3137 Dec 19 j 00:19	3° $\approx$ 38'52	-1°55'57
	-3137 Jan 10 j 01:50	0° $\approx$		minimum elong	-3137 Dec 18 j 23:18	3° $\approx$ 34'19	1°56'01
evening rise	-3137 Jan 14 j 19:45	9° $\approx$ 34'10		evening rise	-3137 Dec 29 j 05:30	22° $\approx$ 25'36	
asc. node	-3137 Jan 21 j 22:03	22° $\approx$ 34'11			-3136 Jan 02 j 07:25	0° $\approx$	
	-3137 Jan 26 j 12:46	0° $\approx$		asc. node	-3136 Jan 08 j 19:07	11° $\approx$ 07'25	
evening max el	-3137 Jan 31 j 06:01	5° $\approx$ 42'30	18°45'03	evening max el	-3136 Jan 14 j 12:35	18° $\approx$ 28'47	18°16'32
retrograde	-3137 Feb 08 j 06:56	9° $\approx$ 35'49		retrograde	-3136 Jan 21 j 15:29	22° $\approx$ 02'16	
evening set	-3137 Feb 10 j 17:26	9° $\approx$ 15'44		evening set	-3136 Jan 24 j 05:23	21° $\approx$ 35'17	
inferior conj	-3137 Feb 18 j 10:31	4° $\approx$ 53'08	3°22'17	inferior conj	-3136 Jan 31 j 06:49	16° $\approx$ 51'32	3°55'03
minimum elong	-3137 Feb 18 j 14:38	4° $\approx$ 45'26	3°21'26	minimum elong	-3136 Jan 31 j 08:23	16° $\approx$ 48'08	3°54'50
min. Earth dist.	-3137 Feb 21 j 18:02	2° $\approx$ 26'09	0.57845 AU	min. Earth dist.	-3136 Feb 03 j 14:58	13° $\approx$ 58'57	0.59826 AU
	-3137 Feb 25 j 16:51	30° $\approx$ 00'00		morning rise	-3136 Feb 07 j 09:30	11° $\approx$ 16'34	
morning rise	-3137 Feb 26 j 09:18	29° $\approx$ 40'20					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3136 Feb 13 j 23:11	9° $\text{Z}$ 19'00		morning rise	-3135 Jan 19 j 06:58	23° $\text{Z}$ 32'55	
desc. node	-3136 Feb 19 j 16:12	10° $\text{Z}$ 41'30		direct	-3135 Jan 26 j 07:16	21° $\text{Z}$ 02'52	
morning max el	-3136 Feb 28 j 04:49	16° $\text{Z}$ 58'39	27°11'46	desc. node	-3135 Feb 05 j 13:17	25° $\text{Z}$ 27'07	
	-3136 Mar 09 j 23:31	0° $\approx$		morning max el	-3135 Feb 09 j 07:57	28° $\text{Z}$ 48'32	27°41'50
	-3136 Mar 27 j 11:39	0° $\text{X}$			-3135 Feb 10 j 12:15	0° $\text{Z}$	
morning set	-3136 Mar 30 j 02:57	5° $\text{X}$ 22'56			-3135 Mar 03 j 18:23	0° $\approx$	
asc. node	-3136 Apr 05 j 18:34	19° $\text{X}$ 39'00		morning set	-3135 Mar 14 j 07:59	19° $\approx$ 59'36	
					-3135 Mar 19 j 02:30	0° $\text{X}$	
superior conj	-3136 Apr 06 j 05:36	20° $\text{X}$ 39'20	0°04'50	max. Earth dist.	-3135 Mar 20 j 06:08	2° $\text{X}$ 28'45	1.32730 AU
minimum elong	-3136 Apr 06 j 05:23	20° $\text{X}$ 38'09	0°04'46				
behind sun begin	-3136 Apr 06 j 00:35	20° $\text{X}$ 11'52		superior conj	-3135 Mar 21 j 16:13	5° $\text{X}$ 33'27	-0°20'35
behind sun end	-3136 Apr 06 j 10:10	21° $\text{X}$ 04'26		minimum elong	-3135 Mar 21 j 17:09	5° $\text{X}$ 38'32	0°20'26
max. Earth dist.	-3136 Apr 05 j 19:01	19° $\text{X}$ 41'29	1.32517 AU	asc. node	-3135 Mar 23 j 15:35	9° $\text{X}$ 51'15	
	-3136 Apr 10 j 12:25	0° $\text{Y}$		evening rise	-3135 Mar 28 j 15:55	20° $\text{X}$ 38'56	
evening rise	-3136 Apr 13 j 04:32	5° $\text{Y}$ 41'44			-3135 Apr 02 j 05:55	0° $\text{Y}$	
	-3136 Apr 26 j 02:45	0° $\text{Z}$			-3135 Apr 22 j 02:59	0° $\text{Z}$	
evening max el	-3136 May 11 j 08:58	19° $\text{Z}$ 59'35	25°56'32	evening max el	-3135 Apr 23 j 01:50	0° $\text{Z}$ 56'17	24°33'28
desc. node	-3136 May 17 j 15:08	24° $\text{Z}$ 52'07		desc. node	-3135 May 04 j 12:11	7° $\text{Z}$ 44'36	
retrograde	-3136 May 25 j 10:56	27° $\text{Z}$ 15'02		retrograde	-3135 May 07 j 00:50	7° $\text{Z}$ 59'22	
evening set	-3136 May 31 j 10:08	25° $\text{Z}$ 48'32		evening set	-3135 May 11 j 16:57	7° $\text{Z}$ 10'01	
min. Earth dist.	-3136 Jun 04 j 21:27	23° $\text{Z}$ 05'58	0.58809 AU	min. Earth dist.	-3135 May 17 j 13:47	4° $\text{Z}$ 11'19	0.56947 AU
inferior conj	-3136 Jun 08 j 05:41	20° $\text{Z}$ 37'18	-4°20'23	inferior conj	-3135 May 20 j 08:42	2° $\text{Z}$ 23'19	-3°44'55
minimum elong	-3136 Jun 08 j 03:51	20° $\text{Z}$ 40'43	4°20'11	minimum elong	-3135 May 20 j 03:21	2° $\text{Z}$ 32'02	3°43'52
morning rise	-3136 Jun 16 j 00:11	16° $\text{Z}$ 11'55			-3135 May 24 j 07:28	30° $\text{R}$ $\text{Y}$	
direct	-3136 Jun 18 j 12:25	15° $\text{Z}$ 50'57		morning rise	-3135 May 28 j 16:51	28° $\text{Y}$ 16'46	
morning max el	-3136 Jun 26 j 12:04	19° $\text{Z}$ 38'05	18°34'53	direct	-3135 May 31 j 04:54	27° $\text{Y}$ 59'24	
asc. node	-3136 Jul 02 j 18:02	27° $\text{Z}$ 31'14			-3135 Jun 06 j 13:25	0° $\text{Z}$	
	-3136 Jul 04 j 07:16	0° $\text{II}$		morning max el	-3135 Jun 09 j 11:56	2° $\text{Z}$ 18'33	19°24'57
morning set	-3136 Jul 12 j 18:12	15° $\text{II}$ 29'32		asc. node	-3135 Jun 19 j 15:05	16° $\text{Z}$ 15'16	
	-3136 Jul 20 j 07:20	0° $\text{III}$		morning set	-3135 Jun 26 j 17:29	29° $\text{Z}$ 44'39	
					-3135 Jun 26 j 20:33	0° $\text{II}$	
superior conj	-3136 Jul 21 j 16:45	2° $\text{III}$ 36'52	1°48'22				
minimum elong	-3136 Jul 21 j 17:34	2° $\text{III}$ 40'41	1°48'26	superior conj	-3135 Jul 04 j 21:35	16° $\text{II}$ 02'03	1°46'57
max. Earth dist.	-3136 Jul 28 j 21:59	15° $\text{III}$ 40'55	1.39738 AU	minimum elong	-3135 Jul 04 j 20:26	15° $\text{II}$ 56'24	1°47'00
evening rise	-3136 Aug 02 j 03:25	22° $\text{III}$ 56'12		max. Earth dist.	-3135 Jul 10 j 23:49	27° $\text{II}$ 38'02	1.37790 AU
	-3136 Aug 06 j 10:08	0° $\text{II}$			-3135 Jul 12 j 06:47	0° $\text{III}$	
desc. node	-3136 Aug 13 j 14:24	11° $\text{II}$ 15'40		evening rise	-3135 Jul 14 j 20:08	4° $\text{III}$ 35'30	
	-3136 Aug 26 j 17:25	0° $\text{III}$			-3135 Jul 30 j 10:33	0° $\text{II}$	
evening max el	-3136 Sep 06 j 05:24	12° $\text{III}$ 27'24	23°49'04	desc. node	-3135 Jul 31 j 11:23	1° $\text{II}$ 32'10	
retrograde	-3136 Sep 16 j 23:43	18° $\text{III}$ 48'24		evening max el	-3135 Aug 19 j 16:22	25° $\text{II}$ 58'24	25°06'53
evening set	-3136 Sep 22 j 04:11	16° $\text{III}$ 37'24			-3135 Aug 24 j 08:34	0° $\text{III}$	
min. Earth dist.	-3136 Sep 27 j 00:37	10° $\text{III}$ 56'59	0.67400 AU	retrograde	-3135 Aug 31 j 11:38	2° $\text{III}$ 49'40	
inferior conj	-3136 Sep 27 j 12:07	10° $\text{III}$ 17'47	-0°24'53	evening set	-3135 Sep 06 j 07:01	0° $\text{III}$ 20'58	
minimum elong	-3136 Sep 27 j 12:42	10° $\text{III}$ 15'46	0°24'36		-3135 Sep 06 j 16:22	30° $\text{R}$ $\text{II}$	
asc. node	-3136 Sep 28 j 17:07	8° $\text{III}$ 40'02		min. Earth dist.	-3135 Sep 10 j 18:39	25° $\text{II}$ 15'56	0.67027 AU
morning rise	-3136 Oct 02 j 21:11	4° $\text{III}$ 08'56		inferior conj	-3135 Sep 11 j 16:52	24° $\text{II}$ 02'55	-1°18'42
direct	-3136 Oct 06 j 20:59	2° $\text{III}$ 38'51		minimum elong	-3135 Sep 11 j 18:44	23° $\text{II}$ 56'46	1°17'52
morning max el	-3136 Oct 15 j 05:09	7° $\text{III}$ 32'34	20°56'27	asc. node	-3135 Sep 15 j 14:14	19° $\text{II}$ 24'56	
	-3136 Nov 01 j 02:47	0° $\text{IV}$		morning rise	-3135 Sep 17 j 06:30	18° $\text{II}$ 01'24	
desc. node	-3136 Nov 09 j 14:01	12° $\text{IV}$ 46'26		direct	-3135 Sep 20 j 18:53	16° $\text{II}$ 49'47	
morning set	-3136 Nov 13 j 19:32	19° $\text{IV}$ 19'20		morning max el	-3135 Sep 28 j 06:23	21° $\text{II}$ 08'25	19°48'27
	-3136 Nov 20 j 13:16	0° $\text{V}$			-3135 Oct 05 j 10:01	0° $\text{III}$	
max. Earth dist.	-3136 Nov 22 j 11:01	3° $\text{V}$ 05'00	1.42776 AU	morning set	-3135 Oct 23 j 17:40	27° $\text{III}$ 33'03	
					-3135 Oct 25 j 07:32	0° $\text{IV}$	
superior conj	-3136 Nov 29 j 06:54	14° $\text{V}$ 23'56	-1°44'48	desc. node	-3135 Oct 27 j 10:59	3° $\text{IV}$ 20'15	
minimum elong	-3136 Nov 29 j 01:55	14° $\text{V}$ 02'55	1°44'34	max. Earth dist.	-3135 Nov 04 j 22:38	16° $\text{IV}$ 41'43	1.44119 AU
	-3136 Dec 08 j 06:52	0° $\text{VI}$					
evening rise	-3136 Dec 11 j 01:06	4° $\text{VI}$ 54'39		superior conj	-3135 Nov 09 j 10:01	23° $\text{IV}$ 51'56	-1°16'50
asc. node	-3136 Dec 25 j 16:11	28° $\text{VI}$ 57'56		minimum elong	-3135 Nov 09 j 02:43	23° $\text{IV}$ 22'28	1°16'06
	-3136 Dec 26 j 12:38	0° $\text{VII}$			-3135 Nov 13 j 04:32	0° $\text{V}$	
evening max el	-3136 Dec 27 j 23:39	1° $\text{VII}$ 35'00	18°07'53	evening rise	-3135 Nov 23 j 01:56	16° $\text{V}$ 31'09	
retrograde	-3135 Jan 03 j 15:06	5° $\text{VII}$ 02'23			-3135 Dec 01 j 01:27	0° $\text{VI}$	
evening set	-3135 Jan 06 j 08:17	4° $\text{VII}$ 27'29					
	-3135 Jan 12 j 05:57	30° $\text{R}$ $\text{VI}$		evening max el	-3135 Dec 11 j 12:18	14° $\text{VI}$ 52'52	18°18'20
inferior conj	-3135 Jan 12 j 21:05	29° $\text{VI}$ 22'38	3°59'23	asc. node	-3135 Dec 12 j 13:15	15° $\text{VI}$ 52'16	
minimum elong	-3135 Jan 12 j 20:12	29° $\text{VI}$ 24'51	3°59'14	retrograde	-3135 Dec 18 j 01:14	18° $\text{VI}$ 25'45	
min. Earth dist.	-3135 Jan 15 j 19:39	26° $\text{VI}$ 28'22	0.61833 AU	evening set	-3135 Dec 20 j 22:25	17° $\text{VI}$ 41'40	
				inferior conj	-3135 Dec 27 j 01:24	12° $\text{VI}$ 17'07	3°43'37

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3135 Dec 26 j 22:57	12° $\text{♁}$ 23'56	3°43'10	min. Earth dist.	-3134 Dec 12 j 09:33	23° $\text{♁}$ 23'05	0.65101 AU
min. Earth dist.	-3135 Dec 29 j 09:45	9° $\text{♁}$ 41'02	0.63633 AU	morning rise	-3134 Dec 16 j 05:11	19° $\text{♁}$ 21'49	
morning rise	-3134 Jan 01 j 22:51	6° $\text{♁}$ 17'26		direct	-3134 Dec 22 j 21:41	16° $\text{♁}$ 30'38	
direct	-3134 Jan 08 j 23:12	3° $\text{♁}$ 29'09		morning max el	-3133 Jan 05 j 00:57	24° $\text{♁}$ 07'28	26°56'37
morning max el	-3134 Jan 22 j 15:27	11° $\text{♁}$ 14'36	27°35'34	desc. node	-3133 Jan 10 j 07:25	29° $\text{♁}$ 55'40	
desc. node	-3134 Jan 23 j 10:21	12° $\text{♁}$ 02'13			-3133 Jan 10 j 08:52	0° $\text{♁}$	
	-3134 Feb 06 j 13:14	0° $\text{♁}$			-3133 Jan 30 j 21:51	0° $\text{♁}$	
	-3134 Feb 24 j 02:54	0° $\text{♁}$		morning set	-3133 Feb 09 j 18:24	17° $\text{♁}$ 48'51	
morning set	-3134 Feb 26 j 06:12	4° $\text{♁}$ 11'40		max. Earth dist.	-3133 Feb 14 j 06:16	26° $\text{♁}$ 40'51	1.34360 AU
max. Earth dist.	-3134 Mar 03 j 11:03	14° $\text{♁}$ 51'28	1.33331 AU		-3133 Feb 15 j 21:23	0° $\text{♁}$	
superior conj	-3134 Mar 05 j 23:56	20° $\text{♁}$ 14'34	-0°45'51	superior conj	-3133 Feb 18 j 02:44	4° $\text{♁}$ 36'07	-1°09'50
minimum elong	-3134 Mar 06 j 01:59	20° $\text{♁}$ 25'32	0°45'32	minimum elong	-3133 Feb 18 j 05:40	4° $\text{♁}$ 51'24	1°09'26
asc. node	-3134 Mar 10 j 12:35	29° $\text{♁}$ 58'03		asc. node	-3133 Feb 25 j 09:35	19° $\text{♁}$ 55'09	
	-3134 Mar 10 j 12:57	0° $\text{♁}$		evening rise	-3133 Feb 25 j 13:23	20° $\text{♁}$ 14'53	
evening rise	-3134 Mar 13 j 03:27	5° $\text{♁}$ 32'01			-3133 Mar 02 j 09:44	0° $\text{♁}$	
	-3134 Mar 26 j 09:37	0° $\text{♁}$		evening max el	-3133 Mar 17 j 15:19	22° $\text{♁}$ 29'56	21°28'21
evening max el	-3134 Apr 04 j 17:53	11° $\text{♁}$ 37'20	22°59'26	retrograde	-3133 Mar 29 j 16:18	28° $\text{♁}$ 18'04	
retrograde	-3134 Apr 18 j 01:38	18° $\text{♁}$ 11'17		evening set	-3133 Apr 01 j 04:35	28° $\text{♁}$ 03'45	
evening set	-3134 Apr 21 j 10:02	17° $\text{♁}$ 46'46		desc. node	-3133 Apr 08 j 06:22	25° $\text{♁}$ 17'59	
desc. node	-3134 Apr 21 j 09:16	17° $\text{♁}$ 47'14		inferior conj	-3133 Apr 10 j 12:34	24° $\text{♁}$ 03'00	-0°37'50
min. Earth dist.	-3134 Apr 29 j 03:59	14° $\text{♁}$ 20'40	0.55624 AU	minimum elong	-3133 Apr 10 j 10:47	24° $\text{♁}$ 05'30	0°37'13
inferior conj	-3134 Apr 30 j 16:33	13° $\text{♁}$ 27'36	-2°28'05	min. Earth dist.	-3133 Apr 10 j 17:36	23° $\text{♁}$ 55'55	0.55127 AU
minimum elong	-3134 Apr 30 j 10:41	13° $\text{♁}$ 36'08	2°26'20	morning rise	-3133 Apr 19 j 17:18	20° $\text{♁}$ 00'31	
morning rise	-3134 May 09 j 13:37	9° $\text{♁}$ 30'47		direct	-3133 Apr 22 j 15:48	19° $\text{♁}$ 41'35	
direct	-3134 May 12 j 03:29	9° $\text{♁}$ 14'54		morning max el	-3133 May 05 j 04:10	25° $\text{♁}$ 39'22	22°03'08
morning max el	-3134 May 23 j 01:31	14° $\text{♁}$ 20'02	20°35'15		-3133 May 09 j 05:09	0° $\text{♁}$	
	-3134 Jun 03 j 12:12	0° $\text{♁}$		asc. node	-3133 May 24 j 09:06	25° $\text{♁}$ 08'59	
asc. node	-3134 Jun 06 j 12:06	5° $\text{♁}$ 30'35		morning set	-3133 May 26 j 08:35	29° $\text{♁}$ 12'36	
morning set	-3134 Jun 10 j 23:01	14° $\text{♁}$ 21'18			-3133 May 26 j 17:42	0° $\text{♁}$	
superior conj	-3134 Jun 18 j 14:27	0° $\text{♁}$ 05'13	1°37'58	superior conj	-3133 Jun 02 j 15:38	14° $\text{♁}$ 35'07	1°23'23
minimum elong	-3134 Jun 18 j 12:10	29° $\text{♁}$ 53'38	1°37'53	minimum elong	-3133 Jun 02 j 13:00	14° $\text{♁}$ 21'13	1°23'07
	-3134 Jun 18 j 13:25	0° $\text{♁}$		max. Earth dist.	-3133 Jun 05 j 22:52	21° $\text{♁}$ 26'03	1.34619 AU
max. Earth dist.	-3134 Jun 23 j 06:42	9° $\text{♁}$ 25'12	1.36039 AU		-3133 Jun 10 j 05:43	0° $\text{♁}$	
evening rise	-3134 Jun 27 j 10:18	17° $\text{♁}$ 19'32		evening rise	-3133 Jun 10 j 16:38	0° $\text{♁}$ 53'03	
	-3134 Jul 04 j 13:17	0° $\text{♁}$			-3133 Jun 27 j 13:23	0° $\text{♁}$	
desc. node	-3134 Jul 18 j 08:23	21° $\text{♁}$ 28'22		desc. node	-3133 Jul 05 j 05:24	10° $\text{♁}$ 54'53	
	-3134 Jul 24 j 17:10	0° $\text{♁}$		evening max el	-3133 Jul 15 j 15:04	22° $\text{♁}$ 58'20	27°02'09
evening max el	-3134 Aug 02 j 03:32	9° $\text{♁}$ 31'37	26°13'56		-3133 Jul 26 j 10:00	0° $\text{♁}$	
retrograde	-3134 Aug 14 j 18:45	16° $\text{♁}$ 42'15		retrograde	-3133 Jul 28 j 20:30	0° $\text{♁}$ 18'35	
evening set	-3134 Aug 21 j 04:26	14° $\text{♁}$ 00'11			-3133 Jul 31 j 04:40	30° $\text{♁}$	
min. Earth dist.	-3134 Aug 25 j 08:00	9° $\text{♁}$ 32'51	0.66320 AU	evening set	-3133 Aug 04 j 17:58	27° $\text{♁}$ 30'52	
inferior conj	-3134 Aug 26 j 18:00	7° $\text{♁}$ 47'13	-2°10'51	min. Earth dist.	-3133 Aug 08 j 14:13	23° $\text{♁}$ 41'40	0.65247 AU
minimum elong	-3134 Aug 26 j 21:02	7° $\text{♁}$ 37'50	2°09'40	inferior conj	-3133 Aug 10 j 13:24	21° $\text{♁}$ 26'10	-2°59'18
morning rise	-3134 Sep 01 j 13:49	1° $\text{♁}$ 56'23		minimum elong	-3133 Aug 10 j 17:13	21° $\text{♁}$ 15'11	2°58'03
asc. node	-3134 Sep 02 j 11:19	1° $\text{♁}$ 28'47		morning rise	-3133 Aug 16 j 16:55	15° $\text{♁}$ 49'20	
direct	-3134 Sep 04 j 17:08	0° $\text{♁}$ 59'56		direct	-3133 Aug 19 j 13:27	15° $\text{♁}$ 04'55	
morning max el	-3134 Sep 11 j 14:19	4° $\text{♁}$ 52'08	18°55'12	asc. node	-3133 Aug 20 j 08:23	15° $\text{♁}$ 08'18	
	-3134 Sep 29 j 02:56	0° $\text{♁}$		morning max el	-3133 Aug 26 j 03:00	18° $\text{♁}$ 39'24	18°18'16
morning set	-3134 Oct 03 j 07:49	6° $\text{♁}$ 39'16			-3133 Sep 03 j 13:19	0° $\text{♁}$	
desc. node	-3134 Oct 14 j 07:57	24° $\text{♁}$ 01'19		morning set	-3133 Sep 14 j 01:04	17° $\text{♁}$ 05'07	
	-3134 Oct 18 j 03:04	0° $\text{♁}$			-3133 Sep 21 j 22:53	0° $\text{♁}$	
max. Earth dist.	-3134 Oct 18 j 15:35	0° $\text{♁}$ 49'17	1.44810 AU	superior conj	-3133 Sep 28 j 15:44	10° $\text{♁}$ 43'42	0°16'17
superior conj	-3134 Oct 19 j 14:50	2° $\text{♁}$ 20'57	-0°33'21	minimum elong	-3133 Sep 28 j 17:47	10° $\text{♁}$ 51'50	0°16'02
minimum elong	-3134 Oct 19 j 10:32	2° $\text{♁}$ 03'59	0°32'48	behind sun begin	-3133 Sep 28 j 15:51	10° $\text{♁}$ 44'10	
evening rise	-3134 Nov 04 j 03:46	27° $\text{♁}$ 08'01		behind sun end	-3133 Sep 28 j 19:43	10° $\text{♁}$ 59'31	
	-3134 Nov 05 j 22:17	0° $\text{♁}$		desc. node	-3133 Oct 01 j 04:55	14° $\text{♁}$ 45'52	
evening max el	-3134 Nov 24 j 23:56	28° $\text{♁}$ 17'15	18°46'48	max. Earth dist.	-3133 Oct 01 j 10:13	15° $\text{♁}$ 06'46	1.44765 AU
	-3134 Nov 26 j 20:29	0° $\text{♁}$			-3133 Oct 10 j 21:53	0° $\text{♁}$	
asc. node	-3134 Nov 29 j 10:19	1° $\text{♁}$ 35'53		evening rise	-3133 Oct 15 j 05:07	6° $\text{♁}$ 43'13	
retrograde	-3134 Dec 01 j 18:06	2° $\text{♁}$ 05'36		greatest brilliancy	-3133 Oct 26 j 15:08	24° $\text{♁}$ 25'29	-0.7m
evening set	-3134 Dec 04 j 20:39	1° $\text{♁}$ 10'41			-3133 Oct 30 j 08:17	0° $\text{♁}$	
	-3134 Dec 06 j 11:48	30° $\text{♁}$		evening max el	-3133 Nov 08 j 08:06	11° $\text{♁}$ 43'47	19°32'00
inferior conj	-3134 Dec 10 j 16:09	25° $\text{♁}$ 28'43	3°14'04	retrograde	-3133 Nov 15 j 14:30	15° $\text{♁}$ 56'33	
minimum elong	-3134 Dec 10 j 13:05	25° $\text{♁}$ 38'01	3°13'14	asc. node	-3133 Nov 16 j 07:24	15° $\text{♁}$ 53'42	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3133 Nov 19 j 00:16	14° $\mathbb{M}$ 48'43		evening max el	-3132 Oct 21 j 11:01	25° $\mathbb{Q}$ 10'22	20°31'57
inferior conj	-3133 Nov 24 j 14:16	8° $\mathbb{M}$ 52'21	2°34'57	retrograde	-3132 Oct 29 j 11:56	29° $\mathbb{Q}$ 54'58	
minimum elong	-3133 Nov 24 j 11:20	9° $\mathbb{M}$ 01'53	2°33'56	evening set	-3132 Nov 02 j 07:00	28° $\mathbb{Q}$ 31'55	
min. Earth dist.	-3133 Nov 25 j 17:57	7° $\mathbb{M}$ 22'34	0.66196 AU	asc. node	-3132 Nov 02 j 04:30	28° $\mathbb{Q}$ 36'26	
morning rise	-3133 Nov 29 j 22:11	2° $\mathbb{M}$ 40'23		inferior conj	-3132 Nov 07 j 17:17	22° $\mathbb{Q}$ 24'33	1°49'13
	-3133 Dec 05 j 10:50	30° $\mathbb{R}$ $\mathbb{Q}$		minimum elong	-3132 Nov 07 j 14:59	22° $\mathbb{Q}$ 32'22	1°48'18
direct	-3133 Dec 06 j 01:57	29° $\mathbb{Q}$ 58'26		min. Earth dist.	-3132 Nov 08 j 08:52	21° $\mathbb{Q}$ 31'47	0.66937 AU
	-3133 Dec 06 j 17:16	0° $\mathbb{M}$		morning rise	-3132 Nov 12 j 22:47	16° $\mathbb{Q}$ 09'53	
morning max el	-3133 Dec 18 j 10:21	7° $\mathbb{M}$ 15'30	25°52'19	direct	-3132 Nov 18 j 11:40	13° $\mathbb{Q}$ 45'00	
desc. node	-3133 Dec 28 j 04:28	18° $\mathbb{M}$ 44'19		morning max el	-3132 Nov 29 j 19:04	20° $\mathbb{Q}$ 29'29	24°31'51
	-3132 Jan 05 j 04:56	0° $\mathbb{X}$			-3132 Dec 07 j 23:31	0° $\mathbb{M}$	
	-3132 Jan 23 j 07:55	0° $\mathbb{Z}$		desc. node	-3132 Dec 14 j 01:29	8° $\mathbb{M}$ 11'54	
morning set	-3132 Jan 23 j 16:18	0° $\mathbb{Z}$ 38'29			-3132 Dec 28 j 09:56	0° $\mathbb{X}$	
max. Earth dist.	-3132 Jan 27 j 13:58	7° $\mathbb{Z}$ 58'58	1.35830 AU	morning set	-3131 Jan 04 j 18:13	12° $\mathbb{X}$ 24'14	
				max. Earth dist.	-3131 Jan 08 j 12:04	19° $\mathbb{X}$ 04'48	1.37692 AU
					-3131 Jan 14 j 08:19	0° $\mathbb{Z}$	
superior conj	-3132 Feb 01 j 22:05	18° $\mathbb{Z}$ 30'28	-1°31'01	superior conj	-3131 Jan 15 j 06:41	1° $\mathbb{Z}$ 47'41	-1°47'19
minimum elong	-3132 Feb 02 j 01:23	18° $\mathbb{Z}$ 47'06	1°30'42	minimum elong	-3131 Jan 15 j 09:26	2° $\mathbb{Z}$ 00'59	1°47'13
	-3132 Feb 07 j 12:55	0° $\mathbb{M}$		evening rise	-3131 Jan 23 j 20:27	18° $\mathbb{Z}$ 44'09	
evening rise	-3132 Feb 09 j 19:49	4° $\mathbb{M}$ 41'23		asc. node	-3131 Jan 29 j 03:40	28° $\mathbb{Z}$ 59'22	
asc. node	-3132 Feb 12 j 06:37	9° $\mathbb{M}$ 37'44			-3131 Jan 29 j 16:50	0° $\mathbb{M}$	
	-3132 Feb 24 j 10:00	0° $\mathbb{X}$		evening max el	-3131 Feb 09 j 16:27	15° $\mathbb{M}$ 54'05	19°10'31
evening max el	-3132 Feb 27 j 22:34	3° $\mathbb{X}$ 53'55	20°10'23	retrograde	-3131 Feb 18 j 11:29	20° $\mathbb{M}$ 06'18	
retrograde	-3132 Mar 09 j 07:47	8° $\mathbb{X}$ 50'29		evening set	-3131 Feb 20 j 19:39	19° $\mathbb{M}$ 49'44	
evening set	-3132 Mar 11 j 13:59	8° $\mathbb{X}$ 37'28		inferior conj	-3131 Feb 28 j 22:52	15° $\mathbb{M}$ 38'10	2°47'17
inferior conj	-3132 Mar 20 j 10:29	4° $\mathbb{X}$ 38'02	1°17'18	minimum elong	-3131 Mar 01 j 03:44	15° $\mathbb{M}$ 29'51	2°46'00
minimum elong	-3132 Mar 20 j 13:44	4° $\mathbb{X}$ 33'08	1°16'11	min. Earth dist.	-3131 Mar 03 j 23:04	13° $\mathbb{M}$ 35'37	0.56837 AU
min. Earth dist.	-3132 Mar 22 j 07:43	3° $\mathbb{X}$ 30'23	0.55563 AU	morning rise	-3131 Mar 09 j 09:02	10° $\mathbb{M}$ 41'02	
desc. node	-3132 Mar 25 j 03:28	1° $\mathbb{X}$ 56'10		desc. node	-3131 Mar 12 j 00:34	9° $\mathbb{M}$ 56'03	
morning rise	-3132 Mar 29 j 11:40	0° $\mathbb{X}$ 12'05		direct	-3131 Mar 14 j 08:31	9° $\mathbb{M}$ 43'11	
	-3132 Mar 30 j 07:37	30° $\mathbb{R}$ $\mathbb{M}$		morning max el	-3131 Mar 28 j 13:27	17° $\mathbb{M}$ 00'45	25°18'19
direct	-3132 Apr 02 j 06:15	29° $\mathbb{M}$ 40'54			-3131 Apr 08 j 03:58	0° $\mathbb{X}$	
	-3132 Apr 05 j 04:08	0° $\mathbb{X}$		morning set	-3131 Apr 24 j 08:27	29° $\mathbb{X}$ 14'46	
morning max el	-3132 Apr 15 j 22:27	6° $\mathbb{X}$ 26'06	23°41'32		-3131 Apr 24 j 17:03	0° $\mathbb{Y}$	
	-3132 May 02 j 15:52	0° $\mathbb{Y}$		asc. node	-3131 Apr 27 j 03:08	5° $\mathbb{Y}$ 10'10	
morning set	-3132 May 09 j 20:19	14° $\mathbb{Y}$ 12'50					
asc. node	-3132 May 10 j 06:07	15° $\mathbb{Y}$ 04'18					
				superior conj	-3131 May 01 j 08:36	14° $\mathbb{Y}$ 21'38	0°42'59
superior conj	-3132 May 16 j 22:27	29° $\mathbb{Y}$ 23'28	1°04'41	minimum elong	-3131 May 01 j 06:49	14° $\mathbb{Y}$ 11'56	0°42'39
minimum elong	-3132 May 16 j 20:01	29° $\mathbb{Y}$ 10'26	1°04'20	max. Earth dist.	-3131 May 02 j 09:31	16° $\mathbb{Y}$ 37'06	1.32893 AU
	-3132 May 17 j 05:15	0° $\mathbb{X}$		evening rise	-3131 May 08 j 12:44	29° $\mathbb{Y}$ 37'43	
max. Earth dist.	-3132 May 19 j 00:35	3° $\mathbb{X}$ 51'10	1.33574 AU		-3131 May 08 j 17:04	0° $\mathbb{X}$	
evening rise	-3132 May 24 j 10:39	15° $\mathbb{X}$ 03'12			-3131 May 25 j 11:05	0° $\mathbb{II}$	
	-3132 Jun 01 j 08:01	0° $\mathbb{II}$		desc. node	-3131 Jun 07 j 23:30	17° $\mathbb{II}$ 23'10	
desc. node	-3132 Jun 21 j 02:26	29° $\mathbb{II}$ 39'17		evening max el	-3131 Jun 09 j 09:15	18° $\mathbb{II}$ 46'33	27°15'38
	-3132 Jun 21 j 09:23	0° $\mathbb{Q}$		retrograde	-3131 Jun 23 j 06:41	26° $\mathbb{II}$ 08'41	
evening max el	-3132 Jun 27 j 01:42	6° $\mathbb{Q}$ 07'30	27°24'23	evening set	-3131 Jun 30 j 08:22	23° $\mathbb{II}$ 46'57	
retrograde	-3132 Jul 10 j 16:45	13° $\mathbb{Q}$ 30'42		min. Earth dist.	-3131 Jul 03 j 22:51	20° $\mathbb{II}$ 56'48	0.61998 AU
evening set	-3132 Jul 17 j 20:34	10° $\mathbb{Q}$ 48'49		inferior conj	-3131 Jul 07 j 00:26	18° $\mathbb{II}$ 06'46	-4°11'53
min. Earth dist.	-3132 Jul 21 j 11:27	7° $\mathbb{Q}$ 34'01	0.63796 AU	minimum elong	-3131 Jul 07 j 03:18	18° $\mathbb{II}$ 00'06	4°11'25
inferior conj	-3132 Jul 24 j 00:33	4° $\mathbb{Q}$ 55'02	-3°41'06	morning rise	-3131 Jul 13 j 23:39	13° $\mathbb{II}$ 06'57	
minimum elong	-3132 Jul 24 j 04:29	4° $\mathbb{Q}$ 44'47	3°40'08	direct	-3131 Jul 16 j 13:00	12° $\mathbb{II}$ 38'26	
	-3132 Jul 29 j 17:28	30° $\mathbb{R}$ $\mathbb{II}$		morning max el	-3131 Jul 23 j 08:26	16° $\mathbb{II}$ 04'02	17°57'24
morning rise	-3132 Jul 30 j 13:15	29° $\mathbb{II}$ 35'25		asc. node	-3131 Jul 24 j 02:31	16° $\mathbb{II}$ 50'16	
direct	-3132 Aug 02 j 05:12	29° $\mathbb{II}$ 00'06			-3131 Aug 02 j 02:46	0° $\mathbb{Q}$	
	-3132 Aug 05 j 16:17	0° $\mathbb{Q}$		morning set	-3131 Aug 08 j 12:23	11° $\mathbb{Q}$ 25'06	
asc. node	-3132 Aug 06 j 05:27	0° $\mathbb{Q}$ 20'06			-3131 Aug 18 j 23:05	0° $\mathbb{Q}$	
morning max el	-3132 Aug 08 j 17:58	2° $\mathbb{Q}$ 25'36	17°58'40				
morning set	-3132 Aug 25 j 20:21	28° $\mathbb{Q}$ 45'20		superior conj	-3131 Aug 19 j 08:33	0° $\mathbb{Q}$ 40'48	1°29'05
	-3132 Aug 26 j 13:39	0° $\mathbb{Q}$		minimum elong	-3131 Aug 19 j 13:20	1° $\mathbb{Q}$ 01'22	1°28'45
superior conj	-3132 Sep 07 j 10:28	20° $\mathbb{Q}$ 01'37	0°59'24	max. Earth dist.	-3131 Aug 26 j 14:35	12° $\mathbb{Q}$ 52'10	1.42639 AU
minimum elong	-3132 Sep 07 j 15:59	20° $\mathbb{Q}$ 24'14	0°58'50	evening rise	-3131 Sep 02 j 19:26	24° $\mathbb{Q}$ 25'49	
max. Earth dist.	-3132 Sep 13 j 02:47	29° $\mathbb{Q}$ 13'33	1.44005 AU	desc. node	-3131 Sep 03 j 22:53	26° $\mathbb{Q}$ 13'24	
	-3132 Sep 13 j 14:25	0° $\mathbb{M}$			-3131 Sep 06 j 09:17	0° $\mathbb{M}$	
desc. node	-3132 Sep 17 j 01:54	5° $\mathbb{M}$ 30'56			-3131 Sep 27 j 01:45	0° $\mathbb{Q}$	
evening rise	-3132 Sep 23 j 12:37	15° $\mathbb{M}$ 34'03		evening max el	-3131 Oct 04 j 07:53	8° $\mathbb{Q}$ 36'41	21°43'43
	-3132 Oct 02 j 23:47	0° $\mathbb{Q}$		retrograde	-3131 Oct 13 j 08:20	13° $\mathbb{Q}$ 58'14	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3131 Oct 17 j 14:55	12° $\Omega$ 17'40			-3130 Aug 30 j 16:19	0° $\Pi$	
asc. node	-3131 Oct 20 j 01:35	9° $\Omega$ 51'00		evening max el	-3130 Sep 16 j 23:17	22° $\Pi$ 03'28	23°02'48
inferior conj	-3131 Oct 22 j 23:05	6° $\Omega$ 02'56	0°59'02	retrograde	-3130 Sep 27 j 02:07	28° $\Pi$ 03'08	
minimum elong	-3131 Oct 22 j 21:46	6° $\Omega$ 07'32	0°58'28	evening set	-3130 Oct 01 j 22:13	26° $\Pi$ 03'25	
min. Earth dist.	-3131 Oct 23 j 03:50	5° $\Omega$ 46'32	0.67355 AU	asc. node	-3130 Oct 06 j 22:41	20° $\Pi$ 09'20	
	-3131 Oct 27 j 23:03	30° $\mathbb{R}$ $\Pi$		inferior conj	-3130 Oct 07 j 05:49	19° $\Pi$ 44'47	0°06'08
morning rise	-3131 Oct 28 j 04:26	29° $\Pi$ 48'14		minimum elong	-3130 Oct 07 j 05:40	19° $\Pi$ 45'18	0°06'06
direct	-3131 Nov 02 j 02:08	27° $\Pi$ 44'17		transit middle	-3130 Oct 07 j 05:40	19° $\Pi$ 45'18	0°06'06
	-3131 Nov 07 j 21:21	0° $\Omega$		transit begin	-3130 Oct 07 j 03:10	19° $\Pi$ 53'55	
morning max el	-3131 Nov 12 j 04:47	3° $\Omega$ 46'12	23°05'12	transit end	-3130 Oct 07 j 08:10	19° $\Pi$ 36'40	
desc. node	-3131 Nov 30 j 22:31	28° $\Omega$ 07'16		min. Earth dist.	-3130 Oct 07 j 00:18	20° $\Pi$ 03'48	0.67470 AU
	-3131 Dec 02 j 05:03	0° $\Pi$		morning rise	-3130 Oct 12 j 13:00	13° $\Pi$ 33'00	
morning set	-3131 Dec 16 j 18:02	22° $\Pi$ 50'46		direct	-3130 Oct 16 j 20:25	11° $\Pi$ 50'48	
	-3131 Dec 20 j 23:36	0° $\mathbb{X}$		morning max el	-3130 Oct 25 j 18:47	17° $\Pi$ 07'46	21°41'02
max. Earth dist.	-3131 Dec 21 j 07:30	0° $\mathbb{X}$ 33'59	1.39767 AU		-3130 Nov 05 j 04:42	0° $\Omega$	
				desc. node	-3130 Nov 17 j 19:30	18° $\Omega$ 21'47	
superior conj	-3131 Dec 29 j 00:12	14° $\mathbb{X}$ 16'53	-1°55'54		-3130 Nov 25 j 08:10	0° $\Pi$	
minimum elong	-3131 Dec 29 j 01:01	14° $\mathbb{X}$ 20'40	1°56'00	morning set	-3130 Nov 26 j 12:58	1° $\Pi$ 53'55	
	-3130 Jan 06 j 08:05	0° $\mathbb{Z}$		max. Earth dist.	-3130 Dec 03 j 07:59	12° $\Pi$ 54'35	1.41774 AU
evening rise	-3130 Jan 07 j 12:36	2° $\mathbb{Z}$ 16'38					
asc. node	-3130 Jan 16 j 00:44	17° $\mathbb{Z}$ 53'03		superior conj	-3130 Dec 10 j 21:06	25° $\Pi$ 43'34	-1°53'09
evening max el	-3130 Jan 23 j 19:15	28° $\mathbb{Z}$ 26'34	18°30'29	minimum elong	-3130 Dec 10 j 18:26	25° $\Pi$ 31'59	1°53'08
	-3130 Jan 25 j 14:50	0° $\approx$			-3130 Dec 13 j 07:30	0° $\mathbb{X}$	
retrograde	-3130 Jan 31 j 09:23	2° $\approx$ 09'15		evening rise	-3130 Dec 21 j 16:45	15° $\mathbb{X}$ 10'38	
evening set	-3130 Feb 02 j 21:23	1° $\approx$ 46'26			-3130 Dec 29 j 23:34	0° $\mathbb{Z}$	
	-3130 Feb 06 j 13:55	30° $\mathbb{R}$ $\mathbb{Z}$		asc. node	-3129 Jan 02 j 21:47	6° $\mathbb{Z}$ 09'30	
inferior conj	-3130 Feb 10 j 07:30	27° $\mathbb{Z}$ 15'24	3°40'08	evening max el	-3129 Jan 07 j 04:08	11° $\mathbb{Z}$ 22'34	18°10'29
minimum elong	-3130 Feb 10 j 10:39	27° $\mathbb{Z}$ 09'09	3°39'37	retrograde	-3129 Jan 14 j 00:44	14° $\mathbb{Z}$ 51'29	
min. Earth dist.	-3130 Feb 13 j 17:10	24° $\mathbb{Z}$ 34'20	0.58670 AU	evening set	-3129 Jan 16 j 16:10	14° $\mathbb{Z}$ 21'06	
morning rise	-3130 Feb 17 j 21:34	21° $\mathbb{Z}$ 52'07		inferior conj	-3129 Jan 23 j 11:50	9° $\mathbb{Z}$ 28'15	3°59'46
direct	-3130 Feb 24 j 00:14	20° $\mathbb{Z}$ 16'28		minimum elong	-3129 Jan 23 j 12:17	9° $\mathbb{Z}$ 27'14	3°59'40
desc. node	-3130 Feb 26 j 21:41	20° $\mathbb{Z}$ 37'31		min. Earth dist.	-3129 Jan 26 j 16:49	6° $\mathbb{Z}$ 32'20	0.60700 AU
morning max el	-3130 Mar 10 j 06:52	27° $\mathbb{Z}$ 50'37	26°38'20	morning rise	-3129 Jan 30 j 06:55	3° $\mathbb{Z}$ 46'38	
	-3130 Mar 12 j 09:26	0° $\approx$		direct	-3129 Feb 06 j 02:44	1° $\mathbb{Z}$ 33'51	
	-3130 Apr 01 j 15:12	0° $\mathbb{X}$		desc. node	-3129 Feb 13 j 18:46	4° $\mathbb{Z}$ 02'47	
morning set	-3130 Apr 08 j 19:19	14° $\mathbb{X}$ 12'13		morning max el	-3129 Feb 20 j 06:12	9° $\mathbb{Z}$ 15'51	27°28'56
asc. node	-3130 Apr 14 j 00:10	25° $\mathbb{X}$ 21'54			-3129 Mar 08 j 05:47	0° $\approx$	
				morning set	-3129 Mar 24 j 03:05	28° $\approx$ 58'41	
superior conj	-3130 Apr 15 j 20:14	29° $\mathbb{X}$ 23'03	0°19'11		-3129 Mar 24 j 14:56	0° $\mathbb{X}$	
minimum elong	-3130 Apr 15 j 19:24	29° $\mathbb{X}$ 18'26	0°18'59	max. Earth dist.	-3129 Mar 30 j 11:16	12° $\mathbb{X}$ 30'00	1.32569 AU
max. Earth dist.	-3130 Apr 15 j 22:17	29° $\mathbb{X}$ 34'13	1.32561 AU				
	-3130 Apr 16 j 02:59	0° $\Upsilon$		superior conj	-3129 Mar 31 j 07:43	14° $\mathbb{X}$ 21'36	-0°05'55
evening rise	-3130 Apr 22 j 20:07	14° $\Upsilon$ 27'20		minimum elong	-3129 Mar 31 j 07:59	14° $\mathbb{X}$ 23'05	0°05'53
	-3130 Apr 30 j 18:03	0° $\mathbb{B}$		behind sun begin	-3129 Mar 31 j 03:17	13° $\mathbb{X}$ 57'22	
	-3130 May 21 j 16:40	0° $\Pi$		behind sun end	-3129 Mar 31 j 12:41	14° $\mathbb{X}$ 48'47	
evening max el	-3130 May 22 j 11:31	0° $\Pi$ 45'56	26°34'05	asc. node	-3129 Mar 31 j 21:12	15° $\mathbb{X}$ 35'20	
desc. node	-3130 May 25 j 20:34	3° $\Pi$ 41'14		evening rise	-3129 Apr 07 j 06:36	29° $\mathbb{X}$ 24'11	
retrograde	-3130 Jun 05 j 12:48	8° $\Pi$ 04'13			-3129 Apr 07 j 13:25	0° $\Upsilon$	
evening set	-3130 Jun 12 j 01:03	6° $\Pi$ 15'49			-3129 Apr 24 j 07:45	0° $\mathbb{B}$	
min. Earth dist.	-3130 Jun 16 j 00:53	3° $\Pi$ 35'09	0.59983 AU	evening max el	-3129 May 04 j 07:29	12° $\mathbb{B}$ 03'34	25°23'27
inferior conj	-3130 Jun 19 j 09:28	0° $\Pi$ 52'42	-4°24'47	desc. node	-3129 May 12 j 17:39	18° $\mathbb{B}$ 00'17	
minimum elong	-3130 Jun 19 j 09:44	0° $\Pi$ 52'09	4°24'41	retrograde	-3129 May 18 j 08:56	19° $\mathbb{B}$ 14'18	
	-3130 Jun 20 j 11:44	30° $\mathbb{R}$ $\mathbb{B}$		evening set	-3129 May 23 j 19:51	18° $\mathbb{B}$ 04'38	
morning rise	-3130 Jun 26 j 20:31	26° $\mathbb{B}$ 14'24		min. Earth dist.	-3129 May 28 j 19:40	15° $\mathbb{B}$ 16'53	0.57978 AU
direct	-3130 Jun 29 j 08:55	25° $\mathbb{B}$ 50'57		inferior conj	-3129 Jun 01 j 00:11	13° $\mathbb{B}$ 03'33	-4°10'07
morning max el	-3130 Jul 06 j 19:27	29° $\mathbb{B}$ 26'56	18°15'23	minimum elong	-3129 May 31 j 20:42	13° $\mathbb{B}$ 09'40	4°09'39
	-3130 Jul 07 j 08:50	0° $\Pi$		morning rise	-3129 Jun 09 j 00:21	8° $\mathbb{B}$ 46'33	
asc. node	-3130 Jul 10 j 23:36	4° $\Pi$ 23'14		direct	-3129 Jun 11 j 12:37	8° $\mathbb{B}$ 27'07	
morning set	-3130 Jul 22 j 19:47	24° $\Pi$ 50'24		morning max el	-3129 Jun 20 j 00:11	12° $\mathbb{B}$ 26'00	18°53'37
	-3130 Jul 25 j 13:17	0° $\mathbb{E}$		asc. node	-3129 Jun 27 j 20:39	22° $\mathbb{B}$ 45'13	
					-3129 Jul 01 j 23:36	0° $\Pi$	
superior conj	-3130 Aug 01 j 08:14	12° $\mathbb{E}$ 36'17	1°44'47	morning set	-3129 Jul 06 j 14:17	8° $\Pi$ 50'45	
minimum elong	-3130 Aug 01 j 10:30	12° $\mathbb{E}$ 46'35	1°44'46				
max. Earth dist.	-3130 Aug 08 j 20:51	25° $\mathbb{E}$ 51'06	1.40859 AU	superior conj	-3129 Jul 15 j 04:07	25° $\Pi$ 34'03	1°48'50
	-3130 Aug 11 j 07:52	0° $\Omega$		minimum elong	-3129 Jul 15 j 04:00	25° $\Pi$ 33'29	1°48'56
evening rise	-3130 Aug 13 j 19:56	4° $\Omega$ 08'13			-3129 Jul 17 j 12:27	0° $\mathbb{E}$	
desc. node	-3130 Aug 21 j 19:52	16° $\Omega$ 49'20		max. Earth dist.	-3129 Jul 21 j 23:36	8° $\mathbb{E}$ 10'06	1.38901 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3129 Jul 25 j 22:15	15° $\text{☾}$ 05'26				-3128 Jul 08 j 13:47	0° $\text{☾}$	
	-3129 Aug 03 j 23:45	0° $\text{♊}$		desc. node		-3128 Jul 25 j 13:51	27° $\text{☾}$ 23'52	
desc. node	-3129 Aug 08 j 16:51	7° $\text{♊}$ 14'53				-3128 Jul 27 j 09:25	0° $\text{♊}$	
	-3129 Aug 25 j 09:38	0° $\text{♐}$		evening max el		-3128 Aug 11 j 21:57	19° $\text{♊}$ 04'52	25°37'05
evening max el	-3129 Aug 30 j 11:13	5° $\text{♐}$ 33'03	24°23'00	retrograde		-3128 Aug 24 j 02:12	26° $\text{♊}$ 05'44	
retrograde	-3129 Sep 10 j 16:18	12° $\text{♐}$ 07'17		evening set		-3128 Aug 30 j 04:00	23° $\text{♊}$ 30'18	
evening set	-3129 Sep 16 j 03:12	9° $\text{♐}$ 48'23		min. Earth dist.		-3128 Sep 03 j 12:01	18° $\text{♊}$ 41'23	0.66774 AU
inferior conj	-3129 Sep 21 j 11:46	3° $\text{♐}$ 29'16	-0°47'48	inferior conj		-3128 Sep 04 j 15:11	17° $\text{♊}$ 14'01	-1°41'08
minimum elong	-3129 Sep 21 j 12:54	3° $\text{♐}$ 25'27	0°47'16	minimum elong		-3128 Sep 04 j 17:34	17° $\text{♊}$ 06'21	1°40'08
min. Earth dist.	-3129 Sep 20 j 19:49	4° $\text{♐}$ 22'55	0.67285 AU	asc. node		-3128 Sep 09 j 16:51	11° $\text{♊}$ 42'11	
asc. node	-3129 Sep 23 j 19:46	0° $\text{♐}$ 27'56		morning rise		-3128 Sep 10 j 07:18	11° $\text{♊}$ 16'57	
	-3129 Sep 24 j 05:12	30° $\text{♋}$ 00		direct		-3128 Sep 13 j 15:30	10° $\text{♊}$ 12'19	
morning rise	-3129 Sep 26 j 22:36	27° $\text{♊}$ 23'20		morning max el		-3128 Sep 20 j 20:08	14° $\text{♊}$ 18'28	19°23'54
direct	-3129 Sep 30 j 17:21	26° $\text{♊}$ 01'23				-3128 Oct 02 j 13:36	0° $\text{♐}$	
	-3129 Oct 08 j 00:14	0° $\text{♐}$		morning set		-3128 Oct 14 j 14:57	18° $\text{♐}$ 36'47	
morning max el	-3129 Oct 08 j 15:47	0° $\text{♐}$ 38'36	20°25'54	desc. node		-3128 Oct 21 j 13:27	29° $\text{♐}$ 27'18	
	-3129 Oct 29 j 22:15	0° $\text{♊}$				-3128 Oct 21 j 21:48	0° $\text{♊}$	
desc. node	-3129 Nov 04 j 16:29	8° $\text{♊}$ 49'56		max. Earth dist.		-3128 Oct 28 j 06:39	10° $\text{♊}$ 01'27	1.44495 AU
morning set	-3129 Nov 05 j 12:25	10° $\text{♊}$ 07'07						
max. Earth dist.	-3129 Nov 15 j 16:19	26° $\text{♊}$ 09'06	1.43423 AU	superior conj		-3128 Oct 31 j 08:10	14° $\text{♊}$ 53'16	-0°59'53
	-3129 Nov 18 j 01:25	0° $\text{♋}$		minimum elong		-3128 Oct 31 j 01:24	14° $\text{♊}$ 26'19	0°59'07
						-3128 Nov 09 j 16:43	0° $\text{♋}$	
superior conj	-3129 Nov 21 j 16:03	5° $\text{♋}$ 55'18	-1°35'05	evening rise		-3128 Nov 14 j 20:23	8° $\text{♋}$ 30'17	
minimum elong	-3129 Nov 21 j 09:38	5° $\text{♋}$ 28'45	1°34'36			-3128 Nov 28 j 01:44	0° $\text{♌}$	
evening rise	-3129 Dec 04 j 04:52	27° $\text{♋}$ 18'09		evening max el		-3128 Dec 04 j 04:35	7° $\text{♌}$ 54'54	18°28'19
	-3129 Dec 05 j 17:55	0° $\text{♌}$		asc. node		-3128 Dec 06 j 15:53	10° $\text{♌}$ 03'43	
asc. node	-3129 Dec 20 j 18:50	23° $\text{♌}$ 37'35		retrograde		-3128 Dec 10 j 19:02	11° $\text{♌}$ 33'42	
evening max el	-3129 Dec 21 j 16:09	24° $\text{♌}$ 34'05	18°10'02	evening set		-3128 Dec 13 j 18:12	10° $\text{♌}$ 45'19	
retrograde	-3129 Dec 28 j 05:26	28° $\text{♌}$ 02'32		inferior conj		-3128 Dec 19 j 17:42	5° $\text{♌}$ 12'51	3°32'32
evening set	-3129 Dec 31 j 00:16	27° $\text{♌}$ 23'47		minimum elong		-3128 Dec 19 j 14:53	5° $\text{♌}$ 21'00	3°31'54
inferior conj	-3128 Jan 06 j 08:31	22° $\text{♌}$ 09'59	3°54'45	min. Earth dist.		-3128 Dec 21 j 19:36	2° $\text{♌}$ 48'37	0.64290 AU
minimum elong	-3128 Jan 06 j 06:51	22° $\text{♌}$ 14'22	3°54'29			-3128 Dec 24 j 12:12	30° $\text{♋}$ 00	
min. Earth dist.	-3128 Jan 09 j 01:09	19° $\text{♌}$ 21'48	0.62632 AU	morning rise		-3128 Dec 25 j 11:05	29° $\text{♋}$ 09'33	
morning rise	-3128 Jan 12 j 12:35	16° $\text{♌}$ 15'37		direct		-3127 Jan 01 j 08:41	26° $\text{♋}$ 18'23	
direct	-3128 Jan 19 j 13:57	13° $\text{♌}$ 36'19				-3127 Jan 10 j 06:20	0° $\text{♌}$	
desc. node	-3128 Jan 31 j 15:51	19° $\text{♌}$ 39'10		morning max el		-3127 Jan 14 j 20:28	4° $\text{♌}$ 02'06	27°22'49
morning max el	-3128 Feb 02 j 11:33	21° $\text{♌}$ 22'05	27°43'37	desc. node		-3127 Jan 17 j 12:54	6° $\text{♌}$ 51'08	
	-3128 Feb 10 j 01:11	0° $\text{♍}$				-3127 Feb 03 j 12:31	0° $\text{♍}$	
	-3128 Feb 29 j 06:13	0° $\text{♎}$		morning set		-3127 Feb 19 j 00:01	27° $\text{♍}$ 25'31	
morning set	-3128 Mar 07 j 05:33	13° $\text{♎}$ 26'06				-3127 Feb 20 j 07:15	0° $\text{♎}$	
max. Earth dist.	-3128 Mar 12 j 20:27	25° $\text{♎}$ 09'36	1.32940 AU	max. Earth dist.		-3127 Feb 23 j 21:49	7° $\text{♎}$ 20'06	1.33709 AU
superior conj	-3128 Mar 14 j 17:18	29° $\text{♎}$ 10'55	-0°31'23	superior conj		-3127 Feb 26 j 23:13	13° $\text{♎}$ 44'55	-0°56'16
minimum elong	-3128 Mar 14 j 18:44	29° $\text{♎}$ 18'37	0°31'09	minimum elong		-3127 Feb 27 j 01:41	13° $\text{♎}$ 57'59	0°55'53
	-3128 Mar 15 j 02:23	0° $\text{♏}$		asc. node		-3127 Mar 04 j 15:13	25° $\text{♎}$ 49'29	
asc. node	-3128 Mar 17 j 18:12	5° $\text{♏}$ 45'51		evening rise		-3127 Mar 06 j 05:22	29° $\text{♎}$ 10'36	
evening rise	-3128 Mar 21 j 18:16	14° $\text{♏}$ 20'41				-3127 Mar 06 j 14:50	0° $\text{♏}$	
	-3128 Mar 29 j 16:26	0° $\text{♐}$				-3127 Mar 24 j 08:54	0° $\text{♐}$	
evening max el	-3128 Apr 14 j 23:10	22° $\text{♐}$ 50'11	23°53'52	evening max el		-3127 Mar 27 j 16:39	3° $\text{♐}$ 32'59	22°19'38
retrograde	-3128 Apr 28 j 17:08	29° $\text{♐}$ 43'14		retrograde		-3127 Apr 09 j 13:26	9° $\text{♐}$ 49'56	
desc. node	-3128 Apr 28 j 14:44	29° $\text{♐}$ 43'13		evening set		-3127 Apr 12 j 11:15	9° $\text{♐}$ 31'16	
evening set	-3128 May 02 j 19:24	29° $\text{♐}$ 06'06		desc. node		-3127 Apr 15 j 11:49	8° $\text{♐}$ 35'41	
min. Earth dist.	-3128 May 09 j 10:27	25° $\text{♐}$ 57'22	0.56303 AU	min. Earth dist.		-3127 Apr 21 j 00:23	5° $\text{♐}$ 49'18	0.55300 AU
inferior conj	-3128 May 11 j 18:38	24° $\text{♐}$ 31'23	-3°17'24	inferior conj		-3127 Apr 21 j 20:10	5° $\text{♐}$ 21'14	-1°44'11
minimum elong	-3128 May 11 j 12:30	24° $\text{♐}$ 40'50	3°15'55	minimum elong		-3127 Apr 21 j 15:34	5° $\text{♐}$ 27'45	1°42'40
morning rise	-3128 May 20 j 08:37	20° $\text{♐}$ 30'52		morning rise		-3127 Apr 30 j 21:34	1° $\text{♐}$ 24'22	
direct	-3128 May 22 j 21:09	20° $\text{♐}$ 14'27		direct		-3127 May 03 j 13:36	1° $\text{♐}$ 08'09	
morning max el	-3128 Jun 01 j 19:54	24° $\text{♐}$ 51'01	19°52'29	morning max el		-3127 May 15 j 04:58	6° $\text{♐}$ 35'28	21°10'43
	-3128 Jun 06 j 09:13	0° $\text{♑}$				-3127 May 31 j 00:23	0° $\text{♑}$	
asc. node	-3128 Jun 13 j 17:40	11° $\text{♑}$ 43'44		asc. node		-3127 May 31 j 14:42	1° $\text{♑}$ 09'52	
morning set	-3128 Jun 19 j 16:33	23° $\text{♑}$ 16'18		morning set		-3127 Jun 04 j 00:04	8° $\text{♑}$ 00'01	
	-3128 Jun 23 j 00:08	0° $\text{♒}$						
				superior conj		-3127 Jun 11 j 11:29	23° $\text{♑}$ 33'37	1°32'23
superior conj	-3128 Jun 27 j 14:39	9° $\text{♒}$ 17'25	1°43'56	minimum elong		-3127 Jun 11 j 08:58	23° $\text{♑}$ 20'38	1°32'12
minimum elong	-3128 Jun 27 j 12:55	9° $\text{♒}$ 08'48	1°43'57			-3127 Jun 14 j 15:18	0° $\text{♒}$	
max. Earth dist.	-3128 Jul 03 j 03:03	20° $\text{♒}$ 00'41	1.37012 AU	max. Earth dist.		-3127 Jun 15 j 13:13	1° $\text{♒}$ 49'42	1.35392 AU
evening rise	-3128 Jul 07 j 00:45	27° $\text{♒}$ 13'57		evening rise		-3127 Jun 19 j 22:27	10° $\text{♒}$ 20'59	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3127 Jul 01 j 02:00	0°☿		superior conj	-3126 May 26 j 15:23	8°♄12'24	1°15'54
desc. node	-3127 Jul 12 j 10:52	17°☿08'48		minimum elong	-3126 May 26 j 12:46	7°♄58'31	1°15'35
	-3127 Jul 22 j 20:14	0°♌		max. Earth dist.	-3126 May 29 j 09:28	13°♄59'50	1.34132 AU
evening max el	-3127 Jul 25 j 09:08	2°♌35'47	26°37'04	evening rise	-3126 Jun 03 j 10:17	24°♄11'57	
retrograde	-3127 Aug 07 j 07:18	9°♌52'24			-3126 Jun 06 j 10:30	0°♊	
evening set	-3127 Aug 13 j 22:25	7°♌06'34			-3126 Jun 24 j 15:03	0°☿	
min. Earth dist.	-3127 Aug 17 j 22:38	2°♌55'37	0.65909 AU	desc. node	-3126 Jun 29 j 07:54	6°☿19'26	
inferior conj	-3127 Aug 19 j 14:10	0°♌56'28	-2°32'02	evening max el	-3126 Jul 07 j 20:40	15°☿57'18	27°15'10
minimum elong	-3127 Aug 19 j 17:35	0°♌46'09	2°30'47	retrograde	-3126 Jul 21 j 07:00	23°☿19'41	
	-3127 Aug 20 j 09:02	30°♋☿		evening set	-3126 Jul 28 j 07:47	20°☿33'06	
morning rise	-3127 Aug 25 j 13:06	25°☿11'17		min. Earth dist.	-3126 Aug 01 j 01:28	16°☿58'57	0.64672 AU
asc. node	-3127 Aug 27 j 13:55	24°☿25'48		inferior conj	-3126 Aug 03 j 06:28	14°☿32'29	-3°18'05
direct	-3127 Aug 28 j 13:08	24°☿20'31		minimum elong	-3126 Aug 03 j 10:26	14°☿21'29	3°16'55
morning max el	-3127 Sep 04 j 06:25	28°☿04'26	18°37'22	morning rise	-3126 Aug 09 j 13:42	9°☿02'21	
	-3127 Sep 06 j 00:23	0°♌		direct	-3126 Aug 12 j 07:57	8°☿22'10	
morning set	-3127 Sep 24 j 16:05	28°♌15'21		asc. node	-3126 Aug 14 j 11:00	8°☿46'00	
	-3127 Sep 25 j 18:08	0°♍		morning max el	-3126 Aug 18 j 20:25	11°☿52'07	18°07'40
desc. node	-3127 Oct 08 j 10:25	20°♍10'08			-3126 Aug 31 j 08:46	0°♌	
				morning set	-3126 Sep 05 j 21:04	9°♌15'03	
superior conj	-3127 Oct 10 j 08:28	23°♍11'35	-0°12'15		-3126 Sep 18 j 10:59	0°♍	
minimum elong	-3127 Oct 10 j 06:51	23°♍05'12	0°12'02				
behind sun begin	-3127 Oct 09 j 23:04	22°♍34'32		superior conj	-3126 Sep 19 j 14:56	1°♍52'29	0°35'57
behind sun end	-3127 Oct 10 j 14:38	23°♍35'52		minimum elong	-3126 Sep 19 j 19:03	2°♍08'58	0°35'28
max. Earth dist.	-3127 Oct 11 j 00:11	24°♍13'29	1.44875 AU	max. Earth dist.	-3126 Sep 23 j 18:09	8°♍28'10	1.44526 AU
	-3127 Oct 14 j 16:15	0°♎		desc. node	-3126 Sep 25 j 07:24	10°♍55'31	
evening rise	-3127 Oct 26 j 11:36	18°♎39'50		evening rise	-3126 Oct 06 j 03:56	27°♍52'34	
	-3127 Nov 02 j 14:46	0°♏			-3126 Oct 07 j 12:53	0°♎	
greatest brilliancy	-3127 Nov 03 j 15:02	1°♏35'56	-0.8m	greatest brilliancy	-3126 Oct 19 j 10:38	18°♎10'53	-0.7m
evening max el	-3127 Nov 17 j 14:58	21°♏20'12	19°04'10		-3126 Oct 27 j 19:13	0°♏	
asc. node	-3127 Nov 23 j 12:58	25°♏12'14		evening max el	-3126 Oct 31 j 21:12	4°♏47'28	19°55'54
retrograde	-3127 Nov 24 j 13:42	25°♏18'13		retrograde	-3126 Nov 08 j 10:43	9°♏12'39	
evening set	-3127 Nov 27 j 18:59	24°♏18'16		asc. node	-3126 Nov 10 j 10:03	8°♏50'08	
inferior conj	-3127 Dec 03 j 11:55	18°♏29'59	2°58'27	evening set	-3126 Nov 12 j 00:10	7°♏58'42	
minimum elong	-3127 Dec 03 j 08:51	18°♏39'39	2°57'31	inferior conj	-3126 Nov 17 j 12:25	1°♏57'31	2°16'12
min. Earth dist.	-3127 Dec 04 j 23:24	16°♏38'53	0.65604 AU	minimum elong	-3126 Nov 17 j 09:42	2°♏06'31	2°15'12
morning rise	-3127 Dec 08 j 22:23	12°♏20'27		min. Earth dist.	-3126 Nov 18 j 10:51	0°♏43'18	0.66559 AU
direct	-3127 Dec 15 j 09:54	9°♏31'39			-3126 Nov 19 j 00:05	30°♋♎	
morning max el	-3127 Dec 28 j 06:06	17°♏02'33	26°31'53	morning rise	-3126 Nov 22 j 19:01	25°♎44'13	
desc. node	-3126 Jan 04 j 09:56	25°♏10'12		direct	-3126 Nov 28 j 16:45	23°♎08'31	
	-3126 Jan 08 j 03:01	0°♐			-3126 Dec 10 j 09:44	0°♏	
	-3126 Jan 27 j 09:27	0°♑		morning max el	-3126 Dec 10 j 14:54	0°♏12'54	25°19'22
morning set	-3126 Feb 02 j 06:44	10°♑44'07		desc. node	-3126 Dec 22 j 07:00	14°♏16'58	
max. Earth dist.	-3126 Feb 06 j 11:53	18°♑53'22	1.34923 AU		-3125 Jan 02 j 01:31	0°♐	
				morning set	-3125 Jan 15 j 20:49	23°♐07'48	
superior conj	-3126 Feb 10 j 23:11	27°♑55'39	-1°19'17	max. Earth dist.	-3125 Jan 19 j 14:30	0°♑00'13	1.36583 AU
minimum elong	-3126 Feb 11 j 02:21	28°♑11'58	1°18'54		-3125 Jan 19 j 14:27	0°♑	
	-3126 Feb 11 j 23:16	0°♒					
evening rise	-3126 Feb 18 j 14:01	13°♒46'40		superior conj	-3125 Jan 25 j 14:24	11°♑35'04	-1°38'41
asc. node	-3126 Feb 19 j 12:14	15°♒40'49		minimum elong	-3125 Jan 25 j 17:36	11°♑50'57	1°38'28
	-3126 Feb 26 j 23:59	0°♓		evening rise	-3125 Feb 02 j 18:14	28°♑03'09	
evening max el	-3126 Mar 09 j 18:01	14°♓37'33	20°53'19		-3125 Feb 03 j 17:29	0°♒	
retrograde	-3126 Mar 21 j 02:49	20°♓03'26		asc. node	-3125 Feb 06 j 09:17	5°♒14'44	
evening set	-3126 Mar 23 j 10:48	19°♓50'36		evening max el	-3125 Feb 20 j 05:55	26°♒16'35	19°42'35
inferior conj	-3126 Apr 01 j 15:12	15°♓52'50	0°12'22		-3125 Feb 25 j 16:09	0°♓	
minimum elong	-3126 Apr 01 j 15:47	15°♓52'01	0°12'08	retrograde	-3125 Mar 01 j 21:44	0°♓52'10	
transit middle	-3126 Apr 01 j 15:47	15°♓52'01	0°12'08	evening set	-3125 Mar 04 j 04:29	0°♓37'58	
transit begin	-3126 Apr 01 j 13:09	15°♓55'46			-3125 Mar 06 j 08:42	30°♋♒	
transit end	-3126 Apr 01 j 18:24	15°♓48'15		inferior conj	-3125 Mar 12 j 17:55	26°♒34'52	1°59'45
desc. node	-3126 Apr 02 j 08:55	15°♓27'31		minimum elong	-3125 Mar 12 j 22:23	26°♒27'51	1°58'21
min. Earth dist.	-3126 Apr 02 j 14:30	15°♓19'33	0.55197 AU	min. Earth dist.	-3125 Mar 15 j 04:51	25°♒02'34	0.56019 AU
morning rise	-3126 Apr 10 j 19:55	11°♓41'43		desc. node	-3125 Mar 20 j 06:01	22°♒24'19	
direct	-3126 Apr 14 j 01:27	11°♓18'59		morning rise	-3125 Mar 21 j 13:51	21°♒56'00	
morning max el	-3126 Apr 27 j 03:36	17°♓39'08	22°44'11	direct	-3125 Mar 25 j 20:34	21°♒15'05	
	-3126 May 07 j 01:05	0°♑		morning max el	-3125 Apr 08 j 19:25	28°♒15'49	24°23'48
asc. node	-3126 May 18 j 11:44	20°♑56'07			-3125 Apr 10 j 12:56	0°♓	
morning set	-3126 May 19 j 10:46	22°♑55'39			-3125 Apr 30 j 01:29	0°♑	
	-3126 May 22 j 19:02	0°♒		morning set	-3125 May 03 j 22:52	7°♑56'55	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3125 May 05 j 08:46	10° $\Upsilon$ 56'14		asc. node	-3124 Apr 21 j 05:48	1° $\Upsilon$ 05'19	
superior conj	-3125 May 10 j 23:49	23° $\Upsilon$ 05'15	0°55'48	superior conj	-3124 Apr 24 j 10:49	8° $\Upsilon$ 05'38	0°33'06
minimum elong	-3125 May 10 j 21:37	22° $\Upsilon$ 53'22	0°55'26	minimum elong	-3124 Apr 24 j 09:25	7° $\Upsilon$ 57'55	0°32'49
max. Earth dist.	-3125 May 12 j 14:47	26° $\Upsilon$ 35'10	1.33243 AU	max. Earth dist.	-3124 Apr 25 j 02:01	9° $\Upsilon$ 28'38	1.32707 AU
	-3125 May 14 j 05:10	0° $\mathcal{B}$		evening rise	-3124 May 01 j 12:44	23° $\Upsilon$ 15'44	
evening rise	-3125 May 18 j 08:06	8° $\mathcal{B}$ 33'35			-3124 May 04 j 20:41	0° $\mathcal{B}$	
	-3125 May 29 j 20:44	0° $\Pi$			-3124 May 22 j 19:28	0° $\Pi$	
desc. node	-3125 Jun 16 j 04:58	24° $\Pi$ 40'46		evening max el	-3124 Jun 01 j 12:07	11° $\Pi$ 19'22	27°01'54
evening max el	-3125 Jun 20 j 06:33	28° $\Pi$ 56'02	27°24'45	desc. node	-3124 Jun 02 j 02:01	11° $\Pi$ 52'05	
	-3125 Jun 21 j 10:06	0° $\mathcal{E}$		retrograde	-3124 Jun 15 j 11:03	18° $\Pi$ 39'40	
retrograde	-3125 Jul 04 j 00:29	6° $\mathcal{E}$ 18'15		evening set	-3124 Jun 22 j 08:48	16° $\Pi$ 30'33	
evening set	-3125 Jul 11 j 04:36	3° $\mathcal{E}$ 43'31		min. Earth dist.	-3124 Jun 26 j 01:39	13° $\Pi$ 46'52	0.61164 AU
min. Earth dist.	-3125 Jul 14 j 18:38	0° $\mathcal{E}$ 40'34	0.63071 AU	inferior conj	-3124 Jun 29 j 07:19	10° $\Pi$ 57'28	-4°20'03
	-3125 Jul 15 j 11:20	30° $\mathcal{R}$ $\Pi$		minimum elong	-3124 Jun 29 j 09:17	10° $\Pi$ 53'09	4°19'47
inferior conj	-3125 Jul 17 j 13:17	27° $\Pi$ 55'20	-3°55'52	morning rise	-3124 Jul 06 j 11:25	6° $\Pi$ 06'47	
minimum elong	-3125 Jul 17 j 16:56	27° $\Pi$ 46'15	3°55'06	direct	-3124 Jul 09 j 00:21	5° $\Pi$ 40'28	
morning rise	-3125 Jul 24 j 06:16	22° $\Pi$ 43'32		morning max el	-3124 Jul 16 j 00:51	9° $\Pi$ 08'39	18°02'37
direct	-3125 Jul 26 j 20:58	22° $\Pi$ 11'14		asc. node	-3124 Jul 18 j 05:10	11° $\Pi$ 31'46	
asc. node	-3125 Aug 01 j 08:06	24° $\Pi$ 32'54			-3124 Jul 29 j 15:46	0° $\mathcal{E}$	
morning max el	-3125 Aug 02 j 11:28	25° $\Pi$ 35'31	17°55'46	morning set	-3124 Aug 01 j 01:06	4° $\mathcal{E}$ 23'46	
	-3125 Aug 06 j 04:11	0° $\mathcal{E}$					
morning set	-3125 Aug 19 j 01:56	21° $\mathcal{E}$ 22'52		superior conj	-3124 Aug 11 j 06:32	22° $\mathcal{E}$ 57'15	1°37'20
	-3125 Aug 23 j 23:57	0° $\mathcal{Q}$		minimum elong	-3124 Aug 11 j 10:19	23° $\mathcal{E}$ 13'55	1°37'09
					-3124 Aug 15 j 08:01	0° $\mathcal{Q}$	
superior conj	-3125 Aug 30 j 20:55	11° $\mathcal{Q}$ 43'37	1°13'47	max. Earth dist.	-3124 Aug 18 j 19:20	5° $\mathcal{Q}$ 51'12	1.41928 AU
minimum elong	-3125 Aug 31 j 02:31	12° $\mathcal{Q}$ 07'00	1°13'16	evening rise	-3124 Aug 24 j 21:18	15° $\mathcal{Q}$ 45'51	
max. Earth dist.	-3125 Sep 06 j 09:25	22° $\mathcal{Q}$ 26'36	1.43497 AU	desc. node	-3124 Aug 29 j 01:21	22° $\mathcal{Q}$ 19'45	
	-3125 Sep 11 j 03:03	0° $\mathcal{N}$			-3124 Sep 03 j 01:39	0° $\mathcal{N}$	
desc. node	-3125 Sep 12 j 04:23	1° $\mathcal{N}$ 39'46			-3124 Sep 25 j 02:09	0° $\mathcal{E}$	
evening rise	-3125 Sep 15 j 08:42	6° $\mathcal{N}$ 37'34		evening max el	-3124 Sep 26 j 15:58	1° $\mathcal{E}$ 39'52	22°16'40
	-3125 Sep 30 j 21:36	0° $\mathcal{A}$		retrograde	-3124 Oct 06 j 03:20	7° $\mathcal{A}$ 17'46	
evening max el	-3125 Oct 14 j 21:40	18° $\mathcal{A}$ 14'07	21°01'14	evening set	-3124 Oct 10 j 15:32	5° $\mathcal{A}$ 28'55	
retrograde	-3125 Oct 23 j 07:49	23° $\mathcal{A}$ 13'25		asc. node	-3124 Oct 14 j 04:15	1° $\mathcal{A}$ 37'55	
evening set	-3125 Oct 27 j 07:39	21° $\mathcal{A}$ 42'59			-3124 Oct 15 j 09:19	30° $\mathcal{R}$ $\mathcal{N}$	
asc. node	-3125 Oct 28 j 07:09	20° $\mathcal{A}$ 53'03		inferior conj	-3124 Oct 15 j 23:16	29° $\mathcal{N}$ 11'53	0°36'48
inferior conj	-3125 Nov 01 j 16:52	15° $\mathcal{A}$ 32'09	1°28'20	minimum elong	-3124 Oct 15 j 22:25	29° $\mathcal{N}$ 14'49	0°36'27
minimum elong	-3125 Nov 01 j 14:56	15° $\mathcal{A}$ 38'45	1°27'33	min. Earth dist.	-3124 Oct 15 j 23:31	29° $\mathcal{N}$ 11'01	0.67446 AU
min. Earth dist.	-3125 Nov 02 j 03:40	14° $\mathcal{A}$ 55'09	0.67162 AU	morning rise	-3124 Oct 21 j 05:11	22° $\mathcal{N}$ 58'13	
morning rise	-3125 Nov 06 j 22:03	9° $\mathcal{A}$ 17'24		direct	-3124 Oct 25 j 20:33	21° $\mathcal{N}$ 03'52	
direct	-3125 Nov 12 j 04:29	7° $\mathcal{A}$ 01'14		morning max el	-3124 Nov 04 j 10:57	26° $\mathcal{N}$ 46'22	22°28'36
morning max el	-3125 Nov 22 j 23:38	13° $\mathcal{A}$ 27'34	23°55'09		-3124 Nov 07 j 10:04	0° $\mathcal{A}$	
	-3125 Dec 06 j 08:53	0° $\mathcal{M}$		desc. node	-3124 Nov 25 j 01:01	24° $\mathcal{A}$ 01'19	
desc. node	-3125 Dec 09 j 04:02	3° $\mathcal{M}$ 57'20			-3124 Nov 28 j 23:58	0° $\mathcal{M}$	
	-3125 Dec 25 j 22:36	0° $\mathcal{J}$		morning set	-3124 Dec 07 j 23:39	14° $\mathcal{M}$ 10'40	
morning set	-3125 Dec 28 j 12:17	4° $\mathcal{J}$ 20'51		max. Earth dist.	-3124 Dec 13 j 08:05	23° $\mathcal{M}$ 03'27	1.40647 AU
max. Earth dist.	-3124 Jan 01 j 10:49	11° $\mathcal{J}$ 12'58	1.38569 AU		-3124 Dec 17 j 08:59	0° $\mathcal{J}$	
superior conj	-3124 Jan 08 j 17:11	24° $\mathcal{J}$ 33'19	-1°52'05	superior conj	-3124 Dec 21 j 02:35	6° $\mathcal{J}$ 37'03	-1°56'22
minimum elong	-3124 Jan 08 j 19:18	24° $\mathcal{J}$ 43'24	1°52'07	minimum elong	-3124 Dec 21 j 02:05	6° $\mathcal{J}$ 34'51	1°56'27
	-3124 Jan 11 j 13:27	0° $\mathcal{Z}$		evening rise	-3124 Dec 31 j 03:09	25° $\mathcal{J}$ 11'00	
evening rise	-3124 Jan 17 j 15:38	11° $\mathcal{Z}$ 53'56			-3123 Jan 02 j 16:47	0° $\mathcal{Z}$	
asc. node	-3124 Jan 24 j 06:19	24° $\mathcal{Z}$ 25'17		asc. node	-3123 Jan 10 j 03:22	13° $\mathcal{Z}$ 04'09	
	-3124 Jan 27 j 13:33	0° $\approx$		evening max el	-3123 Jan 16 j 09:30	21° $\mathcal{Z}$ 13'47	18°19'30
evening max el	-3124 Feb 03 j 03:51	8° $\approx$ 30'58	18°50'59	retrograde	-3123 Jan 23 j 15:02	24° $\mathcal{Z}$ 49'16	
retrograde	-3124 Feb 11 j 09:08	12° $\approx$ 28'49		evening set	-3123 Jan 26 j 04:24	24° $\mathcal{Z}$ 23'28	
evening set	-3124 Feb 13 j 19:00	12° $\approx$ 09'43		inferior conj	-3123 Feb 02 j 07:59	19° $\mathcal{Z}$ 43'05	3°52'05
inferior conj	-3124 Feb 21 j 14:38	7° $\approx$ 50'01	3°14'16	minimum elong	-3123 Feb 02 j 09:58	19° $\mathcal{Z}$ 38'52	3°51'48
minimum elong	-3124 Feb 21 j 19:03	7° $\approx$ 41'59	3°13'17	min. Earth dist.	-3123 Feb 05 j 16:54	16° $\mathcal{Z}$ 52'37	0.59520 AU
min. Earth dist.	-3124 Feb 24 j 20:45	5° $\approx$ 28'47	0.57566 AU	morning rise	-3123 Feb 09 j 13:31	14° $\mathcal{Z}$ 10'46	
morning rise	-3124 Feb 29 j 16:28	2° $\approx$ 41'02		direct	-3123 Feb 16 j 00:39	12° $\mathcal{Z}$ 18'43	
direct	-3124 Mar 06 j 04:17	1° $\approx$ 28'11		desc. node	-3123 Feb 21 j 00:15	13° $\mathcal{Z}$ 21'36	
desc. node	-3124 Mar 06 j 03:08	1° $\approx$ 28'11		morning max el	-3123 Mar 02 j 06:48	19° $\mathcal{Z}$ 57'29	27°04'10
morning max el	-3124 Mar 20 j 10:49	8° $\approx$ 53'34	25°55'28		-3123 Mar 10 j 21:28	0° $\approx$	
	-3124 Apr 05 j 07:34	0° $\mathcal{H}$			-3123 Mar 28 j 23:21	0° $\mathcal{H}$	
morning set	-3124 Apr 17 j 10:43	22° $\mathcal{H}$ 58'07		morning set	-3123 Apr 01 j 20:29	7° $\mathcal{H}$ 51'33	
	-3124 Apr 20 j 17:45	0° $\Upsilon$		asc. node	-3123 Apr 08 j 02:48	21° $\mathcal{H}$ 17'57	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3123 Apr 08 j 22:34	23° $\text{H}$ 06'07	0°08'39	morning set	-3122 Mar 17 j 02:14	22° $\approx$ 30'30	
minimum elong	-3123 Apr 08 j 22:11	23° $\text{H}$ 04'01	0°08'33		-3122 Mar 20 j 16:13	0° $\text{H}$	
behind sun begin	-3123 Apr 08 j 17:57	22° $\text{H}$ 40'50		max. Earth dist.	-3122 Mar 23 j 02:53	5° $\text{H}$ 15'20	1.32677 AU
behind sun end	-3123 Apr 09 j 02:25	23° $\text{H}$ 27'12					
max. Earth dist.	-3123 Apr 08 j 15:17	22° $\text{H}$ 26'17	1.32515 AU	superior conj	-3122 Mar 24 j 09:26	8° $\text{H}$ 01'11	-0°16'44
	-3123 Apr 12 j 02:18	0° $\text{Y}$		minimum elong	-3122 Mar 24 j 10:11	8° $\text{H}$ 05'20	0°16'36
evening rise	-3123 Apr 15 j 21:38	8° $\text{Y}$ 08'38		asc. node	-3122 Mar 25 j 23:48	11° $\text{H}$ 30'18	
	-3123 Apr 27 j 08:39	0° $\text{B}$		evening rise	-3122 Mar 31 j 08:49	23° $\text{H}$ 05'29	
evening max el	-3123 May 14 j 11:20	22° $\text{B}$ 59'01	26°07'06		-3122 Apr 03 j 17:17	0° $\text{Y}$	
desc. node	-3123 May 19 j 23:06	27° $\text{B}$ 23'38			-3122 Apr 22 j 10:19	0° $\text{B}$	
	-3123 May 26 j 00:38	0° $\text{II}$		evening max el	-3122 Apr 26 j 04:53	4° $\text{B}$ 00'16	24°46'52
retrograde	-3123 May 28 j 13:21	0° $\text{II}$ 15'41		desc. node	-3122 May 06 j 20:12	10° $\text{B}$ 39'29	
	-3123 May 31 j 01:33	30° $\text{R}$ $\text{B}$		retrograde	-3122 May 10 j 04:58	11° $\text{B}$ 05'43	
evening set	-3123 Jun 03 j 16:18	28° $\text{B}$ 43'21		evening set	-3122 May 15 j 01:59	10° $\text{B}$ 11'33	
min. Earth dist.	-3123 Jun 08 j 00:05	26° $\text{B}$ 01'47	0.59109 AU	min. Earth dist.	-3122 May 20 j 16:59	7° $\text{B}$ 15'58	0.57198 AU
inferior conj	-3123 Jun 11 j 08:50	23° $\text{B}$ 28'46	-4°22'36	inferior conj	-3122 May 23 j 14:53	5° $\text{B}$ 20'58	-3°52'55
minimum elong	-3123 Jun 11 j 07:35	23° $\text{B}$ 31'09	4°22'28	minimum elong	-3122 May 23 j 09:56	5° $\text{B}$ 29'09	3°52'02
morning rise	-3123 Jun 19 j 01:23	19° $\text{B}$ 00'09		morning rise	-3122 May 31 j 20:55	1° $\text{B}$ 11'49	
direct	-3123 Jun 21 j 13:36	18° $\text{B}$ 38'37		direct	-3122 Jun 03 j 08:59	0° $\text{B}$ 53'58	
morning max el	-3123 Jun 29 j 09:35	22° $\text{B}$ 22'29	18°29'12	morning max el	-3122 Jun 12 j 10:45	5° $\text{B}$ 07'36	19°16'12
asc. node	-3123 Jul 05 j 02:13	29° $\text{B}$ 26'45		asc. node	-3122 Jun 21 j 23:15	18° $\text{B}$ 04'58	
	-3123 Jul 05 j 10:59	0° $\text{II}$			-3122 Jun 28 j 08:16	0° $\text{II}$	
morning set	-3123 Jul 15 j 13:39	18° $\text{II}$ 04'40		morning set	-3122 Jun 29 j 11:46	2° $\text{II}$ 15'52	
	-3123 Jul 21 j 18:59	0° $\text{B}$					
superior conj	-3123 Jul 24 j 15:33	5° $\text{B}$ 21'22	1°47'44	superior conj	-3122 Jul 07 j 18:11	18° $\text{II}$ 39'27	1°47'41
minimum elong	-3123 Jul 24 j 16:44	5° $\text{B}$ 26'51	1°47'49	minimum elong	-3122 Jul 07 j 17:17	18° $\text{II}$ 35'01	1°47'47
max. Earth dist.	-3123 Jul 31 j 23:17	18° $\text{B}$ 30'50	1.40030 AU	max. Earth dist.	-3122 Jul 13 j 18:00	0° $\text{B}$	
evening rise	-3123 Aug 05 j 08:26	25° $\text{B}$ 58'44		evening rise	-3122 Jul 14 j 01:06	0° $\text{B}$ 32'33	1.38071 AU
	-3123 Aug 07 j 18:51	0° $\text{Q}$			-3122 Jul 17 j 21:30	7° $\text{B}$ 27'10	
desc. node	-3123 Aug 15 j 22:19	12° $\text{Q}$ 51'44		desc. node	-3122 Jul 31 j 16:30	0° $\text{Q}$	
	-3123 Aug 27 j 18:31	0° $\text{np}$		evening max el	-3122 Aug 02 j 19:19	3° $\text{Q}$ 10'42	
evening max el	-3123 Sep 09 j 05:25	15° $\text{np}$ 07'09	23°37'07		-3122 Aug 22 j 16:37	28° $\text{Q}$ 37'57	24°55'50
retrograde	-3123 Sep 19 j 19:52	21° $\text{np}$ 23'01		retrograde	-3122 Aug 24 j 03:05	0° $\text{np}$	
evening set	-3123 Sep 24 j 22:05	19° $\text{np}$ 14'59		evening set	-3122 Sep 03 j 08:22	5° $\text{np}$ 24'59	
inferior conj	-3123 Sep 30 j 05:53	12° $\text{np}$ 55'26	-0°16'41		-3122 Sep 09 j 01:31	2° $\text{np}$ 58'51	
minimum elong	-3123 Sep 30 j 06:17	12° $\text{np}$ 54'05	0°16'30	min. Earth dist.	-3122 Sep 11 j 21:13	30° $\text{R}$ $\text{Q}$	
min. Earth dist.	-3123 Sep 29 j 19:57	13° $\text{np}$ 29'25	0.67427 AU	inferior conj	-3122 Sep 13 j 14:27	27° $\text{Q}$ 48'23	0.67104 AU
asc. node	-3123 Oct 01 j 01:19	11° $\text{np}$ 49'19		minimum elong	-3122 Sep 14 j 10:59	26° $\text{Q}$ 40'27	-1°10'35
morning rise	-3123 Oct 05 j 14:24	6° $\text{np}$ 45'37		asc. node	-3122 Sep 14 j 12:40	26° $\text{Q}$ 34'53	1°09'50
direct	-3123 Oct 09 j 16:05	5° $\text{np}$ 12'29		morning rise	-3122 Sep 17 j 22:24	22° $\text{Q}$ 25'38	
morning max el	-3123 Oct 18 j 03:50	10° $\text{np}$ 12'09	21°07'37	direct	-3122 Sep 19 j 23:50	20° $\text{Q}$ 37'37	
	-3123 Nov 02 j 07:32	0° $\text{Q}$		morning max el	-3122 Sep 23 j 13:50	19° $\text{Q}$ 23'20	
desc. node	-3123 Nov 11 j 21:59	14° $\text{Q}$ 22'11			-3122 Oct 01 j 03:55	23° $\text{Q}$ 46'29	19°57'41
morning set	-3123 Nov 17 j 08:16	22° $\text{Q}$ 46'32			-3122 Oct 06 j 09:30	0° $\text{np}$	
	-3123 Nov 21 j 21:44	0° $\text{ml}$		morning set	-3122 Oct 26 j 15:02	0° $\text{Q}$	
max. Earth dist.	-3123 Nov 25 j 11:25	5° $\text{ml}$ 46'18	1.42530 AU	desc. node	-3122 Oct 27 j 05:55	0° $\text{Q}$ 57'38	
				max. Earth dist.	-3122 Oct 29 j 18:55	4° $\text{Q}$ 54'25	
					-3122 Nov 07 j 22:17	19° $\text{Q}$ 17'51	1.43963 AU
superior conj	-3123 Dec 02 j 13:00	17° $\text{ml}$ 33'04	-1°47'33	superior conj	-3122 Nov 12 j 20:11	27° $\text{Q}$ 12'08	-1°22'10
minimum elong	-3123 Dec 02 j 08:37	17° $\text{ml}$ 14'24	1°47'22	minimum elong	-3122 Nov 12 j 12:56	26° $\text{Q}$ 42'47	1°21'30
	-3123 Dec 09 j 16:44	0° $\text{X}$			-3122 Nov 14 j 13:22	0° $\text{ml}$	
evening rise	-3123 Dec 14 j 01:04	7° $\text{X}$ 46'27		evening rise	-3122 Nov 26 j 04:56	19° $\text{ml}$ 30'59	
	-3123 Dec 27 j 06:01	0° $\text{B}$			-3122 Dec 02 j 08:19	0° $\text{X}$	
asc. node	-3123 Dec 28 j 00:25	1° $\text{B}$ 01'41		evening max el	-3122 Dec 14 j 08:40	17° $\text{X}$ 33'45	18°15'36
evening max el	-3123 Dec 30 j 20:05	4° $\text{B}$ 17'25	18°07'57	asc. node	-3122 Dec 14 j 21:28	18° $\text{X}$ 05'09	
retrograde	-3122 Jan 06 j 12:33	7° $\text{B}$ 44'44		retrograde	-3122 Dec 20 j 21:22	21° $\text{X}$ 04'59	
evening set	-3122 Jan 09 j 05:16	7° $\text{B}$ 11'03		evening set	-3122 Dec 23 j 17:57	20° $\text{X}$ 22'17	
inferior conj	-3122 Jan 15 j 19:47	2° $\text{B}$ 09'23	4°00'10	inferior conj	-3122 Dec 29 j 22:13	15° $\text{X}$ 00'26	3°47'00
minimum elong	-3122 Jan 15 j 19:12	2° $\text{B}$ 10'47	4°00'02	minimum elong	-3122 Dec 29 j 19:57	15° $\text{X}$ 06'40	3°46'35
	-3122 Jan 18 j 00:47	30° $\text{R}$ $\text{X}$		min. Earth dist.	-3121 Jan 01 j 08:46	12° $\text{X}$ 20'50	0.63388 AU
min. Earth dist.	-3122 Jan 18 j 20:15	29° $\text{X}$ 13'55	0.61546 AU	morning rise	-3121 Jan 04 j 21:16	9° $\text{X}$ 02'08	
morning rise	-3122 Jan 22 j 07:54	26° $\text{X}$ 21'38		direct	-3121 Jan 11 j 22:13	6° $\text{X}$ 15'42	
direct	-3122 Jan 29 j 07:27	23° $\text{X}$ 55'30		morning max el	-3121 Jan 25 j 15:52	14° $\text{X}$ 01'12	27°38'43
desc. node	-3122 Feb 07 j 21:20	27° $\text{X}$ 47'00		desc. node	-3121 Jan 25 j 18:22	14° $\text{X}$ 07'25	
	-3122 Feb 10 j 14:05	0° $\text{B}$					
morning max el	-3122 Feb 12 j 08:54	1° $\text{B}$ 40'29	27°39'36		-3121 Feb 07 j 15:34	0° $\text{B}$	
	-3122 Mar 05 j 02:11	0° $\approx$			-3121 Feb 25 j 14:24	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3121 Mar 01 j 01:39	6° $\approx$ 46'39				-3120 Feb 17 j 10:23	0° $\approx$	
max. Earth dist.	-3121 Mar 06 j 09:03	17° $\approx$ 42'44	1.33217 AU	max. Earth dist.		-3120 Feb 17 j 06:04	29° $\approx$ 38'01	1.34177 AU
superior conj	-3121 Mar 08 j 17:42	22° $\approx$ 44'35	-0°42'05	superior conj		-3120 Feb 20 j 21:24	7° $\approx$ 09'26	-1°06'21
minimum elong	-3121 Mar 08 j 19:35	22° $\approx$ 54'44	0°41'46	minimum elong		-3120 Feb 21 j 00:13	7° $\approx$ 24'13	1°05'57
	-3121 Mar 12 j 02:33	0° $\approx$		asc. node		-3120 Feb 27 j 17:52	21° $\approx$ 37'12	
asc. node	-3121 Mar 12 j 20:49	1° $\approx$ 38'18		evening rise		-3120 Feb 28 j 06:46	22° $\approx$ 44'35	
evening rise	-3121 Mar 15 j 20:27	7° $\approx$ 59'42				-3120 Mar 02 j 20:17	0° $\approx$	
	-3121 Mar 27 j 12:13	0° $\approx$		evening max el		-3120 Mar 19 j 16:58	25° $\approx$ 31'17	21°41'18
evening max el	-3121 Apr 07 j 20:45	14° $\approx$ 42'17	23°13'36			-3120 Mar 25 j 21:49	0° $\approx$	
retrograde	-3121 Apr 21 j 07:34	21° $\approx$ 21'34		retrograde		-3120 Mar 31 j 23:26	1° $\approx$ 27'25	
desc. node	-3121 Apr 23 j 17:18	21° $\approx$ 08'47		evening set		-3120 Apr 03 j 13:45	1° $\approx$ 12'15	
evening set	-3121 Apr 24 j 20:21	20° $\approx$ 54'16				-3120 Apr 07 j 09:53	30° $\approx$	
min. Earth dist.	-3121 May 02 j 07:16	17° $\approx$ 33'09	0.55775 AU	desc. node		-3120 Apr 09 j 14:24	28° $\approx$ 58'26	
inferior conj	-3121 May 04 j 01:23	16° $\approx$ 31'23	-2°42'22	inferior conj		-3120 Apr 12 j 22:25	27° $\approx$ 09'33	-0°55'43
minimum elong	-3121 May 03 j 19:16	16° $\approx$ 40'22	2°40'37	minimum elong		-3120 Apr 12 j 19:50	27° $\approx$ 13'12	0°54'49
morning rise	-3121 May 12 j 20:42	12° $\approx$ 34'03		min. Earth dist.		-3120 Apr 12 j 20:52	27° $\approx$ 11'44	0.55139 AU
direct	-3121 May 15 j 10:10	12° $\approx$ 18'05		morning rise		-3120 Apr 22 j 02:37	23° $\approx$ 09'17	
morning max el	-3121 May 26 j 01:57	17° $\approx$ 15'23	20°23'34	direct		-3120 Apr 24 j 23:03	22° $\approx$ 51'21	
	-3121 Jun 04 j 18:30	0° $\approx$		morning max el		-3120 May 07 j 06:16	28° $\approx$ 41'05	21°49'09
asc. node	-3121 Jun 08 j 20:17	7° $\approx$ 16'18				-3120 May 08 j 14:23	0° $\approx$	
morning set	-3121 Jun 13 j 16:34	16° $\approx$ 50'05		asc. node		-3120 May 25 j 17:19	26° $\approx$ 51'46	
	-3121 Jun 20 j 02:29	0° $\approx$				-3120 May 27 j 06:22	0° $\approx$	
				morning set		-3120 May 28 j 01:41	1° $\approx$ 39'41	
superior conj	-3121 Jun 21 j 09:34	2° $\approx$ 37'57	1°39'44	superior conj		-3120 Jun 04 j 09:45	17° $\approx$ 04'37	1°25'55
minimum elong	-3121 Jun 21 j 07:24	2° $\approx$ 27'01	1°39'40	minimum elong		-3120 Jun 04 j 07:08	16° $\approx$ 50'52	1°25'39
max. Earth dist.	-3121 Jun 26 j 07:08	12° $\approx$ 20'35	1.36282 AU	max. Earth dist.		-3120 Jun 07 j 21:45	24° $\approx$ 17'57	1.34808 AU
evening rise	-3121 Jun 30 j 08:52	20° $\approx$ 02'37				-3120 Jun 10 j 18:06	0° $\approx$	
	-3121 Jul 05 j 22:44	0° $\approx$		evening rise		-3120 Jun 12 j 13:08	3° $\approx$ 29'34	
desc. node	-3121 Jul 20 j 16:22	23° $\approx$ 10'40				-3120 Jun 27 j 18:59	0° $\approx$	
	-3121 Jul 25 j 15:56	0° $\approx$		desc. node		-3120 Jul 06 j 13:25	12° $\approx$ 42'21	
evening max el	-3121 Aug 05 j 03:43	12° $\approx$ 11'09	26°04'53	evening max el		-3120 Jul 17 j 15:10	25° $\approx$ 38'58	26°56'21
retrograde	-3121 Aug 17 j 16:08	19° $\approx$ 19'17				-3120 Jul 22 j 20:13	0° $\approx$	
evening set	-3121 Aug 23 j 23:54	16° $\approx$ 38'44		retrograde		-3120 Jul 30 j 18:48	2° $\approx$ 58'32	
min. Earth dist.	-3121 Aug 28 j 04:37	12° $\approx$ 05'48	0.66452 AU	evening set		-3120 Aug 06 j 14:49	0° $\approx$ 10'49	
inferior conj	-3121 Aug 29 j 12:48	10° $\approx$ 24'55	-2°03'07			-3120 Aug 06 j 19:59	30° $\approx$	
minimum elong	-3121 Aug 29 j 15:39	10° $\approx$ 15'56	2°01'58	min. Earth dist.		-3120 Aug 10 j 12:00	26° $\approx$ 16'10	0.65433 AU
morning rise	-3121 Sep 04 j 07:36	4° $\approx$ 32'22		inferior conj		-3120 Aug 12 j 09:13	24° $\approx$ 04'39	-2°52'20
asc. node	-3121 Sep 04 j 19:28	4° $\approx$ 15'40		minimum elong		-3120 Aug 12 j 12:57	23° $\approx$ 53'47	2°51'04
direct	-3121 Sep 07 j 12:09	3° $\approx$ 33'52		morning rise		-3120 Aug 18 j 11:31	18° $\approx$ 25'41	
morning max el	-3121 Sep 14 j 10:58	7° $\approx$ 29'12	19°02'08	direct		-3120 Aug 21 j 08:53	17° $\approx$ 39'43	
	-3121 Sep 30 j 09:50	0° $\approx$		asc. node		-3120 Aug 21 j 16:33	17° $\approx$ 40'17	
morning set	-3121 Oct 06 j 16:37	9° $\approx$ 53'13		morning max el		-3120 Aug 27 j 23:10	21° $\approx$ 16'18	18°22'42
desc. node	-3121 Oct 16 j 15:54	25° $\approx$ 34'29				-3120 Sep 03 j 17:01	0° $\approx$	
	-3121 Oct 19 j 11:24	0° $\approx$		morning set		-3120 Sep 16 j 05:42	20° $\approx$ 06'50	
max. Earth dist.	-3121 Oct 21 j 14:51	3° $\approx$ 22'41	1.44756 AU			-3120 Sep 22 j 07:32	0° $\approx$	
superior conj	-3121 Oct 23 j 03:25	5° $\approx$ 47'02	-0°40'37	superior conj		-3120 Oct 01 j 03:28	14° $\approx$ 06'36	0°08'55
minimum elong	-3121 Oct 22 j 22:18	5° $\approx$ 26'49	0°39'59	minimum elong		-3120 Oct 01 j 04:37	14° $\approx$ 11'09	0°08'48
evening rise	-3121 Nov 07 j 10:25	0° $\approx$ 17'08		behind sun begin		-3120 Sep 30 j 19:06	13° $\approx$ 33'30	
	-3121 Nov 07 j 06:12	0° $\approx$		behind sun end		-3120 Oct 01 j 14:08	14° $\approx$ 48'47	
	-3121 Nov 26 j 23:19	0° $\approx$		desc. node		-3120 Oct 02 j 12:54	16° $\approx$ 18'46	
evening max el	-3121 Nov 27 j 20:35	0° $\approx$ 57'10	18°41'27	max. Earth dist.		-3120 Oct 03 j 09:23	17° $\approx$ 39'33	1.44815 AU
asc. node	-3121 Dec 01 j 18:32	4° $\approx$ 00'17				-3120 Oct 11 j 05:54	0° $\approx$	
retrograde	-3121 Dec 04 j 13:31	4° $\approx$ 42'43		evening rise		-3120 Oct 17 j 15:20	10° $\approx$ 01'15	
evening set	-3121 Dec 07 j 15:11	3° $\approx$ 49'30		greatest brilliancy		-3120 Oct 28 j 07:44	26° $\approx$ 40'57	-0.8m
	-3121 Dec 11 j 22:08	30° $\approx$				-3120 Oct 30 j 11:55	0° $\approx$	
inferior conj	-3121 Dec 13 j 11:38	28° $\approx$ 09'47	3°19'12	evening max el		-3120 Nov 10 j 05:25	14° $\approx$ 23'39	19°24'16
minimum elong	-3121 Dec 13 j 08:37	28° $\approx$ 18'51	3°18'26	retrograde		-3120 Nov 17 j 09:40	18° $\approx$ 32'30	
min. Earth dist.	-3121 Dec 15 j 07:10	25° $\approx$ 59'14	0.64904 AU	asc. node		-3120 Nov 17 j 15:36	18° $\approx$ 32'09	
morning rise	-3121 Dec 19 j 01:42	22° $\approx$ 03'45		evening set		-3120 Nov 20 j 18:10	17° $\approx$ 26'47	
direct	-3121 Dec 25 j 19:39	19° $\approx$ 12'17		inferior conj		-3120 Nov 26 j 08:53	11° $\approx$ 32'19	2°41'21
morning max el	-3120 Jan 08 j 01:19	26° $\approx$ 51'01	27°04'17	minimum elong		-3120 Nov 26 j 05:53	11° $\approx$ 41'57	2°40'23
	-3120 Jan 11 j 00:47	0° $\approx$		min. Earth dist.		-3120 Nov 27 j 14:31	9° $\approx$ 56'57	0.66051 AU
desc. node	-3120 Jan 12 j 15:24	1° $\approx$ 50'31		morning rise		-3120 Dec 01 j 17:21	5° $\approx$ 20'50	
	-3120 Feb 01 j 06:04	0° $\approx$		direct		-3120 Dec 07 j 23:10	2° $\approx$ 36'52	
morning set	-3120 Feb 12 j 15:37	20° $\approx$ 29'50						

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3120 Dec 20 j 10:57	9° $\mathbb{M}$ 58'09	26°03'11			-3119 Dec 08 j 20:47	0° $\mathbb{M}$	
desc. node	-3120 Dec 29 j 12:27	20° $\mathbb{M}$ 32'12		desc. node		-3119 Dec 16 j 09:28	9° $\mathbb{M}$ 54'34	
	-3119 Jan 05 j 09:06	0° $\mathbb{X}$				-3119 Dec 29 j 18:02	0° $\mathbb{X}$	
	-3119 Jan 23 j 18:41	0° $\mathbb{Z}$		morning set		-3118 Jan 07 j 21:19	15° $\mathbb{X}$ 24'02	
morning set	-3119 Jan 25 j 16:02	3° $\mathbb{Z}$ 27'51		max. Earth dist.		-3118 Jan 11 j 14:25	22° $\mathbb{X}$ 04'28	1.37395 AU
max. Earth dist.	-3119 Jan 29 j 15:31	11° $\mathbb{Z}$ 00'13	1.35582 AU			-3118 Jan 15 j 20:08	0° $\mathbb{Z}$	
superior conj	-3119 Feb 03 j 18:05	21° $\mathbb{Z}$ 08'26	-1°28'04	superior conj		-3118 Jan 18 j 04:31	4° $\mathbb{Z}$ 31'42	-1°45'16
minimum elong	-3119 Feb 03 j 21:22	21° $\mathbb{Z}$ 25'08	1°27'44	minimum elong		-3118 Jan 18 j 07:25	4° $\mathbb{Z}$ 45'52	1°45'09
	-3119 Feb 08 j 01:41	0° $\approx$		evening rise		-3118 Jan 26 j 15:31	21° $\mathbb{Z}$ 20'19	
evening rise	-3119 Feb 11 j 13:53	7° $\approx$ 13'56		asc. node		-3118 Jan 31 j 11:56	0° $\approx$ 47'11	
asc. node	-3119 Feb 13 j 14:54	11° $\approx$ 22'18				-3118 Jan 31 j 01:55	0° $\approx$	
	-3119 Feb 24 j 05:13	0° $\mathbb{H}$		evening max el		-3118 Feb 12 j 15:00	18° $\approx$ 44'35	19°18'11
evening max el	-3119 Mar 01 j 22:37	6° $\mathbb{H}$ 49'44	20°20'55	retrograde		-3118 Feb 21 j 15:10	23° $\approx$ 02'14	
retrograde	-3119 Mar 12 j 14:04	11° $\mathbb{H}$ 53'55		evening set		-3118 Feb 23 j 22:51	22° $\approx$ 46'24	
evening set	-3119 Mar 14 j 20:20	11° $\mathbb{H}$ 41'09		inferior conj		-3118 Mar 04 j 04:46	18° $\approx$ 37'25	2°35'56
inferior conj	-3119 Mar 23 j 19:08	7° $\mathbb{H}$ 42'36	1°00'54	minimum elong		-3118 Mar 04 j 09:39	18° $\approx$ 29'15	2°34'35
minimum elong	-3119 Mar 23 j 21:47	7° $\mathbb{H}$ 38'41	0°59'58	min. Earth dist.		-3118 Mar 07 j 02:10	16° $\approx$ 42'10	0.56607 AU
min. Earth dist.	-3119 Mar 25 j 11:01	6° $\mathbb{H}$ 43'45	0.55439 AU	morning rise		-3118 Mar 12 j 17:41	13° $\approx$ 44'51	
desc. node	-3119 Mar 27 j 11:29	5° $\mathbb{H}$ 35'22		desc. node		-3118 Mar 14 j 08:35	13° $\approx$ 15'16	
morning rise	-3119 Apr 01 j 21:38	3° $\mathbb{H}$ 20'47		direct		-3118 Mar 17 j 12:52	12° $\approx$ 51'42	
direct	-3119 Apr 05 j 12:24	2° $\mathbb{H}$ 52'16		morning max el		-3118 Mar 31 j 16:34	20° $\approx$ 05'37	25°04'35
morning max el	-3119 Apr 19 j 01:36	9° $\mathbb{H}$ 31'36	23°26'37			-3118 Apr 09 j 02:50	0° $\mathbb{H}$	
	-3119 May 04 j 00:09	0° $\mathbb{Y}$				-3118 Apr 26 j 06:12	0° $\mathbb{Y}$	
morning set	-3119 May 12 j 13:12	16° $\mathbb{Y}$ 38'31		morning set		-3118 Apr 27 j 01:22	1° $\mathbb{Y}$ 40'15	
asc. node	-3119 May 12 j 14:23	16° $\mathbb{Y}$ 44'45		asc. node		-3118 Apr 29 j 11:26	6° $\mathbb{Y}$ 49'11	
	-3119 May 18 j 19:17	0° $\mathbb{B}$						
superior conj	-3119 May 19 j 15:53	1° $\mathbb{B}$ 50'26	1°07'45	superior conj		-3118 May 04 j 01:39	16° $\mathbb{Y}$ 47'22	0°46'26
minimum elong	-3119 May 19 j 13:23	1° $\mathbb{B}$ 37'06	1°07'24	minimum elong		-3118 May 03 j 23:44	16° $\mathbb{Y}$ 37'02	0°46'05
max. Earth dist.	-3119 May 21 j 22:01	6° $\mathbb{B}$ 38'20	1.33706 AU	max. Earth dist.		-3118 May 05 j 06:01	19° $\mathbb{Y}$ 21'19	1.32971 AU
evening rise	-3119 May 27 j 05:39	17° $\mathbb{B}$ 34'40		evening rise		-3118 May 10 j 06:13	0° $\mathbb{B}$	
	-3119 Jun 02 j 18:06	0° $\mathbb{I}$				-3118 May 26 j 15:34	0° $\mathbb{I}$	
	-3119 Jun 22 j 04:13	0° $\mathbb{E}$		desc. node		-3118 Jun 10 j 07:31	19° $\mathbb{I}$ 28'24	
desc. node	-3119 Jun 23 j 10:28	1° $\mathbb{E}$ 33'51		evening max el		-3118 Jun 12 j 10:16	21° $\mathbb{I}$ 35'50	27°19'08
evening max el	-3119 Jun 30 j 02:00	8° $\mathbb{E}$ 51'04	27°22'57	retrograde		-3118 Jun 26 j 07:01	28° $\mathbb{I}$ 58'08	
retrograde	-3119 Jul 13 j 16:01	16° $\mathbb{E}$ 14'30		evening set		-3118 Jul 03 j 09:35	26° $\mathbb{I}$ 32'42	
evening set	-3119 Jul 20 j 19:17	13° $\mathbb{E}$ 30'52		min. Earth dist.		-3118 Jul 06 j 23:43	23° $\mathbb{I}$ 39'35	0.62282 AU
min. Earth dist.	-3119 Jul 24 j 10:44	10° $\mathbb{E}$ 11'20	0.64033 AU	inferior conj		-3118 Jul 09 j 23:35	20° $\mathbb{I}$ 50'15	-4°08'15
inferior conj	-3119 Jul 26 j 21:47	7° $\mathbb{E}$ 35'08	-3°35'26	minimum elong		-3118 Jul 10 j 02:43	20° $\mathbb{I}$ 42'51	4°07'43
minimum elong	-3119 Jul 27 j 01:46	7° $\mathbb{E}$ 24'36	3°34'23	morning rise		-3118 Jul 16 j 21:09	15° $\mathbb{I}$ 47'12	
morning rise	-3119 Aug 02 j 09:03	2° $\mathbb{E}$ 12'46		direct		-3118 Jul 19 j 10:46	15° $\mathbb{I}$ 17'47	
direct	-3119 Aug 05 j 01:28	1° $\mathbb{E}$ 36'21		morning max el		-3118 Jul 26 j 04:41	18° $\mathbb{I}$ 42'52	17°56'19
asc. node	-3119 Aug 08 j 13:39	2° $\mathbb{E}$ 38'30		asc. node		-3118 Jul 26 j 10:45	18° $\mathbb{I}$ 57'56	
morning max el	-3119 Aug 11 j 13:59	5° $\mathbb{E}$ 02'49	18°00'25			-3118 Aug 03 j 09:33	0° $\mathbb{E}$	
	-3119 Aug 27 j 22:55	0° $\mathbb{O}$		morning set		-3118 Aug 11 j 10:44	14° $\mathbb{E}$ 08'36	
morning set	-3119 Aug 28 j 21:24	1° $\mathbb{O}$ 36'28				-3118 Aug 20 j 09:19	0° $\mathbb{O}$	
superior conj	-3119 Sep 10 j 18:33	23° $\mathbb{O}$ 13'24	0°53'41	superior conj		-3118 Aug 22 j 12:28	3° $\mathbb{O}$ 40'08	1°25'31
minimum elong	-3119 Sep 10 j 23:51	23° $\mathbb{O}$ 35'00	0°53'05	minimum elong		-3118 Aug 22 j 17:32	4° $\mathbb{O}$ 01'47	1°25'08
	-3119 Sep 14 j 23:11	0° $\mathbb{P}$		max. Earth dist.		-3118 Aug 29 j 14:50	15° $\mathbb{O}$ 31'48	1.42877 AU
max. Earth dist.	-3119 Sep 16 j 02:12	1° $\mathbb{P}$ 47'58	1.44156 AU	evening rise		-3118 Sep 06 j 06:11	27° $\mathbb{O}$ 44'14	
desc. node	-3119 Sep 19 j 09:53	7° $\mathbb{P}$ 03'50		desc. node		-3118 Sep 06 j 06:52	27° $\mathbb{O}$ 46'52	
evening rise	-3119 Sep 27 j 00:33	18° $\mathbb{P}$ 55'54				-3118 Sep 07 j 17:01	0° $\mathbb{P}$	
	-3119 Oct 04 j 06:01	0° $\mathbb{A}$				-3118 Sep 28 j 01:51	0° $\mathbb{A}$	
evening max el	-3119 Oct 24 j 09:12	27° $\mathbb{A}$ 50'09	20°22'14	evening max el		-3118 Oct 07 j 07:01	11° $\mathbb{A}$ 16'30	21°32'27
	-3119 Oct 26 j 17:04	0° $\mathbb{M}$		retrograde		-3118 Oct 16 j 03:38	16° $\mathbb{A}$ 32'06	
retrograde	-3119 Nov 01 j 07:04	2° $\mathbb{M}$ 29'41		evening set		-3118 Oct 20 j 08:24	14° $\mathbb{A}$ 54'15	
asc. node	-3119 Nov 04 j 12:41	1° $\mathbb{M}$ 29'13		asc. node		-3118 Oct 22 j 09:46	12° $\mathbb{A}$ 55'25	
evening set	-3119 Nov 05 j 00:34	1° $\mathbb{M}$ 09'09		inferior conj		-3118 Oct 25 j 16:48	8° $\mathbb{A}$ 40'31	1°06'52
	-3119 Nov 06 j 09:14	30° $\mathbb{R}$ $\mathbb{A}$		minimum elong		-3118 Oct 25 j 15:18	8° $\mathbb{A}$ 45'40	1°06'14
inferior conj	-3119 Nov 10 j 11:18	25° $\mathbb{A}$ 03'18	1°56'29	min. Earth dist.		-3118 Oct 25 j 23:07	8° $\mathbb{A}$ 18'43	0.67317 AU
minimum elong	-3119 Nov 10 j 08:53	25° $\mathbb{A}$ 11'29	1°55'33	morning rise		-3118 Oct 30 j 22:02	2° $\mathbb{A}$ 25'44	
min. Earth dist.	-3119 Nov 11 j 04:39	24° $\mathbb{A}$ 04'54	0.66846 AU	direct		-3118 Nov 04 j 22:01	0° $\mathbb{A}$ 18'27	
morning rise	-3119 Nov 15 j 17:00	18° $\mathbb{A}$ 48'49		morning max el		-3118 Nov 15 j 04:52	6° $\mathbb{A}$ 26'43	23°18'05
direct	-3119 Nov 21 j 08:12	16° $\mathbb{A}$ 20'53		desc. node		-3118 Dec 03 j 06:29	29° $\mathbb{A}$ 46'03	
morning max el	-3119 Dec 02 j 19:39	23° $\mathbb{A}$ 11'12	24°44'28			-3118 Dec 03 j 10:18	0° $\mathbb{M}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3118 Dec 20 j 01:16	26° $\mathbb{M}$ 02'25		min. Earth dist.	-3117 Oct 09 j 19:26	22° $\mathbb{M}$ 35'34	0.67478 AU
	-3118 Dec 22 j 09:28	0° $\mathbb{X}$		morning rise	-3117 Oct 15 j 06:17	16° $\mathbb{M}$ 09'22	
max. Earth dist.	-3118 Dec 24 j 09:40	3° $\mathbb{X}$ 27'36	1.39458 AU	direct	-3117 Oct 19 j 15:44	14° $\mathbb{M}$ 24'03	
				morning max el	-3117 Oct 28 j 18:04	19° $\mathbb{M}$ 47'15	21°53'05
superior conj	-3117 Jan 01 j 00:33	17° $\mathbb{X}$ 08'33	-1°55'16		-3117 Nov 06 j 05:46	0° $\mathbb{L}$	
minimum elong	-3117 Jan 01 j 01:46	17° $\mathbb{X}$ 14'12	1°55'20	desc. node	-3117 Nov 20 j 03:28	19° $\mathbb{L}$ 57'53	
	-3117 Jan 07 j 19:23	0° $\mathbb{Z}$			-3117 Nov 26 j 16:08	0° $\mathbb{M}$	
evening rise	-3117 Jan 10 j 09:04	4° $\mathbb{Z}$ 57'20		morning set	-3117 Nov 30 j 00:16	5° $\mathbb{M}$ 16'46	
asc. node	-3117 Jan 18 j 08:57	19° $\mathbb{Z}$ 45'11		max. Earth dist.	-3117 Dec 06 j 09:21	15° $\mathbb{M}$ 40'38	1.41491 AU
	-3117 Jan 25 j 12:32	0° $\mathbb{X}$					
evening max el	-3117 Jan 26 j 16:37	1° $\mathbb{X}$ 12'27	18°35'09	superior conj	-3117 Dec 14 j 00:52	28° $\mathbb{M}$ 45'15	-1°54'29
retrograde	-3117 Feb 03 j 10:12	4° $\mathbb{X}$ 58'25		minimum elong	-3117 Dec 13 j 22:48	28° $\mathbb{M}$ 36'12	1°54'30
evening set	-3117 Feb 05 j 21:44	4° $\mathbb{X}$ 36'32			-3117 Dec 14 j 17:51	0° $\mathbb{X}$	
inferior conj	-3117 Feb 13 j 10:15	0° $\mathbb{X}$ 08'32	3°34'27	evening rise	-3117 Dec 24 j 15:14	17° $\mathbb{X}$ 57'35	
minimum elong	-3117 Feb 13 j 13:46	0° $\mathbb{X}$ 01'41	3°33'49		-3117 Dec 31 j 06:16	0° $\mathbb{Z}$	
	-3117 Feb 13 j 14:37	30° $\mathbb{R}$ $\mathbb{Z}$		asc. node	-3116 Jan 05 j 05:58	8° $\mathbb{Z}$ 07'48	
min. Earth dist.	-3117 Feb 16 j 19:31	27° $\mathbb{Z}$ 31'54	0.58378 AU	evening max el	-3116 Jan 10 j 00:45	14° $\mathbb{Z}$ 05'26	18°12'13
morning rise	-3117 Feb 21 j 03:22	24° $\mathbb{Z}$ 48'47		retrograde	-3116 Jan 16 j 23:20	17° $\mathbb{Z}$ 35'40	
direct	-3117 Feb 27 j 02:32	23° $\mathbb{Z}$ 19'06		evening set	-3116 Jan 19 j 14:15	17° $\mathbb{Z}$ 06'29	
desc. node	-3117 Mar 01 j 05:41	23° $\mathbb{Z}$ 30'27		inferior conj	-3116 Jan 26 j 11:51	12° $\mathbb{Z}$ 16'45	3°58'38
	-3117 Mar 12 j 11:38	0° $\mathbb{X}$		minimum elong	-3116 Jan 26 j 12:41	12° $\mathbb{Z}$ 14'52	3°58'29
morning max el	-3117 Mar 13 j 09:11	0° $\mathbb{X}$ 51'02	26°28'06	min. Earth dist.	-3116 Jan 29 j 18:05	9° $\mathbb{Z}$ 21'35	0.60392 AU
	-3117 Apr 03 j 00:37	0° $\mathbb{X}$		morning rise	-3116 Feb 02 j 09:31	6° $\mathbb{Z}$ 37'21	
morning set	-3117 Apr 11 j 12:31	16° $\mathbb{X}$ 38'38		direct	-3116 Feb 09 j 03:26	4° $\mathbb{Z}$ 29'49	
asc. node	-3117 Apr 16 j 08:26	27° $\mathbb{X}$ 00'09		desc. node	-3116 Feb 16 j 02:45	6° $\mathbb{Z}$ 32'58	
	-3117 Apr 17 j 17:20	0° $\mathbb{Y}$		morning max el	-3116 Feb 23 j 07:41	12° $\mathbb{Z}$ 10'56	27°23'42
					-3116 Mar 08 j 09:24	0° $\mathbb{X}$	
superior conj	-3117 Apr 18 j 13:09	1° $\mathbb{Y}$ 48'29	0°22'53		-3116 Mar 25 j 03:52	0° $\mathbb{X}$	
minimum elong	-3117 Apr 18 j 12:09	1° $\mathbb{Y}$ 43'01	0°22'41	morning set	-3116 Mar 25 j 20:52	1° $\mathbb{X}$ 27'32	
max. Earth dist.	-3117 Apr 18 j 18:31	2° $\mathbb{Y}$ 17'55	1.32588 AU	max. Earth dist.	-3116 Apr 01 j 07:49	15° $\mathbb{X}$ 15'33	1.32547 AU
evening rise	-3117 Apr 25 j 13:26	16° $\mathbb{Y}$ 54'00					
	-3117 May 02 j 04:00	0° $\mathbb{X}$		superior conj	-3116 Apr 02 j 00:45	16° $\mathbb{X}$ 48'05	-0°02'04
	-3117 May 22 j 00:17	0° $\mathbb{I}$		minimum elong	-3116 Apr 02 j 00:50	16° $\mathbb{X}$ 48'34	0°02'04
evening max el	-3117 May 25 j 13:32	3° $\mathbb{I}$ 41'50	26°42'20	behind sun begin	-3116 Apr 01 j 19:51	16° $\mathbb{X}$ 21'16	
desc. node	-3117 May 28 j 04:36	6° $\mathbb{I}$ 01'32		behind sun end	-3116 Apr 02 j 05:50	17° $\mathbb{X}$ 15'53	
retrograde	-3117 Jun 08 j 14:13	11° $\mathbb{I}$ 00'26		asc. node	-3116 Apr 02 j 05:26	17° $\mathbb{X}$ 13'46	
evening set	-3117 Jun 15 j 05:21	9° $\mathbb{I}$ 06'28			-3116 Apr 08 j 02:43	0° $\mathbb{Y}$	
min. Earth dist.	-3117 Jun 19 j 02:59	6° $\mathbb{I}$ 25'35	0.60290 AU	evening rise	-3116 Apr 08 j 23:36	1° $\mathbb{Y}$ 50'26	
inferior conj	-3117 Jun 22 j 11:04	3° $\mathbb{I}$ 40'45	-4°24'24		-3116 Apr 24 j 08:46	0° $\mathbb{X}$	
minimum elong	-3117 Jun 22 j 11:50	3° $\mathbb{I}$ 39'10	4°24'18	evening max el	-3116 May 06 j 10:16	15° $\mathbb{X}$ 04'55	25°35'25
	-3117 Jun 27 j 12:45	30° $\mathbb{R}$ $\mathbb{X}$		desc. node	-3116 May 14 j 01:40	20° $\mathbb{X}$ 40'58	
morning rise	-3117 Jun 29 j 20:16	28° $\mathbb{X}$ 59'07		retrograde	-3116 May 20 j 11:54	22° $\mathbb{X}$ 17'19	
direct	-3117 Jul 02 j 08:47	28° $\mathbb{X}$ 34'56		evening set	-3116 May 26 j 03:24	21° $\mathbb{X}$ 01'46	
	-3117 Jul 06 j 23:19	0° $\mathbb{I}$		min. Earth dist.	-3116 May 30 j 22:29	18° $\mathbb{X}$ 16'10	0.58268 AU
morning max el	-3117 Jul 09 j 16:23	2° $\mathbb{I}$ 08'30	18°11'25	inferior conj	-3116 Jun 03 j 04:38	15° $\mathbb{X}$ 57'06	-4°14'37
asc. node	-3117 Jul 13 j 07:49	6° $\mathbb{I}$ 22'19		minimum elong	-3116 Jun 03 j 01:45	16° $\mathbb{X}$ 02'18	4°14'16
morning set	-3117 Jul 25 j 16:09	27° $\mathbb{I}$ 28'06		morning rise	-3116 Jun 11 j 02:49	11° $\mathbb{X}$ 37'15	
	-3117 Jul 27 j 00:29	0° $\mathbb{E}$		direct	-3116 Jun 13 j 15:08	11° $\mathbb{X}$ 17'16	
				morning max el	-3116 Jun 21 j 22:13	15° $\mathbb{X}$ 11'37	18°46'39
superior conj	-3117 Aug 04 j 08:41	15° $\mathbb{E}$ 25'16	1°43'12	asc. node	-3116 Jun 29 j 04:52	24° $\mathbb{X}$ 37'33	
minimum elong	-3117 Aug 04 j 11:21	15° $\mathbb{E}$ 37'17	1°43'10		-3116 Jul 02 j 08:31	0° $\mathbb{I}$	
max. Earth dist.	-3117 Aug 11 j 22:16	28° $\mathbb{E}$ 38'31	1.41147 AU	morning set	-3116 Jul 08 j 09:13	11° $\mathbb{I}$ 23'39	
	-3117 Aug 12 j 17:35	0° $\mathbb{L}$					
evening rise	-3117 Aug 17 j 03:18	7° $\mathbb{L}$ 16'59		superior conj	-3116 Jul 17 j 01:57	28° $\mathbb{I}$ 14'48	1°48'50
desc. node	-3117 Aug 24 j 03:51	18° $\mathbb{L}$ 24'04		minimum elong	-3116 Jul 17 j 02:09	28° $\mathbb{I}$ 15'44	1°48'57
	-3117 Aug 31 j 21:16	0° $\mathbb{M}$			-3116 Jul 18 j 00:15	0° $\mathbb{E}$	
evening max el	-3117 Sep 19 j 23:08	24° $\mathbb{M}$ 43'00	22°50'43	max. Earth dist.	-3116 Jul 24 j 01:15	11° $\mathbb{E}$ 02'38	1.39196 AU
	-3117 Sep 27 j 00:37	0° $\mathbb{L}$		evening rise	-3116 Jul 28 j 01:41	18° $\mathbb{E}$ 02'26	
retrograde	-3117 Sep 29 j 21:51	0° $\mathbb{L}$ 36'49			-3116 Aug 04 j 07:46	0° $\mathbb{L}$	
	-3117 Oct 02 j 14:37	30° $\mathbb{R}$ $\mathbb{M}$		desc. node	-3116 Aug 10 j 00:50	8° $\mathbb{L}$ 51'22	
evening set	-3117 Oct 04 j 15:53	28° $\mathbb{M}$ 39'54			-3116 Aug 25 j 05:56	0° $\mathbb{M}$	
asc. node	-3117 Oct 09 j 06:51	23° $\mathbb{M}$ 18'49		evening max el	-3116 Sep 01 j 11:19	8° $\mathbb{M}$ 11'32	24°11'11
inferior conj	-3117 Oct 09 j 23:28	22° $\mathbb{M}$ 21'39	0°14'17	retrograde	-3116 Sep 12 j 12:38	14° $\mathbb{M}$ 41'17	
minimum elong	-3117 Oct 09 j 23:08	22° $\mathbb{M}$ 22'48	0°14'08	evening set	-3116 Sep 17 j 21:19	12° $\mathbb{M}$ 25'02	
transit middle	-3117 Oct 09 j 23:08	22° $\mathbb{M}$ 22'48	0°14'08	min. Earth dist.	-3116 Sep 22 j 15:14	6° $\mathbb{M}$ 54'21	0.67335 AU
transit begin	-3117 Oct 09 j 21:47	22° $\mathbb{M}$ 27'28		inferior conj	-3116 Sep 23 j 05:39	6° $\mathbb{M}$ 05'39	-0°39'37
transit end	-3117 Oct 10 j 00:30	22° $\mathbb{M}$ 18'07		minimum elong	-3116 Sep 23 j 06:35	6° $\mathbb{M}$ 02'29	0°39'11



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3116 Sep 25 j 03:57	3° $\mathbb{M}$ 33'15		min. Earth dist.	-3115 Sep 06 j 08:09	21° $\Omega$ 13'25	0.66867 AU
morning rise	-3116 Sep 28 j 15:50	29° $\Omega$ 58'43		inferior conj	-3115 Sep 07 j 09:36	19° $\Omega$ 50'56	-1°33'11
	-3116 Sep 28 j 15:08	30° $\mathbb{R}$ $\Omega$		minimum elong	-3115 Sep 07 j 11:48	19° $\Omega$ 43'47	1°32'14
direct	-3116 Oct 02 j 12:17	28° $\Omega$ 34'01		asc. node	-3115 Sep 12 j 01:03	14° $\Omega$ 36'36	
	-3116 Oct 06 j 16:56	0° $\mathbb{M}$		morning rise	-3115 Sep 13 j 00:49	13° $\Omega$ 52'18	
morning max el	-3116 Oct 10 j 14:00	3° $\mathbb{M}$ 16'45	20°36'18	direct	-3115 Sep 16 j 10:24	12° $\Omega$ 45'21	
	-3116 Oct 30 j 04:45	0° $\underline{\Omega}$		morning max el	-3115 Sep 23 j 17:21	16° $\Omega$ 55'45	19°32'11
desc. node	-3116 Nov 06 j 00:25	10° $\underline{\Omega}$ 24'06			-3115 Oct 03 j 17:51	0° $\mathbb{M}$	
morning set	-3116 Nov 08 j 01:24	13° $\underline{\Omega}$ 33'38		morning set	-3115 Oct 18 j 02:00	21° $\mathbb{M}$ 56'55	
max. Earth dist.	-3116 Nov 17 j 16:27	28° $\underline{\Omega}$ 47'22	1.43207 AU		-3115 Oct 23 j 05:56	0° $\underline{\Omega}$	
	-3116 Nov 18 j 10:25	0° $\mathbb{M}$		desc. node	-3115 Oct 23 j 21:25	1° $\underline{\Omega}$ 00'30	
				max. Earth dist.	-3115 Oct 31 j 05:55	12° $\underline{\Omega}$ 34'55	1.44378 AU
superior conj	-3116 Nov 23 j 23:53	9° $\mathbb{M}$ 08'12	-1°38'55				
minimum elong	-3116 Nov 23 j 17:55	8° $\mathbb{M}$ 43'22	1°38'31	superior conj	-3115 Nov 03 j 19:45	18° $\underline{\Omega}$ 16'35	-1°06'13
evening rise	-3116 Dec 06 j 06:02	0° $\mathbb{M}$ 12'28		minimum elong	-3115 Nov 03 j 12:40	17° $\underline{\Omega}$ 48'13	1°05'27
	-3116 Dec 06 j 03:12	0° $\mathbb{M}$			-3115 Nov 11 j 01:33	0° $\mathbb{M}$	
asc. node	-3116 Dec 22 j 03:01	25° $\mathbb{M}$ 43'52		evening rise	-3115 Nov 18 j 00:57	11° $\mathbb{M}$ 33'34	
evening max el	-3116 Dec 23 j 12:27	27° $\mathbb{M}$ 14'44	18°08'55		-3115 Nov 29 j 04:53	0° $\mathbb{M}$	
	-3116 Dec 27 j 04:09	0° $\mathbb{M}$		evening max el	-3115 Dec 07 j 01:02	10° $\mathbb{M}$ 34'39	18°24'27
retrograde	-3116 Dec 30 j 02:22	0° $\mathbb{M}$ 42'43		asc. node	-3115 Dec 09 j 00:05	12° $\mathbb{M}$ 20'25	
evening set	-3115 Jan 01 j 20:35	0° $\mathbb{M}$ 05'22		retrograde	-3115 Dec 13 j 14:50	14° $\mathbb{M}$ 11'11	
	-3115 Jan 02 j 01:16	30° $\mathbb{R}$ $\mathbb{M}$		evening set	-3115 Dec 16 j 13:16	13° $\mathbb{M}$ 24'23	
inferior conj	-3115 Jan 08 j 06:22	24° $\mathbb{M}$ 54'36	3°56'46	inferior conj	-3115 Dec 22 j 13:56	7° $\mathbb{M}$ 54'43	3°36'41
minimum elong	-3115 Jan 08 j 04:57	24° $\mathbb{M}$ 58'15	3°56'33	minimum elong	-3115 Dec 22 j 11:14	8° $\mathbb{M}$ 02'25	3°36'08
min. Earth dist.	-3115 Jan 11 j 01:07	22° $\mathbb{M}$ 03'55	0.62353 AU	min. Earth dist.	-3115 Dec 24 j 18:07	5° $\mathbb{M}$ 25'59	0.64068 AU
morning rise	-3115 Jan 14 j 12:21	19° $\mathbb{M}$ 01'45		morning rise	-3115 Dec 28 j 08:39	1° $\mathbb{M}$ 52'32	
direct	-3115 Jan 21 j 13:29	16° $\mathbb{M}$ 25'25			-3115 Dec 31 j 05:22	30° $\mathbb{R}$ $\mathbb{M}$	
desc. node	-3115 Feb 01 j 23:49	21° $\mathbb{M}$ 51'41		direct	-3114 Jan 04 j 07:22	29° $\mathbb{M}$ 02'01	
morning max el	-3115 Feb 04 j 12:20	24° $\mathbb{M}$ 11'26	27°43'49		-3114 Jan 08 j 16:15	0° $\mathbb{M}$	
	-3115 Feb 09 j 19:24	0° $\mathbb{M}$		morning max el	-3114 Jan 17 j 20:53	6° $\mathbb{M}$ 46'46	27°27'54
	-3115 Mar 01 j 16:00	0° $\approx$		desc. node	-3114 Jan 19 j 20:51	8° $\mathbb{M}$ 50'56	
morning set	-3115 Mar 10 j 00:17	15° $\approx$ 58'18			-3114 Feb 04 j 18:14	0° $\mathbb{M}$	
max. Earth dist.	-3115 Mar 15 j 17:47	27° $\approx$ 58'08	1.32858 AU	morning set	-3114 Feb 21 j 20:08	0° $\approx$ 02'05	
	-3115 Mar 16 j 16:25	0° $\mathbb{M}$			-3114 Feb 21 j 19:42	0° $\approx$	
				max. Earth dist.	-3114 Feb 26 j 20:23	10° $\approx$ 12'26	1.33566 AU
superior conj	-3115 Mar 17 j 10:43	1° $\mathbb{M}$ 38'58	-0°27'32				
minimum elong	-3115 Mar 17 j 11:58	1° $\mathbb{M}$ 45'45	0°27'19	superior conj	-3114 Mar 01 j 17:18	16° $\approx$ 15'19	-0°52'35
asc. node	-3115 Mar 20 j 02:25	7° $\mathbb{M}$ 24'42		minimum elong	-3114 Mar 01 j 19:37	16° $\approx$ 27'41	0°52'13
evening rise	-3115 Mar 24 j 11:11	16° $\mathbb{M}$ 47'09		asc. node	-3114 Mar 06 j 23:26	27° $\approx$ 29'19	
	-3115 Mar 31 j 01:31	0° $\mathbb{M}$			-3114 Mar 08 j 03:51	0° $\mathbb{M}$	
evening max el	-3115 Apr 18 j 02:10	25° $\mathbb{M}$ 54'16	24°07'50	evening rise	-3114 Mar 08 j 22:28	1° $\mathbb{M}$ 37'54	
	-3115 Apr 23 j 04:38	0° $\mathbb{M}$			-3114 Mar 25 j 00:41	0° $\mathbb{M}$	
desc. node	-3115 Apr 30 j 22:46	2° $\mathbb{M}$ 49'10		evening max el	-3114 Mar 30 j 19:02	6° $\mathbb{M}$ 35'46	22°33'28
retrograde	-3115 May 01 j 22:11	2° $\mathbb{M}$ 51'21		retrograde	-3114 Apr 12 j 20:06	12° $\mathbb{M}$ 59'06	
evening set	-3115 May 06 j 05:18	2° $\mathbb{M}$ 10'10		evening set	-3114 Apr 15 j 21:15	12° $\mathbb{M}$ 38'42	
	-3115 May 11 j 00:28	30° $\mathbb{R}$ $\mathbb{M}$		desc. node	-3114 Apr 17 j 19:51	12° $\mathbb{M}$ 05'50	
min. Earth dist.	-3115 May 12 j 13:42	29° $\mathbb{M}$ 05'09	0.56519 AU	min. Earth dist.	-3114 Apr 24 j 03:47	9° $\mathbb{M}$ 02'36	0.55394 AU
inferior conj	-3115 May 15 j 02:03	27° $\mathbb{M}$ 31'08	-3°28'10	inferior conj	-3114 Apr 25 j 05:38	8° $\mathbb{M}$ 25'41	-2°00'27
minimum elong	-3115 May 14 j 20:06	27° $\mathbb{M}$ 40'27	3°26'49	minimum elong	-3114 Apr 25 j 00:29	8° $\mathbb{M}$ 33'03	1°58'49
morning rise	-3115 May 23 j 14:01	23° $\mathbb{M}$ 28'47		morning rise	-3114 May 04 j 05:37	4° $\mathbb{M}$ 29'08	
direct	-3115 May 26 j 02:20	23° $\mathbb{M}$ 12'05		direct	-3114 May 06 j 20:42	4° $\mathbb{M}$ 13'09	
morning max el	-3115 Jun 04 j 19:28	27° $\mathbb{M}$ 42'12	19°42'27	morning max el	-3114 May 18 j 06:08	9° $\mathbb{M}$ 32'43	20°57'57
	-3115 Jun 07 j 00:53	0° $\mathbb{M}$			-3114 Jun 01 j 10:42	0° $\mathbb{M}$	
asc. node	-3115 Jun 16 j 01:54	13° $\mathbb{M}$ 31'00		asc. node	-3114 Jun 02 j 22:56	2° $\mathbb{M}$ 53'25	
morning set	-3115 Jun 22 j 10:30	25° $\mathbb{M}$ 45'34		morning set	-3114 Jun 06 j 17:21	10° $\mathbb{M}$ 26'48	
	-3115 Jun 24 j 12:55	0° $\mathbb{M}$					
superior conj	-3115 Jun 30 j 10:35	11° $\mathbb{M}$ 52'04	1°45'10	superior conj	-3114 Jun 14 j 06:06	26° $\mathbb{M}$ 03'53	1°34'30
minimum elong	-3115 Jun 30 j 09:02	11° $\mathbb{M}$ 44'26	1°45'11	minimum elong	-3114 Jun 14 j 03:39	25° $\mathbb{M}$ 51'19	1°34'20
max. Earth dist.	-3115 Jul 06 j 03:54	22° $\mathbb{M}$ 54'26	1.37278 AU		-3114 Jun 16 j 04:24	0° $\mathbb{M}$	
evening rise	-3115 Jul 10 j 00:50	0° $\mathbb{M}$ 00'53		max. Earth dist.	-3114 Jun 18 j 12:48	4° $\mathbb{M}$ 42'08	1.35611 AU
	-3115 Jul 10 j 00:38	0° $\mathbb{M}$		evening rise	-3114 Jun 22 j 20:01	13° $\mathbb{M}$ 00'10	
desc. node	-3115 Jul 27 j 21:52	29° $\mathbb{M}$ 03'22			-3114 Jul 02 j 10:25	0° $\mathbb{M}$	
	-3115 Jul 28 j 13:27	0° $\mathbb{M}$		desc. node	-3114 Jul 14 j 18:56	18° $\mathbb{M}$ 52'36	
evening max el	-3115 Aug 14 j 22:05	21° $\Omega$ 43'15	25°26'47		-3114 Jul 23 j 11:22	0° $\Omega$	
retrograde	-3115 Aug 26 j 23:21	28° $\Omega$ 41'12		evening max el	-3114 Jul 28 j 09:17	5° $\Omega$ 15'06	26°29'27
evening set	-3115 Sep 01 j 22:55	26° $\Omega$ 08'00		retrograde	-3114 Aug 10 j 05:13	12° $\Omega$ 29'57	
				evening set	-3114 Aug 16 j 18:27	9° $\Omega$ 45'18	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3114 Aug 20 j 19:50	5°Ω28'33	0.66057 AU	retrograde	-3113 Jul 24 j 05:37	26°☾00'44	
inferior conj	-3114 Aug 22 j 09:23	3°Ω34'06	-2°24'37	evening set	-3113 Jul 31 j 05:21	23°☾13'36	
minimum elong	-3114 Aug 22 j 12:41	3°Ω24'04	2°23'22	min. Earth dist.	-3113 Aug 03 j 23:55	19°☾34'12	0.64884 AU
	-3114 Aug 25 j 12:35	30°☾		inferior conj	-3113 Aug 06 j 02:50	17°☾11'29	-3°11'35
morning rise	-3114 Aug 28 j 07:12	27°☾46'47		minimum elong	-3113 Aug 06 j 06:47	17°☾00'26	3°10'22
asc. node	-3114 Aug 29 j 22:09	27°☾05'38		morning rise	-3113 Aug 12 j 08:45	11°☾38'52	
direct	-3114 Aug 31 j 08:18	26°☾54'08		direct	-3113 Aug 15 j 03:46	10°☾57'14	
	-3114 Sep 06 j 10:09	0°Ω		asc. node	-3113 Aug 16 j 19:14	11°☾11'39	
morning max el	-3114 Sep 07 j 02:51	0°Ω40'53	18°43'15	morning max el	-3113 Aug 21 j 16:25	14°☾28'32	18°10'58
	-3114 Sep 27 j 02:12	0°☿			-3113 Sep 01 j 15:57	0°Ω	
morning set	-3114 Sep 27 j 23:08	1°☿23'41		morning set	-3113 Sep 09 j 00:04	12°Ω11'48	
desc. node	-3114 Oct 10 j 18:25	21°☿42'52			-3113 Sep 19 j 19:56	0°☿	
superior conj	-3114 Oct 13 j 21:13	26°☿37'29	-0°19'50	superior conj	-3113 Sep 23 j 01:16	5°☿10'40	0°29'10
minimum elong	-3114 Oct 13 j 18:36	26°☿27'11	0°19'28	minimum elong	-3113 Sep 23 j 04:44	5°☿24'31	0°28'44
max. Earth dist.	-3114 Oct 13 j 23:13	26°☿45'25	1.44868 AU	max. Earth dist.	-3113 Sep 26 j 17:29	11°☿01'27	1.44627 AU
	-3114 Oct 16 j 00:39	0°♊		desc. node	-3113 Sep 27 j 15:25	12°☿28'07	
evening rise	-3114 Oct 29 j 19:54	21°♊52'41			-3113 Oct 08 j 20:27	0°♊	
	-3114 Nov 03 j 21:43	0°♋		evening rise	-3113 Oct 09 j 15:11	1°♊12'45	
evening max el	-3114 Nov 20 j 11:56	23°♋59'50	18°57'44	greatest brilliancy	-3113 Oct 22 j 07:58	20°♊42'59	-0.7m
asc. node	-3114 Nov 25 j 21:11	27°♋41'49			-3113 Oct 28 j 17:33	0°♋	
retrograde	-3114 Nov 27 j 08:55	27°♋54'12		evening max el	-3113 Nov 03 j 18:54	7°♋27'02	19°47'14
evening set	-3114 Nov 30 j 13:13	26°♋56'04		retrograde	-3113 Nov 11 j 05:45	11°♋47'36	
inferior conj	-3114 Dec 06 j 07:01	21°♋09'59	3°04'09	asc. node	-3113 Nov 12 j 18:15	11°♋34'13	
minimum elong	-3114 Dec 06 j 03:55	21°♋19'33	3°03'16	evening set	-3113 Nov 14 j 17:54	10°♋35'47	
min. Earth dist.	-3114 Dec 07 j 20:33	19°♋13'41	0.65440 AU	inferior conj	-3113 Nov 20 j 06:44	4°♋36'14	2°23'00
morning rise	-3114 Dec 11 j 18:19	15°♋01'22		minimum elong	-3113 Nov 20 j 03:55	4°♋45'28	2°22'00
direct	-3114 Dec 18 j 07:42	12°♋11'24		min. Earth dist.	-3113 Nov 21 j 06:56	3°♋16'36	0.66442 AU
morning max el	-3114 Dec 31 j 06:26	19°♋44'35	26°40'57		-3113 Nov 23 j 23:10	30°☾♊	
desc. node	-3113 Jan 06 j 17:54	27°♋01'13		morning rise	-3113 Nov 25 j 13:43	28°♊23'26	
	-3113 Jan 09 j 02:24	0°♋		direct	-3113 Dec 01 j 13:38	25°♊45'25	
	-3113 Jan 28 j 19:10	0°♌			-3113 Dec 10 j 12:06	0°♋	
morning set	-3113 Feb 05 j 04:52	13°♌27'24		morning max el	-3113 Dec 13 j 15:25	2°♋54'17	25°31'09
max. Earth dist.	-3113 Feb 09 j 12:11	21°♌50'35	1.34715 AU	desc. node	-3113 Dec 24 j 14:57	16°♋01'54	
					-3112 Jan 03 j 07:49	0°♋	
superior conj	-3113 Feb 13 j 18:20	0°♌30'02	-1°15'59	morning set	-3112 Jan 18 j 21:49	26°♋00'38	
minimum elong	-3113 Feb 13 j 21:26	0°♌46'03	1°15'36		-3112 Jan 21 j 01:55	0°♌	
	-3113 Feb 13 j 12:31	0°♍		max. Earth dist.	-3112 Jan 22 j 16:36	3°♌01'28	1.36314 AU
evening rise	-3113 Feb 21 j 07:37	16°♍16'29		superior conj	-3112 Jan 28 j 11:06	14°♌15'05	-1°36'04
asc. node	-3113 Feb 21 j 20:29	17°♍22'51		minimum elong	-3112 Jan 28 j 14:21	14°♌31'21	1°35'49
	-3113 Feb 28 j 07:24	0°♎			-3112 Feb 05 j 05:24	0°♍	
evening max el	-3113 Mar 12 j 19:01	17°♎36'00	21°05'19	evening rise	-3112 Feb 05 j 12:40	0°♍36'49	
retrograde	-3113 Mar 24 j 09:38	23°♎09'40		asc. node	-3112 Feb 08 j 17:30	7°♍00'02	
evening set	-3113 Mar 26 j 18:48	22°♎56'29		evening max el	-3112 Feb 23 j 05:16	29°♍09'37	19°51'52
desc. node	-3113 Apr 04 j 16:55	19°♎09'14			-3112 Feb 24 j 03:26	0°♎	
inferior conj	-3113 Apr 05 j 00:44	18°♎58'11	-0°05'28	retrograde	-3112 Mar 04 j 03:00	3°♎52'20	
minimum elong	-3113 Apr 05 j 00:28	18°♎58'32	0°05'24	evening set	-3112 Mar 06 j 09:28	3°♎38'36	
transit middle	-3113 Apr 05 j 00:28	18°♎58'32	0°05'24		-3112 Mar 14 j 10:32	30°☾♎	
transit begin	-3113 Apr 04 j 20:37	19°♎04'00		inferior conj	-3112 Mar 15 j 01:28	29°♎37'02	1°45'16
transit end	-3113 Apr 05 j 04:19	18°♎53'05		minimum elong	-3112 Mar 15 j 05:35	29°♎30'39	1°43'57
min. Earth dist.	-3113 Apr 05 j 17:47	18°♎34'01	0.55149 AU	min. Earth dist.	-3112 Mar 17 j 07:54	28°♎13'14	0.55841 AU
morning rise	-3113 Apr 14 j 05:41	14°♎50'28		desc. node	-3112 Mar 21 j 14:01	25°♎56'21	
direct	-3113 Apr 17 j 08:32	14°♎29'15		morning rise	-3112 Mar 23 j 23:28	25°♎02'53	
morning max el	-3113 Apr 30 j 06:06	20°♎41'49	22°29'39	direct	-3112 Mar 28 j 01:48	24°♎25'42	
	-3113 May 08 j 01:41	0°♏			-3112 Apr 09 j 10:53	0°♎	
asc. node	-3113 May 20 j 19:59	22°♏37'25		morning max el	-3112 Apr 10 j 22:37	1°♎21'14	24°09'12
morning set	-3113 May 22 j 03:44	25°♏21'31			-3112 Apr 30 j 12:28	0°♏	
	-3113 May 24 j 08:42	0°♐		morning set	-3112 May 05 j 15:45	10°♏22'34	
superior conj	-3113 May 29 j 09:08	10°♐40'08	1°18'40	asc. node	-3112 May 06 j 17:01	12°♏35'56	
minimum elong	-3113 May 29 j 06:30	10°♐26'11	1°18'22	superior conj	-3112 May 12 j 17:02	25°♏31'30	0°59'02
max. Earth dist.	-3113 Jun 01 j 07:44	16°♐49'36	1.34296 AU	minimum elong	-3112 May 12 j 14:45	25°♏19'09	0°58'41
evening rise	-3113 Jun 06 j 06:04	26°♐45'51		max. Earth dist.	-3112 May 14 j 11:53	29°♏21'42	1.33350 AU
	-3113 Jun 07 j 22:11	0°♑			-3112 May 14 j 19:03	0°♐	
	-3113 Jun 25 j 17:48	0°♑		evening rise	-3112 May 20 j 02:35	11°♐03'35	
desc. node	-3113 Jul 01 j 15:58	8°♑09'28			-3112 May 30 j 04:59	0°♑	
evening max el	-3113 Jul 10 j 20:56	18°♑39'12	27°11'09				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3112 Jun 17 j 13:00	26° $\Pi$ 39'26		desc. node	-3111 Jun 04 j 10:02	14° $\Pi$ 02'39	
	-3112 Jun 20 j 14:10	0° $\Theta$		evening max el	-3111 Jun 04 j 13:19	14° $\Pi$ 10'30	27°07'22
evening max el	-3112 Jun 22 j 07:07	1° $\Theta$ 41'59	27°25'17	retrograde	-3111 Jun 18 j 11:45	21° $\Pi$ 31'37	
retrograde	-3112 Jul 05 j 23:59	9° $\Theta$ 04'24		evening set	-3111 Jun 25 j 11:10	19° $\Pi$ 17'45	
evening set	-3112 Jul 13 j 04:15	6° $\Theta$ 26'49		min. Earth dist.	-3111 Jun 29 j 02:56	16° $\Pi$ 32'13	0.61459 AU
min. Earth dist.	-3112 Jul 16 j 18:28	3° $\Theta$ 20'01	0.63335 AU	inferior conj	-3111 Jul 02 j 07:20	13° $\Pi$ 42'08	-4°17'37
inferior conj	-3112 Jul 19 j 11:14	0° $\Theta$ 36'43	-3°50'54	minimum elong	-3111 Jul 02 j 09:39	13° $\Pi$ 36'55	4°17'18
minimum elong	-3112 Jul 19 j 15:00	0° $\Theta$ 27'10	3°50'03	morning rise	-3111 Jul 09 j 09:43	8° $\Pi$ 48'20	
	-3112 Jul 20 j 01:49	30° $\kappa$ $\Pi$		direct	-3111 Jul 11 j 22:45	8° $\Pi$ 21'18	
morning rise	-3112 Jul 26 j 02:42	25° $\Pi$ 22'07		morning max el	-3111 Jul 18 j 21:18	11° $\Pi$ 48'18	18°00'23
direct	-3112 Jul 28 j 17:48	24° $\Pi$ 48'47		asc. node	-3111 Jul 20 j 13:23	13° $\Pi$ 35'26	
asc. node	-3112 Aug 02 j 16:19	26° $\Pi$ 46'31			-3111 Jul 31 j 01:19	0° $\Theta$	
morning max el	-3112 Aug 04 j 07:30	28° $\Pi$ 13'12	17°56'22	morning set	-3111 Aug 03 j 22:27	7° $\Theta$ 04'12	
	-3112 Aug 05 j 22:48	0° $\Theta$					
morning set	-3112 Aug 21 j 01:42	24° $\Theta$ 10'29		superior conj	-3111 Aug 14 j 08:49	25° $\Theta$ 51'48	1°34'40
	-3112 Aug 24 j 09:50	0° $\Omega$		minimum elong	-3111 Aug 14 j 12:58	26° $\Theta$ 09'58	1°34'27
					-3111 Aug 16 j 18:07	0° $\Omega$	
superior conj	-3112 Sep 02 j 03:11	14° $\Omega$ 49'56	1°08'58	max. Earth dist.	-3111 Aug 21 j 19:55	8° $\Omega$ 33'26	1.42183 AU
minimum elong	-3112 Sep 02 j 08:49	15° $\Omega$ 13'22	1°08'25	evening rise	-3111 Aug 28 j 06:39	19° $\Omega$ 00'16	
max. Earth dist.	-3112 Sep 08 j 09:25	25° $\Omega$ 03'50	1.43688 AU	desc. node	-3111 Aug 31 j 09:23	23° $\Omega$ 53'55	
	-3112 Sep 11 j 11:34	0° $\Pi$			-3111 Sep 04 j 08:29	0° $\Pi$	
desc. node	-3112 Sep 13 j 12:24	3° $\Pi$ 12'54			-3111 Sep 25 j 18:08	0° $\Delta$	
evening rise	-3112 Sep 17 j 20:29	9° $\Pi$ 58'50		evening max el	-3111 Sep 29 j 15:18	4° $\Delta$ 19'26	22°05'02
	-3112 Oct 01 j 02:10	0° $\Delta$		retrograde	-3111 Oct 08 j 22:52	9° $\Delta$ 51'48	
evening max el	-3112 Oct 16 j 20:13	20° $\Delta$ 53'48	20°50'48	evening set	-3111 Oct 13 j 09:03	8° $\Delta$ 05'52	
retrograde	-3112 Oct 25 j 03:01	25° $\Delta$ 47'54		asc. node	-3111 Oct 16 j 12:25	4° $\Delta$ 45'58	
evening set	-3112 Oct 29 j 01:09	24° $\Delta$ 20'02		inferior conj	-3111 Oct 18 j 16:54	1° $\Delta$ 49'29	0°44'49
asc. node	-3112 Oct 29 j 15:19	23° $\Delta$ 51'27		minimum elong	-3111 Oct 18 j 15:53	1° $\Delta$ 53'02	0°44'22
inferior conj	-3112 Nov 03 j 10:42	18° $\Delta$ 10'17	1°35'54	min. Earth dist.	-3111 Oct 18 j 18:42	1° $\Delta$ 43'14	0.67419 AU
minimum elong	-3112 Nov 03 j 08:38	18° $\Delta$ 17'20	1°35'03		-3111 Oct 20 j 00:52	30° $\kappa$ $\Pi$	
min. Earth dist.	-3112 Nov 03 j 23:08	17° $\Delta$ 27'53	0.67088 AU	morning rise	-3111 Oct 23 j 22:34	25° $\Pi$ 35'21	
morning rise	-3112 Nov 08 j 15:57	11° $\Delta$ 55'33		direct	-3111 Oct 28 j 16:06	23° $\Pi$ 37'41	
direct	-3112 Nov 14 j 00:37	9° $\Delta$ 36'21		morning max el	-3111 Nov 07 j 10:49	29° $\Pi$ 27'07	22°41'18
morning max el	-3112 Nov 25 j 00:09	16° $\Delta$ 09'12	24°08'08		-3111 Nov 07 j 23:36	0° $\Delta$	
	-3112 Dec 06 j 10:46	0° $\Pi$		desc. node	-3111 Nov 27 j 08:58	25° $\Delta$ 39'07	
desc. node	-3112 Dec 10 j 11:59	5° $\Pi$ 38'12			-3111 Nov 30 j 06:33	0° $\Pi$	
	-3112 Dec 26 j 07:33	0° $\chi$		morning set	-3111 Dec 11 j 08:47	17° $\Pi$ 28'21	
morning set	-3112 Dec 30 j 17:06	7° $\chi$ 25'59		max. Earth dist.	-3111 Dec 16 j 09:52	25° $\Pi$ 53'59	1.40339 AU
max. Earth dist.	-3111 Jan 03 j 13:33	14° $\chi$ 12'08	1.38259 AU		-3111 Dec 18 j 19:05	0° $\chi$	
superior conj	-3111 Jan 10 j 16:00	27° $\chi$ 20'38	-1°50'36	superior conj	-3111 Dec 24 j 04:17	9° $\chi$ 33'11	-1°56'29
minimum elong	-3111 Jan 10 j 18:23	27° $\chi$ 32'00	1°50'34	minimum elong	-3111 Dec 24 j 04:17	9° $\chi$ 33'14	1°56'35
	-3111 Jan 12 j 01:14	0° $\Xi$		evening rise	-3110 Jan 03 j 00:25	27° $\chi$ 54'50	
evening rise	-3111 Jan 19 j 11:17	14° $\Xi$ 32'27			-3110 Jan 04 j 02:53	0° $\Xi$	
asc. node	-3111 Jan 25 j 14:31	26° $\Xi$ 14'58		asc. node	-3110 Jan 12 j 11:33	14° $\Xi$ 59'18	
	-3111 Jan 27 j 17:49	0° $\approx$		evening max el	-3110 Jan 19 j 06:30	23° $\Xi$ 58'46	18°22'57
evening max el	-3111 Feb 05 j 01:49	11° $\approx$ 19'25	18°57'21	retrograde	-3110 Jan 26 j 14:53	27° $\Xi$ 36'31	
retrograde	-3111 Feb 13 j 11:43	15° $\approx$ 22'03		evening set	-3110 Jan 29 j 03:44	27° $\Xi$ 11'49	
evening set	-3111 Feb 15 j 20:57	15° $\approx$ 03'54		inferior conj	-3110 Feb 05 j 09:33	22° $\Xi$ 34'47	3°48'26
inferior conj	-3111 Feb 23 j 19:13	10° $\approx$ 47'05	3°05'24	minimum elong	-3110 Feb 05 j 11:57	22° $\Xi$ 29'47	3°48'05
minimum elong	-3111 Feb 23 j 23:50	10° $\approx$ 38'50	3°04'18	min. Earth dist.	-3110 Feb 08 j 19:01	19° $\Xi$ 47'01	0.59220 AU
min. Earth dist.	-3111 Feb 26 j 23:33	8° $\approx$ 32'02	0.57303 AU	morning rise	-3110 Feb 12 j 18:00	17° $\Xi$ 05'22	
morning rise	-3111 Mar 04 j 00:02	5° $\approx$ 42'03		direct	-3110 Feb 19 j 02:23	15° $\Xi$ 18'57	
desc. node	-3111 Mar 08 j 11:05	4° $\approx$ 36'28		desc. node	-3110 Feb 23 j 08:10	16° $\Xi$ 04'28	
direct	-3111 Mar 09 j 07:34	4° $\approx$ 34'42		morning max el	-3110 Mar 05 j 08:50	22° $\Xi$ 56'26	26°55'46
morning max el	-3111 Mar 23 j 13:48	11° $\approx$ 57'37	25°42'54		-3110 Mar 11 j 16:17	0° $\approx$	
	-3111 Apr 06 j 12:30	0° $\text{H}$			-3110 Mar 30 j 10:37	0° $\text{H}$	
morning set	-3111 Apr 20 j 03:41	25° $\text{H}$ 24'01		morning set	-3110 Apr 04 j 13:52	10° $\text{H}$ 19'03	
	-3111 Apr 22 j 07:39	0° $\Upsilon$		asc. node	-3110 Apr 10 j 11:01	22° $\text{H}$ 56'22	
asc. node	-3111 Apr 23 j 14:02	2° $\Upsilon$ 43'53					
superior conj	-3111 Apr 27 j 03:45	10° $\Upsilon$ 31'03	0°36'40	superior conj	-3110 Apr 11 j 15:29	25° $\text{H}$ 32'08	0°12'26
minimum elong	-3111 Apr 27 j 02:12	10° $\Upsilon$ 22'35	0°36'22	minimum elong	-3110 Apr 11 j 14:56	25° $\text{H}$ 29'06	0°12'19
max. Earth dist.	-3111 Apr 27 j 22:19	12° $\Upsilon$ 12'24	1.32765 AU	behind sun begin	-3110 Apr 11 j 11:47	25° $\text{H}$ 11'52	
evening rise	-3111 May 04 j 06:21	25° $\Upsilon$ 42'59		behind sun end	-3110 Apr 11 j 18:05	25° $\text{H}$ 46'20	
	-3111 May 06 j 08:51	0° $\text{B}$		max. Earth dist.	-3110 Apr 11 j 11:26	25° $\text{H}$ 09'58	1.32523 AU
	-3111 May 23 j 19:08	0° $\Pi$			-3110 Apr 13 j 16:26	0° $\Upsilon$	
				evening rise	-3110 Apr 18 j 14:46	10° $\Upsilon$ 34'58	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3110 Apr 28 j 16:02	0°♄		superior conj	-3109 Mar 27 j 02:37	10°♄28'45	-0°12'51
evening max el	-3110 May 17 j 13:37	25°♄57'15	26°17'08	minimum elong	-3109 Mar 27 j 03:12	10°♄31'56	0°12'46
desc. node	-3110 May 22 j 07:06	29°♄51'39		behind sun begin	-3109 Mar 27 j 00:11	10°♄15'30	
	-3110 May 22 j 12:00	0°♄		behind sun end	-3109 Mar 27 j 06:13	10°♄48'22	
retrograde	-3110 May 31 j 15:35	3°♄14'46		asc. node	-3109 Mar 28 j 08:02	13°♄09'16	
evening set	-3110 Jun 06 j 21:59	1°♄36'44		evening rise	-3109 Apr 03 j 01:45	25°♄32'10	
	-3110 Jun 09 j 14:35	30°♄			-3109 Apr 05 j 05:18	0°♄	
min. Earth dist.	-3110 Jun 11 j 02:37	28°♄55'50	0.59410 AU		-3109 Apr 23 j 01:03	0°♄	
inferior conj	-3110 Jun 14 j 11:34	26°♄19'01	-4°24'08	evening max el	-3109 Apr 29 j 08:01	7°♄04'13	25°00'01
minimum elong	-3110 Jun 14 j 10:53	26°♄20'21	4°24'01	desc. node	-3109 May 09 j 04:11	13°♄30'53	
morning rise	-3110 Jun 22 j 02:10	21°♄47'04		retrograde	-3109 May 13 j 08:46	14°♄11'39	
direct	-3110 Jun 24 j 14:23	21°♄24'55		evening set	-3109 May 18 j 10:45	13°♄12'18	
morning max el	-3110 Jul 02 j 06:56	25°♄05'53	18°23'58	min. Earth dist.	-3109 May 23 j 20:11	10°♄19'42	0.57462 AU
	-3110 Jul 06 j 11:06	0°♄		inferior conj	-3109 May 26 j 20:41	8°♄18'00	-4°00'00
asc. node	-3110 Jul 07 j 10:27	1°♄23'09		minimum elong	-3109 May 26 j 16:14	8°♄25'33	3°59'16
morning set	-3110 Jul 18 j 09:19	20°♄40'17		morning rise	-3109 Jun 04 j 00:38	4°♄06'09	
	-3110 Jul 23 j 06:37	0°♄		direct	-3109 Jun 06 j 12:46	3°♄47'45	
				morning max el	-3109 Jun 15 j 09:23	7°♄56'01	19°07'53
superior conj	-3110 Jul 27 j 14:45	8°♄06'47	1°46'54	asc. node	-3109 Jun 24 j 07:30	19°♄55'52	
minimum elong	-3110 Jul 27 j 16:19	8°♄13'58	1°46'57		-3109 Jun 29 j 19:26	0°♄	
max. Earth dist.	-3110 Aug 04 j 00:35	21°♄19'54	1.40321 AU	morning set	-3109 Jul 02 j 06:16	4°♄47'55	
evening rise	-3110 Aug 08 j 14:04	29°♄02'52					
	-3110 Aug 09 j 03:53	0°♄		superior conj	-3109 Jul 10 j 15:09	21°♄18'01	1°48'17
desc. node	-3110 Aug 18 j 06:22	14°♄27'46		minimum elong	-3109 Jul 10 j 14:30	21°♄14'54	1°48'21
	-3110 Aug 28 j 20:59	0°♄			-3109 Jul 15 j 05:26	0°♄	
evening max el	-3110 Sep 12 j 05:26	17°♄46'58	23°25'05	max. Earth dist.	-3109 Jul 17 j 02:39	3°♄27'26	1.38359 AU
retrograde	-3110 Sep 22 j 15:53	23°♄57'19		evening rise	-3109 Jul 20 j 23:28	10°♄20'37	
evening set	-3110 Sep 27 j 15:54	21°♄52'16			-3109 Aug 01 j 23:04	0°♄	
inferior conj	-3110 Oct 02 j 23:36	15°♄32'57	-0°08'30	desc. node	-3109 Aug 05 j 03:24	4°♄49'18	
minimum elong	-3110 Oct 02 j 23:48	15°♄32'16	0°08'23		-3109 Aug 24 j 10:22	0°♄	
transit middle	-3110 Oct 02 j 23:48	15°♄32'16	0°08'23	evening max el	-3109 Aug 25 j 16:54	1°♄17'40	24°44'30
transit begin	-3110 Oct 02 j 21:29	15°♄40'14		retrograde	-3109 Sep 06 j 04:59	8°♄00'16	
transit end	-3110 Oct 03 j 02:08	15°♄24'18		evening set	-3109 Sep 11 j 19:56	5°♄36'40	
min. Earth dist.	-3110 Oct 02 j 15:14	16°♄01'40	0.67450 AU	min. Earth dist.	-3109 Sep 16 j 10:11	0°♄20'53	0.67176 AU
asc. node	-3110 Oct 03 j 09:30	14°♄59'04			-3109 Sep 16 j 16:28	30°♄	
morning rise	-3110 Oct 08 j 07:37	9°♄22'18		inferior conj	-3109 Sep 17 j 05:04	29°♄18'00	-1°02'27
direct	-3110 Oct 12 j 11:17	7°♄45'59		minimum elong	-3109 Sep 17 j 06:34	29°♄13'03	1°01'46
morning max el	-3110 Oct 21 j 02:38	12°♄51'38	21°19'02	asc. node	-3109 Sep 20 j 06:36	25°♄28'09	
	-3110 Nov 03 j 11:31	0°♄		morning rise	-3109 Sep 22 j 17:11	23°♄14'01	
desc. node	-3110 Nov 14 j 05:58	15°♄58'04		direct	-3109 Sep 26 j 08:50	21°♄57'03	
morning set	-3110 Nov 20 j 20:43	26°♄12'51		morning max el	-3109 Oct 04 j 01:39	26°♄24'51	20°07'16
	-3110 Nov 23 j 06:07	0°♄			-3109 Oct 07 j 05:51	0°♄	
max. Earth dist.	-3110 Nov 28 j 12:02	8°♄28'43	1.42276 AU		-3109 Oct 27 j 22:15	0°♄	
				morning set	-3109 Oct 30 j 18:33	4°♄23'30	
superior conj	-3110 Dec 05 j 18:28	20°♄40'11	-1°49'54	desc. node	-3109 Nov 01 j 02:58	6°♄29'13	
minimum elong	-3110 Dec 05 j 14:42	20°♄23'59	1°49'47	max. Earth dist.	-3109 Nov 10 j 22:08	21°♄55'01	1.43789 AU
	-3110 Dec 11 j 02:46	0°♄			-3109 Nov 15 j 22:14	0°♄	
evening rise	-3110 Dec 17 j 00:36	10°♄36'47					
	-3110 Dec 28 j 05:33	0°♄		superior conj	-3109 Nov 16 j 05:50	0°♄31'03	-1°27'08
asc. node	-3110 Dec 30 j 08:36	3°♄03'47		minimum elong	-3109 Nov 15 j 22:47	0°♄02'17	1°26'32
evening max el	-3109 Jan 02 j 16:34	6°♄59'57	18°08'29	evening rise	-3109 Nov 29 j 07:29	22°♄29'49	
retrograde	-3109 Jan 09 j 10:15	10°♄27'29			-3109 Dec 03 j 16:01	0°♄	
evening set	-3109 Jan 12 j 02:33	9°♄54'57		evening max el	-3109 Dec 17 j 05:03	20°♄15'03	18°13'17
inferior conj	-3109 Jan 18 j 18:48	4°♄56'26	4°00'26	asc. node	-3109 Dec 17 j 05:39	20°♄16'33	
minimum elong	-3109 Jan 18 j 18:34	4°♄56'59	4°00'20	retrograde	-3109 Dec 23 j 17:45	23°♄45'01	
min. Earth dist.	-3109 Jan 21 j 21:01	2°♄00'18	0.61253 AU	evening set	-3109 Dec 26 j 13:43	23°♄03'41	
	-3109 Jan 24 j 05:56	30°♄		inferior conj	-3108 Jan 01 j 19:19	17°♄44'35	3°50'02
morning rise	-3109 Jan 25 j 09:16	29°♄10'44		minimum elong	-3108 Jan 01 j 17:14	17°♄50'11	3°49'42
direct	-3109 Feb 01 j 07:47	26°♄48'58		min. Earth dist.	-3108 Jan 04 j 08:01	15°♄01'43	0.63128 AU
desc. node	-3109 Feb 10 j 05:14	0°♄09'03		morning rise	-3108 Jan 07 j 20:03	11°♄47'41	
	-3109 Feb 10 j 00:01	0°♄		direct	-3108 Jan 14 j 21:21	9°♄03'28	
morning max el	-3109 Feb 15 j 09:56	4°♄33'02	27°36'37	desc. node	-3108 Jan 28 j 02:20	16°♄14'46	
	-3109 Mar 06 j 09:03	0°♄		morning max el	-3108 Jan 28 j 16:24	16°♄49'02	27°41'14
morning set	-3109 Mar 19 j 20:22	25°♄00'53			-3108 Feb 08 j 16:11	0°♄	
	-3109 Mar 22 j 05:47	0°♄			-3108 Feb 27 j 01:23	0°♄	
max. Earth dist.	-3109 Mar 25 j 23:36	8°♄01'46	1.32631 AU	morning set	-3108 Mar 02 j 20:58	9°♄21'39	
				max. Earth dist.	-3108 Mar 08 j 06:59	20°♄34'22	1.33110 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3108 Mar 10 j 11:26	25° $\approx$ 14'50	-0°38'15	superior conj	-3107 Feb 22 j 15:56	9° $\approx$ 42'48	-1°02'47
minimum elong	-3108 Mar 10 j 13:10	25° $\approx$ 24'08	0°37'58	minimum elong	-3107 Feb 22 j 18:38	9° $\approx$ 57'02	1°02'24
	-3108 Mar 12 j 16:17	0° $\mathbb{X}$		asc. node	-3107 Mar 01 j 02:04	23° $\approx$ 19'02	
asc. node	-3108 Mar 14 j 05:03	3° $\mathbb{X}$ 18'32		evening rise	-3107 Mar 02 j 00:06	25° $\approx$ 14'30	
evening rise	-3108 Mar 17 j 13:29	10° $\mathbb{X}$ 27'53			-3107 Mar 04 j 07:34	0° $\mathbb{X}$	
	-3108 Mar 27 j 17:03	0° $\mathbb{Y}$		evening max el	-3107 Mar 22 j 18:49	28° $\mathbb{X}$ 33'47	21°54'30
evening max el	-3108 Apr 09 j 23:45	17° $\mathbb{Y}$ 47'48	23°27'44		-3107 Mar 24 j 09:11	0° $\mathbb{Y}$	
retrograde	-3108 Apr 23 j 13:16	24° $\mathbb{Y}$ 32'11		retrograde	-3107 Apr 04 j 06:37	4° $\mathbb{Y}$ 37'38	
desc. node	-3108 Apr 25 j 01:16	24° $\mathbb{Y}$ 27'09		evening set	-3107 Apr 06 j 23:14	4° $\mathbb{Y}$ 21'27	
evening set	-3108 Apr 27 j 06:42	24° $\mathbb{Y}$ 01'43		desc. node	-3107 Apr 11 j 22:21	2° $\mathbb{Y}$ 37'45	
min. Earth dist.	-3108 May 04 j 10:34	20° $\mathbb{Y}$ 45'15	0.55948 AU	inferior conj	-3107 Apr 16 j 08:18	0° $\mathbb{Y}$ 16'26	-1°13'23
inferior conj	-3108 May 06 j 09:57	19° $\mathbb{Y}$ 34'49	-2°55'46	minimum elong	-3107 Apr 16 j 04:55	0° $\mathbb{Y}$ 21'10	1°12'14
minimum elong	-3108 May 06 j 03:43	19° $\mathbb{Y}$ 44'07	2°54'04	min. Earth dist.	-3107 Apr 16 j 00:11	0° $\mathbb{Y}$ 27'49	0.55176 AU
morning rise	-3108 May 15 j 03:27	15° $\mathbb{Y}$ 36'41			-3107 Apr 16 j 19:59	30° $\mathbb{R}$ $\mathbb{X}$	
direct	-3108 May 17 j 16:36	15° $\mathbb{Y}$ 20'34		morning rise	-3107 Apr 25 j 11:43	26° $\mathbb{X}$ 17'52	
morning max el	-3108 May 28 j 02:13	20° $\mathbb{Y}$ 10'13	20°12'15	direct	-3107 Apr 28 j 06:22	26° $\mathbb{X}$ 00'42	
	-3108 Jun 04 j 22:27	0° $\mathbb{Z}$			-3107 May 08 j 08:33	0° $\mathbb{Y}$	
asc. node	-3108 Jun 10 j 04:33	9° $\mathbb{Z}$ 03'05		morning max el	-3107 May 10 j 08:12	1° $\mathbb{Y}$ 42'28	21°35'24
morning set	-3108 Jun 15 j 10:14	19° $\mathbb{Z}$ 19'23		asc. node	-3107 May 28 j 01:36	28° $\mathbb{Y}$ 35'20	
	-3108 Jun 20 j 15:30	0° $\mathbb{H}$			-3107 May 28 j 18:29	0° $\mathbb{Z}$	
				morning set	-3107 May 30 j 18:50	4° $\mathbb{Z}$ 07'04	
superior conj	-3108 Jun 23 j 04:54	5° $\mathbb{H}$ 11'29	1°41'22	superior conj	-3107 Jun 07 j 03:59	19° $\mathbb{Z}$ 34'43	1°28'19
minimum elong	-3108 Jun 23 j 02:53	5° $\mathbb{H}$ 01'18	1°41'19	minimum elong	-3107 Jun 07 j 01:23	19° $\mathbb{Z}$ 21'11	1°28'06
max. Earth dist.	-3108 Jun 28 j 07:44	15° $\mathbb{H}$ 16'01	1.36534 AU	max. Earth dist.	-3107 Jun 10 j 20:46	27° $\mathbb{Z}$ 10'10	1.35005 AU
evening rise	-3108 Jul 02 j 07:50	22° $\mathbb{H}$ 46'51			-3107 Jun 12 j 06:40	0° $\mathbb{H}$	
	-3108 Jul 06 j 08:37	0° $\mathbb{E}$		evening rise	-3107 Jun 15 j 09:52	6° $\mathbb{H}$ 07'00	
desc. node	-3108 Jul 22 j 00:24	24° $\mathbb{E}$ 52'30			-3107 Jun 29 j 01:24	0° $\mathbb{E}$	
	-3108 Jul 25 j 16:32	0° $\mathbb{L}$		desc. node	-3107 Jul 08 j 21:26	14° $\mathbb{E}$ 29'10	
evening max el	-3108 Aug 07 j 03:53	14° $\mathbb{L}$ 50'23	25°55'28	evening max el	-3107 Jul 20 j 15:12	28° $\mathbb{E}$ 19'22	26°50'06
retrograde	-3108 Aug 19 j 13:28	21° $\mathbb{L}$ 56'01			-3107 Jul 22 j 10:41	0° $\mathbb{L}$	
evening set	-3108 Aug 25 j 19:13	19° $\mathbb{L}$ 17'08		retrograde	-3107 Aug 02 j 17:03	5° $\mathbb{L}$ 38'12	
min. Earth dist.	-3108 Aug 30 j 01:05	14° $\mathbb{L}$ 38'39	0.66573 AU	evening set	-3107 Aug 09 j 11:26	2° $\mathbb{L}$ 50'50	
inferior conj	-3108 Aug 31 j 07:30	13° $\mathbb{L}$ 02'26	-1°55'22		-3107 Aug 12 j 09:09	30° $\mathbb{R}$ $\mathbb{E}$	
minimum elong	-3108 Aug 31 j 10:12	12° $\mathbb{L}$ 53'54	1°54'15	min. Earth dist.	-3107 Aug 13 j 09:38	28° $\mathbb{E}$ 50'36	0.65607 AU
morning rise	-3108 Sep 06 j 01:20	7° $\mathbb{L}$ 08'18		inferior conj	-3107 Aug 15 j 04:52	26° $\mathbb{E}$ 43'14	-2°45'14
asc. node	-3108 Sep 06 j 03:43	7° $\mathbb{L}$ 04'39		minimum elong	-3107 Aug 15 j 08:30	26° $\mathbb{E}$ 32'31	2°43'58
direct	-3108 Sep 09 j 07:07	6° $\mathbb{L}$ 07'44		morning rise	-3107 Aug 21 j 05:58	21° $\mathbb{E}$ 02'06	
morning max el	-3108 Sep 16 j 07:48	10° $\mathbb{L}$ 06'32	19°09'26	direct	-3107 Aug 24 j 04:11	20° $\mathbb{E}$ 14'35	
	-3108 Sep 30 j 16:11	0° $\mathbb{M}$		asc. node	-3107 Aug 24 j 00:49	20° $\mathbb{E}$ 14'41	
morning set	-3108 Oct 09 j 02:03	13° $\mathbb{M}$ 09'09		morning max el	-3107 Aug 30 j 19:25	23° $\mathbb{E}$ 53'34	18°27'28
desc. node	-3108 Oct 17 j 23:58	27° $\mathbb{M}$ 08'25			-3107 Sep 04 j 18:18	0° $\mathbb{L}$	
	-3108 Oct 19 j 19:38	0° $\mathbb{A}$		morning set	-3107 Sep 19 j 10:53	23° $\mathbb{L}$ 10'29	
max. Earth dist.	-3108 Oct 23 j 14:10	5° $\mathbb{A}$ 56'33	1.44680 AU		-3107 Sep 23 j 15:57	0° $\mathbb{M}$	
superior conj	-3108 Oct 25 j 15:53	9° $\mathbb{A}$ 13'05	-0°47'42	superior conj	-3107 Oct 04 j 15:31	17° $\mathbb{M}$ 30'58	0°01'28
minimum elong	-3108 Oct 25 j 10:03	8° $\mathbb{A}$ 50'02	0°46'59	minimum elong	-3107 Oct 04 j 15:42	17° $\mathbb{M}$ 31'41	0°01'27
	-3108 Nov 07 j 14:20	0° $\mathbb{N}$		behind sun begin	-3107 Oct 04 j 04:27	16° $\mathbb{M}$ 47'16	
evening rise	-3108 Nov 09 j 16:34	3° $\mathbb{N}$ 25'22		behind sun end	-3107 Oct 05 j 02:57	18° $\mathbb{M}$ 16'05	
	-3108 Nov 26 j 15:13	0° $\mathbb{J}$		desc. node	-3107 Oct 04 j 20:57	17° $\mathbb{M}$ 52'27	
evening max el	-3108 Nov 29 j 17:12	3° $\mathbb{J}$ 37'39	18°36'28	max. Earth dist.	-3107 Oct 06 j 08:26	20° $\mathbb{M}$ 12'18	1.44849 AU
asc. node	-3108 Dec 03 j 02:44	6° $\mathbb{J}$ 23'13			-3107 Oct 12 j 13:56	0° $\mathbb{A}$	
retrograde	-3108 Dec 06 j 09:06	7° $\mathbb{J}$ 20'42		evening rise	-3107 Oct 21 j 01:03	13° $\mathbb{A}$ 18'24	
evening set	-3108 Dec 09 j 09:52	6° $\mathbb{J}$ 29'10		greatest brilliancy	-3107 Oct 30 j 22:48	28° $\mathbb{A}$ 51'07	-0.8m
inferior conj	-3108 Dec 15 j 07:20	0° $\mathbb{J}$ 51'53	3°24'10		-3107 Oct 31 j 16:37	0° $\mathbb{N}$	
minimum elong	-3108 Dec 15 j 04:22	1° $\mathbb{J}$ 00'40	3°23'27	evening max el	-3107 Nov 13 j 02:36	17° $\mathbb{N}$ 03'51	19°16'52
	-3108 Dec 16 j 00:45	30° $\mathbb{R}$ $\mathbb{N}$		asc. node	-3107 Nov 19 j 23:49	21° $\mathbb{N}$ 08'35	
min. Earth dist.	-3108 Dec 17 j 05:03	28° $\mathbb{N}$ 36'25	0.64696 AU	retrograde	-3107 Nov 20 j 04:50	21° $\mathbb{N}$ 08'50	
morning rise	-3108 Dec 20 j 22:29	24° $\mathbb{N}$ 46'43		evening set	-3107 Nov 23 j 12:08	20° $\mathbb{N}$ 05'14	
direct	-3108 Dec 27 j 17:47	21° $\mathbb{N}$ 55'10		inferior conj	-3107 Nov 29 j 03:35	14° $\mathbb{N}$ 12'49	2°47'38
morning max el	-3107 Jan 10 j 01:47	29° $\mathbb{N}$ 35'51	27°11'25	minimum elong	-3107 Nov 29 j 00:33	14° $\mathbb{N}$ 22'31	2°46'39
	-3107 Jan 10 j 11:24	0° $\mathbb{J}$		min. Earth dist.	-3107 Nov 30 j 11:14	12° $\mathbb{N}$ 31'52	0.65903 AU
desc. node	-3107 Jan 13 j 23:23	3° $\mathbb{J}$ 47'21		morning rise	-3107 Dec 04 j 12:41	8° $\mathbb{N}$ 01'54	
	-3107 Feb 01 j 13:31	0° $\mathbb{Z}$		direct	-3107 Dec 10 j 20:32	5° $\mathbb{N}$ 16'01	
morning set	-3107 Feb 14 j 12:35	23° $\mathbb{Z}$ 10'36		morning max el	-3107 Dec 23 j 11:29	12° $\mathbb{N}$ 41'10	26°13'36
	-3107 Feb 17 j 23:08	0° $\mathbb{A}$		desc. node	-3107 Dec 31 j 20:26	22° $\mathbb{N}$ 21'28	
max. Earth dist.	-3107 Feb 19 j 05:39	2° $\mathbb{A}$ 35'16	1.34003 AU		-3106 Jan 06 j 12:05	0° $\mathbb{J}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3106 Jan 25 j 05:03	0°♄				-3106 Dec 31 j 01:35	0°♄	
morning set	-3106 Jan 28 j 15:17	6°♄16'03		morning set	-3105 Jan 10 j 23:47	18°♄22'14		
max. Earth dist.	-3106 Feb 01 j 16:38	14°♄00'41	1.35344 AU	max. Earth dist.	-3105 Jan 14 j 16:35	25°♄04'35	1.37104 AU	
					-3105 Jan 17 j 07:44	0°♄		
superior conj	-3106 Feb 06 j 13:48	23°♄45'51	-1°25'02	superior conj	-3105 Jan 21 j 01:58	7°♄15'02	-1°43'05	
minimum elong	-3106 Feb 06 j 17:04	24°♄02'30	1°24'41	minimum elong	-3105 Jan 21 j 05:01	7°♄29'57	1°42'55	
	-3106 Feb 09 j 14:32	0°♄		evening rise	-3105 Jan 29 j 10:21	23°♄56'07		
evening rise	-3106 Feb 14 j 07:47	9°♄46'07			-3105 Feb 01 j 11:57	0°♄		
asc. node	-3106 Feb 15 j 23:04	13°♄06'13		asc. node	-3105 Feb 02 j 20:06	2°♄34'29		
	-3106 Feb 25 j 05:21	0°♄		evening max el	-3105 Feb 15 j 13:44	21°♄36'18	19°26'18	
evening max el	-3106 Mar 04 j 22:52	9°♄46'43	20°31'52	retrograde	-3105 Feb 24 j 19:10	25°♄59'50		
retrograde	-3106 Mar 15 j 20:32	14°♄58'29		evening set	-3105 Feb 27 j 02:27	25°♄44'39		
evening set	-3106 Mar 18 j 03:04	14°♄45'52		inferior conj	-3105 Mar 07 j 11:03	21°♄38'02	2°23'49	
inferior conj	-3106 Mar 27 j 04:02	10°♄47'56	0°43'59	minimum elong	-3105 Mar 07 j 15:52	21°♄30'09	2°22'24	
minimum elong	-3106 Mar 27 j 06:00	10°♄45'03	0°43'16	min. Earth dist.	-3105 Mar 10 j 05:14	19°♄50'28	0.56386 AU	
min. Earth dist.	-3106 Mar 28 j 14:21	9°♄57'55	0.55334 AU	morning rise	-3105 Mar 16 j 02:35	16°♄50'13		
desc. node	-3106 Mar 29 j 19:26	9°♄16'30		desc. node	-3105 Mar 16 j 16:31	16°♄38'56		
morning rise	-3106 Apr 05 j 07:32	6°♄30'02		direct	-3105 Mar 20 j 17:25	16°♄01'35		
direct	-3106 Apr 08 j 18:47	6°♄03'49		morning max el	-3105 Apr 03 j 19:39	23°♄11'21	24°50'35	
morning max el	-3106 Apr 22 j 04:33	12°♄36'54	23°11'44		-3105 Apr 09 j 21:41	0°♄		
	-3106 May 05 j 06:49	0°♄			-3105 Apr 27 j 18:42	0°♄		
asc. node	-3106 May 14 j 22:36	18°♄25'43		morning set	-3105 Apr 29 j 18:15	4°♄06'35		
morning set	-3106 May 15 j 06:04	19°♄04'42		asc. node	-3105 May 01 j 19:36	8°♄28'44		
	-3106 May 20 j 09:09	0°♄						
superior conj	-3106 May 22 j 09:22	4°♄18'09	1°10'44	superior conj	-3105 May 06 j 18:42	19°♄14'05	0°49'50	
minimum elong	-3106 May 22 j 06:49	4°♄04'34	1°10'24	minimum elong	-3105 May 06 j 16:41	19°♄03'08	0°49'29	
max. Earth dist.	-3106 May 24 j 19:33	9°♄26'26	1.33845 AU	max. Earth dist.	-3105 May 08 j 02:40	22°♄07'08	1.33057 AU	
evening rise	-3106 May 30 j 00:48	20°♄07'18			-3105 May 11 j 19:26	0°♄		
	-3106 Jun 04 j 04:32	0°♄		evening rise	-3105 May 14 j 00:48	4°♄35'53		
	-3106 Jun 23 j 01:43	0°♄			-3105 May 27 j 21:07	0°♄		
desc. node	-3106 Jun 25 j 18:28	3°♄27'48		desc. node	-3105 Jun 12 j 15:29	21°♄32'38		
evening max el	-3106 Jul 03 j 02:15	11°♄34'50	27°20'52	evening max el	-3105 Jun 15 j 11:13	24°♄25'18	27°21'48	
retrograde	-3106 Jul 16 j 15:09	18°♄58'12			-3105 Jun 22 j 20:20	0°♄		
evening set	-3106 Jul 23 j 17:41	16°♄13'14		retrograde	-3105 Jun 29 j 07:04	1°♄47'30		
min. Earth dist.	-3106 Jul 27 j 09:49	12°♄48'43	0.64263 AU		-3105 Jul 05 j 08:29	30°♄18'35		
inferior conj	-3106 Jul 29 j 18:46	10°♄15'39	-3°29'29	evening set	-3105 Jul 06 j 10:21	29°♄18'35		
minimum elong	-3106 Jul 29 j 22:46	10°♄04'54	3°28'24	min. Earth dist.	-3105 Jul 10 j 00:19	26°♄22'14	0.62565 AU	
morning rise	-3106 Aug 05 j 04:36	4°♄50'30		inferior conj	-3105 Jul 12 j 22:24	23°♄34'02	-4°04'12	
direct	-3106 Aug 07 j 21:34	4°♄12'53		minimum elong	-3105 Jul 13 j 01:45	23°♄25'58	4°03'35	
asc. node	-3106 Aug 10 j 21:55	4°♄59'29		morning rise	-3105 Jul 19 j 18:20	18°♄27'46		
morning max el	-3106 Aug 14 j 09:58	7°♄40'28	18°02'32	direct	-3105 Jul 22 j 08:17	17°♄57'23		
	-3106 Aug 29 j 07:36	0°♄		asc. node	-3105 Jul 28 j 18:58	21°♄07'50		
morning set	-3106 Aug 31 j 22:53	4°♄29'35		morning max el	-3105 Jul 29 j 00:51	21°♄22'03	17°55'42	
					-3105 Aug 04 j 14:19	0°♄		
superior conj	-3106 Sep 14 j 03:13	26°♄27'29	0°47'38	morning set	-3105 Aug 14 j 09:25	16°♄53'54		
minimum elong	-3106 Sep 14 j 08:12	26°♄47'39	0°47'04		-3105 Aug 21 j 19:21	0°♄		
	-3106 Sep 16 j 07:52	0°♄		superior conj	-3105 Aug 25 j 16:58	6°♄41'53	1°21'38	
max. Earth dist.	-3106 Sep 19 j 01:27	4°♄22'10	1.44298 AU	minimum elong	-3105 Aug 25 j 22:17	7°♄04'23	1°21'12	
desc. node	-3106 Sep 21 j 17:55	8°♄37'28		max. Earth dist.	-3105 Sep 01 j 15:05	18°♄11'37	1.43109 AU	
evening rise	-3106 Sep 30 j 12:22	22°♄18'04		desc. node	-3105 Sep 08 j 14:53	29°♄21'02		
	-3106 Oct 05 j 12:33	0°♄			-3105 Sep 09 j 00:50	0°♄		
greatest brilliancy	-3106 Oct 14 j 06:05	13°♄10'54	-0.6m	evening rise	-3105 Sep 09 j 17:18	1°♄04'16		
	-3106 Oct 26 j 19:40	0°♄			-3105 Sep 29 j 03:29	0°♄		
evening max el	-3106 Oct 27 j 07:13	0°♄30'19	20°12'46	evening max el	-3105 Oct 10 j 05:59	13°♄56'42	21°21'22	
retrograde	-3106 Nov 04 j 02:06	5°♄04'46		retrograde	-3105 Oct 18 j 22:50	19°♄06'23		
asc. node	-3106 Nov 06 j 20:55	4°♄19'54		evening set	-3105 Oct 23 j 01:50	17°♄31'11		
evening set	-3106 Nov 07 j 18:07	3°♄46'37		asc. node	-3105 Oct 24 j 18:00	15°♄58'21		
	-3106 Nov 11 j 11:19	30°♄18'24		inferior conj	-3105 Oct 28 j 10:30	11°♄18'26	1°14'35	
inferior conj	-3106 Nov 13 j 05:21	27°♄42'24	2°03'39	minimum elong	-3105 Oct 28 j 08:51	11°♄24'08	1°13'54	
minimum elong	-3106 Nov 13 j 02:49	27°♄50'55	2°02'40	min. Earth dist.	-3105 Oct 28 j 18:23	10°♄51'20	0.67271 AU	
min. Earth dist.	-3106 Nov 14 j 00:28	26°♄38'23	0.66753 AU	morning rise	-3105 Nov 02 j 15:41	5°♄03'40		
morning rise	-3106 Nov 18 j 11:18	21°♄28'15		direct	-3105 Nov 07 j 17:57	2°♄53'12		
direct	-3106 Nov 24 j 04:48	18°♄57'24		morning max el	-3105 Nov 18 j 05:02	9°♄07'44	23°31'00	
morning max el	-3106 Dec 05 j 20:06	25°♄52'59	24°56'50		-3105 Dec 04 j 14:41	0°♄		
	-3106 Dec 09 j 15:06	0°♄		desc. node	-3105 Dec 05 j 14:29	1°♄25'57		
desc. node	-3106 Dec 18 j 17:28	11°♄38'26						

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3105 Dec 23 j 07:48	29° $\mathbb{M}$ 12'37		desc. node	-3104 Nov 21 j 11:29	21° $\mathbb{A}$ 35'17	
	-3105 Dec 23 j 19:01	0° $\mathbb{X}$			-3104 Nov 26 j 23:37	0° $\mathbb{M}$	
max. Earth dist.	-3105 Dec 27 j 12:03	6° $\mathbb{X}$ 23'17	1.39145 AU	morning set	-3104 Dec 02 j 11:06	8° $\mathbb{M}$ 39'11	
				max. Earth dist.	-3104 Dec 08 j 10:56	18° $\mathbb{M}$ 28'53	1.41200 AU
superior conj	-3104 Jan 04 j 00:27	19° $\mathbb{X}$ 59'30	-1°54'22		-3104 Dec 15 j 04:03	0° $\mathbb{X}$	
minimum elong	-3104 Jan 04 j 02:02	20° $\mathbb{X}$ 06'52	1°54'25				
	-3104 Jan 09 j 06:45	0° $\mathbb{B}$		superior conj	-3104 Dec 16 j 04:05	1° $\mathbb{X}$ 46'01	-1°55'28
evening rise	-3104 Jan 13 j 05:17	7° $\mathbb{B}$ 37'56		minimum elong	-3104 Dec 16 j 02:36	1° $\mathbb{X}$ 39'29	1°55'32
asc. node	-3104 Jan 20 j 17:08	21° $\mathbb{B}$ 37'07		evening rise	-3104 Dec 26 j 13:26	20° $\mathbb{X}$ 44'22	
	-3104 Jan 26 j 02:53	0° $\approx$			-3104 Dec 31 j 14:09	0° $\mathbb{B}$	
evening max el	-3104 Jan 29 j 14:08	3° $\approx$ 59'41	18°40'18	asc. node	-3103 Jan 06 j 14:12	10° $\mathbb{B}$ 05'54	
retrograde	-3104 Feb 06 j 11:31	7° $\approx$ 49'25		evening max el	-3103 Jan 11 j 21:29	16° $\mathbb{B}$ 49'19	18°14'23
evening set	-3104 Feb 08 j 22:31	7° $\approx$ 28'31		retrograde	-3103 Jan 18 j 22:18	20° $\mathbb{B}$ 21'12	
inferior conj	-3104 Feb 16 j 13:28	3° $\approx$ 03'27	3°27'59	evening set	-3103 Jan 21 j 12:40	19° $\mathbb{B}$ 53'12	
minimum elong	-3104 Feb 16 j 17:20	2° $\approx$ 56'06	3°27'13	inferior conj	-3103 Jan 28 j 12:17	15° $\mathbb{B}$ 06'40	3°56'47
min. Earth dist.	-3104 Feb 19 j 21:56	0° $\approx$ 31'50	0.58086 AU	minimum elong	-3103 Jan 28 j 13:32	15° $\mathbb{B}$ 03'55	3°56'37
	-3104 Feb 20 j 15:56	30° $\mathbb{R}$ $\mathbb{B}$		min. Earth dist.	-3103 Jan 31 j 19:37	12° $\mathbb{B}$ 12'43	0.60085 AU
morning rise	-3104 Feb 24 j 09:39	27° $\mathbb{B}$ 47'23		morning rise	-3103 Feb 04 j 12:39	9° $\mathbb{B}$ 29'34	
direct	-3104 Mar 01 j 05:03	26° $\mathbb{B}$ 23'44		direct	-3103 Feb 11 j 04:21	7° $\mathbb{B}$ 27'24	
desc. node	-3104 Mar 02 j 13:37	26° $\mathbb{B}$ 28'18		desc. node	-3103 Feb 17 j 10:42	9° $\mathbb{B}$ 06'51	
	-3104 Mar 10 j 20:58	0° $\approx$		morning max el	-3103 Feb 25 j 09:23	15° $\mathbb{B}$ 07'43	27°17'36
morning max el	-3104 Mar 15 j 11:43	3° $\approx$ 53'25	26°17'15		-3103 Mar 09 j 11:12	0° $\approx$	
	-3104 Apr 03 j 08:50	0° $\mathbb{H}$			-3103 Mar 26 j 16:20	0° $\mathbb{H}$	
morning set	-3104 Apr 13 j 05:39	19° $\mathbb{H}$ 05'57		morning set	-3103 Mar 28 j 14:34	3° $\mathbb{H}$ 56'32	
asc. node	-3104 Apr 17 j 16:35	28° $\mathbb{H}$ 38'54		max. Earth dist.	-3103 Apr 04 j 04:16	18° $\mathbb{H}$ 01'03	1.32531 AU
	-3104 Apr 18 j 07:27	0° $\mathbb{Y}$					
superior conj	-3104 Apr 20 j 06:03	4° $\mathbb{Y}$ 14'53	0°26'35	superior conj	-3103 Apr 04 j 17:45	19° $\mathbb{H}$ 14'47	0°01'49
minimum elong	-3104 Apr 20 j 04:54	4° $\mathbb{Y}$ 08'34	0°26'20	minimum elong	-3103 Apr 04 j 17:40	19° $\mathbb{H}$ 14'20	0°01'47
max. Earth dist.	-3104 Apr 20 j 14:51	5° $\mathbb{Y}$ 03'01	1.32624 AU	behind sun begin	-3103 Apr 04 j 12:40	18° $\mathbb{H}$ 47'01	
evening rise	-3104 Apr 27 j 06:50	19° $\mathbb{Y}$ 21'50		behind sun end	-3103 Apr 04 j 22:39	19° $\mathbb{H}$ 41'39	
	-3104 May 02 j 14:28	0° $\mathbb{B}$		asc. node	-3103 Apr 04 j 13:37	18° $\mathbb{H}$ 52'08	
	-3104 May 21 j 14:16	0° $\mathbb{I}$			-3103 Apr 09 j 16:16	0° $\mathbb{Y}$	
evening max el	-3104 May 27 j 15:20	6° $\mathbb{I}$ 37'26	26°49'50	evening rise	-3103 Apr 11 j 16:37	4° $\mathbb{Y}$ 17'03	
desc. node	-3104 May 29 j 12:33	8° $\mathbb{I}$ 19'54			-3103 Apr 25 j 11:54	0° $\mathbb{B}$	
retrograde	-3104 Jun 10 j 15:22	13° $\mathbb{I}$ 56'26		evening max el	-3103 May 09 j 12:53	18° $\mathbb{B}$ 05'42	25°46'55
evening set	-3104 Jun 17 j 09:08	11° $\mathbb{I}$ 56'59		desc. node	-3103 May 16 j 09:37	23° $\mathbb{B}$ 18'24	
min. Earth dist.	-3104 Jun 21 j 04:51	9° $\mathbb{I}$ 15'29	0.60600 AU	retrograde	-3103 May 23 j 14:41	25° $\mathbb{B}$ 19'46	
inferior conj	-3104 Jun 24 j 12:14	6° $\mathbb{I}$ 28'43	-4°23'26	evening set	-3103 May 29 j 10:29	23° $\mathbb{B}$ 58'18	
minimum elong	-3104 Jun 24 j 13:28	6° $\mathbb{I}$ 26'07	4°23'17	min. Earth dist.	-3103 Jun 03 j 01:13	21° $\mathbb{B}$ 14'28	0.58560 AU
morning rise	-3104 Jul 01 j 19:37	1° $\mathbb{I}$ 43'51		inferior conj	-3103 Jun 06 j 08:38	18° $\mathbb{B}$ 50'03	-4°18'16
direct	-3104 Jul 04 j 08:18	1° $\mathbb{I}$ 18'54		minimum elong	-3103 Jun 06 j 06:20	18° $\mathbb{B}$ 54'18	4°18'01
morning max el	-3104 Jul 11 j 13:10	4° $\mathbb{I}$ 50'17	18°07'56	morning rise	-3103 Jun 14 j 04:50	14° $\mathbb{B}$ 27'17	
asc. node	-3104 Jul 14 j 16:01	8° $\mathbb{I}$ 23'13		direct	-3103 Jun 16 j 17:08	14° $\mathbb{B}$ 06'46	
	-3104 Jul 27 j 11:14	0° $\mathbb{B}$		morning max el	-3103 Jun 24 j 20:05	17° $\mathbb{B}$ 57'02	18°40'08
morning set	-3104 Jul 27 j 12:47	0° $\mathbb{B}$ 07'15		asc. node	-3103 Jul 01 j 13:03	26° $\mathbb{B}$ 31'06	
					-3103 Jul 03 j 15:54	0° $\mathbb{I}$	
superior conj	-3104 Aug 06 j 09:37	18° $\mathbb{B}$ 16'23	1°41'22	morning set	-3103 Jul 11 j 04:20	13° $\mathbb{I}$ 57'32	
minimum elong	-3104 Aug 06 j 12:41	18° $\mathbb{B}$ 30'06	1°41'17		-3103 Jul 19 j 11:58	0° $\mathbb{B}$	
	-3104 Aug 13 j 03:19	0° $\mathbb{Q}$		superior conj	-3103 Jul 20 j 00:06	0° $\mathbb{B}$ 57'08	1°48'40
max. Earth dist.	-3104 Aug 13 j 23:33	1° $\mathbb{Q}$ 25'26	1.41429 AU	minimum elong	-3103 Jul 20 j 00:38	0° $\mathbb{B}$ 59'39	1°48'45
evening rise	-3104 Aug 19 j 11:14	10° $\mathbb{Q}$ 27'59		max. Earth dist.	-3103 Jul 27 j 02:46	13° $\mathbb{B}$ 54'31	1.39486 AU
desc. node	-3104 Aug 25 j 11:53	19° $\mathbb{Q}$ 59'24		evening rise	-3103 Jul 31 j 05:39	21° $\mathbb{B}$ 01'36	
	-3104 Sep 01 j 02:39	0° $\mathbb{M}$			-3103 Aug 05 j 16:02	0° $\mathbb{Q}$	
evening max el	-3104 Sep 21 j 22:52	27° $\mathbb{M}$ 23'07	22°38'44	desc. node	-3103 Aug 12 j 08:53	10° $\mathbb{Q}$ 28'24	
	-3104 Sep 24 j 19:01	0° $\mathbb{A}$			-3103 Aug 26 j 04:21	0° $\mathbb{M}$	
retrograde	-3104 Oct 01 j 17:31	3° $\mathbb{A}$ 11'18		evening max el	-3103 Sep 04 j 11:25	10° $\mathbb{M}$ 51'02	23°59'20
evening set	-3104 Oct 06 j 09:31	1° $\mathbb{A}$ 17'09		retrograde	-3103 Sep 15 j 09:00	17° $\mathbb{M}$ 16'11	
	-3104 Oct 07 j 18:15	30° $\mathbb{R}$ $\mathbb{M}$		evening set	-3103 Sep 20 j 15:25	15° $\mathbb{M}$ 02'44	
asc. node	-3104 Oct 10 j 15:06	26° $\mathbb{M}$ 28'36		inferior conj	-3103 Sep 25 j 23:31	8° $\mathbb{M}$ 43'09	-0°31'27
inferior conj	-3104 Oct 11 j 17:08	24° $\mathbb{M}$ 59'15	0°22'21	minimum elong	-3103 Sep 26 j 00:16	8° $\mathbb{M}$ 40'37	0°31'05
minimum elong	-3104 Oct 11 j 16:37	25° $\mathbb{M}$ 01'04	0°22'08	min. Earth dist.	-3103 Sep 25 j 10:39	9° $\mathbb{M}$ 26'49	0.67372 AU
min. Earth dist.	-3104 Oct 11 j 14:35	25° $\mathbb{M}$ 08'06	0.67474 AU	asc. node	-3103 Sep 27 j 12:12	6° $\mathbb{M}$ 40'44	
morning rise	-3104 Oct 16 j 23:36	18° $\mathbb{M}$ 46'31		morning rise	-3103 Oct 01 j 09:05	2° $\mathbb{M}$ 35'11	
direct	-3104 Oct 21 j 11:06	16° $\mathbb{M}$ 58'05		direct	-3103 Oct 05 j 07:19	1° $\mathbb{M}$ 07'39	
morning max el	-3104 Oct 30 j 17:33	22° $\mathbb{M}$ 27'49	22°05'22	morning max el	-3103 Oct 13 j 12:27	5° $\mathbb{M}$ 56'09	20°47'00
	-3104 Nov 06 j 04:45	0° $\mathbb{A}$			-3103 Oct 31 j 10:35	0° $\mathbb{A}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3103 Nov 08 j 08:29	11°♄59'43	direct	-3102 Sep 19 j 05:20	15°♄18'54	
morning set	-3103 Nov 11 j 14:28	17°♄01'24	morning max el	-3102 Sep 26 j 14:42	19°♄33'43	19°40'48
	-3103 Nov 19 j 19:08	0°♄		-3102 Oct 04 j 20:35	0°♄	
max. Earth dist.	-3103 Nov 20 j 16:45	1°♄27'25	1.42981 AU	morning set	-3102 Oct 21 j 13:33	25°♄19'07
				-3102 Oct 24 j 13:48	0°♄	
superior conj	-3103 Nov 27 j 07:10	12°♄20'27	-1°42'23	desc. node	-3102 Oct 26 j 05:30	2°♄34'52
minimum elong	-3103 Nov 27 j 01:43	11°♄57'36	1°42'03	max. Earth dist.	-3102 Nov 03 j 05:16	15°♄09'20
	-3103 Dec 07 j 12:41	0°♄				1.44248 AU
evening rise	-3103 Dec 09 j 06:50	3°♄06'30		superior conj	-3102 Nov 07 j 06:57	21°♄39'25
asc. node	-3103 Dec 24 j 11:17	27°♄49'42		minimum elong	-3102 Nov 06 j 23:40	21°♄10'13
	-3103 Dec 26 j 10:17	0°♄			-3102 Nov 12 j 10:22	1°11'29
evening max el	-3103 Dec 26 j 08:50	29°♄56'22	18°08'11	evening rise	-3102 Nov 21 j 05:00	0°♄
retrograde	-3102 Jan 01 j 23:31	3°♄23'58			-3102 Nov 30 j 09:46	14°♄36'00
evening set	-3102 Jan 04 j 17:09	2°♄47'57		evening max el	-3102 Dec 09 j 21:29	0°♄
	-3102 Jan 08 j 18:41	30°♄		asc. node	-3102 Dec 11 j 08:20	13°♄15'04
inferior conj	-3102 Jan 11 j 04:32	27°♄40'21	3°58'18	retrograde	-3102 Dec 16 j 10:43	18°20'57
minimum elong	-3102 Jan 11 j 03:23	27°♄43'13	3°58'08	evening set	-3102 Dec 19 j 08:29	14°♄36'00
min. Earth dist.	-3102 Jan 14 j 01:23	24°♄47'30	0.62074 AU	inferior conj	-3102 Dec 25 j 10:22	16°♄49'28
morning rise	-3102 Jan 17 j 12:34	21°♄49'06		minimum elong	-3102 Dec 25 j 07:48	16°♄04'10
direct	-3102 Jan 24 j 13:18	19°♄16'01		min. Earth dist.	-3102 Dec 27 j 16:49	10°♄37'15
desc. node	-3102 Feb 04 j 07:47	24°♄06'55		morning rise	-3102 Dec 31 j 06:31	3°40'36
morning max el	-3102 Feb 07 j 13:15	27°♄02'02	27°43'07	direct	-3101 Jan 07 j 06:12	10°♄44'29
	-3102 Feb 10 j 09:15	0°♄		morning max el	-3101 Jan 20 j 21:15	3°40'06
	-3102 Mar 03 j 01:06	0°♄		desc. node	-3101 Jan 22 j 04:52	8°♄04'23
morning set	-3102 Mar 12 j 18:52	18°♄30'13			-3101 Jan 22 j 04:52	0.63840 AU
	-3102 Mar 18 j 06:21	0°♄		morning set	-3101 Feb 05 j 22:47	4°♄36'20
max. Earth dist.	-3102 Mar 18 j 14:53	0°♄45'56	1.32785 AU	max. Earth dist.	-3101 Feb 23 j 07:48	1°♄46'50
					-3101 Jan 20 j 21:15	9°♄32'10
superior conj	-3102 Mar 20 j 04:05	4°♄07'05	-0°23'40		-3101 Jan 22 j 04:52	27°32'20
minimum elong	-3102 Mar 20 j 05:10	4°♄12'56	0°23'29	superior conj	-3101 Feb 05 j 22:47	10°♄52'49
asc. node	-3102 Mar 22 j 10:39	9°♄03'42		minimum elong	-3101 Feb 23 j 07:48	0°♄
evening rise	-3102 Mar 27 j 04:07	19°♄13'44		asc. node	-3101 Feb 24 j 16:01	2°♄38'17
	-3102 Apr 01 j 11:37	0°♄			-3101 Mar 01 j 18:42	13°♄04'12
evening max el	-3102 Apr 21 j 05:16	28°♄58'44	24°21'43			1.33431 AU
	-3102 Apr 22 j 07:43	0°♄		superior conj	-3101 Mar 04 j 11:18	18°♄45'51
desc. node	-3102 May 03 j 06:41	5°♄51'25		minimum elong	-3101 Mar 04 j 13:29	-0°48'52
retrograde	-3102 May 05 j 03:05	5°♄59'18		asc. node	-3101 Mar 09 j 07:40	18°♄57'27
evening set	-3102 May 09 j 15:00	5°♄13'51			-3101 Mar 09 j 17:09	0°48'31
min. Earth dist.	-3102 May 15 j 17:01	2°♄12'21	0.56743 AU	evening rise	-3101 Mar 11 j 15:32	29°♄09'24
inferior conj	-3102 May 18 j 09:06	0°♄30'38	-3°37'57		-3101 Mar 11 j 15:32	0°♄
minimum elong	-3102 May 18 j 03:26	0°♄39'41	3°36'46	evening max el	-3101 Mar 25 j 21:47	4°♄05'32
	-3102 May 19 j 04:25	30°♄		retrograde	-3101 Apr 02 j 21:39	0°♄
morning rise	-3102 May 26 j 19:00	26°♄26'09		evening set	-3101 Apr 16 j 02:31	9°♄39'42
direct	-3102 May 29 j 07:09	26°♄09'06		desc. node	-3101 Apr 19 j 07:25	22°47'28
	-3102 Jun 07 j 04:04	0°♄		min. Earth dist.	-3101 Apr 20 j 03:47	16°♄08'59
morning max el	-3102 Jun 07 j 18:49	0°♄33'13	19°32'51	inferior conj	-3101 Apr 27 j 07:13	15°♄46'31
asc. node	-3102 Jun 18 j 10:07	15°♄19'29		minimum elong	-3101 Apr 28 j 14:56	12°♄16'00
morning set	-3102 Jun 25 j 04:34	28°♄15'57		morning rise	-3101 Apr 28 j 09:20	0.55506 AU
	-3102 Jun 26 j 01:20	0°♄		direct	-3101 Apr 28 j 09:20	11°♄30'20
				morning max el	-3101 May 07 j 13:23	-2°16'09
superior conj	-3102 Jul 03 j 06:46	14°♄28'12	1°46'13		-3101 May 10 j 03:43	11°♄38'25
minimum elong	-3102 Jul 03 j 05:26	14°♄21'39	1°46'16	asc. node	-3101 May 21 j 07:03	2°14'25
max. Earth dist.	-3102 Jul 09 j 04:57	25°♄49'07	1.37550 AU	morning rise	-3101 Jun 02 j 19:42	7°♄33'48
	-3102 Jul 11 j 11:35	0°♄		direct	-3101 Jun 05 j 07:09	7°♄17'55
evening rise	-3102 Jul 13 j 01:24	2°♄50'01		morning set	-3101 Jun 09 j 10:45	12°♄29'41
	-3102 Jul 29 j 18:14	0°♄			-3101 Jun 02 j 19:42	20°45'34
desc. node	-3102 Jul 30 j 05:53	0°♄42'58		superior conj	-3101 Jun 17 j 00:54	0°♄
evening max el	-3102 Aug 17 j 22:17	24°♄22'29	25°16'11	minimum elong	-3101 Jun 16 j 22:32	28°♄35'24
	-3102 Aug 25 j 04:14	0°♄			-3101 Jun 16 j 22:32	1°36'28
retrograde	-3102 Aug 29 j 20:24	1°♄17'02		max. Earth dist.	-3101 Jun 17 j 17:29	28°♄23'21
	-3102 Sep 03 j 02:11	30°♄		evening rise	-3101 Jun 21 j 12:44	1°36'21
evening set	-3102 Sep 04 j 17:42	28°♄46'14		desc. node	-3101 Jun 25 j 17:56	0°♄
min. Earth dist.	-3102 Sep 09 j 04:14	23°♄46'00	0.66956 AU		-3101 Jul 03 j 19:10	7°♄36'15
inferior conj	-3102 Sep 10 j 03:55	22°♄28'33	-1°25'08	evening max el	-3101 Jul 17 j 02:53	15°♄41'13
minimum elong	-3102 Sep 10 j 05:56	22°♄21'57	1°24'15	retrograde	-3101 Jul 24 j 06:03	0°♄
asc. node	-3102 Sep 14 j 09:17	17°♄33'42		evening set	-3101 Jul 31 j 09:28	20°♄35'55
morning rise	-3102 Sep 15 j 18:16	16°♄28'19		min. Earth dist.	-3101 Aug 13 j 02:56	0°♄
				inferior conj	-3101 Aug 19 j 14:16	7°♄54'52
				minimum elong	-3101 Aug 23 j 16:50	26°21'15
				morning rise	-3101 Aug 25 j 07:36	15°♄07'32
				asc. node	-3101 Aug 31 j 01:11	12°♄24'15
				direct	-3101 Aug 25 j 07:36	8°♄01'44
					-3101 Aug 25 j 07:36	0.66204 AU
					-3101 Aug 31 j 01:11	6°♄12'03
					-3101 Aug 31 j 18:45	-2°17'01
					-3101 Sep 01 j 06:22	2°15'49
					-3101 Sep 03 j 03:26	0°♄22'45
						30°♄
						29°♄48'16
						29°♄28'06



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3101 Sep 05 j 13:29	0°♌		morning max el	-3100 Aug 23 j 12:26	17°♊04'59	18°14'38
morning max el	-3101 Sep 09 j 23:20	3°♌17'41	18°49'28		-3100 Sep 01 j 22:06	0°♌	
	-3101 Sep 28 j 09:50	0°♍		morning set	-3100 Sep 11 j 03:33	15°♌10'01	
morning set	-3101 Oct 01 j 06:46	4°♍34'07			-3100 Sep 20 j 04:48	0°♍	
desc. node	-3101 Oct 13 j 02:28	23°♍16'15					
				superior conj	-3100 Sep 25 j 12:02	8°♍30'16	0°22'08
superior conj	-3101 Oct 17 j 09:57	0°♎03'46	-0°27'19	minimum elong	-3100 Sep 25 j 14:46	8°♍41'06	0°21'49
minimum elong	-3101 Oct 17 j 06:23	29°♍49'40	0°26'52	max. Earth dist.	-3100 Sep 28 j 16:48	13°♍34'39	1.44710 AU
max. Earth dist.	-3101 Oct 16 j 22:15	29°♍17'40	1.44846 AU	desc. node	-3100 Sep 28 j 23:25	14°♍00'46	
	-3101 Oct 17 j 09:00	0°♎			-3100 Oct 09 j 04:12	0°♎	
evening rise	-3101 Nov 02 j 03:37	25°♎04'20		evening rise	-3100 Oct 12 j 02:02	4°♎31'58	
	-3101 Nov 05 j 05:05	0°♎		greatest brilliancy	-3100 Oct 24 j 03:00	23°♎07'00	-0.7m
evening max el	-3101 Nov 23 j 08:47	26°♎39'51	18°51'43		-3100 Oct 28 j 18:30	0°♎	
	-3101 Nov 27 j 19:20	0°♏		evening max el	-3100 Nov 05 j 16:24	10°♎06'32	19°38'56
asc. node	-3101 Nov 28 j 05:24	0°♏09'49		retrograde	-3100 Nov 13 j 00:47	14°♎22'48	
retrograde	-3101 Nov 30 j 04:11	0°♏30'52		asc. node	-3100 Nov 14 j 02:28	14°♎16'11	
	-3101 Dec 02 j 11:51	30°♏		evening set	-3100 Nov 16 j 11:39	13°♎13'07	
evening set	-3101 Dec 03 j 07:32	29°♏34'27		inferior conj	-3100 Nov 22 j 01:05	7°♎15'14	2°29'41
inferior conj	-3101 Dec 09 j 02:13	23°♏50'35	3°09'44	minimum elong	-3100 Nov 21 j 22:12	7°♎24'39	2°28'41
minimum elong	-3101 Dec 08 j 23:08	24°♏00'01	3°08'52	min. Earth dist.	-3100 Nov 23 j 03:08	5°♎50'11	0.66311 AU
min. Earth dist.	-3101 Dec 10 j 17:51	21°♏49'10	0.65261 AU	morning rise	-3100 Nov 27 j 08:32	1°♏02'54	
morning rise	-3101 Dec 14 j 14:25	17°♏42'54			-3100 Nov 28 j 16:09	30°♏	
direct	-3101 Dec 21 j 05:32	14°♏52'07		direct	-3100 Dec 03 j 10:32	28°♏22'43	
morning max el	-3100 Jan 03 j 06:45	22°♏27'21	26°49'40		-3100 Dec 08 j 17:48	0°♏	
desc. node	-3100 Jan 09 j 01:57	28°♏54'07		morning max el	-3100 Dec 15 j 15:56	5°♏36'05	25°42'43
	-3100 Jan 09 j 23:27	0°♏		desc. node	-3100 Dec 25 j 22:59	17°♏48'07	
	-3100 Jan 30 j 04:16	0°♏			-3099 Jan 03 j 13:20	0°♏	
morning set	-3100 Feb 08 j 02:42	16°♏10'24		morning set	-3099 Jan 20 j 22:20	28°♏52'15	
max. Earth dist.	-3100 Feb 12 j 12:24	24°♏48'45	1.34516 AU		-3099 Jan 21 j 13:05	0°♏	
	-3100 Feb 15 j 01:38	0°♏		max. Earth dist.	-3099 Jan 24 j 18:35	6°♏03'17	1.36050 AU
superior conj	-3100 Feb 16 j 13:20	3°♏04'35	-1°12'37	superior conj	-3099 Jan 30 j 07:29	16°♏54'24	-1°33'20
minimum elong	-3100 Feb 16 j 16:21	3°♏20'14	1°12'13	minimum elong	-3099 Jan 30 j 10:47	17°♏10'56	1°33'03
evening rise	-3100 Feb 24 j 01:09	18°♏46'46			-3099 Feb 05 j 17:40	0°♏	
asc. node	-3100 Feb 24 j 04:41	19°♏05'04		evening rise	-3099 Feb 07 j 06:57	3°♏10'12	
	-3100 Feb 29 j 16:11	0°♏		asc. node	-3099 Feb 10 j 01:42	8°♏45'03	
evening max el	-3100 Mar 14 j 20:15	20°♏35'54	21°17'38		-3099 Feb 23 j 05:21	0°♏	
retrograde	-3100 Mar 26 j 16:32	26°♏17'26		evening max el	-3099 Feb 25 j 04:50	2°♏03'43	20°01'38
evening set	-3100 Mar 29 j 03:15	26°♏03'43		retrograde	-3099 Mar 07 j 08:42	6°♏53'48	
desc. node	-3100 Apr 06 j 00:52	22°♏51'17		evening set	-3099 Mar 09 j 14:57	6°♏40'30	
inferior conj	-3100 Apr 07 j 10:26	22°♏04'19	-0°23'28	inferior conj	-3099 Mar 18 j 09:26	2°♏40'09	1°30'05
minimum elong	-3100 Apr 07 j 09:19	22°♏05'53	0°23'05	minimum elong	-3099 Mar 18 j 13:06	2°♏34'33	1°28'50
min. Earth dist.	-3100 Apr 07 j 21:01	21°♏49'24	0.55125 AU	min. Earth dist.	-3099 Mar 20 j 11:01	1°♏25'03	0.55684 AU
morning rise	-3100 Apr 16 j 15:21	17°♏59'39			-3099 Mar 22 j 23:13	30°♏	
direct	-3100 Apr 19 j 15:48	17°♏39'45		desc. node	-3099 Mar 23 j 21:59	29°♏31'18	
morning max el	-3100 May 02 j 08:28	23°♏44'22	22°15'15	morning rise	-3099 Mar 27 j 09:15	28°♏10'32	
	-3100 May 07 j 22:14	0°♏		direct	-3099 Mar 31 j 07:22	27°♏36'44	
asc. node	-3100 May 22 j 04:11	24°♏19'06			-3099 Apr 08 j 07:42	0°♏	
morning set	-3100 May 23 j 20:44	27°♏47'49		morning max el	-3099 Apr 14 j 01:49	4°♏26'46	23°54'23
	-3100 May 24 j 22:02	0°♏			-3099 May 01 j 22:35	0°♏	
				morning set	-3099 May 08 j 08:35	12°♏47'58	
superior conj	-3100 May 31 j 02:59	13°♏08'24	1°21'20	asc. node	-3099 May 09 j 01:12	14°♏15'24	
minimum elong	-3100 May 31 j 00:20	12°♏54'28	1°21'03				
max. Earth dist.	-3100 Jun 03 j 06:12	19°♏40'16	1.34469 AU	superior conj	-3099 May 15 j 10:17	27°♏57'41	1°02'13
evening rise	-3100 Jun 08 j 02:03	29°♏20'32		minimum elong	-3099 May 15 j 07:55	27°♏44'56	1°01'51
	-3100 Jun 08 j 10:10	0°♏			-3099 May 16 j 09:04	0°♏	
	-3100 Jun 25 j 21:47	0°♏		max. Earth dist.	-3099 May 17 j 09:03	2°♏08'07	1.33467 AU
desc. node	-3100 Jul 02 j 23:53	9°♏58'03		evening rise	-3099 May 22 j 21:13	13°♏33'45	
evening max el	-3100 Jul 12 j 21:07	21°♏20'33	27°06'30		-3099 May 31 j 14:04	0°♏	
retrograde	-3100 Jul 26 j 04:02	28°♏41'15		desc. node	-3099 Jun 19 j 20:56	28°♏35'59	
evening set	-3100 Aug 02 j 02:36	25°♏53'42			-3099 Jun 21 j 01:57	0°♏	
min. Earth dist.	-3100 Aug 05 j 22:05	22°♏09'03	0.65089 AU	evening max el	-3099 Jun 25 j 07:32	4°♏26'38	27°25'06
inferior conj	-3100 Aug 07 j 22:58	19°♏50'11	-3°04'53	retrograde	-3099 Jul 08 j 23:24	11°♏49'27	
minimum elong	-3100 Aug 08 j 02:52	19°♏39'08	3°03'38	evening set	-3099 Jul 16 j 03:33	9°♏09'24	
morning rise	-3100 Aug 14 j 03:36	14°♏15'14		min. Earth dist.	-3099 Jul 19 j 18:04	5°♏58'25	0.63587 AU
direct	-3100 Aug 16 j 23:25	13°♏32'07		inferior conj	-3099 Jul 22 j 08:53	3°♏17'20	-3°45'41
asc. node	-3100 Aug 18 j 03:27	13°♏39'29		minimum elong	-3099 Jul 22 j 12:45	3°♏07'22	3°44'46

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3099 Jul 25 j 19:48	30° $\mathbb{R}\mathbb{II}$		direct	-3098 Jul 14 j 20:53	11° $\mathbb{II}01'16$	
morning rise	-3099 Jul 28 j 22:52	28° $\mathbb{II}00'03$		morning max el	-3098 Jul 21 j 17:42	14° $\mathbb{II}27'27$	17°58'37
direct	-3099 Jul 31 j 14:24	27° $\mathbb{II}25'41$		asc. node	-3098 Jul 22 j 21:35	15° $\mathbb{II}40'10$	
asc. node	-3099 Aug 05 j 00:31	29° $\mathbb{II}01'39$			-3098 Aug 01 j 10:08	0° $\mathbb{E}$	
	-3099 Aug 06 j 05:55	0° $\mathbb{E}$		morning set	-3098 Aug 06 j 20:11	9° $\mathbb{E}45'34$	
morning max el	-3099 Aug 07 j 03:30	0° $\mathbb{E}50'33$	17°57'25				
morning set	-3099 Aug 24 j 01:53	26° $\mathbb{E}59'11$		superior conj	-3098 Aug 17 j 11:43	28° $\mathbb{E}47'59$	1°31'41
	-3099 Aug 25 j 19:33	0° $\mathbb{L}$		minimum elong	-3098 Aug 17 j 16:13	29° $\mathbb{E}07'32$	1°31'24
					-3098 Aug 18 j 04:22	0° $\mathbb{L}$	
superior conj	-3099 Sep 05 j 10:05	17° $\mathbb{L}58'10$	1°03'48	max. Earth dist.	-3098 Aug 24 j 20:23	11° $\mathbb{L}14'27$	1.42433 AU
minimum elong	-3099 Sep 05 j 15:41	18° $\mathbb{L}21'17$	1°03'14	evening rise	-3098 Aug 31 j 16:37	22° $\mathbb{L}16'13$	
max. Earth dist.	-3099 Sep 11 j 09:12	27° $\mathbb{L}40'03$	1.43865 AU	desc. node	-3098 Sep 02 j 17:21	25° $\mathbb{L}27'25$	
	-3099 Sep 12 j 20:13	0° $\mathbb{N}$			-3098 Sep 05 j 15:47	0° $\mathbb{N}$	
desc. node	-3099 Sep 15 j 20:22	4° $\mathbb{N}45'41$			-3098 Sep 26 j 14:13	0° $\mathbb{L}$	
evening rise	-3099 Sep 21 j 08:23	13° $\mathbb{N}20'26$		evening max el	-3098 Oct 02 j 14:36	6° $\mathbb{L}58'58$	21°53'28
	-3099 Oct 02 j 07:28	0° $\mathbb{L}$		retrograde	-3098 Oct 11 j 18:20	12° $\mathbb{L}25'32$	
evening max el	-3099 Oct 19 j 18:34	23° $\mathbb{L}33'06$	20°40'32	evening set	-3098 Oct 16 j 02:33	10° $\mathbb{L}42'32$	
retrograde	-3099 Oct 27 j 22:10	28° $\mathbb{L}22'07$		asc. node	-3098 Oct 18 j 20:39	7° $\mathbb{L}52'36$	
evening set	-3099 Oct 31 j 18:38	26° $\mathbb{L}56'50$		inferior conj	-3098 Oct 21 j 10:35	4° $\mathbb{L}26'58$	0°52'43
asc. node	-3099 Oct 31 j 23:33	26° $\mathbb{L}47'28$		minimum elong	-3098 Oct 21 j 09:23	4° $\mathbb{L}31'06$	0°52'13
inferior conj	-3099 Nov 06 j 04:34	20° $\mathbb{L}48'17$	1°43'19	min. Earth dist.	-3098 Oct 21 j 13:57	4° $\mathbb{L}15'17$	0.67390 AU
minimum elong	-3099 Nov 06 j 02:21	20° $\mathbb{L}55'47$	1°42'27		-3098 Oct 24 j 20:52	30° $\mathbb{R}\mathbb{N}$	
min. Earth dist.	-3099 Nov 06 j 18:39	20° $\mathbb{L}00'23$	0.67011 AU	morning rise	-3098 Oct 26 j 16:03	28° $\mathbb{N}12'28$	
morning rise	-3099 Nov 11 j 09:55	14° $\mathbb{L}33'35$		direct	-3098 Oct 31 j 11:48	26° $\mathbb{N}11'26$	
direct	-3099 Nov 16 j 20:50	12° $\mathbb{L}11'18$			-3098 Nov 08 j 04:49	0° $\mathbb{L}$	
morning max el	-3099 Nov 28 j 00:40	18° $\mathbb{L}50'32$	24°20'55	morning max el	-3098 Nov 10 j 10:47	2° $\mathbb{L}07'34$	22°54'02
	-3099 Dec 07 j 11:19	0° $\mathbb{N}$		desc. node	-3098 Nov 29 j 16:59	27° $\mathbb{L}17'08$	
desc. node	-3099 Dec 12 j 19:59	7° $\mathbb{N}19'31$			-3098 Dec 01 j 12:49	0° $\mathbb{N}$	
	-3099 Dec 27 j 16:15	0° $\mathbb{L}$		morning set	-3098 Dec 14 j 17:15	20° $\mathbb{N}43'28$	
morning set	-3098 Jan 02 j 21:12	10° $\mathbb{L}28'26$		max. Earth dist.	-3098 Dec 19 j 11:43	28° $\mathbb{N}44'49$	1.40033 AU
max. Earth dist.	-3098 Jan 06 j 16:02	17° $\mathbb{L}10'41$	1.37953 AU		-3098 Dec 20 j 05:12	0° $\mathbb{L}$	
superior conj	-3098 Jan 13 j 14:23	0° $\mathbb{Z}05'58$	-1°48'53	superior conj	-3098 Dec 27 j 05:29	12° $\mathbb{L}27'12$	-1°56'19
minimum elong	-3098 Jan 13 j 16:59	0° $\mathbb{Z}18'29$	1°48'49	minimum elong	-3098 Dec 27 j 05:58	12° $\mathbb{L}29'22$	1°56'25
	-3098 Jan 13 j 13:08	0° $\mathbb{Z}$		evening rise	-3097 Jan 05 j 21:24	0° $\mathbb{Z}36'56$	
evening rise	-3098 Jan 22 j 06:39	17° $\mathbb{Z}09'28$			-3097 Jan 05 j 13:39	0° $\mathbb{Z}$	
asc. node	-3098 Jan 27 j 22:44	28° $\mathbb{Z}03'34$		asc. node	-3097 Jan 14 j 19:48	16° $\mathbb{Z}53'00$	
	-3098 Jan 29 j 00:28	0° $\mathbb{N}$		evening max el	-3097 Jan 22 j 03:38	26° $\mathbb{Z}43'33$	18°26'51
evening max el	-3098 Feb 07 j 23:56	14° $\mathbb{N}07'58$	19°04'13		-3097 Jan 27 j 03:57	0° $\mathbb{N}$	
retrograde	-3098 Feb 16 j 14:40	18° $\mathbb{N}15'39$		retrograde	-3097 Jan 29 j 15:00	0° $\mathbb{N}23'49$	
evening set	-3098 Feb 18 j 23:17	17° $\mathbb{N}58'24$		evening set	-3097 Feb 01 j 03:23	0° $\mathbb{N}00'08$	
inferior conj	-3098 Feb 27 j 00:13	13° $\mathbb{N}44'25$	2°55'42		-3097 Feb 01 j 03:34	30° $\mathbb{R}\mathbb{Z}$	
minimum elong	-3098 Feb 27 j 04:59	13° $\mathbb{N}36'04$	2°54'29	inferior conj	-3097 Feb 08 j 11:30	25° $\mathbb{Z}26'25$	3°44'04
min. Earth dist.	-3098 Mar 02 j 02:29	11° $\mathbb{N}35'53$	0.57048 AU	minimum elong	-3097 Feb 08 j 14:18	25° $\mathbb{Z}20'42$	3°43'38
morning rise	-3098 Mar 07 j 07:56	8° $\mathbb{N}43'29$		min. Earth dist.	-3097 Feb 11 j 21:14	22° $\mathbb{Z}41'57$	0.58919 AU
desc. node	-3098 Mar 10 j 19:06	7° $\mathbb{N}48'00$		morning rise	-3097 Feb 15 j 22:57	20° $\mathbb{Z}00'11$	
direct	-3098 Mar 12 j 11:08	7° $\mathbb{N}41'21$		direct	-3097 Feb 22 j 04:21	18° $\mathbb{Z}19'32$	
morning max el	-3098 Mar 26 j 16:49	15° $\mathbb{N}01'32$	25°29'55	desc. node	-3097 Feb 25 j 16:11	18° $\mathbb{Z}50'20$	
	-3098 Apr 07 j 15:40	0° $\mathbb{H}$		morning max el	-3097 Mar 08 j 10:59	25° $\mathbb{Z}55'28$	26°46'46
morning set	-3098 Apr 22 j 20:38	27° $\mathbb{H}49'22$			-3097 Mar 12 j 06:54	0° $\mathbb{N}$	
	-3098 Apr 23 j 21:21	0° $\mathbb{Y}$			-3097 Mar 31 j 21:21	0° $\mathbb{H}$	
asc. node	-3098 Apr 25 j 22:12	4° $\mathbb{Y}21'55$		morning set	-3097 Apr 07 j 07:13	12° $\mathbb{H}46'01$	
				asc. node	-3097 Apr 12 j 19:14	24° $\mathbb{H}34'16$	
superior conj	-3098 Apr 29 j 20:42	12° $\mathbb{Y}56'14$	0°40'13	superior conj	-3097 Apr 14 j 08:26	27° $\mathbb{H}57'51$	0°16'13
minimum elong	-3098 Apr 29 j 19:01	12° $\mathbb{Y}47'04$	0°39'53	minimum elong	-3097 Apr 14 j 07:43	27° $\mathbb{H}53'56$	0°16'03
max. Earth dist.	-3098 Apr 30 j 18:39	14° $\mathbb{Y}55'43$	1.32828 AU	max. Earth dist.	-3097 Apr 14 j 07:39	27° $\mathbb{H}53'32$	1.32536 AU
evening rise	-3098 May 07 j 00:05	28° $\mathbb{Y}10'13$			-3097 Apr 15 j 06:44	0° $\mathbb{Y}$	
	-3098 May 07 j 21:32	0° $\mathbb{H}$			-3097 Apr 21 j 07:59	13° $\mathbb{Y}01'19$	
	-3098 May 24 j 21:01	0° $\mathbb{II}$		evening rise	-3097 Apr 30 j 00:35	0° $\mathbb{H}$	
desc. node	-3098 Jun 06 j 18:00	16° $\mathbb{II}10'48$			-3097 May 20 j 15:52	28° $\mathbb{H}54'41$	26°26'36
evening max el	-3098 Jun 07 j 14:26	17° $\mathbb{II}00'37$	27°12'10	evening max el	-3097 May 21 j 20:08	0° $\mathbb{II}$	
retrograde	-3098 Jun 21 j 12:23	24° $\mathbb{II}22'25$			-3097 May 24 j 15:05	2° $\mathbb{II}16'37$	
evening set	-3098 Jun 28 j 13:08	22° $\mathbb{II}04'09$		desc. node	-3097 Jun 03 j 17:33	6° $\mathbb{II}12'41$	
min. Earth dist.	-3098 Jul 02 j 04:04	19° $\mathbb{II}16'21$	0.61748 AU	retrograde	-3097 Jun 10 j 03:12	4° $\mathbb{II}28'59$	
inferior conj	-3098 Jul 05 j 07:02	16° $\mathbb{II}26'03$	-4°14'46	evening set	-3097 Jun 14 j 05:05	1° $\mathbb{II}48'22$	0.59716 AU
minimum elong	-3098 Jul 05 j 09:41	16° $\mathbb{II}20'00$	4°14'22	min. Earth dist.	-3097 Jun 16 j 12:10	30° $\mathbb{R}\mathbb{H}$	
morning rise	-3098 Jul 12 j 07:43	11° $\mathbb{II}29'03$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3097 Jun 17 j 13:56	29°♄08'19	-4°24'55	evening max el	-3096 May 01 j 11:05	10°♄07'08	25°12'50
minimum elong	-3097 Jun 17 j 13:48	29°♄08'36	4°24'50	desc. node	-3096 May 10 j 12:11	16°♄18'09	
morning rise	-3097 Jun 25 j 02:36	24°♄32'56		retrograde	-3096 May 15 j 12:16	17°♄16'22	
direct	-3097 Jun 27 j 14:53	24°♄10'06		evening set	-3096 May 20 j 19:10	16°♄11'31	
morning max el	-3097 Jul 05 j 04:09	27°♄48'21	18°19'10	min. Earth dist.	-3096 May 25 j 23:17	13°♄21'40	0.57738 AU
	-3097 Jul 07 j 05:26	0°♄		inferior conj	-3096 May 29 j 02:05	11°♄13'34	-4°06'06
asc. node	-3097 Jul 09 j 18:39	3°♄20'01		minimum elong	-3096 May 28 j 22:09	11°♄20'22	4°05'32
morning set	-3097 Jul 21 j 05:16	23°♄16'18		morning rise	-3096 Jun 06 j 03:59	6°♄58'57	
	-3097 Jul 24 j 18:16	0°♄		direct	-3096 Jun 08 j 16:13	6°♄39'59	
				morning max el	-3096 Jun 17 j 07:49	10°♄43'02	18°59'59
superior conj	-3097 Jul 30 j 14:24	10°♄53'01	1°45'49	asc. node	-3096 Jun 25 j 15:42	21°♄46'38	
minimum elong	-3097 Jul 30 j 16:21	11°♄01'55	1°45'50		-3096 Jun 30 j 06:00	0°♄	
max. Earth dist.	-3097 Aug 07 j 01:58	24°♄08'01	1.40614 AU	morning set	-3096 Jul 04 j 00:54	7°♄19'46	
	-3097 Aug 10 j 13:20	0°♄					
evening rise	-3097 Aug 11 j 20:20	2°♄08'17		superior conj	-3096 Jul 12 j 12:22	23°♄56'42	1°48'39
desc. node	-3097 Aug 20 j 14:21	16°♄02'40		minimum elong	-3096 Jul 12 j 12:01	23°♄54'58	1°48'45
	-3097 Aug 30 j 00:41	0°♄			-3096 Jul 15 j 17:10	0°♄	
evening max el	-3097 Sep 15 j 05:27	20°♄26'23	23°13'03	max. Earth dist.	-3096 Jul 19 j 04:17	6°♄21'05	1.38652 AU
retrograde	-3097 Sep 25 j 11:49	26°♄30'58		evening rise	-3096 Jul 23 j 01:54	13°♄14'38	
evening set	-3097 Sep 30 j 09:42	24°♄28'50			-3096 Aug 02 j 06:22	0°♄	
inferior conj	-3097 Oct 05 j 17:21	18°♄09'50	-0°00'20	desc. node	-3096 Aug 06 j 11:22	6°♄26'22	
minimum elong	-3097 Oct 05 j 17:21	18°♄09'49	0°00'19		-3096 Aug 24 j 00:39	0°♄	
transit middle	-3097 Oct 05 j 17:21	18°♄09'49	0°00'19	evening max el	-3096 Aug 27 j 17:10	3°♄56'26	24°33'01
transit begin	-3097 Oct 05 j 14:39	18°♄19'07		retrograde	-3096 Sep 08 j 01:29	10°♄34'33	
transit end	-3097 Oct 05 j 20:03	18°♄00'32		evening set	-3096 Sep 13 j 14:16	8°♄13'30	
min. Earth dist.	-3097 Oct 05 j 10:30	18°♄33'20	0.67469 AU	min. Earth dist.	-3096 Sep 18 j 05:48	2°♄52'30	0.67238 AU
asc. node	-3097 Oct 05 j 17:45	18°♄08'27		inferior conj	-3096 Sep 18 j 23:06	1°♄54'35	-0°54'17
morning rise	-3097 Oct 11 j 00:54	11°♄58'32		minimum elong	-3096 Sep 19 j 00:23	1°♄50'16	0°53'42
direct	-3097 Oct 15 j 06:34	10°♄19'01			-3096 Sep 20 j 09:53	30°♄	
morning max el	-3097 Oct 24 j 01:38	15°♄30'39	21°30'42	asc. node	-3096 Sep 21 j 14:49	28°♄31'16	
	-3097 Nov 04 j 14:43	0°♄		morning rise	-3096 Sep 24 j 10:29	25°♄49'33	
desc. node	-3097 Nov 16 j 13:59	17°♄33'41		direct	-3096 Sep 28 j 03:48	24°♄29'55	
morning set	-3097 Nov 24 j 08:52	29°♄37'43		morning max el	-3096 Oct 05 j 23:33	29°♄02'36	20°17'10
	-3097 Nov 24 j 14:30	0°♄			-3096 Oct 06 j 21:21	0°♄	
max. Earth dist.	-3097 Dec 01 j 12:57	11°♄11'56	1.42012 AU		-3096 Oct 28 j 05:19	0°♄	
				morning set	-3096 Nov 02 j 07:25	7°♄49'36	
superior conj	-3097 Dec 08 j 23:22	23°♄45'03	-1°51'53	desc. node	-3096 Nov 02 j 10:59	8°♄03'27	
minimum elong	-3097 Dec 08 j 20:12	23°♄31'22	1°51'49	max. Earth dist.	-3096 Nov 12 j 22:15	24°♄32'47	1.43598 AU
	-3097 Dec 12 j 13:03	0°♄			-3096 Nov 16 j 07:15	0°♄	
evening rise	-3097 Dec 19 j 23:47	13°♄25'29					
	-3097 Dec 29 j 08:52	0°♄		superior conj	-3096 Nov 18 j 14:55	3°♄47'45	-1°31'44
asc. node	-3096 Jan 01 j 16:52	5°♄04'15		minimum elong	-3096 Nov 18 j 08:10	3°♄20'01	1°31'11
evening max el	-3096 Jan 05 j 13:07	9°♄42'08	18°09'24	evening rise	-3096 Dec 01 j 09:35	25°♄26'58	
retrograde	-3096 Jan 12 j 08:15	13°♄10'14			-3096 Dec 04 j 00:29	0°♄	
evening set	-3096 Jan 15 j 00:05	12°♄38'52		asc. node	-3096 Dec 18 j 13:55	22°♄25'58	
inferior conj	-3096 Jan 21 j 18:09	7°♄43'24	4°00'13	evening max el	-3096 Dec 19 j 01:25	22°♄55'49	18°11'19
minimum elong	-3096 Jan 21 j 18:17	7°♄43'05	4°00'07	retrograde	-3096 Dec 25 j 14:19	26°♄24'50	
min. Earth dist.	-3096 Jan 24 j 21:56	4°♄47'10	0.60955 AU	evening set	-3096 Dec 28 j 09:41	25°♄44'53	
morning rise	-3096 Jan 28 j 11:05	1°♄59'53		inferior conj	-3095 Jan 03 j 16:41	20°♄28'35	3°52'45
	-3096 Feb 01 j 21:35	30°♄		minimum elong	-3095 Jan 03 j 14:49	20°♄33'32	3°52'27
direct	-3096 Feb 04 j 08:15	29°♄42'51		min. Earth dist.	-3095 Jan 06 j 07:31	17°♄42'42	0.62865 AU
	-3096 Feb 06 j 20:21	0°♄		morning rise	-3095 Jan 09 j 19:10	14°♄33'01	
desc. node	-3096 Feb 12 j 13:17	2°♄33'35		direct	-3095 Jan 16 j 20:35	11°♄51'21	
morning max el	-3096 Feb 18 j 11:07	7°♄25'52	27°32'53	desc. node	-3095 Jan 29 j 10:21	18°♄23'38	
	-3096 Mar 06 j 14:57	0°♄		morning max el	-3095 Jan 30 j 17:01	19°♄37'00	27°42'52
morning set	-3096 Mar 21 j 14:24	27°♄30'20			-3095 Feb 08 j 15:00	0°♄	
	-3096 Mar 22 j 19:15	0°♄			-3095 Feb 27 j 12:04	0°♄	
max. Earth dist.	-3096 Mar 27 j 20:16	10°♄47'32	1.32593 AU	morning set	-3095 Mar 05 j 16:02	11°♄54'49	
				max. Earth dist.	-3095 Mar 11 j 04:42	23°♄24'15	1.33016 AU
superior conj	-3096 Mar 28 j 19:45	12°♄55'32	-0°08'59				
minimum elong	-3096 Mar 28 j 20:09	12°♄57'46	0°08'55	superior conj	-3095 Mar 13 j 05:00	27°♄43'26	-0°34'27
behind sun begin	-3096 Mar 28 j 15:57	12°♄34'50		minimum elong	-3095 Mar 13 j 06:34	27°♄51'51	0°34'10
behind sun end	-3096 Mar 29 j 00:21	13°♄20'42			-3095 Mar 14 j 06:17	0°♄	
asc. node	-3096 Mar 29 j 16:15	14°♄47'31		asc. node	-3095 Mar 16 j 13:17	4°♄57'41	
evening rise	-3096 Apr 04 j 18:43	27°♄58'23		evening rise	-3095 Mar 20 j 06:26	12°♄54'38	
	-3096 Apr 05 j 17:57	0°♄			-3095 Mar 28 j 23:56	0°♄	
	-3096 Apr 22 j 20:51	0°♄		evening max el	-3095 Apr 13 j 02:41	20°♄51'51	23°41'48

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3095 Apr 26 j 18:42	27° $\Upsilon$ 41'03		retrograde	-3094 Apr 07 j 13:38	7° $\Upsilon$ 46'40	
desc. node	-3095 Apr 27 j 09:15	27° $\Upsilon$ 40'14		evening set	-3094 Apr 10 j 08:50	7° $\Upsilon$ 29'17	
evening set	-3095 Apr 30 j 16:53	27° $\Upsilon$ 07'07		desc. node	-3094 Apr 14 j 06:19	6° $\Upsilon$ 13'15	
min. Earth dist.	-3095 May 07 j 13:45	23° $\Upsilon$ 54'57	0.56136 AU	min. Earth dist.	-3094 Apr 19 j 03:30	3° $\Upsilon$ 42'06	0.55231 AU
inferior conj	-3095 May 09 j 18:04	22° $\Upsilon$ 36'02	-3°08'14	inferior conj	-3094 Apr 19 j 17:58	3° $\Upsilon$ 21'42	-1°30'39
minimum elong	-3095 May 09 j 11:50	22° $\Upsilon$ 45'29	3°06'38	minimum elong	-3094 Apr 19 j 13:52	3° $\Upsilon$ 27'28	1°29'16
morning rise	-3095 May 18 j 09:41	18° $\Upsilon$ 36'47			-3094 Apr 26 j 15:55	30° $\Re$ ✕	
direct	-3095 May 20 j 22:32	18° $\Upsilon$ 20'29		morning rise	-3094 Apr 28 j 20:21	29° $\Re$ 24'17	
morning max el	-3095 May 31 j 02:12	23° $\Upsilon$ 02'53	20°01'25	direct	-3094 May 01 j 13:29	29° $\Re$ 07'42	
	-3095 Jun 05 j 23:23	0° $\Re$			-3094 May 06 j 06:07	0° $\Upsilon$	
asc. node	-3095 Jun 12 j 12:44	10° $\Re$ 49'01		morning max el	-3094 May 13 j 09:48	4° $\Upsilon$ 41'43	21°22'02
morning set	-3095 Jun 18 j 03:57	21° $\Re$ 47'54		asc. node	-3094 May 30 j 09:47	0° $\Re$ 18'09	
	-3095 Jun 22 j 04:35	0° $\Pi$			-3094 May 30 j 06:06	0° $\Re$	
				morning set	-3094 Jun 02 j 11:59	6° $\Re$ 33'43	
superior conj	-3095 Jun 26 j 00:24	7° $\Pi$ 44'36	1°42'51	superior conj	-3094 Jun 09 j 22:19	22° $\Re$ 04'27	1°30'37
minimum elong	-3095 Jun 25 j 22:32	7° $\Pi$ 35'16	1°42'50	minimum elong	-3094 Jun 09 j 19:45	21° $\Re$ 51'12	1°30'26
max. Earth dist.	-3095 Jul 01 j 08:25	18° $\Pi$ 10'19	1.36788 AU		-3094 Jun 13 j 19:31	0° $\Pi$	
evening rise	-3095 Jul 05 j 07:06	25° $\Pi$ 31'07			-3094 Jun 13 j 19:31	0° $\Pi$	
	-3095 Jul 07 j 19:03	0° $\Re$		max. Earth dist.	-3094 Jun 13 j 19:54	0° $\Pi$ 01'57	1.35206 AU
desc. node	-3095 Jul 24 j 08:23	26° $\Re$ 32'46		evening rise	-3094 Jun 18 j 06:51	8° $\Pi$ 44'38	
	-3095 Jul 26 j 18:46	0° $\Omega$			-3094 Jun 30 j 08:44	0° $\Re$	
evening max el	-3095 Aug 10 j 03:59	17° $\Omega$ 28'38	25°45'46	desc. node	-3094 Jul 11 j 05:22	16° $\Re$ 14'21	
retrograde	-3095 Aug 22 j 10:44	24° $\Omega$ 31'48			-3094 Jul 22 j 15:25	0° $\Omega$	
evening set	-3095 Aug 28 j 14:23	21° $\Omega$ 54'40		evening max el	-3094 Jul 23 j 15:12	0° $\Omega$ 58'53	26°43'20
min. Earth dist.	-3095 Sep 01 j 21:23	17° $\Omega$ 10'38	0.66682 AU	retrograde	-3094 Aug 05 j 15:09	8° $\Omega$ 16'44	
inferior conj	-3095 Sep 03 j 02:03	15° $\Omega$ 39'07	-1°47'29	evening set	-3094 Aug 12 j 07:49	5° $\Omega$ 30'04	
minimum elong	-3095 Sep 03 j 04:35	15° $\Omega$ 31'02	1°46'27	min. Earth dist.	-3094 Aug 16 j 07:04	1° $\Omega$ 24'05	0.65772 AU
asc. node	-3095 Sep 08 j 11:55	9° $\Omega$ 55'03			-3094 Aug 17 j 11:19	30° $\Re$ ✕	
morning rise	-3095 Sep 08 j 18:57	9° $\Omega$ 43'26		inferior conj	-3094 Aug 18 j 00:19	29° $\Re$ 21'04	-2°38'00
direct	-3095 Sep 12 j 02:01	8° $\Omega$ 40'43		minimum elong	-3094 Aug 18 j 03:50	29° $\Re$ 10'32	2°36'44
morning max el	-3095 Sep 19 j 04:45	12° $\Omega$ 43'21	19°17'05	morning rise	-3094 Aug 24 j 00:15	23° $\Re$ 37'45	
	-3095 Oct 01 j 22:01	0° $\Re$		asc. node	-3094 Aug 26 j 09:00	22° $\Re$ 50'34	
morning set	-3095 Oct 12 j 12:03	16° $\Re$ 26'09		direct	-3094 Aug 26 j 23:23	22° $\Re$ 48'33	
desc. node	-3095 Oct 20 j 07:57	28° $\Re$ 41'40		morning max el	-3094 Sep 02 j 15:41	26° $\Re$ 30'07	18°32'37
	-3095 Oct 21 j 03:56	0° $\Omega$			-3094 Sep 05 j 16:12	0° $\Omega$	
max. Earth dist.	-3095 Oct 26 j 13:30	8° $\Omega$ 30'00	1.44586 AU	morning set	-3094 Sep 22 j 16:41	26° $\Omega$ 15'11	
					-3094 Sep 25 j 00:24	0° $\Re$	
superior conj	-3095 Oct 29 j 04:06	12° $\Omega$ 38'00	-0°54'33	desc. node	-3094 Oct 07 j 04:55	19° $\Re$ 25'06	
minimum elong	-3095 Oct 28 j 21:42	12° $\Omega$ 12'33	0°53'48				
	-3095 Nov 08 j 22:51	0° $\Re$		superior conj	-3094 Oct 08 j 03:51	20° $\Re$ 55'29	-0°06'07
evening rise	-3095 Nov 12 j 22:11	6° $\Re$ 31'37		minimum elong	-3094 Oct 08 j 03:02	20° $\Re$ 52'17	0°06'00
	-3095 Nov 27 j 13:17	0° $\Re$		behind sun begin	-3094 Oct 07 j 16:23	20° $\Re$ 10'19	
evening max el	-3095 Dec 02 j 13:44	6° $\Re$ 17'30	18°31'52	behind sun end	-3094 Oct 08 j 13:41	21° $\Re$ 34'15	
asc. node	-3095 Dec 05 j 10:58	8° $\Re$ 43'35		max. Earth dist.	-3094 Oct 09 j 07:17	22° $\Re$ 43'34	1.44870 AU
retrograde	-3095 Dec 09 j 04:46	9° $\Re$ 58'10			-3094 Oct 13 j 22:14	0° $\Omega$	
evening set	-3095 Dec 12 j 04:40	9° $\Re$ 08'21		evening rise	-3094 Oct 24 j 10:14	16° $\Omega$ 33'24	
inferior conj	-3095 Dec 18 j 03:11	3° $\Re$ 33'36	3°28'52		-3094 Nov 01 j 22:25	0° $\Re$	
minimum elong	-3095 Dec 18 j 00:18	3° $\Re$ 42'03	3°28'11	greatest brilliancy	-3094 Nov 02 j 11:20	0° $\Re$ 50'34	-0.8m
min. Earth dist.	-3095 Dec 20 j 03:09	1° $\Re$ 13'20	0.64483 AU	evening max el	-3094 Nov 15 j 23:40	19° $\Re$ 43'14	19°09'52
	-3095 Dec 21 j 05:24	30° $\Re$ ✕		asc. node	-3094 Nov 22 j 08:02	23° $\Re$ 41'55	
morning rise	-3095 Dec 23 j 19:30	27° $\Re$ 29'22		retrograde	-3094 Nov 22 j 23:59	23° $\Re$ 44'25	
direct	-3095 Dec 30 j 16:05	24° $\Re$ 37'55		evening set	-3094 Nov 26 j 06:10	22° $\Re$ 42'50	
	-3094 Jan 10 j 14:08	0° $\Re$		inferior conj	-3094 Dec 01 j 22:23	16° $\Re$ 52'36	2°53'41
morning max el	-3094 Jan 13 j 02:14	2° $\Re$ 20'23	27°17'48	minimum elong	-3094 Dec 01 j 19:19	17° $\Re$ 02'17	2°52'44
desc. node	-3094 Jan 16 j 07:24	5° $\Re$ 45'01		min. Earth dist.	-3094 Dec 03 j 08:05	15° $\Re$ 06'07	0.65747 AU
	-3094 Feb 02 j 20:27	0° $\Re$		morning rise	-3094 Dec 07 j 08:11	10° $\Re$ 42'22	
morning set	-3094 Feb 17 j 09:12	25° $\Re$ 49'21		direct	-3094 Dec 13 j 18:02	7° $\Re$ 54'46	
	-3094 Feb 19 j 11:52	0° $\Re$		morning max el	-3094 Dec 26 j 11:53	15° $\Re$ 23'14	26°23'36
max. Earth dist.	-3094 Feb 22 j 04:49	5° $\Re$ 30'05	1.33843 AU	desc. node	-3093 Jan 03 j 04:27	24° $\Re$ 11'05	
					-3093 Jan 07 j 14:00	0° $\Re$	
superior conj	-3094 Feb 25 j 10:16	12° $\Re$ 14'30	-0°59'12		-3093 Jan 26 j 15:14	0° $\Re$	
minimum elong	-3094 Feb 25 j 12:51	12° $\Re$ 28'06	0°58'48	morning set	-3093 Jan 31 j 14:08	9° $\Re$ 02'11	
asc. node	-3094 Mar 03 j 10:18	24° $\Re$ 59'49		max. Earth dist.	-3093 Feb 04 j 17:26	16° $\Re$ 59'36	1.35114 AU
evening rise	-3094 Mar 04 j 17:19	27° $\Re$ 42'52					
	-3094 Mar 05 j 19:43	0° $\Re$		superior conj	-3093 Feb 09 j 09:18	26° $\Re$ 21'52	-1°21'53
	-3094 Mar 24 j 07:00	0° $\Upsilon$		minimum elong	-3093 Feb 09 j 12:31	26° $\Re$ 38'23	1°21'31
evening max el	-3094 Mar 25 j 20:47	1° $\Upsilon$ 35'32	22°07'53		-3093 Feb 11 j 03:38	0° $\Re$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3093 Feb 17 j 01:33	12° $\approx$ 17'05		evening rise	-3092 Feb 01 j 05:04	26° $\approx$ 31'16	
asc. node	-3093 Feb 18 j 07:19	14° $\approx$ 49'24			-3092 Feb 02 j 22:51	0° $\approx$	
	-3093 Feb 26 j 09:03	0° $\approx$		asc. node	-3092 Feb 05 j 04:21	4° $\approx$ 21'20	
evening max el	-3093 Mar 07 j 23:22	12° $\approx$ 44'01	20°43'12	evening max el	-3092 Feb 18 j 12:46	24° $\approx$ 28'57	19°34'55
retrograde	-3093 Mar 19 j 03:06	18° $\approx$ 03'24		retrograde	-3092 Feb 27 j 23:42	28° $\approx$ 58'50	
evening set	-3093 Mar 21 j 10:15	17° $\approx$ 50'45		evening set	-3092 Mar 01 j 06:40	28° $\approx$ 44'13	
inferior conj	-3093 Mar 30 j 13:11	13° $\approx$ 53'07	0°26'39	inferior conj	-3092 Mar 09 j 17:55	24° $\approx$ 39'38	2°10'45
minimum elong	-3093 Mar 30 j 14:24	13° $\approx$ 51'22	0°26'12	minimum elong	-3092 Mar 09 j 22:35	24° $\approx$ 32'11	2°09'20
min. Earth dist.	-3093 Mar 31 j 17:42	13° $\approx$ 12'02	0.55249 AU	min. Earth dist.	-3092 Mar 12 j 08:20	23° $\approx$ 00'13	0.56180 AU
desc. node	-3093 Apr 01 j 03:26	12° $\approx$ 58'07		morning rise	-3092 Mar 18 j 11:54	19° $\approx$ 56'40	
morning rise	-3093 Apr 08 j 17:26	9° $\approx$ 38'59		desc. node	-3092 Mar 18 j 00:33	20° $\approx$ 06'23	
direct	-3093 Apr 12 j 01:28	9° $\approx$ 14'47		direct	-3092 Mar 22 j 22:22	19° $\approx$ 12'19	
morning max el	-3093 Apr 25 j 07:21	15° $\approx$ 41'08	22°56'55	morning max el	-3092 Apr 05 j 22:51	26° $\approx$ 17'21	24°36'13
	-3093 May 06 j 11:41	0° $\approx$			-3092 Apr 09 j 11:24	0° $\approx$	
asc. node	-3093 May 17 j 06:48	20° $\approx$ 06'25			-3092 Apr 28 j 06:44	0° $\approx$	
morning set	-3093 May 17 j 22:57	21° $\approx$ 30'27		morning set	-3092 May 01 j 11:08	6° $\approx$ 32'33	
	-3093 May 21 j 23:01	0° $\approx$		asc. node	-3092 May 03 j 03:49	10° $\approx$ 08'15	
superior conj	-3093 May 25 j 02:55	6° $\approx$ 45'38	1°13'39	superior conj	-3092 May 08 j 11:50	21° $\approx$ 40'26	0°53'12
minimum elong	-3093 May 25 j 00:20	6° $\approx$ 31'52	1°13'19	minimum elong	-3092 May 08 j 09:43	21° $\approx$ 28'57	0°52'50
max. Earth dist.	-3093 May 27 j 17:17	12° $\approx$ 14'46	1.33993 AU	max. Earth dist.	-3092 May 09 j 23:32	24° $\approx$ 53'14	1.33157 AU
evening rise	-3093 Jun 01 j 20:09	22° $\approx$ 40'11			-3092 May 12 j 09:01	0° $\approx$	
	-3093 Jun 05 j 15:32	0° $\approx$		evening rise	-3092 May 15 j 19:03	7° $\approx$ 05'38	
	-3093 Jun 24 j 01:37	0° $\approx$			-3092 May 28 j 03:53	0° $\approx$	
desc. node	-3093 Jun 28 j 02:24	5° $\approx$ 19'59		desc. node	-3092 Jun 13 j 23:28	23° $\approx$ 13'42	
evening max el	-3093 Jul 06 j 02:31	14° $\approx$ 17'50	27°18'05	evening max el	-3092 Jun 17 j 12:03	27° $\approx$ 13'11	27°23'39
retrograde	-3093 Jul 19 j 14:08	21° $\approx$ 40'45			-3092 Jun 20 j 16:11	0° $\approx$	
evening set	-3093 Jul 26 j 15:45	18° $\approx$ 54'49		retrograde	-3092 Jul 01 j 06:52	4° $\approx$ 35'14	
min. Earth dist.	-3093 Jul 30 j 08:41	15° $\approx$ 25'10	0.64488 AU	evening set	-3092 Jul 08 j 10:42	2° $\approx$ 03'05	
inferior conj	-3093 Aug 01 j 15:31	12° $\approx$ 55'33	-3°23'21		-3092 Jul 10 j 23:59	30° $\approx$ 11'11	
minimum elong	-3093 Aug 01 j 19:31	12° $\approx$ 44'37	3°22'12	min. Earth dist.	-3092 Jul 12 j 00:40	29° $\approx$ 11'03	0.62845 AU
morning rise	-3093 Aug 07 j 23:57	7° $\approx$ 27'39		inferior conj	-3092 Jul 14 j 20:53	26° $\approx$ 16'35	-3°59'50
direct	-3093 Aug 10 j 17:34	6° $\approx$ 48'42		minimum elong	-3092 Jul 15 j 00:25	26° $\approx$ 11'07	3°59'07
asc. node	-3093 Aug 13 j 06:05	7° $\approx$ 21'47		morning rise	-3092 Jul 21 j 15:14	21° $\approx$ 11'07	
morning max el	-3093 Aug 17 j 05:57	10° $\approx$ 17'31	18°05'05	direct	-3092 Jul 24 j 05:34	20° $\approx$ 13'52	
	-3093 Aug 30 j 15:52	0° $\approx$		asc. node	-3092 Jul 30 j 03:09	23° $\approx$ 11'18	
morning set	-3093 Sep 04 j 00:55	7° $\approx$ 12'35		morning max el	-3092 Jul 30 j 20:56	24° $\approx$ 11'00	17°55'30
					-3092 Aug 04 j 16:39	0° $\approx$	
superior conj	-3093 Sep 17 j 12:30	29° $\approx$ 12'53	0°41'18	morning set	-3092 Aug 16 j 08:29	19° $\approx$ 39'40	
minimum elong	-3093 Sep 17 j 17:02	0° $\approx$ 01'11	0°40'46		-3092 Aug 22 j 05:27	0° $\approx$	
	-3093 Sep 17 j 16:45	0° $\approx$		superior conj	-3092 Aug 27 j 22:05	9° $\approx$ 14'52	1°17'25
max. Earth dist.	-3093 Sep 22 j 00:42	6° $\approx$ 11'55	1.44429 AU	minimum elong	-3092 Aug 28 j 03:34	10° $\approx$ 07'58	1°16'56
desc. node	-3093 Sep 24 j 01:52	10° $\approx$ 10'14		max. Earth dist.	-3092 Sep 03 j 15:18	20° $\approx$ 15'02	1.43327 AU
evening rise	-3093 Oct 04 j 00:02	25° $\approx$ 39'23			-3092 Sep 09 j 09:01	0° $\approx$	
	-3093 Oct 06 j 19:36	0° $\approx$		desc. node	-3092 Sep 09 j 22:50	0° $\approx$ 54'16	
greatest brilliancy	-3093 Oct 17 j 16:48	16° $\approx$ 31'59	-0.6m	evening rise	-3092 Sep 12 j 04:43	4° $\approx$ 11'24	
	-3093 Oct 27 j 10:00	0° $\approx$			-3092 Sep 29 j 06:31	0° $\approx$	
evening max el	-3093 Oct 30 j 05:09	3° $\approx$ 11'02	20°03'38	evening max el	-3092 Oct 12 j 04:49	16° $\approx$ 13'37	21°10'30
retrograde	-3093 Nov 06 j 21:06	7° $\approx$ 11'39		retrograde	-3092 Oct 20 j 18:02	21° $\approx$ 14'03	
asc. node	-3093 Nov 09 j 05:07	7° $\approx$ 11'07		evening set	-3092 Oct 24 j 19:19	20° $\approx$ 11'08	
evening set	-3093 Nov 10 j 11:44	6° $\approx$ 11'23		asc. node	-3092 Oct 26 j 02:13	18° $\approx$ 11'59	
inferior conj	-3093 Nov 15 j 23:29	0° $\approx$ 11'21	2°10'39	inferior conj	-3092 Oct 30 j 04:16	13° $\approx$ 11'56	1°22'15
minimum elong	-3093 Nov 15 j 20:51	0° $\approx$ 11'29	2°09'41	minimum elong	-3092 Oct 30 j 02:27	14° $\approx$ 11'02	1°21'31
	-3093 Nov 16 j 05:48	30° $\approx$ 11'05		min. Earth dist.	-3092 Oct 30 j 13:43	13° $\approx$ 11'23	0.67215 AU
min. Earth dist.	-3093 Nov 16 j 20:23	29° $\approx$ 11'11	0.66649 AU	morning rise	-3092 Nov 04 j 09:26	7° $\approx$ 11'41	
morning rise	-3093 Nov 21 j 05:44	24° $\approx$ 11'07		direct	-3092 Nov 09 j 13:57	5° $\approx$ 11'27	
direct	-3093 Nov 27 j 01:33	21° $\approx$ 11'33		morning max el	-3092 Nov 20 j 05:21	11° $\approx$ 11'48	23°44'00
morning max el	-3093 Dec 08 j 20:35	28° $\approx$ 11'34	25°09'06		-3092 Dec 04 j 18:19	0° $\approx$	
	-3093 Dec 10 j 05:40	0° $\approx$		desc. node	-3092 Dec 06 j 22:29	3° $\approx$ 11'06	
desc. node	-3093 Dec 21 j 01:29	13° $\approx$ 11'22			-3092 Dec 24 j 04:25	0° $\approx$	
	-3092 Jan 01 j 08:45	0° $\approx$		morning set	-3092 Dec 25 j 13:46	2° $\approx$ 11'20	
morning set	-3092 Jan 14 j 01:44	21° $\approx$ 11'18		max. Earth dist.	-3092 Dec 29 j 14:38	9° $\approx$ 11'20	1.38831 AU
max. Earth dist.	-3092 Jan 17 j 18:50	28° $\approx$ 11'05	1.36816 AU				
	-3092 Jan 18 j 19:18	0° $\approx$		superior conj	-3091 Jan 05 j 24:00	22° $\approx$ 11'49	-1°53'14
superior conj	-3092 Jan 23 j 23:11	9° $\approx$ 11'57	-1°40'43	minimum elong	-3091 Jan 06 j 01:53	22° $\approx$ 11'58	1°53'16
minimum elong	-3092 Jan 24 j 02:20	10° $\approx$ 11'50	1°40'32		-3091 Jan 09 j 18:21	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3091 Jan 15 j 01:19	10° $\text{Z}$ 17'47		minimum elong	-3091 Dec 19 j 05:51	4° $\text{Z}$ 40'49	1°56'13
asc. node	-3091 Jan 22 j 01:24	23° $\text{Z}$ 28'24		evening rise	-3091 Dec 29 j 11:19	23° $\text{Z}$ 29'57	
	-3091 Jan 26 j 00:52	0° $\approx$			-3090 Jan 01 j 23:08	0° $\text{Z}$	
evening max el	-3091 Jan 31 j 11:51	6° $\approx$ 47'24	18°45'54	asc. node	-3090 Jan 08 j 22:27	12° $\text{Z}$ 02'45	
retrograde	-3091 Feb 08 j 13:23	10° $\approx$ 41'22		evening max el	-3090 Jan 14 j 18:16	19° $\text{Z}$ 33'05	18°16'57
evening set	-3091 Feb 10 j 23:47	10° $\approx$ 21'27		retrograde	-3090 Jan 21 j 21:33	23° $\text{Z}$ 06'51	
inferior conj	-3091 Feb 18 j 17:13	5° $\approx$ 59'16	3°20'38	evening set	-3090 Jan 24 j 11:22	22° $\text{Z}$ 40'02	
minimum elong	-3091 Feb 18 j 21:24	5° $\approx$ 51'29	3°19'46	inferior conj	-3090 Jan 31 j 13:04	17° $\text{Z}$ 56'47	3°54'22
min. Earth dist.	-3091 Feb 22 j 00:32	3° $\approx$ 33'08	0.57801 AU	minimum elong	-3090 Jan 31 j 14:44	17° $\text{Z}$ 53'13	3°54'09
morning rise	-3091 Feb 26 j 16:29	0° $\approx$ 46'59		min. Earth dist.	-3090 Feb 03 j 21:22	15° $\text{Z}$ 04'27	0.59779 AU
	-3091 Feb 28 j 19:08	30° $\text{R}$ $\text{Z}$		morning rise	-3090 Feb 07 j 16:12	12° $\text{Z}$ 22'08	
direct	-3091 Mar 04 j 07:51	29° $\text{Z}$ 39'15		direct	-3090 Feb 14 j 05:29	10° $\text{Z}$ 25'24	
desc. node	-3091 Mar 04 j 21:40	29° $\text{Z}$ 30'04		desc. node	-3090 Feb 19 j 18:45	11° $\text{Z}$ 43'31	
	-3091 Mar 07 j 21:23	0° $\approx$		morning max el	-3090 Feb 28 j 11:13	18° $\text{Z}$ 04'59	27°10'45
morning max el	-3091 Mar 18 j 14:29	6° $\approx$ 56'36	26°05'45		-3090 Mar 10 j 10:59	0° $\approx$	
	-3091 Apr 04 j 15:59	0° $\text{X}$			-3090 Mar 28 j 04:26	0° $\text{X}$	
morning set	-3091 Apr 15 j 22:47	21° $\text{X}$ 32'49		morning set	-3090 Mar 31 j 08:10	6° $\text{X}$ 24'59	
	-3091 Apr 19 j 21:35	0° $\text{Y}$		asc. node	-3090 Apr 06 j 21:53	20° $\text{X}$ 30'47	
asc. node	-3091 Apr 20 j 00:51	0° $\text{Y}$ 17'48					
				superior conj	-3090 Apr 07 j 10:44	21° $\text{X}$ 41'08	0°05'38
superior conj	-3091 Apr 22 j 23:00	6° $\text{Y}$ 40'57	0°30'15	minimum elong	-3090 Apr 07 j 10:29	21° $\text{X}$ 39'45	0°05'34
minimum elong	-3091 Apr 22 j 21:42	6° $\text{Y}$ 33'50	0°29'58	behind sun begin	-3090 Apr 07 j 05:46	21° $\text{X}$ 13'57	
max. Earth dist.	-3091 Apr 23 j 11:14	7° $\text{Y}$ 47'50	1.32669 AU	behind sun end	-3090 Apr 07 j 15:12	22° $\text{X}$ 05'34	
evening rise	-3091 Apr 30 j 00:22	21° $\text{Y}$ 49'29		max. Earth dist.	-3090 Apr 07 j 00:37	20° $\text{X}$ 45'47	1.32517 AU
	-3091 May 04 j 01:42	0° $\text{Z}$			-3090 Apr 11 j 06:08	0° $\text{Y}$	
	-3091 May 22 j 08:57	0° $\text{II}$		evening rise	-3090 Apr 14 j 09:41	6° $\text{Y}$ 43'27	
evening max el	-3091 May 30 j 16:58	9° $\text{II}$ 31'14	26°56'34		-3090 Apr 26 j 16:55	0° $\text{Z}$	
desc. node	-3091 May 31 j 20:34	10° $\text{II}$ 35'08		evening max el	-3090 May 12 j 15:24	21° $\text{Z}$ 05'44	25°58'00
retrograde	-3091 Jun 13 j 16:22	16° $\text{II}$ 50'50		desc. node	-3090 May 18 j 17:39	25° $\text{Z}$ 52'30	
evening set	-3091 Jun 20 j 12:26	14° $\text{II}$ 46'05		retrograde	-3090 May 26 j 17:21	28° $\text{Z}$ 21'18	
min. Earth dist.	-3091 Jun 24 j 06:30	12° $\text{II}$ 03'34	0.60907 AU	evening set	-3090 Jun 01 j 17:09	26° $\text{Z}$ 53'55	
inferior conj	-3091 Jun 27 j 13:01	9° $\text{II}$ 15'16	-4°21'54	min. Earth dist.	-3090 Jun 06 j 03:55	24° $\text{Z}$ 11'32	0.58855 AU
minimum elong	-3091 Jun 27 j 14:40	9° $\text{II}$ 11'42	4°21'42	inferior conj	-3090 Jun 09 j 12:13	21° $\text{Z}$ 42'14	-4°21'07
morning rise	-3091 Jul 04 j 18:38	4° $\text{II}$ 27'16		minimum elong	-3090 Jun 09 j 10:30	21° $\text{Z}$ 45'28	4°20'57
direct	-3091 Jul 07 j 07:27	4° $\text{II}$ 01'35		morning rise	-3090 Jun 17 j 06:27	17° $\text{Z}$ 16'23	
morning max el	-3091 Jul 14 j 09:51	7° $\text{II}$ 31'07	18°04'54	direct	-3090 Jun 19 j 18:42	16° $\text{Z}$ 55'20	
asc. node	-3091 Jul 17 j 00:13	10° $\text{II}$ 24'47		morning max el	-3090 Jun 27 j 17:48	20° $\text{Z}$ 42'01	18°34'03
	-3091 Jul 28 j 21:40	0° $\text{III}$		asc. node	-3090 Jul 03 j 21:17	28° $\text{Z}$ 25'49	
morning set	-3091 Jul 30 j 09:40	2° $\text{III}$ 46'41			-3090 Jul 04 j 21:14	0° $\text{II}$	
				morning set	-3090 Jul 13 j 23:37	16° $\text{II}$ 32'04	
superior conj	-3091 Aug 09 j 11:01	21° $\text{III}$ 08'36	1°39'14		-3090 Jul 20 j 23:41	0° $\text{III}$	
minimum elong	-3091 Aug 09 j 14:29	21° $\text{III}$ 23'59	1°39'06				
	-3091 Aug 14 j 13:15	0° $\text{IV}$		superior conj	-3090 Jul 22 j 22:37	3° $\text{III}$ 40'38	1°48'14
max. Earth dist.	-3091 Aug 17 j 00:38	4° $\text{IV}$ 10'45	1.41700 AU	minimum elong	-3090 Jul 22 j 23:30	3° $\text{III}$ 44'46	1°48'19
evening rise	-3091 Aug 22 j 19:42	13° $\text{IV}$ 40'12		max. Earth dist.	-3090 Jul 30 j 04:14	16° $\text{III}$ 45'34	1.39778 AU
desc. node	-3091 Aug 27 j 19:51	21° $\text{IV}$ 33'56		evening rise	-3090 Aug 03 j 10:10	24° $\text{III}$ 02'34	
	-3091 Sep 02 j 08:39	0° $\text{V}$			-3090 Aug 07 j 00:37	0° $\text{IV}$	
	-3091 Sep 24 j 21:15	0° $\text{V}$		desc. node	-3090 Aug 14 j 16:51	12° $\text{IV}$ 04'46	
evening max el	-3091 Sep 24 j 22:28	0° $\text{V}$ 03'04	22°26'48		-3090 Aug 27 j 04:34	0° $\text{V}$	
retrograde	-3091 Oct 04 j 13:10	5° $\text{V}$ 45'45		evening max el	-3090 Sep 07 j 11:28	13° $\text{V}$ 30'35	23°47'23
evening set	-3091 Oct 09 j 03:08	3° $\text{V}$ 54'25		retrograde	-3090 Sep 18 j 05:16	19° $\text{V}$ 50'54	
asc. node	-3091 Oct 12 j 23:17	29° $\text{V}$ 38'11		evening set	-3090 Sep 23 j 09:23	17° $\text{V}$ 40'22	
	-3091 Oct 12 j 16:41	30° $\text{R}$ $\text{V}$		inferior conj	-3090 Sep 28 j 17:19	11° $\text{V}$ 20'41	-0°23'13
inferior conj	-3091 Oct 14 j 10:48	27° $\text{V}$ 36'57	0°30'25	minimum elong	-3090 Sep 28 j 17:52	11° $\text{V}$ 18'50	0°22'58
minimum elong	-3091 Oct 14 j 10:06	27° $\text{V}$ 39'23	0°30'08	min. Earth dist.	-3090 Sep 28 j 06:01	11° $\text{V}$ 59'15	0.67406 AU
min. Earth dist.	-3091 Oct 14 j 09:44	27° $\text{V}$ 40'38	0.67463 AU	asc. node	-3090 Sep 29 j 20:22	9° $\text{V}$ 49'21	
morning rise	-3091 Oct 19 j 16:57	21° $\text{V}$ 23'43		morning rise	-3090 Oct 04 j 02:18	5° $\text{V}$ 11'44	
direct	-3091 Oct 24 j 06:31	19° $\text{V}$ 32'07		direct	-3090 Oct 08 j 02:22	3° $\text{V}$ 41'14	
morning max el	-3091 Nov 02 j 17:13	25° $\text{V}$ 08'37	22°17'48	morning max el	-3090 Oct 16 j 11:01	8° $\text{V}$ 35'42	20°57'57
	-3091 Nov 07 j 01:12	0° $\text{VI}$			-3090 Nov 01 j 15:47	0° $\text{VI}$	
desc. node	-3091 Nov 23 j 19:29	23° $\text{VI}$ 12'41		desc. node	-3090 Nov 10 j 16:27	13° $\text{VI}$ 35'14	
	-3091 Nov 28 j 06:49	0° $\text{VII}$		morning set	-3090 Nov 15 j 03:22	20° $\text{VI}$ 28'56	
morning set	-3091 Dec 05 j 21:23	11° $\text{VII}$ 59'57			-3090 Nov 21 j 03:41	0° $\text{VII}$	
max. Earth dist.	-3091 Dec 11 j 12:39	21° $\text{VII}$ 17'53	1.40906 AU	max. Earth dist.	-3090 Nov 23 j 17:06	4° $\text{VII}$ 08'03	1.42746 AU
	-3091 Dec 16 j 14:18	0° $\text{X}$					
				superior conj	-3090 Nov 30 j 13:49	15° $\text{VII}$ 30'57	-1°45'26
superior conj	-3091 Dec 19 j 06:46	4° $\text{X}$ 44'56	-1°56'08	minimum elong	-3090 Nov 30 j 08:56	15° $\text{VII}$ 10'19	1°45'11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3090 Dec 08 j 22:25	0°♊		superior conj	-3089 Nov 10 j 17:31	25°♊00'43	-1°17'53
evening rise	-3090 Dec 12 j 07:09	5°♊59'13		minimum elong	-3089 Nov 10 j 10:12	24°♊31'11	1°17'10
asc. node	-3090 Dec 26 j 19:29	29°♊54'06			-3089 Nov 13 j 19:09	0°♋	
	-3090 Dec 26 j 21:21	0°♋		evening rise	-3089 Nov 24 j 08:25	17°♋36'57	
evening max el	-3090 Dec 29 j 05:12	2°♋38'11	18°07'52		-3089 Dec 01 j 15:56	0°♌	
retrograde	-3089 Jan 04 j 20:46	6°♋05'29		evening max el	-3089 Dec 12 j 17:51	15°♌55'52	18°17'54
evening set	-3089 Jan 07 j 13:54	5°♋30'45		asc. node	-3089 Dec 13 j 16:32	16°♌50'12	
inferior conj	-3089 Jan 14 j 02:55	0°♋26'23	3°59'28	retrograde	-3089 Dec 19 j 06:43	19°♌28'27	
minimum elong	-3089 Jan 14 j 02:06	0°♋28'26	3°59'19	evening set	-3089 Dec 22 j 03:50	18°♌44'32	
	-3089 Jan 14 j 13:32	30°♌♊		inferior conj	-3089 Dec 28 j 06:58	13°♌20'22	3°44'13
min. Earth dist.	-3089 Jan 17 j 01:48	27°♌31'49	0.61791 AU	minimum elong	-3089 Dec 28 j 04:33	13°♌27'04	3°43'46
morning rise	-3089 Jan 20 j 13:07	24°♌36'53		min. Earth dist.	-3089 Dec 30 j 15:39	10°♌43'42	0.63600 AU
direct	-3089 Jan 27 j 13:19	22°♌07'23		morning rise	-3088 Jan 03 j 04:38	7°♌20'51	
desc. node	-3089 Feb 06 j 15:48	26°♌24'30		direct	-3088 Jan 10 j 05:05	4°♌32'48	
morning max el	-3089 Feb 10 j 14:09	29°♌53'08	27°41'40	morning max el	-3088 Jan 23 j 21:34	12°♌18'20	27°36'07
	-3089 Feb 10 j 16:56	0°♍		desc. node	-3088 Jan 24 j 12:51	12°♌56'44	
	-3089 Mar 04 j 09:27	0°♍			-3088 Feb 07 j 01:56	0°♎	
morning set	-3089 Mar 15 j 13:18	21°♍01'43			-3088 Feb 24 j 19:26	0°♏	
	-3089 Mar 19 j 20:09	0°♐		morning set	-3088 Feb 27 j 11:40	5°♏14'14	
max. Earth dist.	-3089 Mar 21 j 11:47	3°♐33'02	1.32715 AU	max. Earth dist.	-3088 Mar 03 j 16:50	15°♏56'10	1.33308 AU
superior conj	-3089 Mar 22 j 21:22	6°♐35'10	-0°19'49	superior conj	-3088 Mar 06 j 05:10	21°♏16'31	-0°45'07
minimum elong	-3089 Mar 22 j 22:16	6°♐40'04	0°19'39	minimum elong	-3088 Mar 06 j 07:11	21°♏27'20	0°44'47
asc. node	-3089 Mar 24 j 18:54	10°♐43'04			-3088 Mar 10 j 06:35	0°♑	
evening rise	-3089 Mar 29 j 21:00	21°♐40'26		asc. node	-3088 Mar 10 j 15:54	0°♑50'02	
	-3089 Apr 02 j 22:31	0°♒		evening rise	-3088 Mar 13 j 08:33	6°♑33'37	
	-3089 Apr 22 j 07:43	0°♒			-3088 Mar 25 j 22:31	0°♓	
evening max el	-3089 Apr 24 j 08:24	2°♒03'36	24°35'29	evening max el	-3088 Apr 05 j 00:24	12°♓44'41	23°01'34
desc. node	-3089 May 05 j 14:43	8°♒50'12		retrograde	-3088 Apr 18 j 08:40	19°♓19'34	
retrograde	-3089 May 08 j 07:37	9°♒07'06		desc. node	-3088 Apr 21 j 11:49	18°♓58'05	
evening set	-3089 May 13 j 00:28	8°♒17'02		evening set	-3088 Apr 21 j 17:42	18°♓54'39	
min. Earth dist.	-3089 May 18 j 20:22	5°♒18'53	0.56981 AU	min. Earth dist.	-3088 Apr 29 j 10:34	15°♓29'24	0.55641 AU
inferior conj	-3089 May 21 j 15:46	3°♒29'49	-3°46'49	inferior conj	-3088 May 01 j 00:00	14°♓35'00	-2°31'06
minimum elong	-3089 May 21 j 10:29	3°♒38'27	3°45'47	minimum elong	-3088 Apr 30 j 18:04	14°♓43'39	2°29'20
	-3089 May 27 j 23:34	30°♓♒		morning rise	-3088 May 09 j 20:47	10°♓38'11	
morning rise	-3089 May 29 j 23:34	29°♓22'54		direct	-3088 May 12 j 10:38	10°♓22'17	
direct	-3089 Jun 01 j 11:38	29°♓05'28		morning max el	-3088 May 23 j 07:44	15°♓26'13	20°33'32
	-3089 Jun 05 j 18:25	0°♔			-3088 Jun 03 j 03:03	0°♕	
morning max el	-3089 Jun 10 j 17:55	3°♔23'48	19°23'38	asc. node	-3088 Jun 06 j 15:22	6°♔23'50	
asc. node	-3089 Jun 20 j 18:20	17°♔09'13		morning set	-3088 Jun 11 j 04:14	15°♔23'36	
morning set	-3089 Jun 27 j 22:46	0°♕47'15			-3088 Jun 18 j 06:31	0°♖	
	-3089 Jun 27 j 13:17	0°♖					
				superior conj	-3088 Jun 18 j 19:51	1°♖07'57	1°38'21
superior conj	-3089 Jul 06 j 03:12	17°♖05'26	1°47'06	minimum elong	-3088 Jun 18 j 17:36	0°♗56'30	1°38'15
minimum elong	-3089 Jul 06 j 02:05	17°♖00'02	1°47'10	max. Earth dist.	-3088 Jun 23 j 12:55	10°♗31'26	1.36077 AU
max. Earth dist.	-3089 Jul 12 j 06:10	28°♖44'14	1.37831 AU	evening rise	-3088 Jun 27 j 16:12	18°♖23'44	
	-3089 Jul 12 j 22:39	0°♘			-3088 Jul 04 j 04:18	0°♘	
evening rise	-3089 Jul 16 j 02:25	5°♘40'57		desc. node	-3088 Jul 18 j 10:53	22°♘19'03	
	-3089 Jul 30 j 23:44	0°♙			-3088 Jul 24 j 03:22	0°♙	
desc. node	-3089 Aug 01 j 13:52	2°♙02'09		evening max el	-3088 Aug 02 j 09:40	10°♙34'55	26°12'36
evening max el	-3089 Aug 20 j 22:30	27°♙01'54	25°05'17	retrograde	-3088 Aug 15 j 00:28	17°♙45'05	
	-3089 Aug 24 j 05:29	0°♚		evening set	-3088 Aug 21 j 09:53	15°♙03'17	
retrograde	-3089 Sep 01 j 17:16	3°♚52'32		min. Earth dist.	-3088 Aug 25 j 13:37	10°♙35'07	0.66344 AU
evening set	-3089 Sep 07 j 12:19	1°♚24'14		inferior conj	-3088 Aug 26 j 23:22	8°♙50'10	-2°09'22
	-3089 Sep 08 j 23:03	30°♛♚		minimum elong	-3088 Aug 27 j 02:22	8°♙40'51	2°08'11
min. Earth dist.	-3089 Sep 12 j 00:09	26°♛18'26	0.67043 AU	morning rise	-3088 Sep 01 j 19:03	2°♛59'04	
inferior conj	-3089 Sep 12 j 22:08	25°♛06'06	-1°17'03	asc. node	-3088 Sep 02 j 14:32	2°♛33'36	
minimum elong	-3089 Sep 12 j 23:58	25°♛00'04	1°16'15	direct	-3088 Sep 04 j 22:31	2°♛02'22	
asc. node	-3089 Sep 16 j 17:27	20°♛32'50		morning max el	-3088 Sep 11 j 19:53	5°♛54'54	18°56'03
morning rise	-3089 Sep 18 j 11:39	19°♛04'24			-3088 Sep 28 j 16:57	0°♜	
direct	-3089 Sep 22 j 00:15	17°♛52'25		morning set	-3088 Oct 03 j 15:01	7°♜46'45	
morning max el	-3089 Sep 29 j 12:05	22°♛11'37	19°49'39	desc. node	-3088 Oct 14 j 10:25	24°♜49'43	
	-3089 Oct 05 j 21:30	0°♞			-3088 Oct 17 j 17:15	0°♝	
morning set	-3089 Oct 25 j 01:24	28°♞42'22		max. Earth dist.	-3088 Oct 18 j 21:27	1°♝51'07	1.44804 AU
	-3089 Oct 25 j 21:25	0°♞					
desc. node	-3089 Oct 28 j 13:26	4°♞08'54		superior conj	-3088 Oct 19 j 22:38	3°♞30'23	-0°34'43
max. Earth dist.	-3089 Nov 06 j 04:36	17°♞44'07	1.44103 AU	minimum elong	-3088 Oct 19 j 18:10	3°♞12'46	0°34'09

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3088 Nov 04 j 10:45	28° $\Omega$ 15'06		behind sun end	-3087 Sep 29 j 06:06	12° $\Pi$ 19'09	
	-3088 Nov 05 j 12:40	0° $\Pi$		desc. node	-3087 Oct 01 j 07:23	15° $\Pi$ 34'05	
evening max el	-3088 Nov 25 j 05:32	29° $\Pi$ 20'25	18°46'02	max. Earth dist.	-3087 Oct 01 j 16:09	16° $\Pi$ 08'41	1.44775 AU
	-3088 Nov 25 j 21:29	0° $\mathcal{A}$			-3087 Oct 10 j 11:58	0° $\Omega$	
asc. node	-3088 Nov 29 j 13:34	2° $\mathcal{A}$ 36'21		evening rise	-3087 Oct 15 j 12:36	7° $\Omega$ 51'24	
retrograde	-3088 Dec 01 j 23:30	3° $\mathcal{A}$ 08'21		greatest brilliancy	-3087 Oct 26 j 20:28	25° $\Omega$ 26'11	-0.7m
evening set	-3088 Dec 05 j 01:57	2° $\mathcal{A}$ 13'39			-3087 Oct 29 j 21:06	0° $\Pi$	
	-3088 Dec 07 j 20:15	30° $\mathcal{R}\Pi$		evening max el	-3087 Nov 08 j 13:48	12° $\Pi$ 46'47	19°30'54
inferior conj	-3088 Dec 10 j 21:33	26° $\Pi$ 32'01	3°15'02	retrograde	-3087 Nov 15 j 19:54	16° $\Pi$ 59'00	
minimum elong	-3088 Dec 10 j 18:30	26° $\Pi$ 41'15	3°14'14	asc. node	-3087 Nov 16 j 10:40	16° $\Pi$ 56'49	
min. Earth dist.	-3088 Dec 12 j 15:16	24° $\Pi$ 25'38	0.65072 AU	evening set	-3087 Nov 19 j 05:29	15° $\Pi$ 51'27	
morning rise	-3088 Dec 16 j 10:43	20° $\Pi$ 25'13		inferior conj	-3087 Nov 24 j 19:35	9° $\Pi$ 55'19	2°36'12
direct	-3088 Dec 23 j 03:25	17° $\Pi$ 33'58		minimum elong	-3087 Nov 24 j 16:38	10° $\Pi$ 04'53	2°35'13
morning max el	-3087 Jan 05 j 07:04	25° $\Pi$ 11'09	26°57'48	min. Earth dist.	-3087 Nov 25 j 23:31	8° $\Pi$ 24'47	0.66176 AU
	-3087 Jan 09 j 17:27	0° $\mathcal{A}$		morning rise	-3087 Nov 30 j 03:33	3° $\Pi$ 43'27	
desc. node	-3087 Jan 10 j 09:54	0° $\mathcal{A}$ 48'29		direct	-3087 Dec 06 j 07:37	1° $\Pi$ 01'11	
	-3087 Jan 30 j 12:41	0° $\mathcal{B}$		morning max el	-3087 Dec 18 j 16:31	8° $\Pi$ 18'55	25°53'52
morning set	-3087 Feb 10 j 00:08	18° $\mathcal{B}$ 52'35		desc. node	-3087 Dec 28 j 06:55	19° $\Pi$ 35'30	
max. Earth dist.	-3087 Feb 14 j 12:23	27° $\mathcal{B}$ 46'56	1.34331 AU		-3086 Jan 04 j 17:54	0° $\mathcal{A}$	
	-3087 Feb 15 j 14:34	0° $\approx$			-3086 Jan 22 j 23:54	0° $\mathcal{B}$	
				morning set	-3086 Jan 23 j 22:22	1° $\mathcal{B}$ 42'56	
superior conj	-3087 Feb 18 j 08:06	5° $\approx$ 38'47	-1°09'10	max. Earth dist.	-3086 Jan 27 j 20:18	9° $\mathcal{B}$ 05'06	1.35797 AU
minimum elong	-3087 Feb 18 j 11:01	5° $\approx$ 54'00	1°08'46				
evening rise	-3087 Feb 25 j 18:35	21° $\approx$ 17'03		superior conj	-3086 Feb 02 j 03:37	19° $\mathcal{B}$ 33'15	-1°30'29
asc. node	-3087 Feb 25 j 12:55	20° $\approx$ 47'37		minimum elong	-3086 Feb 02 j 06:55	19° $\mathcal{B}$ 49'56	1°30'11
	-3087 Mar 02 j 02:04	0° $\mathcal{H}$			-3086 Feb 07 j 06:10	0° $\approx$	
evening max el	-3087 Mar 17 j 21:39	23° $\mathcal{H}$ 36'35	21°30'11	evening rise	-3086 Feb 10 j 01:05	5° $\approx$ 43'27	
retrograde	-3087 Mar 29 j 23:28	29° $\mathcal{H}$ 26'00		asc. node	-3086 Feb 12 j 09:56	10° $\approx$ 30'14	
evening set	-3087 Apr 01 j 11:59	29° $\mathcal{H}$ 11'35			-3086 Feb 23 j 19:51	0° $\mathcal{H}$	
desc. node	-3087 Apr 08 j 08:53	26° $\mathcal{H}$ 32'16		evening max el	-3086 Feb 28 j 04:36	4° $\mathcal{H}$ 58'56	20°11'47
inferior conj	-3087 Apr 10 j 20:07	25° $\mathcal{H}$ 10'34	-0°41'21	retrograde	-3086 Mar 10 j 14:43	9° $\mathcal{H}$ 56'34	
minimum elong	-3087 Apr 10 j 18:11	25° $\mathcal{H}$ 13'17	0°40'41	evening set	-3086 Mar 12 j 20:51	9° $\mathcal{H}$ 43'37	
min. Earth dist.	-3087 Apr 11 j 00:10	25° $\mathcal{H}$ 04'53	0.55125 AU	inferior conj	-3086 Mar 21 j 17:43	5° $\mathcal{H}$ 44'18	1°14'11
morning rise	-3087 Apr 20 j 00:44	21° $\mathcal{H}$ 08'29		minimum elong	-3086 Mar 21 j 20:52	5° $\mathcal{H}$ 39'35	1°13'06
direct	-3087 Apr 22 j 22:59	20° $\mathcal{H}$ 49'42		min. Earth dist.	-3086 Mar 23 j 14:12	4° $\mathcal{H}$ 37'53	0.55544 AU
morning max el	-3087 May 05 j 10:36	26° $\mathcal{H}$ 46'16	22°01'09	desc. node	-3086 Mar 26 j 05:59	3° $\mathcal{H}$ 08'51	
	-3087 May 08 j 12:54	0° $\Upsilon$		morning rise	-3086 Mar 30 j 19:04	1° $\mathcal{H}$ 18'57	
asc. node	-3087 May 24 j 12:25	26° $\Upsilon$ 01'39		direct	-3086 Apr 03 j 13:08	0° $\mathcal{H}$ 48'08	
	-3087 May 26 j 10:57	0° $\mathcal{B}$		morning max el	-3086 Apr 17 j 04:57	7° $\mathcal{H}$ 32'32	23°39'34
morning set	-3087 May 26 j 13:45	0° $\mathcal{B}$ 14'34			-3086 May 03 j 07:32	0° $\Upsilon$	
				morning set	-3086 May 11 j 01:27	15° $\Upsilon$ 14'01	
superior conj	-3087 Jun 02 j 20:57	15° $\mathcal{B}$ 37'21	1°23'56	asc. node	-3086 May 11 j 09:28	15° $\Upsilon$ 56'05	
minimum elong	-3087 Jun 02 j 18:18	15° $\mathcal{B}$ 23'30	1°23'39		-3086 May 17 j 23:01	0° $\mathcal{B}$	
max. Earth dist.	-3087 Jun 06 j 04:52	22° $\mathcal{B}$ 31'36	1.34647 AU				
	-3087 Jun 09 j 22:24	0° $\Pi$		superior conj	-3086 May 18 j 03:38	0° $\mathcal{B}$ 24'48	1°05'20
evening rise	-3087 Jun 10 j 22:16	1° $\Pi$ 56'13		minimum elong	-3086 May 18 j 01:12	0° $\mathcal{B}$ 11'42	1°04'59
	-3087 Jun 27 j 02:44	0° $\mathcal{B}$		max. Earth dist.	-3086 May 20 j 06:20	4° $\mathcal{B}$ 55'17	1.33587 AU
desc. node	-3087 Jul 05 j 07:55	11° $\mathcal{B}$ 46'34		evening rise	-3086 May 25 j 16:02	16° $\mathcal{B}$ 05'07	
evening max el	-3087 Jul 15 j 21:13	24° $\mathcal{B}$ 01'53	27°01'18		-3086 Jun 01 j 23:40	0° $\Pi$	
	-3087 Jul 23 j 20:11	0° $\Omega$			-3086 Jun 21 j 18:17	0° $\mathcal{B}$	
retrograde	-3087 Jul 29 j 02:22	1° $\Omega$ 21'56		desc. node	-3086 Jun 22 j 04:59	0° $\mathcal{B}$ 32'22	
	-3087 Aug 02 j 22:29	30° $\mathcal{R}\mathcal{B}$		evening max el	-3086 Jun 28 j 07:53	7° $\mathcal{B}$ 11'28	27°24'17
evening set	-3087 Aug 04 j 23:38	28° $\mathcal{B}$ 34'11		retrograde	-3086 Jul 11 j 22:48	14° $\mathcal{B}$ 34'46	
min. Earth dist.	-3087 Aug 08 j 20:02	24° $\mathcal{B}$ 44'12	0.65278 AU	evening set	-3086 Jul 19 j 02:33	11° $\mathcal{B}$ 52'36	
inferior conj	-3087 Aug 10 j 18:56	22° $\mathcal{B}$ 29'16	-2°58'03	min. Earth dist.	-3086 Jul 22 j 17:30	8° $\mathcal{B}$ 37'10	0.63827 AU
minimum elong	-3087 Aug 10 j 22:45	22° $\mathcal{B}$ 18'17	2°56'47	inferior conj	-3086 Jul 25 j 06:20	5° $\mathcal{B}$ 58'34	-3°40'12
morning rise	-3087 Aug 16 j 22:18	16° $\mathcal{B}$ 52'07		minimum elong	-3086 Jul 25 j 10:16	5° $\mathcal{B}$ 48'15	3°39'12
direct	-3087 Aug 19 j 18:55	16° $\mathcal{B}$ 07'30		morning rise	-3086 Jul 31 j 18:50	0° $\mathcal{B}$ 38'34	
asc. node	-3087 Aug 20 j 11:38	16° $\mathcal{B}$ 10'09		direct	-3086 Aug 03 j 10:50	0° $\mathcal{B}$ 03'08	
morning max el	-3087 Aug 26 j 08:33	19° $\mathcal{B}$ 42'15	18°18'47	asc. node	-3086 Aug 07 j 08:44	1° $\mathcal{B}$ 19'29	
	-3087 Sep 03 j 02:45	0° $\Omega$		morning max el	-3086 Aug 09 j 23:33	3° $\mathcal{B}$ 28'47	17°58'53
morning set	-3087 Sep 14 j 07:42	18° $\Omega$ 10'54		morning set	-3086 Aug 27 j 02:35	29° $\mathcal{B}$ 50'15	
	-3087 Sep 21 j 13:23	0° $\Pi$			-3086 Aug 27 j 04:51	0° $\Omega$	
superior conj	-3087 Sep 28 j 23:24	11° $\Pi$ 52'31	0°14'55	superior conj	-3086 Sep 08 j 17:42	21° $\Omega$ 09'26	0°58'20
minimum elong	-3087 Sep 29 j 01:17	12° $\Pi$ 00'01	0°14'42	minimum elong	-3086 Sep 08 j 23:11	21° $\Omega$ 31'52	0°57'44
behind sun begin	-3087 Sep 28 j 20:27	11° $\Pi$ 40'52			-3086 Sep 14 j 04:47	0° $\Pi$	



































































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3086 Sep 14 j 08:50	0° $\mathbb{M}$ 16'11	1.44029 AU	evening rise	-3085 Sep 04 j 03:05	25° $\Omega$ 34'29	
desc. node	-3086 Sep 18 j 04:23	6° $\mathbb{M}$ 19'23		desc. node	-3085 Sep 05 j 01:23	27° $\Omega$ 01'53	
evening rise	-3086 Sep 24 j 20:25	16° $\mathbb{M}$ 43'17			-3085 Sep 06 j 23:12	0° $\mathbb{M}$	
	-3086 Oct 03 j 13:10	0° $\underline{\mathbb{A}}$			-3085 Sep 27 j 12:47	0° $\underline{\mathbb{A}}$	
evening max el	-3086 Oct 22 j 16:52	26° $\underline{\mathbb{A}}$ 13'26	20°30'32	evening max el	-3085 Oct 05 j 13:52	9° $\underline{\mathbb{A}}$ 39'32	21°42'04
	-3086 Oct 27 j 08:45	0° $\mathbb{M}$		retrograde	-3085 Oct 14 j 13:46	15° $\underline{\mathbb{A}}$ 00'11	
retrograde	-3086 Oct 30 j 17:20	0° $\mathbb{M}$ 57'20		evening set	-3085 Oct 18 j 20:05	13° $\underline{\mathbb{A}}$ 20'00	
	-3086 Nov 02 j 21:05	30° $\mathbb{R}$ $\underline{\mathbb{A}}$		asc. node	-3085 Oct 21 j 04:51	10° $\underline{\mathbb{A}}$ 59'07	
asc. node	-3086 Nov 03 j 07:45	29° $\underline{\mathbb{A}}$ 42'33		inferior conj	-3085 Oct 24 j 04:19	7° $\underline{\mathbb{A}}$ 05'22	1°00'39
evening set	-3086 Nov 03 j 12:11	29° $\underline{\mathbb{A}}$ 34'37		minimum elong	-3085 Oct 24 j 02:57	7° $\underline{\mathbb{A}}$ 10'05	1°00'03
inferior conj	-3086 Nov 08 j 22:33	23° $\underline{\mathbb{A}}$ 27'27	1°50'41	min. Earth dist.	-3085 Oct 24 j 09:16	6° $\underline{\mathbb{A}}$ 48'15	0.67356 AU
minimum elong	-3086 Nov 08 j 20:13	23° $\underline{\mathbb{A}}$ 35'20	1°49'46	morning rise	-3085 Oct 29 j 09:38	0° $\underline{\mathbb{A}}$ 50'40	
min. Earth dist.	-3086 Nov 09 j 14:22	22° $\underline{\mathbb{A}}$ 33'54	0.66930 AU		-3085 Oct 30 j 12:19	30° $\mathbb{R}$ $\mathbb{M}$	
morning rise	-3086 Nov 14 j 04:03	17° $\underline{\mathbb{A}}$ 12'48		direct	-3085 Nov 03 j 07:40	28° $\mathbb{M}$ 46'13	
direct	-3086 Nov 19 j 17:16	14° $\underline{\mathbb{A}}$ 47'26			-3085 Nov 07 j 11:57	0° $\underline{\mathbb{A}}$	
morning max el	-3086 Dec 01 j 01:14	21° $\underline{\mathbb{A}}$ 32'43	24°33'34	morning max el	-3085 Nov 13 j 10:52	4° $\underline{\mathbb{A}}$ 48'56	23°06'54
	-3086 Dec 08 j 09:51	0° $\mathbb{M}$		desc. node	-3085 Dec 02 j 00:58	28° $\underline{\mathbb{A}}$ 56'13	
desc. node	-3086 Dec 15 j 03:57	9° $\mathbb{M}$ 01'54			-3085 Dec 02 j 18:18	0° $\mathbb{M}$	
	-3086 Dec 29 j 00:28	0° $\mathbb{A}$		morning set	-3085 Dec 18 j 01:08	23° $\mathbb{M}$ 57'50	
morning set	-3085 Jan 06 j 00:45	13° $\mathbb{A}$ 29'55			-3085 Dec 21 j 14:58	0° $\mathbb{A}$	
max. Earth dist.	-3085 Jan 09 j 18:27	20° $\mathbb{A}$ 10'14	1.37652 AU	max. Earth dist.	-3085 Dec 22 j 13:47	1° $\mathbb{A}$ 38'06	1.39722 AU
	-3085 Jan 15 j 00:53	0° $\mathbb{Z}$					
				superior conj	-3085 Dec 30 j 06:18	15° $\mathbb{A}$ 21'04	-1°55'53
superior conj	-3085 Jan 16 j 12:27	2° $\mathbb{Z}$ 51'02	-1°47'00	minimum elong	-3085 Dec 30 j 07:12	15° $\mathbb{A}$ 25'13	1°55'58
minimum elong	-3085 Jan 16 j 15:15	3° $\mathbb{Z}$ 04'33	1°46'54		-3084 Jan 07 j 00:36	0° $\mathbb{Z}$	
evening rise	-3085 Jan 25 j 01:51	19° $\mathbb{Z}$ 46'27		evening rise	-3084 Jan 08 j 18:10	3° $\mathbb{Z}$ 19'21	
asc. node	-3085 Jan 30 j 06:58	29° $\mathbb{Z}$ 52'13		asc. node	-3084 Jan 17 j 04:00	18° $\mathbb{Z}$ 46'37	
	-3085 Jan 30 j 08:39	0° $\mathbb{A}$		evening max el	-3084 Jan 25 j 00:57	29° $\mathbb{Z}$ 30'06	18°31'10
evening max el	-3085 Feb 10 j 22:17	16° $\mathbb{A}$ 58'09	19°11'32		-3084 Jan 25 j 13:44	0° $\mathbb{A}$	
retrograde	-3085 Feb 19 j 18:02	21° $\mathbb{A}$ 11'07		retrograde	-3084 Feb 01 j 15:33	3° $\mathbb{A}$ 13'15	
evening set	-3085 Feb 22 j 02:05	20° $\mathbb{A}$ 54'40		evening set	-3084 Feb 04 j 03:29	2° $\mathbb{A}$ 50'34	
inferior conj	-3085 Mar 02 j 05:43	16° $\mathbb{A}$ 43'28	2°45'04		-3084 Feb 09 j 09:46	30° $\mathbb{R}$ $\mathbb{Z}$	
minimum elong	-3085 Mar 02 j 10:35	16° $\mathbb{A}$ 35'10	2°43'47	inferior conj	-3084 Feb 11 j 13:56	28° $\mathbb{Z}$ 20'00	3°38'59
min. Earth dist.	-3085 Mar 05 j 05:33	14° $\mathbb{A}$ 41'53	0.56803 AU	minimum elong	-3084 Feb 11 j 17:09	28° $\mathbb{Z}$ 13'38	3°38'27
morning rise	-3085 Mar 10 j 16:16	11° $\mathbb{A}$ 46'56		min. Earth dist.	-3084 Feb 14 j 23:34	25° $\mathbb{Z}$ 39'31	0.58621 AU
desc. node	-3085 Mar 13 j 03:05	11° $\mathbb{A}$ 04'34		morning rise	-3084 Feb 19 j 04:27	22° $\mathbb{Z}$ 57'12	
direct	-3085 Mar 15 j 15:08	10° $\mathbb{A}$ 49'46		direct	-3084 Feb 25 j 06:36	21° $\mathbb{Z}$ 22'28	
morning max el	-3085 Mar 29 j 19:55	18° $\mathbb{A}$ 06'51	25°16'30	desc. node	-3084 Feb 28 j 00:10	21° $\mathbb{Z}$ 41'13	
	-3085 Apr 08 j 16:13	0° $\mathbb{H}$		morning max el	-3084 Mar 10 j 13:16	28° $\mathbb{Z}$ 56'25	26°37'01
	-3085 Apr 25 j 10:35	0° $\mathbb{Y}$			-3084 Mar 11 j 14:45	0° $\mathbb{A}$	
morning set	-3085 Apr 25 j 13:34	0° $\mathbb{Y}$ 15'36			-3084 Apr 01 j 07:07	0° $\mathbb{H}$	
asc. node	-3085 Apr 28 j 06:28	6° $\mathbb{Y}$ 01'27		morning set	-3084 Apr 09 j 00:28	15° $\mathbb{H}$ 13'32	
				asc. node	-3084 Apr 14 j 03:29	26° $\mathbb{H}$ 13'17	
					-3084 Apr 15 j 20:56	0° $\mathbb{Y}$	
superior conj	-3085 May 02 j 13:43	15° $\mathbb{Y}$ 22'34	0°43'42				
minimum elong	-3085 May 02 j 11:54	15° $\mathbb{Y}$ 12'43	0°43'22	superior conj	-3084 Apr 16 j 01:21	0° $\mathbb{Y}$ 24'16	0°19'57
max. Earth dist.	-3085 May 03 j 15:05	17° $\mathbb{Y}$ 40'26	1.32899 AU	minimum elong	-3084 Apr 16 j 00:29	0° $\mathbb{Y}$ 19'28	0°19'47
	-3085 May 09 j 10:23	0° $\mathbb{B}$		max. Earth dist.	-3084 Apr 16 j 03:53	0° $\mathbb{Y}$ 38'04	1.32562 AU
evening rise	-3085 May 09 j 17:57	0° $\mathbb{B}$ 38'56		evening rise	-3084 Apr 23 j 01:16	15° $\mathbb{Y}$ 28'40	
	-3085 May 26 j 00:25	0° $\mathbb{I}$			-3084 Apr 30 j 09:54	0° $\mathbb{B}$	
desc. node	-3085 Jun 09 j 02:04	18° $\mathbb{I}$ 18'18			-3084 May 20 j 21:20	0° $\mathbb{I}$	
evening max el	-3085 Jun 10 j 15:32	19° $\mathbb{I}$ 51'14	27°16'16	evening max el	-3084 May 22 j 17:58	1° $\mathbb{I}$ 51'44	26°35'20
retrograde	-3085 Jun 24 j 12:55	27° $\mathbb{I}$ 13'24		desc. node	-3084 May 25 j 23:07	4° $\mathbb{I}$ 39'26	
evening set	-3085 Jul 01 j 14:44	24° $\mathbb{I}$ 51'06		retrograde	-3084 Jun 05 j 19:08	9° $\mathbb{I}$ 09'59	
min. Earth dist.	-3085 Jul 05 j 05:07	22° $\mathbb{I}$ 00'36	0.62036 AU	evening set	-3084 Jun 12 j 07:53	7° $\mathbb{I}$ 20'42	
inferior conj	-3085 Jul 08 j 06:28	19° $\mathbb{I}$ 10'38	-4°11'26	min. Earth dist.	-3084 Jun 16 j 07:22	4° $\mathbb{I}$ 40'03	0.60029 AU
minimum elong	-3085 Jul 08 j 09:24	19° $\mathbb{I}$ 03'48	4°10'58	inferior conj	-3084 Jun 19 j 15:51	1° $\mathbb{I}$ 57'16	-4°25'02
morning rise	-3085 Jul 15 j 05:28	14° $\mathbb{I}$ 10'21		minimum elong	-3084 Jun 19 j 16:14	1° $\mathbb{I}$ 56'30	4°24'56
direct	-3085 Jul 17 j 18:50	13° $\mathbb{I}$ 41'44			-3084 Jun 22 j 03:50	30° $\mathbb{R}$ $\mathbb{B}$	
morning max el	-3085 Jul 24 j 14:04	17° $\mathbb{I}$ 07'19	17°57'13	morning rise	-3084 Jun 27 j 02:39	27° $\mathbb{B}$ 18'28	
asc. node	-3085 Jul 25 j 05:49	17° $\mathbb{I}$ 47'22		direct	-3084 Jun 29 j 15:03	26° $\mathbb{B}$ 54'55	
	-3085 Aug 02 j 17:38	0° $\mathbb{E}$			-3084 Jul 06 j 11:56	0° $\mathbb{I}$	
morning set	-3085 Aug 09 j 18:16	12° $\mathbb{E}$ 28'54		morning max el	-3084 Jul 07 j 01:10	0° $\mathbb{I}$ 30'32	18°14'46
	-3085 Aug 19 j 14:28	0° $\Omega$		asc. node	-3084 Jul 11 j 02:53	5° $\mathbb{I}$ 18'35	
				morning set	-3084 Jul 23 j 01:23	25° $\mathbb{I}$ 53'20	
superior conj	-3085 Aug 20 j 15:12	1° $\Omega$ 46'45	1°28'23		-3084 Jul 25 j 05:37	0° $\mathbb{E}$	
minimum elong	-3085 Aug 20 j 20:02	2° $\Omega$ 07'32	1°28'03				
max. Earth dist.	-3085 Aug 27 j 20:47	13° $\Omega$ 55'35	1.42677 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3084 Aug 01 j 14:25	13° $\mathbb{D}$ 40'44	1°44'28	morning set	-3083 Jul 06 j 19:38	9° $\mathbb{I}$ 52'17	
minimum elong	-3084 Aug 01 j 16:46	13° $\mathbb{D}$ 51'23	1°44'27				
max. Earth dist.	-3084 Aug 09 j 03:15	26° $\mathbb{D}$ 55'35	1.40905 AU	superior conj	-3083 Jul 15 j 09:51	26° $\mathbb{I}$ 36'34	1°48'50
	-3084 Aug 10 j 22:53	0° $\mathbb{Q}$		minimum elong	-3083 Jul 15 j 09:48	26° $\mathbb{I}$ 36'18	1°48'56
evening rise	-3084 Aug 14 j 03:08	5° $\mathbb{Q}$ 15'34			-3083 Jul 17 j 04:53	0° $\mathbb{D}$	
desc. node	-3084 Aug 21 j 22:23	17° $\mathbb{Q}$ 38'02		max. Earth dist.	-3083 Jul 22 j 05:52	9° $\mathbb{D}$ 14'19	1.38943 AU
	-3084 Aug 30 j 05:07	0° $\mathbb{P}$		evening rise	-3083 Jul 26 j 04:47	16° $\mathbb{D}$ 10'17	
evening max el	-3084 Sep 17 j 05:23	23° $\mathbb{P}$ 06'17	23°01'02		-3083 Aug 03 j 14:02	0° $\mathbb{Q}$	
retrograde	-3084 Sep 27 j 07:37	29° $\mathbb{P}$ 05'05		desc. node	-3083 Aug 08 j 19:22	8° $\mathbb{Q}$ 03'38	
evening set	-3084 Oct 02 j 03:25	27° $\mathbb{P}$ 05'47			-3083 Aug 24 j 18:56	0° $\mathbb{P}$	
inferior conj	-3084 Oct 07 j 11:02	20° $\mathbb{P}$ 47'11	0°07'49	evening max el	-3083 Aug 30 j 17:19	6° $\mathbb{P}$ 35'29	24°21'23
minimum elong	-3084 Oct 07 j 10:51	20° $\mathbb{P}$ 47'49	0°07'45	retrograde	-3083 Sep 10 j 21:54	13° $\mathbb{P}$ 09'10	
transit middle	-3084 Oct 07 j 10:51	20° $\mathbb{P}$ 47'49	0°07'45	evening set	-3083 Sep 16 j 08:28	10° $\mathbb{P}$ 50'40	
transit begin	-3084 Oct 07 j 08:28	20° $\mathbb{P}$ 56'00		min. Earth dist.	-3083 Sep 21 j 01:15	5° $\mathbb{P}$ 24'30	0.67290 AU
transit end	-3084 Oct 07 j 13:13	20° $\mathbb{P}$ 39'37		inferior conj	-3083 Sep 21 j 17:01	4° $\mathbb{P}$ 31'29	-0°46'09
min. Earth dist.	-3084 Oct 07 j 05:42	21° $\mathbb{P}$ 05'31	0.67477 AU	minimum elong	-3083 Sep 21 j 18:07	4° $\mathbb{P}$ 27'48	0°45'38
asc. node	-3084 Oct 07 j 01:56	21° $\mathbb{P}$ 18'30		asc. node	-3083 Sep 23 j 23:01	1° $\mathbb{P}$ 36'04	
morning rise	-3084 Oct 12 j 18:09	14° $\mathbb{P}$ 35'20			-3083 Sep 25 j 09:01	30° $\mathbb{R}$ $\mathbb{Q}$	
direct	-3084 Oct 17 j 01:52	12° $\mathbb{P}$ 52'40		morning rise	-3083 Sep 27 j 03:44	28° $\mathbb{Q}$ 25'27	
morning max el	-3084 Oct 26 j 00:46	18° $\mathbb{P}$ 10'24	21°42'39	direct	-3083 Sep 30 j 22:44	27° $\mathbb{Q}$ 03'07	
	-3084 Nov 04 j 16:32	0° $\mathbb{L}$			-3083 Oct 07 j 02:49	0° $\mathbb{P}$	
desc. node	-3084 Nov 17 j 21:58	19° $\mathbb{L}$ 10'11		morning max el	-3083 Oct 08 j 21:37	1° $\mathbb{P}$ 41'05	20°27'22
	-3084 Nov 24 j 22:28	0° $\mathbb{M}$			-3083 Oct 29 j 11:55	0° $\mathbb{L}$	
morning set	-3084 Nov 26 j 20:40	3° $\mathbb{M}$ 02'35		desc. node	-3083 Nov 04 j 18:57	9° $\mathbb{L}$ 38'07	
max. Earth dist.	-3084 Dec 03 j 14:10	13° $\mathbb{M}$ 57'38	1.41735 AU	morning set	-3083 Nov 05 j 20:25	11° $\mathbb{L}$ 16'40	
				max. Earth dist.	-3083 Nov 15 j 22:28	27° $\mathbb{L}$ 11'43	1.43393 AU
					-3083 Nov 17 j 16:07	0° $\mathbb{M}$	
superior conj	-3084 Dec 11 j 03:44	26° $\mathbb{M}$ 49'11	-1°53'30				
minimum elong	-3084 Dec 11 j 01:11	26° $\mathbb{M}$ 38'04	1°53'30				
	-3084 Dec 12 j 23:13	0° $\mathbb{N}$		superior conj	-3083 Nov 21 j 23:20	7° $\mathbb{M}$ 02'59	-1°35'54
evening rise	-3084 Dec 21 j 22:38	16° $\mathbb{N}$ 14'11		minimum elong	-3083 Nov 21 j 16:59	6° $\mathbb{M}$ 36'40	1°35'27
	-3084 Dec 29 j 14:20	0° $\mathbb{Z}$		evening rise	-3083 Dec 04 j 11:11	28° $\mathbb{M}$ 23'07	
asc. node	-3083 Jan 03 j 01:03	7° $\mathbb{Z}$ 04'07			-3083 Dec 05 j 09:21	0° $\mathbb{N}$	
evening max el	-3083 Jan 07 j 09:43	12° $\mathbb{Z}$ 25'29	18°10'42	asc. node	-3083 Dec 20 j 22:05	24° $\mathbb{N}$ 33'53	
retrograde	-3083 Jan 14 j 06:35	15° $\mathbb{Z}$ 54'33		evening max el	-3083 Dec 21 j 21:44	25° $\mathbb{N}$ 36'52	18°09'47
evening set	-3083 Jan 16 j 21:56	15° $\mathbb{Z}$ 24'21		retrograde	-3083 Dec 28 j 11:04	29° $\mathbb{N}$ 05'12	
inferior conj	-3083 Jan 23 j 17:52	10° $\mathbb{Z}$ 31'56	3°59'29	evening set	-3083 Dec 31 j 05:49	28° $\mathbb{N}$ 26'37	
minimum elong	-3083 Jan 23 j 18:23	10° $\mathbb{Z}$ 30'45	3°59'22	inferior conj	-3082 Jan 06 j 14:16	23° $\mathbb{N}$ 13'16	3°55'03
min. Earth dist.	-3083 Jan 26 j 23:03	7° $\mathbb{Z}$ 36'04	0.60653 AU	minimum elong	-3082 Jan 06 j 12:39	23° $\mathbb{N}$ 17'30	3°54'48
morning rise	-3083 Jan 30 j 13:20	4° $\mathbb{Z}$ 50'37		min. Earth dist.	-3082 Jan 09 j 07:15	20° $\mathbb{N}$ 24'37	0.62595 AU
direct	-3083 Feb 06 j 08:51	2° $\mathbb{Z}$ 38'36		morning rise	-3082 Jan 12 j 18:37	17° $\mathbb{N}$ 19'02	
desc. node	-3083 Feb 13 j 21:14	5° $\mathbb{Z}$ 01'48		direct	-3082 Jan 19 j 19:56	14° $\mathbb{N}$ 40'10	
morning max el	-3083 Feb 20 j 12:28	10° $\mathbb{Z}$ 20'33	27°28'19	desc. node	-3082 Jan 31 j 18:18	20° $\mathbb{N}$ 34'43	
	-3083 Mar 07 j 19:23	0° $\mathbb{A}$		morning max el	-3082 Feb 02 j 17:45	22° $\mathbb{N}$ 26'00	27°43'42
morning set	-3083 Mar 24 j 08:18	29° $\mathbb{A}$ 59'55			-3082 Feb 09 j 11:11	0° $\mathbb{Z}$	
	-3083 Mar 24 j 08:18	0° $\mathbb{H}$			-3082 Feb 28 j 22:10	0° $\mathbb{A}$	
max. Earth dist.	-3083 Mar 30 j 16:52	13° $\mathbb{H}$ 33'39	1.32565 AU	morning set	-3082 Mar 08 j 10:54	14° $\mathbb{A}$ 27'31	
				max. Earth dist.	-3082 Mar 14 j 02:10	26° $\mathbb{A}$ 13'20	1.32929 AU
superior conj	-3083 Mar 31 j 12:49	15° $\mathbb{H}$ 22'34	-0°05'07				
minimum elong	-3083 Mar 31 j 13:03	15° $\mathbb{H}$ 23'49	0°05'05	superior conj	-3082 Mar 15 j 22:28	0° $\mathbb{H}$ 11'45	-0°30'36
behind sun begin	-3083 Mar 31 j 08:15	14° $\mathbb{H}$ 57'37		minimum elong	-3082 Mar 15 j 23:51	0° $\mathbb{H}$ 19'16	0°30'22
behind sun end	-3083 Mar 31 j 17:51	15° $\mathbb{H}$ 50'02			-3082 Mar 15 j 20:17	0° $\mathbb{H}$	
asc. node	-3083 Apr 01 j 00:29	16° $\mathbb{H}$ 26'20		asc. node	-3082 Mar 18 j 21:29	6° $\mathbb{H}$ 36'39	
evening rise	-3083 Apr 07 j 11:41	0° $\mathbb{Y}$ 25'01		evening rise	-3082 Mar 22 j 23:21	15° $\mathbb{H}$ 21'14	
	-3083 Apr 07 j 06:56	0° $\mathbb{Y}$			-3082 Mar 30 j 08:14	0° $\mathbb{Y}$	
	-3083 Apr 23 j 20:03	0° $\mathbb{B}$		evening max el	-3082 Apr 16 j 05:38	23° $\mathbb{Y}$ 55'58	23°55'49
evening max el	-3083 May 04 j 13:57	13° $\mathbb{B}$ 09'21	25°25'08		-3082 Apr 25 j 07:56	0° $\mathbb{B}$	
desc. node	-3083 May 12 j 20:10	19° $\mathbb{B}$ 01'52		retrograde	-3082 Apr 29 j 23:56	0° $\mathbb{B}$ 49'38	
retrograde	-3083 May 18 j 15:24	20° $\mathbb{B}$ 20'15		desc. node	-3082 Apr 29 j 17:14	0° $\mathbb{B}$ 49'27	
evening set	-3083 May 24 j 03:03	19° $\mathbb{B}$ 09'41		evening set	-3082 May 04 j 02:53	0° $\mathbb{B}$ 11'55	
min. Earth dist.	-3083 May 29 j 02:08	16° $\mathbb{B}$ 22'17	0.58023 AU		-3082 May 04 j 17:49	30° $\mathbb{R}$ $\mathbb{Y}$	
inferior conj	-3083 Jun 01 j 06:54	14° $\mathbb{B}$ 08'07	-4°11'20	min. Earth dist.	-3082 May 10 j 16:56	27° $\mathbb{Y}$ 03'45	0.56334 AU
minimum elong	-3083 Jun 01 j 03:32	14° $\mathbb{B}$ 14'04	4°10'53	inferior conj	-3082 May 13 j 01:46	25° $\mathbb{Y}$ 36'35	-3°19'45
morning rise	-3083 Jun 09 j 06:47	9° $\mathbb{B}$ 50'43		minimum elong	-3082 May 12 j 19:38	25° $\mathbb{Y}$ 46'02	3°18'16
direct	-3083 Jun 11 j 19:06	9° $\mathbb{B}$ 31'11		morning rise	-3082 May 21 j 15:25	21° $\mathbb{Y}$ 35'50	
morning max el	-3083 Jun 20 j 05:59	13° $\mathbb{B}$ 29'23	18°52'35	direct	-3082 May 24 j 03:58	21° $\mathbb{Y}$ 19'21	
asc. node	-3083 Jun 27 j 23:56	23° $\mathbb{B}$ 38'40		morning max el	-3082 Jun 03 j 01:55	25° $\mathbb{Y}$ 54'57	19°51'02
	-3083 Jul 01 j 15:33	0° $\mathbb{I}$			-3082 Jun 06 j 19:23	0° $\mathbb{B}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3082 Jun 14 j 20:58	12°  36'07		asc. node	-3081 Jun 01 j 18:00	2°  01'46	
morning set	-3082 Jun 20 j 21:45	24°  17'04		morning set	-3081 Jun 05 j 05:14	9°  00'55	
	-3082 Jun 23 j 17:25	0°  II					
superior conj	-3082 Jun 28 j 20:05	10°  II18'49	1°44'11	superior conj	-3081 Jun 12 j 16:49	24°  34'56	1°32'50
minimum elong	-3082 Jun 28 j 18:24	10°  II10'24	1°44'11	minimum elong	-3081 Jun 12 j 14:19	24°  22'02	1°32'39
max. Earth dist.	-3082 Jul 04 j 09:13	21°  II04'54	1.37048 AU	max. Earth dist.	-3081 Jun 15 j 08:29	0°  II	
evening rise	-3082 Jul 08 j 06:46	28°  II17'03		evening rise	-3081 Jun 16 j 19:18	2°  II54'27	1.35420 AU
	-3082 Jul 09 j 05:40	0°  ☿			-3081 Jun 21 j 04:10	11°  II23'32	
desc. node	-3082 Jul 26 j 16:23	28°  ☿13'01		desc. node	-3081 Jul 01 j 16:42	0°  ☿	
	-3082 Jul 27 j 22:04	0°  ♊			-3081 Jul 13 j 13:25	17°  ☿59'06	
evening max el	-3082 Aug 13 j 04:02	20°  ♊07'00	25°35'43	evening max el	-3081 Jul 23 j 03:25	0°  ♊	
retrograde	-3082 Aug 25 j 07:54	27°  ♊07'31		retrograde	-3081 Jul 26 j 15:15	3°  ♊38'19	26°36'00
evening set	-3082 Aug 31 j 09:22	24°  ♊32'25		evening set	-3081 Aug 08 j 13:07	10°  ♊54'41	
min. Earth dist.	-3082 Sep 04 j 17:34	19°  ♊42'43	0.66784 AU	min. Earth dist.	-3081 Aug 15 j 03:58	8°  ♊09'02	
inferior conj	-3082 Sep 05 j 20:30	18°  ♊16'01	-1°39'37	inferior conj	-3081 Aug 19 j 04:21	3°  ♊57'14	0.65933 AU
minimum elong	-3082 Sep 05 j 22:51	18°  ♊08'26	1°38'36	minimum elong	-3081 Aug 20 j 19:37	1°  ♊58'44	-2°30'40
asc. node	-3082 Sep 10 j 20:08	12°  ♊47'39			-3081 Aug 20 j 23:01	1°  ♊48'28	2°29'24
morning rise	-3082 Sep 11 j 12:29	12°  ♊18'44		morning rise	-3081 Aug 22 j 11:52	30°  ♊☿	
direct	-3082 Sep 14 j 20:52	11°  ♊13'48		direct	-3081 Aug 26 j 18:24	26°  ☿13'14	
morning max el	-3082 Sep 22 j 01:48	15°  ♊20'33	19°25'03	asc. node	-3081 Aug 28 j 17:13	25°  ☿28'32	
	-3082 Oct 03 j 02:56	0°  ♊		direct	-3081 Aug 29 j 18:33	25°  ☿22'15	
morning set	-3082 Oct 15 j 22:33	19°  ♊44'45		morning max el	-3081 Sep 05 j 12:00	29°  ☿06'29	18°38'06
desc. node	-3082 Oct 22 j 15:55	0°  ♊15'02			-3081 Sep 06 j 08:13	0°  ♊	
	-3082 Oct 22 j 12:05	0°  ♊		morning set	-3081 Sep 25 j 23:04	29°  ♊21'24	
max. Earth dist.	-3082 Oct 29 j 12:41	11°  ♊03'11	1.44480 AU	desc. node	-3081 Sep 26 j 08:41	0°  ♊	
					-3081 Oct 09 j 12:55	20°  ♊57'44	
superior conj	-3082 Nov 01 j 15:55	16°  ♊01'58	-1°01'08	superior conj	-3081 Oct 11 j 16:19	24°  ♊20'17	-0°13'41
minimum elong	-3082 Nov 01 j 09:04	15°  ♊34'40	1°00'21	minimum elong	-3081 Oct 11 j 14:30	24°  ♊13'09	0°13'25
	-3082 Nov 10 j 07:32	0°  ♊		behind sun begin	-3081 Oct 11 j 07:57	23°  ♊47'18	
evening rise	-3082 Nov 16 j 03:09	9°  ♊36'06		behind sun end	-3081 Oct 11 j 21:04	24°  ♊38'59	
	-3082 Nov 28 j 14:50	0°  ♊		max. Earth dist.	-3081 Oct 12 j 06:03	25°  ♊14'23	1.44877 AU
evening max el	-3082 Dec 05 j 10:11	8°  ♊57'16	18°27'42		-3081 Oct 15 j 06:38	0°  ♊	
asc. node	-3082 Dec 07 j 19:09	11°  ♊01'51		evening rise	-3081 Oct 27 j 18:51	19°  ♊46'39	
retrograde	-3082 Dec 12 j 00:30	12°  ♊35'39			-3081 Nov 03 j 05:01	0°  ♊	
evening set	-3082 Dec 14 j 23:36	11°  ♊47'30		greatest brilliancy	-3081 Nov 04 j 18:17	2°  ♊27'36	-0.8m
inferior conj	-3082 Dec 20 j 23:14	6°  ♊15'26	3°33'16	evening max el	-3081 Nov 18 j 20:39	22°  ♊22'28	19°03'15
minimum elong	-3082 Dec 20 j 20:27	6°  ♊23'29	3°32'39	asc. node	-3081 Nov 24 j 16:15	26°  ♊12'54	
min. Earth dist.	-3082 Dec 23 j 01:28	3°  ♊50'29	0.64264 AU	retrograde	-3081 Nov 25 j 19:08	26°  ♊19'57	
morning rise	-3082 Dec 26 j 16:48	0°  ♊12'13		evening set	-3081 Nov 29 j 00:17	25°  ♊20'14	
	-3082 Dec 26 j 22:48	30°  ♊		inferior conj	-3081 Dec 04 j 17:20	19°  ♊32'15	2°59'33
direct	-3081 Jan 02 j 14:35	27°  ♊21'07		minimum elong	-3081 Dec 04 j 14:15	19°  ♊41'54	2°58'38
	-3081 Jan 10 j 00:52	0°  ♊		min. Earth dist.	-3081 Dec 06 j 05:06	17°  ♊40'23	0.65583 AU
morning max el	-3081 Jan 16 j 02:38	5°  ♊05'02	27°23'32	morning rise	-3081 Dec 10 j 03:53	13°  ♊22'52	
desc. node	-3081 Jan 18 j 15:21	7°  ♊43'52		direct	-3081 Dec 16 j 15:40	10°  ♊33'50	
	-3081 Feb 04 j 02:38	0°  ♊		morning max el	-3081 Dec 29 j 12:14	18°  ♊05'05	26°33'11
morning set	-3081 Feb 20 j 05:34	28°  ♊27'13		desc. node	-3080 Jan 05 j 12:24	26°  ♊01'15	
	-3081 Feb 21 j 00:22	0°  ♊			-3080 Jan 08 j 14:28	0°  ♊	
max. Earth dist.	-3081 Feb 25 j 03:39	8°  ♊23'45	1.33687 AU		-3080 Jan 28 j 01:06	0°  ♊	
				morning set	-3080 Feb 03 j 12:37	11°  ♊47'05	
superior conj	-3081 Feb 28 j 04:29	14°  ♊45'47	-0°55'32	max. Earth dist.	-3080 Feb 07 j 18:02	19°  ♊58'08	1.34891 AU
minimum elong	-3081 Feb 28 j 06:55	14°  ♊58'44	0°55'10				
asc. node	-3081 Mar 05 j 18:30	26°  ♊40'09		superior conj	-3080 Feb 12 j 04:38	28°  ♊57'22	-1°18'39
evening rise	-3081 Mar 07 j 10:29	0°  ♊10'59		minimum elong	-3080 Feb 12 j 07:48	29°  ♊13'39	1°18'17
	-3081 Mar 07 j 08:23	0°  ♊			-3080 Feb 12 j 16:47	0°  ♊	
	-3081 Mar 24 j 17:36	0°  ♊		evening rise	-3080 Feb 19 j 19:15	14°  ♊47'46	
evening max el	-3081 Mar 28 j 23:02	4°  ♊38'25	22°21'36	asc. node	-3080 Feb 20 j 15:32	16°  ♊32'00	
retrograde	-3081 Apr 10 j 20:30	10°  ♊56'25			-3080 Feb 27 j 15:11	0°  ♊	
evening set	-3081 Apr 13 j 18:44	10°  ♊37'32		evening max el	-3080 Mar 10 j 00:14	15°  ♊42'34	20°54'58
desc. node	-3081 Apr 16 j 14:19	9°  ♊46'38		retrograde	-3080 Mar 21 j 09:53	21°  ♊09'37	
min. Earth dist.	-3081 Apr 22 j 06:56	6°  ♊56'30	0.55306 AU	evening set	-3080 Mar 23 j 17:59	20°  ♊56'46	
inferior conj	-3081 Apr 23 j 03:36	6°  ♊27'09	-1°47'25	inferior conj	-3080 Apr 01 j 22:39	16°  ♊58'58	0°08'56
minimum elong	-3081 Apr 22 j 22:53	6°  ♊33'51	1°45'53	minimum elong	-3080 Apr 01 j 23:04	16°  ♊58'23	0°08'45
morning rise	-3081 May 02 j 04:44	2°  ♊30'25		transit middle	-3080 Apr 01 j 23:04	16°  ♊58'23	0°08'45
direct	-3081 May 04 j 20:40	2°  ♊14'14		transit begin	-3080 Apr 01 j 19:39	17°  ♊03'15	
morning max el	-3081 May 16 j 11:13	7°  ♊40'29	21°08'57	transit end	-3080 Apr 02 j 02:28	16°  ♊53'31	
	-3081 May 31 j 16:54	0°  ♊		desc. node	-3080 Apr 02 j 11:26	16°  ♊40'43	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-3080 Apr 02 j 21:03	16° $\text{H}$ 27'00	0.55185 AU	minimum elong	-3079 Mar 13 j 05:33	27° $\approx$ 34'14	1°55'30
morning rise	-3080 Apr 11 j 03:22	12° $\text{H}$ 48'25		min. Earth dist.	-3079 Mar 15 j 11:24	26° $\approx$ 10'07	0.55992 AU
direct	-3080 Apr 14 j 08:33	12° $\text{H}$ 25'53		desc. node	-3079 Mar 20 j 08:30	23° $\approx$ 36'11	
morning max el	-3080 Apr 27 j 10:04	18° $\text{H}$ 44'58	22°42'11	morning rise	-3079 Mar 21 j 21:24	23° $\approx$ 02'59	
	-3080 May 06 j 14:07	0° $\text{Y}$		direct	-3079 Mar 26 j 03:29	22° $\approx$ 22'37	
asc. node	-3080 May 18 j 15:02	21° $\text{Y}$ 47'27		morning max el	-3079 Apr 09 j 02:02	29° $\approx$ 22'32	24°21'42
morning set	-3080 May 19 j 15:55	23° $\text{Y}$ 56'25			-3079 Apr 09 j 17:26	0° $\text{H}$	
	-3080 May 22 j 12:48	0° $\text{B}$			-3079 Apr 29 j 18:14	0° $\text{Y}$	
				morning set	-3079 May 04 j 04:00	8° $\text{Y}$ 57'47	
superior conj	-3080 May 26 j 20:37	9° $\text{B}$ 13'24	1°16'30	asc. node	-3079 May 05 j 12:04	11° $\text{Y}$ 47'20	
minimum elong	-3080 May 26 j 18:00	8° $\text{B}$ 59'30	1°16'10				
max. Earth dist.	-3080 May 29 j 15:21	15° $\text{B}$ 04'01	1.34154 AU	superior conj	-3079 May 11 j 05:00	24° $\text{Y}$ 06'09	0°56'29
evening rise	-3080 Jun 03 j 15:47	25° $\text{B}$ 13'46		minimum elong	-3079 May 11 j 02:47	23° $\text{Y}$ 54'10	0°56'07
	-3080 Jun 06 j 03:00	0° $\text{II}$		max. Earth dist.	-3079 May 12 j 20:31	27° $\text{Y}$ 38'56	1.33261 AU
	-3080 Jun 24 j 03:26	0° $\text{E}$			-3079 May 13 j 22:55	0° $\text{B}$	
desc. node	-3080 Jun 29 j 10:28	7° $\text{E}$ 10'57		evening rise	-3079 May 18 j 13:26	9° $\text{B}$ 34'56	
evening max el	-3080 Jul 08 j 02:49	17° $\text{E}$ 00'11	27°14'35		-3079 May 29 j 11:46	0° $\text{II}$	
retrograde	-3080 Jul 21 j 12:55	24° $\text{E}$ 22'19		desc. node	-3079 Jun 16 j 07:31	25° $\text{II}$ 33'53	
evening set	-3080 Jul 28 j 13:33	21° $\text{E}$ 35'40		evening max el	-3079 Jun 20 j 12:45	29° $\text{II}$ 59'27	27°24'49
min. Earth dist.	-3080 Aug 01 j 07:22	18° $\text{E}$ 00'45	0.64707 AU		-3079 Jun 20 j 12:59	0° $\text{E}$	
inferior conj	-3080 Aug 03 j 12:04	15° $\text{E}$ 34'50	-3°16'57	retrograde	-3079 Jul 04 j 06:29	7° $\text{E}$ 21'35	
minimum elong	-3080 Aug 03 j 16:03	15° $\text{E}$ 23'47	3°15'46	evening set	-3079 Jul 11 j 10:40	4° $\text{E}$ 46'24	
morning rise	-3080 Aug 09 j 19:09	10° $\text{E}$ 04'18		min. Earth dist.	-3079 Jul 15 j 00:44	1° $\text{E}$ 42'54	0.63111 AU
direct	-3080 Aug 12 j 13:29	9° $\text{E}$ 23'56			-3079 Jul 16 j 18:23	30° $\text{R}$ $\text{II}$	
asc. node	-3080 Aug 14 j 14:19	9° $\text{E}$ 45'47		inferior conj	-3079 Jul 17 j 19:06	28° $\text{II}$ 57'59	-3°55'06
morning max el	-3080 Aug 19 j 01:57	12° $\text{E}$ 54'03	18°08'02	minimum elong	-3079 Jul 17 j 22:47	28° $\text{II}$ 48'48	3°54'19
	-3080 Aug 30 j 23:34	0° $\text{O}$		morning rise	-3079 Jul 24 j 11:53	23° $\text{II}$ 45'47	
morning set	-3080 Sep 06 j 03:28	10° $\text{O}$ 19'20		direct	-3079 Jul 27 j 02:37	23° $\text{II}$ 13'22	
	-3080 Sep 18 j 01:44	0° $\text{P}$		asc. node	-3079 Aug 01 j 11:23	25° $\text{II}$ 30'20	
				morning max el	-3079 Aug 02 j 17:00	26° $\text{II}$ 37'39	17°55'48
superior conj	-3080 Sep 19 j 22:23	2° $\text{P}$ 59'45	0°34'42		-3079 Aug 05 j 15:08	0° $\text{E}$	
minimum elong	-3080 Sep 20 j 02:23	3° $\text{P}$ 15'45	0°34'13	morning set	-3079 Aug 19 j 07:56	22° $\text{E}$ 26'08	
max. Earth dist.	-3080 Sep 24 j 00:03	9° $\text{P}$ 29'05	1.44543 AU		-3079 Aug 23 j 15:31	0° $\text{O}$	
desc. node	-3080 Sep 25 j 09:55	11° $\text{P}$ 43'02					
evening rise	-3080 Oct 06 j 11:32	29° $\text{P}$ 00'07		superior conj	-3079 Aug 31 j 03:49	12° $\text{O}$ 49'26	1°12'53
	-3080 Oct 07 j 03:00	0° $\text{A}$		minimum elong	-3079 Aug 31 j 09:25	13° $\text{O}$ 12'50	1°12'21
greatest brilliancy	-3080 Oct 19 j 16:42	19° $\text{A}$ 13'18	-0.7m	max. Earth dist.	-3079 Sep 06 j 15:29	23° $\text{O}$ 28'28	1.43527 AU
	-3080 Oct 27 j 06:01	0° $\text{M}$			-3079 Sep 10 j 17:30	0° $\text{P}$	
evening max el	-3080 Nov 01 j 02:58	5° $\text{M}$ 49'40	19°54'44	desc. node	-3079 Sep 12 j 06:55	2° $\text{P}$ 27'33	
retrograde	-3080 Nov 08 j 16:07	10° $\text{M}$ 14'13		evening rise	-3079 Sep 15 j 16:24	7° $\text{P}$ 45'29	
asc. node	-3080 Nov 10 j 13:19	9° $\text{M}$ 53'41			-3079 Sep 30 j 10:36	0° $\text{A}$	
evening set	-3080 Nov 12 j 05:24	9° $\text{M}$ 00'33		evening max el	-3079 Oct 15 j 03:31	19° $\text{A}$ 16'12	20°59'47
inferior conj	-3080 Nov 17 j 17:43	2° $\text{M}$ 59'36	2°17'35	retrograde	-3079 Oct 23 j 13:13	24° $\text{A}$ 14'49	
minimum elong	-3080 Nov 17 j 14:59	3° $\text{M}$ 08'40	2°16'35	evening set	-3079 Oct 27 j 12:48	22° $\text{A}$ 44'43	
min. Earth dist.	-3080 Nov 18 j 16:23	1° $\text{M}$ 44'38	0.66539 AU	asc. node	-3079 Oct 28 j 10:25	21° $\text{A}$ 59'14	
	-3080 Nov 20 j 00:57	30° $\text{R}$ $\text{A}$		inferior conj	-3079 Nov 01 j 22:04	16° $\text{A}$ 34'02	1°29'53
morning rise	-3080 Nov 23 j 00:20	26° $\text{A}$ 46'25		minimum elong	-3079 Nov 01 j 20:06	16° $\text{A}$ 40'43	1°29'04
direct	-3080 Nov 28 j 22:24	24° $\text{A}$ 10'22		min. Earth dist.	-3079 Nov 02 j 09:05	15° $\text{A}$ 56'19	0.67153 AU
	-3080 Dec 09 j 14:06	0° $\text{M}$		morning rise	-3079 Nov 07 j 03:15	10° $\text{A}$ 19'19	
morning max el	-3080 Dec 10 j 21:05	1° $\text{M}$ 15'31	25°21'08	direct	-3079 Nov 12 j 10:00	8° $\text{A}$ 02'41	
desc. node	-3080 Dec 22 j 09:26	15° $\text{M}$ 06'55		morning max el	-3079 Nov 23 j 05:46	14° $\text{A}$ 29'56	23°56'59
	-3079 Jan 01 j 15:26	0° $\text{X}$			-3079 Dec 05 j 21:03	0° $\text{M}$	
morning set	-3079 Jan 16 j 03:10	24° $\text{X}$ 12'44		desc. node	-3079 Dec 09 j 06:27	4° $\text{M}$ 46'14	
	-3079 Jan 19 j 06:50	0° $\text{B}$			-3079 Dec 25 j 13:39	0° $\text{X}$	
max. Earth dist.	-3079 Jan 19 j 21:01	1° $\text{B}$ 06'25	1.36540 AU	morning set	-3079 Dec 28 j 19:05	5° $\text{X}$ 26'53	
				max. Earth dist.	-3078 Jan 01 j 17:17	12° $\text{X}$ 18'00	1.38523 AU
superior conj	-3079 Jan 25 j 20:07	12° $\text{B}$ 38'09	-1°38'14				
minimum elong	-3079 Jan 25 j 23:21	12° $\text{B}$ 54'09	1°38'00	superior conj	-3078 Jan 08 j 23:06	25° $\text{X}$ 36'45	-1°51'55
evening rise	-3079 Feb 02 j 23:38	29° $\text{B}$ 05'23		minimum elong	-3078 Jan 09 j 01:17	25° $\text{X}$ 47'06	1°51'53
	-3079 Feb 03 j 10:28	0° $\approx$			-3078 Jan 11 j 06:10	0° $\text{B}$	
asc. node	-3079 Feb 06 j 12:34	6° $\approx$ 06'59		evening rise	-3078 Jan 17 j 21:07	12° $\text{B}$ 56'13	
evening max el	-3079 Feb 20 j 11:59	27° $\approx$ 21'30	19°43'53	asc. node	-3078 Jan 24 j 09:36	25° $\text{B}$ 18'03	
	-3079 Feb 23 j 20:10	0° $\text{H}$			-3078 Jan 27 j 03:25	0° $\approx$	
retrograde	-3079 Mar 02 j 04:38	1° $\text{H}$ 58'07		evening max el	-3078 Feb 03 j 09:39	9° $\approx$ 34'35	18°51'53
evening set	-3079 Mar 04 j 11:18	1° $\text{H}$ 44'01		retrograde	-3078 Feb 11 j 15:35	13° $\approx$ 33'08	
	-3079 Mar 09 j 02:32	30° $\text{R}$ $\approx$		evening set	-3078 Feb 14 j 01:20	13° $\approx$ 14'12	
inferior conj	-3079 Mar 13 j 01:09	27° $\approx$ 41'08	1°56'53	inferior conj	-3078 Feb 21 j 21:22	8° $\approx$ 54'54	3°12'30

































































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3078 Feb 22 j 01:48	8° $\approx$ 46'48	3°11'30	min. Earth dist.	-3077 Feb 06 j 23:16	17° $\approx$ 56'47	0.59475 AU
min. Earth dist.	-3078 Feb 25 j 03:14	6° $\approx$ 34'33	0.57527 AU	morning rise	-3077 Feb 10 j 20:12	15° $\approx$ 15'00	
morning rise	-3078 Mar 01 j 23:38	3° $\approx$ 46'27		direct	-3077 Feb 17 j 06:54	13° $\approx$ 23'47	
direct	-3078 Mar 07 j 10:48	2° $\approx$ 34'26		desc. node	-3077 Feb 22 j 02:40	14° $\approx$ 22'44	
desc. node	-3078 Mar 07 j 05:35	2° $\approx$ 34'32		morning max el	-3077 Mar 03 j 13:09	21° $\approx$ 02'30	27°03'06
morning max el	-3078 Mar 21 j 17:20	9° $\approx$ 59'28	25°53'44		-3077 Mar 11 j 08:11	0° $\approx$	
	-3078 Apr 05 j 21:59	0° $\approx$			-3077 Mar 29 j 16:07	0° $\approx$	
morning set	-3078 Apr 18 j 15:50	23° $\approx$ 58'38		morning set	-3077 Apr 03 j 01:39	8° $\approx$ 52'25	
	-3078 Apr 21 j 11:40	0° $\approx$		asc. node	-3077 Apr 09 j 06:05	22° $\approx$ 08'43	
asc. node	-3078 Apr 22 j 09:06	1° $\approx$ 55'59					
				superior conj	-3077 Apr 10 j 03:40	24° $\approx$ 06'50	0°09'27
superior conj	-3078 Apr 25 j 15:56	9° $\approx$ 06'06	0°33'51	minimum elong	-3077 Apr 10 j 03:15	24° $\approx$ 04'31	0°09'21
minimum elong	-3078 Apr 25 j 14:29	8° $\approx$ 58'13	0°33'34	behind sun begin	-3077 Apr 09 j 23:11	23° $\approx$ 42'17	
max. Earth dist.	-3078 Apr 26 j 07:35	10° $\approx$ 31'33	1.32715 AU	behind sun end	-3077 Apr 10 j 07:18	24° $\approx$ 26'45	
evening rise	-3078 May 02 j 17:55	24° $\approx$ 16'21		max. Earth dist.	-3077 Apr 09 j 20:51	23° $\approx$ 29'27	1.32512 AU
	-3078 May 05 j 13:39	0° $\approx$			-3077 Apr 12 j 20:15	0° $\approx$	
	-3078 May 23 j 07:01	0° $\approx$		evening rise	-3077 Apr 17 j 02:45	9° $\approx$ 09'19	
evening max el	-3078 Jun 02 j 18:24	12° $\approx$ 23'30	27°02'43		-3077 Apr 27 j 23:33	0° $\approx$	
desc. node	-3078 Jun 03 j 04:33	12° $\approx$ 47'30		evening max el	-3077 May 15 j 17:48	24° $\approx$ 04'36	26°08'37
retrograde	-3078 Jun 16 j 17:16	19° $\approx$ 43'54		desc. node	-3077 May 21 j 01:36	28° $\approx$ 22'50	
evening set	-3078 Jun 23 j 15:18	17° $\approx$ 34'04			-3077 May 23 j 23:50	0° $\approx$	
min. Earth dist.	-3078 Jun 27 j 07:57	14° $\approx$ 50'09	0.61205 AU	retrograde	-3077 May 29 j 19:50	1° $\approx$ 21'24	
inferior conj	-3078 Jun 30 j 13:26	12° $\approx$ 00'41	-4°19'52	evening set	-3077 Jun 04 j 23:19	29° $\approx$ 48'09	
minimum elong	-3078 Jun 30 j 15:29	11° $\approx$ 56'10	4°19'36		-3077 Jun 04 j 13:27	30° $\approx$	
morning rise	-3078 Jul 07 j 17:18	7° $\approx$ 09'34		min. Earth dist.	-3077 Jun 09 j 06:34	27° $\approx$ 06'47	0.59153 AU
direct	-3078 Jul 10 j 06:14	6° $\approx$ 43'10		inferior conj	-3077 Jun 12 j 15:23	24° $\approx$ 33'11	-4°23'16
morning max el	-3078 Jul 17 j 06:27	10° $\approx$ 11'13	18°02'17	minimum elong	-3077 Jun 12 j 14:15	24° $\approx$ 35'22	4°23'08
asc. node	-3078 Jul 19 j 08:28	12° $\approx$ 27'23		morning rise	-3077 Jun 20 j 07:39	20° $\approx$ 04'05	
	-3078 Jul 30 j 07:41	0° $\approx$		direct	-3077 Jun 22 j 19:50	19° $\approx$ 42'28	
morning set	-3078 Aug 02 j 06:48	5° $\approx$ 26'24		morning max el	-3077 Jun 30 j 15:21	23° $\approx$ 25'56	18°28'23
					-3077 Jul 05 j 23:49	0° $\approx$	
superior conj	-3078 Aug 12 j 12:54	24° $\approx$ 01'50	1°36'49	asc. node	-3077 Jul 06 j 05:31	0° $\approx$ 21'13	
minimum elong	-3078 Aug 12 j 16:46	24° $\approx$ 18'47	1°36'38	morning set	-3077 Jul 16 j 19:07	19° $\approx$ 06'49	
	-3078 Aug 15 j 23:24	0° $\approx$			-3077 Jul 22 j 11:27	0° $\approx$	
max. Earth dist.	-3078 Aug 20 j 01:32	6° $\approx$ 54'19	1.41963 AU				
evening rise	-3078 Aug 26 j 04:42	16° $\approx$ 53'22		superior conj	-3077 Jul 25 j 21:30	6° $\approx$ 24'49	1°47'35
desc. node	-3078 Aug 30 j 03:54	23° $\approx$ 08'10		minimum elong	-3077 Jul 25 j 22:45	6° $\approx$ 30'37	1°47'39
	-3078 Sep 03 j 15:18	0° $\approx$		max. Earth dist.	-3077 Aug 02 j 05:36	19° $\approx$ 35'05	1.40074 AU
	-3078 Sep 25 j 09:46	0° $\approx$		evening rise	-3077 Aug 06 j 15:19	27° $\approx$ 04'53	
evening max el	-3078 Sep 27 j 21:57	2° $\approx$ 42'27	22°14'59		-3077 Aug 08 j 09:38	0° $\approx$	
retrograde	-3078 Oct 07 j 08:47	8° $\approx$ 19'36		desc. node	-3077 Aug 17 j 00:53	13° $\approx$ 40'32	
evening set	-3078 Oct 11 j 20:41	6° $\approx$ 31'10			-3077 Aug 28 j 06:25	0° $\approx$	
asc. node	-3078 Oct 15 j 07:29	2° $\approx$ 46'33		evening max el	-3077 Sep 10 j 11:30	16° $\approx$ 09'39	23°35'23
inferior conj	-3078 Oct 17 j 04:27	0° $\approx$ 14'11	0°38'28	retrograde	-3077 Sep 21 j 01:23	22° $\approx$ 24'45	
minimum elong	-3078 Oct 17 j 03:34	0° $\approx$ 17'14	0°38'05	evening set	-3077 Sep 26 j 03:17	20° $\approx$ 17'10	
min. Earth dist.	-3078 Oct 17 j 04:54	0° $\approx$ 12'36	0.67446 AU	inferior conj	-3077 Oct 01 j 11:05	13° $\approx$ 57'37	-0°15'02
	-3078 Oct 17 j 08:33	30° $\approx$		minimum elong	-3077 Oct 01 j 11:26	13° $\approx$ 56'25	0°14'51
morning rise	-3078 Oct 22 j 10:19	24° $\approx$ 00'27		transit middle	-3077 Oct 01 j 11:26	13° $\approx$ 56'25	0°14'51
direct	-3078 Oct 27 j 02:00	22° $\approx$ 05'37		transit begin	-3077 Oct 01 j 10:18	14° $\approx$ 00'16	
morning max el	-3078 Nov 05 j 17:00	27° $\approx$ 49'02	22°30'20	transit end	-3077 Oct 01 j 12:34	13° $\approx$ 52'33	
	-3078 Nov 07 j 18:05	0° $\approx$		min. Earth dist.	-3077 Oct 01 j 01:21	14° $\approx$ 30'54	0.67435 AU
desc. node	-3078 Nov 26 j 03:29	24° $\approx$ 49'59		asc. node	-3077 Oct 02 j 04:35	12° $\approx$ 58'00	
	-3078 Nov 29 j 13:46	0° $\approx$		morning rise	-3077 Oct 06 j 19:31	7° $\approx$ 47'41	
morning set	-3078 Dec 09 j 07:02	15° $\approx$ 18'29		direct	-3077 Oct 10 j 21:29	6° $\approx$ 14'05	
max. Earth dist.	-3078 Dec 14 j 14:22	24° $\approx$ 07'10	1.40606 AU	morning max el	-3077 Oct 19 j 09:42	11° $\approx$ 14'33	21°09'08
	-3078 Dec 18 j 00:34	0° $\approx$			-3077 Nov 02 j 20:27	0° $\approx$	
				desc. node	-3077 Nov 13 j 00:30	15° $\approx$ 10'38	
superior conj	-3078 Dec 22 j 08:53	7° $\approx$ 41'40	-1°56'29	morning set	-3077 Nov 18 j 16:05	23° $\approx$ 55'26	
minimum elong	-3078 Dec 22 j 08:30	7° $\approx$ 39'54	1°56'35		-3077 Nov 22 j 12:15	0° $\approx$	
evening rise	-3077 Jan 01 j 08:50	26° $\approx$ 13'55		max. Earth dist.	-3077 Nov 26 j 17:29	6° $\approx$ 48'43	1.42496 AU
	-3077 Jan 03 j 08:58	0° $\approx$					
asc. node	-3077 Jan 11 j 06:37	13° $\approx$ 57'51		superior conj	-3077 Dec 03 j 19:51	18° $\approx$ 39'16	-1°48'05
evening max el	-3077 Jan 17 j 15:08	22° $\approx$ 16'43	18°19'58	minimum elong	-3077 Dec 03 j 15:33	18° $\approx$ 21'01	1°47'56
retrograde	-3077 Jan 24 j 21:03	25° $\approx$ 52'30			-3077 Dec 10 j 08:26	0° $\approx$	
evening set	-3077 Jan 27 j 10:20	25° $\approx$ 26'51		evening rise	-3077 Dec 15 j 07:04	8° $\approx$ 50'19	
inferior conj	-3077 Feb 03 j 14:13	20° $\approx$ 46'59	3°51'17		-3077 Dec 27 j 17:42	0° $\approx$	
minimum elong	-3077 Feb 03 j 16:17	20° $\approx$ 42'36	3°51'00	asc. node	-3077 Dec 29 j 03:39	1° $\approx$ 56'51	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3076 Jan 01 j 01:38	5° $\text{Z}$ 20'11	18°08'01	evening rise	-3076 Nov 26 j 11:22	20° $\text{M}$ 36'12	
retrograde	-3076 Jan 07 j 18:16	8° $\text{Z}$ 47'27			-3076 Dec 01 j 23:13	0° $\text{Z}$	
evening set	-3076 Jan 10 j 10:55	8° $\text{Z}$ 13'56		evening max el	-3076 Dec 14 j 14:15	18° $\text{Z}$ 36'37	18°15'16
inferior conj	-3076 Jan 17 j 01:39	3° $\text{Z}$ 12'46	4°00'07	asc. node	-3076 Dec 15 j 00:43	19° $\text{Z}$ 02'28	
minimum elong	-3076 Jan 17 j 01:09	3° $\text{Z}$ 13'59	4°00'01	retrograde	-3076 Dec 21 j 02:55	22° $\text{Z}$ 07'39	
min. Earth dist.	-3076 Jan 20 j 02:24	0° $\text{Z}$ 17'05	0.61501 AU	evening set	-3076 Dec 23 j 23:26	21° $\text{Z}$ 25'07	
	-3076 Jan 20 j 09:49	30° $\text{R}$ $\text{Z}$		inferior conj	-3076 Dec 30 j 03:51	16° $\text{Z}$ 03'40	3°47'32
morning rise	-3076 Jan 23 j 14:07	27° $\text{Z}$ 25'15		minimum elong	-3076 Dec 30 j 01:37	16° $\text{Z}$ 09'47	3°47'08
direct	-3076 Jan 30 j 13:31	24° $\text{Z}$ 59'45		min. Earth dist.	-3075 Jan 01 j 14:43	13° $\text{Z}$ 23'31	0.63348 AU
desc. node	-3076 Feb 08 j 23:45	28° $\text{Z}$ 44'18		morning rise	-3075 Jan 05 j 03:08	10° $\text{Z}$ 05'34	
	-3076 Feb 10 j 14:27	0° $\text{Z}$		direct	-3075 Jan 12 j 04:08	7° $\text{Z}$ 19'25	
morning max el	-3076 Feb 13 j 15:06	2° $\text{Z}$ 44'47	27°39'22	desc. node	-3075 Jan 25 j 20:50	15° $\text{Z}$ 02'09	
	-3076 Mar 04 j 16:58	0° $\approx$		morning max el	-3075 Jan 25 j 22:00	15° $\text{Z}$ 05'00	27°39'13
morning set	-3076 Mar 17 j 07:33	23° $\approx$ 32'17			-3075 Feb 07 j 03:43	0° $\text{Z}$	
	-3076 Mar 20 j 09:51	0° $\text{H}$			-3075 Feb 25 j 06:47	0° $\approx$	
max. Earth dist.	-3076 Mar 23 j 08:33	6° $\text{H}$ 19'24	1.32664 AU	morning set	-3075 Mar 01 j 07:06	7° $\approx$ 49'05	
				max. Earth dist.	-3075 Mar 06 j 14:53	18° $\approx$ 47'34	1.33198 AU
superior conj	-3076 Mar 24 j 14:36	9° $\text{H}$ 02'40	-0°15'55	superior conj	-3075 Mar 08 j 22:56	23° $\approx$ 46'23	-0°41'18
minimum elong	-3076 Mar 24 j 15:19	9° $\text{H}$ 06'36	0°15'48	minimum elong	-3075 Mar 09 j 00:48	23° $\approx$ 56'22	0°41'00
behind sun begin	-3076 Mar 24 j 15:07	9° $\text{H}$ 05'31			-3075 Mar 11 j 20:18	0° $\text{H}$	
behind sun end	-3076 Mar 24 j 15:31	9° $\text{H}$ 07'42		asc. node	-3075 Mar 13 j 00:05	2° $\text{H}$ 29'37	
asc. node	-3076 Mar 26 j 03:05	12° $\text{H}$ 21'32		evening rise	-3075 Mar 16 j 01:34	9° $\text{H}$ 01'10	
evening rise	-3076 Mar 31 j 13:55	24° $\text{H}$ 06'47			-3075 Mar 27 j 02:11	0° $\text{Y}$	
	-3076 Apr 03 j 10:14	0° $\text{Y}$		evening max el	-3075 Apr 08 j 03:16	15° $\text{Y}$ 49'08	23°15'36
	-3076 Apr 21 j 18:17	0° $\text{Z}$		retrograde	-3075 Apr 21 j 14:31	22° $\text{Y}$ 29'13	
evening max el	-3076 Apr 26 j 11:31	5° $\text{Z}$ 07'20	24°48'51	desc. node	-3075 Apr 23 j 19:45	22° $\text{Y}$ 18'19	
desc. node	-3076 May 06 j 22:39	11° $\text{Z}$ 44'03		evening set	-3075 Apr 25 j 03:57	22° $\text{Y}$ 01'29	
retrograde	-3076 May 10 j 11:41	12° $\text{Z}$ 13'08		min. Earth dist.	-3075 May 02 j 13:50	18° $\text{Y}$ 41'06	0.55801 AU
evening set	-3076 May 15 j 09:31	11° $\text{Z}$ 18'10		inferior conj	-3075 May 04 j 08:45	17° $\text{Y}$ 38'01	-2°45'09
min. Earth dist.	-3076 May 20 j 23:38	8° $\text{Z}$ 23'08	0.57238 AU	minimum elong	-3075 May 04 j 02:35	17° $\text{Y}$ 47'06	2°43'25
inferior conj	-3076 May 23 j 21:56	6° $\text{Z}$ 27'06	-3°54'40	morning rise	-3075 May 13 j 03:46	13° $\text{Y}$ 40'38	
minimum elong	-3076 May 23 j 17:04	6° $\text{Z}$ 35'11	3°53'48	direct	-3075 May 15 j 17:15	13° $\text{Y}$ 24'37	
morning rise	-3076 Jun 01 j 03:39	2° $\text{Z}$ 17'34		morning max el	-3075 May 26 j 08:08	18° $\text{Y}$ 20'46	20°21'56
direct	-3076 Jun 03 j 15:46	1° $\text{Z}$ 59'37			-3075 Jun 04 j 08:40	0° $\text{Z}$	
morning max el	-3076 Jun 12 j 16:44	6° $\text{Z}$ 12'25	19°14'54	asc. node	-3075 Jun 08 j 23:37	8° $\text{Z}$ 09'15	
asc. node	-3076 Jun 22 j 02:35	18° $\text{Z}$ 58'55		morning set	-3075 Jun 13 j 21:48	17° $\text{Z}$ 51'48	
	-3076 Jun 28 j 00:55	0° $\text{II}$			-3075 Jun 19 j 19:44	0° $\text{II}$	
morning set	-3076 Jun 29 j 17:07	3° $\text{II}$ 18'07					
superior conj	-3076 Jul 07 j 23:53	19° $\text{II}$ 42'28	1°47'49	superior conj	-3075 Jun 21 j 15:01	3° $\text{II}$ 40'09	1°40'04
minimum elong	-3076 Jul 07 j 23:01	19° $\text{II}$ 38'19	1°47'53	minimum elong	-3075 Jun 21 j 12:53	3° $\text{II}$ 29'23	1°40'00
	-3076 Jul 13 j 10:08	0° $\text{S}$		max. Earth dist.	-3075 Jun 26 j 13:21	13° $\text{II}$ 25'58	1.36320 AU
max. Earth dist.	-3076 Jul 14 j 07:29	1° $\text{S}$ 38'03	1.38119 AU	evening rise	-3075 Jun 30 j 14:49	21° $\text{II}$ 06'18	
evening rise	-3076 Jul 18 j 03:55	8° $\text{S}$ 32'20			-3075 Jul 05 j 14:05	0° $\text{S}$	
	-3076 Jul 31 j 06:08	0° $\text{O}$		desc. node	-3075 Jul 20 j 18:52	24° $\text{S}$ 00'41	
desc. node	-3076 Aug 02 j 21:51	4° $\text{O}$ 00'05			-3075 Jul 25 j 03:04	0° $\text{O}$	
evening max el	-3076 Aug 22 j 22:45	29° $\text{O}$ 40'39	24°54'11	evening max el	-3075 Aug 05 j 09:52	13° $\text{O}$ 14'01	26°03'34
	-3076 Aug 23 j 06:40	0° $\text{P}$		retrograde	-3075 Aug 17 j 21:53	20° $\text{O}$ 21'45	
retrograde	-3076 Sep 03 j 13:59	6° $\text{P}$ 26'59		evening set	-3075 Aug 24 j 05:21	17° $\text{O}$ 41'28	
evening set	-3076 Sep 09 j 06:49	4° $\text{P}$ 01'15		min. Earth dist.	-3075 Aug 28 j 10:14	13° $\text{O}$ 07'46	0.66471 AU
	-3076 Sep 12 j 22:27	30° $\text{R}$ $\text{O}$		inferior conj	-3075 Aug 29 j 18:11	11° $\text{O}$ 27'30	-2°01'39
min. Earth dist.	-3076 Sep 13 j 19:57	28° $\text{O}$ 50'00	0.67119 AU	minimum elong	-3075 Aug 29 j 21:01	11° $\text{O}$ 18'36	2°00'30
inferior conj	-3076 Sep 14 j 16:15	27° $\text{O}$ 42'46	-1°08'59	morning rise	-3075 Sep 04 j 12:51	5° $\text{O}$ 34'45	
minimum elong	-3076 Sep 14 j 17:54	27° $\text{O}$ 37'20	1°08'14	asc. node	-3075 Sep 04 j 22:49	5° $\text{O}$ 20'31	
asc. node	-3076 Sep 18 j 01:42	23° $\text{O}$ 32'53		direct	-3075 Sep 07 j 17:34	4° $\text{O}$ 35'59	
morning rise	-3076 Sep 20 j 05:00	21° $\text{O}$ 39'47		morning max el	-3075 Sep 14 j 16:37	8° $\text{O}$ 31'45	19°03'05
direct	-3076 Sep 23 j 19:14	20° $\text{O}$ 25'08			-3075 Sep 29 j 23:47	0° $\text{P}$	
morning max el	-3076 Oct 01 j 09:39	24° $\text{O}$ 48'50	19°58'56	morning set	-3075 Oct 06 j 23:57	11° $\text{P}$ 00'50	
	-3076 Oct 05 j 20:11	0° $\text{P}$		desc. node	-3075 Oct 16 j 18:27	26° $\text{P}$ 22'58	
	-3076 Oct 26 j 05:01	0° $\text{Q}$			-3075 Oct 19 j 01:38	0° $\text{Q}$	
morning set	-3076 Oct 27 j 13:42	2° $\text{Q}$ 06'23		max. Earth dist.	-3075 Oct 21 j 20:50	4° $\text{Q}$ 24'39	1.44746 AU
desc. node	-3076 Oct 29 j 21:28	5° $\text{Q}$ 42'51		superior conj	-3075 Oct 23 j 11:15	6° $\text{Q}$ 56'19	-0°41'58
max. Earth dist.	-3076 Nov 08 j 04:14	20° $\text{Q}$ 19'36	1.43938 AU	minimum elong	-3075 Oct 23 j 05:59	6° $\text{Q}$ 35'31	0°41'19
					-3075 Nov 06 j 20:44	0° $\text{M}$	
superior conj	-3076 Nov 13 j 03:37	28° $\text{Q}$ 20'11	-1°23'11	evening rise	-3075 Nov 07 j 17:22	1° $\text{M}$ 23'58	
minimum elong	-3076 Nov 12 j 20:23	27° $\text{Q}$ 50'50	1°22'31		-3075 Nov 26 j 07:13	0° $\text{Z}$	
	-3076 Nov 14 j 04:07	0° $\text{M}$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3075 Nov 28 j 02:14	2°  00'17	18°40'44	desc. node	-3074 Oct 03 j 15:26	17°  07'12	
asc. node	-3075 Dec 01 j 21:49	5°  00'18		max. Earth dist.	-3074 Oct 04 j 15:19	18°  41'28	1.44825 AU
retrograde	-3075 Dec 04 j 19:00	5°  45'28			-3074 Oct 11 j 20:02	0° 	
evening set	-3075 Dec 07 j 20:33	4°  52'28		evening rise	-3074 Oct 18 j 22:45	11°  09'12	
	-3075 Dec 13 j 01:23	30°  11'11		greatest brilliancy	-3074 Oct 29 j 12:42	27°  40'07	-0.8m
inferior conj	-3075 Dec 13 j 17:07	29°  13'06	3°20'10		-3074 Oct 31 j 01:14	0° 	
minimum elong	-3075 Dec 13 j 14:06	29°  22'07	3°19'24	evening max el	-3074 Nov 11 j 11:05	15°  26'22	19°23'12
min. Earth dist.	-3075 Dec 15 j 12:57	27°  01'49	0.64875 AU	retrograde	-3074 Nov 18 j 15:04	19°  34'41	
morning rise	-3075 Dec 19 j 07:19	23°  07'10		asc. node	-3074 Nov 18 j 18:56	19°  34'32	
direct	-3075 Dec 26 j 01:28	20°  15'41		evening set	-3074 Nov 21 j 23:25	18°  29'15	
morning max el	-3074 Jan 08 j 07:29	27°  15'48	27°05'22	inferior conj	-3074 Nov 27 j 14:12	12°  35'03	2°42'35
	-3074 Jan 10 j 07:44	0° 		minimum elong	-3074 Nov 27 j 11:12	12°  44'42	2°41'36
desc. node	-3074 Jan 12 j 17:54	2°  43'32		min. Earth dist.	-3074 Nov 28 j 20:07	10°  58'54	0.66035 AU
	-3074 Jan 31 j 20:41	0° 		morning rise	-3074 Dec 02 j 22:45	6°  23'39	
morning set	-3074 Feb 12 j 21:18	21°  33'07		direct	-3074 Dec 09 j 04:51	3°  39'21	
	-3074 Feb 17 j 03:32	0° 		morning max el	-3074 Dec 21 j 17:05	11°  01'13	26°04'37
max. Earth dist.	-3074 Feb 17 j 12:08	0°  43'42	1.34153 AU	desc. node	-3074 Dec 30 j 14:57	21°  23'25	
					-3073 Jan 05 j 21:45	0° 	
superior conj	-3074 Feb 21 j 02:44	8°  11'41	-1°05'39		-3073 Jan 24 j 10:34	0° 	
minimum elong	-3074 Feb 21 j 05:33	8°  26'23	1°05'16	morning set	-3073 Jan 26 j 22:00	4°  31'46	
asc. node	-3074 Feb 27 j 21:06	22°  28'50		max. Earth dist.	-3073 Jan 30 j 21:42	12°  30'53	1.35546 AU
evening rise	-3074 Feb 28 j 11:57	23°  46'19					
	-3074 Mar 03 j 13:01	0° 		superior conj	-3073 Feb 04 j 23:33	22°  31'04	-1°27'32
evening max el	-3074 Mar 20 j 23:17	26°  37'26	21°43'06	minimum elong	-3073 Feb 05 j 02:50	22°  32'73	1°27'11
	-3074 Mar 25 j 04:45	0° 			-3073 Feb 08 j 19:00	0° 	
retrograde	-3074 Apr 02 j 06:33	2°  34'42		evening rise	-3073 Feb 12 j 19:06	8°  15'40	
evening set	-3074 Apr 04 j 21:08	2°  19'25		asc. node	-3073 Feb 14 j 18:09	12°  14'16	
desc. node	-3074 Apr 10 j 16:52	0°  11'40			-3073 Feb 24 j 17:15	0° 	
	-3074 Apr 11 j 02:01	30°  11'11		evening max el	-3073 Mar 03 j 04:41	7°  54'56	20°22'27
inferior conj	-3074 Apr 14 j 05:54	28°  16'23	-0°59'10	retrograde	-3073 Mar 13 j 21:03	13°  30'17	
minimum elong	-3074 Apr 14 j 03:09	28°  20'15	0°58'13	evening set	-3073 Mar 16 j 03:17	12°  47'34	
min. Earth dist.	-3074 Apr 14 j 03:23	28°  19'55	0.55144 AU	inferior conj	-3073 Mar 25 j 02:26	8°  49'09	0°57'40
morning rise	-3074 Apr 23 j 09:57	24°  16'25		minimum elong	-3073 Mar 25 j 04:57	8°  45'26	0°56'47
direct	-3074 Apr 26 j 06:10	23°  58'35		min. Earth dist.	-3073 Mar 26 j 17:32	7°  51'33	0.55417 AU
morning max el	-3074 May 08 j 12:37	29°  47'08	21°47'15	desc. node	-3073 Mar 28 j 13:57	6°  48'44	
	-3074 May 08 j 18:05	0° 		morning rise	-3073 Apr 03 j 05:02	4°  27'56	
asc. node	-3074 May 26 j 20:37	27°  43'56		direct	-3073 Apr 06 j 19:18	3°  59'46	
	-3074 May 27 j 23:31	0° 		morning max el	-3073 Apr 20 j 08:04	10°  38'17	23°24'38
morning set	-3074 May 29 j 06:50	2°  41'04			-3073 May 04 j 15:11	0° 	
				morning set	-3073 May 13 j 18:19	17°  40'07	
superior conj	-3074 Jun 05 j 15:02	18°  06'20	1°26'25	asc. node	-3073 May 13 j 17:38	17°  36'33	
minimum elong	-3074 Jun 05 j 12:25	17°  52'37	1°26'10		-3073 May 19 j 12:57	0° 	
max. Earth dist.	-3074 Jun 09 j 03:43	25°  22'53	1.34833 AU				
	-3074 Jun 11 j 10:59	0° 		superior conj	-3073 May 20 j 21:04	2°  52'15	1°08'23
evening rise	-3074 Jun 13 j 18:45	4°  32'17		minimum elong	-3073 May 20 j 18:34	2°  38'51	1°08'02
	-3074 Jun 28 j 08:47	0° 		max. Earth dist.	-3073 May 23 j 03:46	7°  43'03	1.33719 AU
desc. node	-3074 Jul 07 j 15:56	13°  33'34		evening rise	-3073 May 28 j 11:03	18°  37'08	
evening max el	-3074 Jul 18 j 21:17	26°  42'12	26°55'31		-3073 Jun 03 j 09:53	0° 	
	-3074 Jul 22 j 15:43	0° 			-3073 Jun 22 j 14:11	0° 	
retrograde	-3074 Aug 01 j 00:41	4°  01'42		desc. node	-3073 Jun 24 j 12:58	2°  27'03	
evening set	-3074 Aug 07 j 20:28	1°  01'43		evening max el	-3073 Jul 01 j 08:11	9°  55'28	27°22'43
	-3074 Aug 09 j 05:24	30°  11'11		retrograde	-3073 Jul 14 j 22:04	17°  18'54	
min. Earth dist.	-3074 Aug 11 j 17:48	27°  18'37	0.65458 AU	evening set	-3073 Jul 22 j 01:13	14°  35'04	
inferior conj	-3074 Aug 13 j 14:44	25°  07'41	-2°51'02	min. Earth dist.	-3073 Jul 25 j 16:45	11°  14'50	0.64067 AU
minimum elong	-3074 Aug 13 j 18:28	24°  56'49	2°49'46	inferior conj	-3073 Jul 28 j 03:31	8°  39'05	-3°34'24
morning rise	-3074 Aug 19 j 16:53	19°  28'24		minimum elong	-3073 Jul 28 j 07:30	8°  28'29	3°33'22
direct	-3074 Aug 22 j 14:21	18°  42'16		morning rise	-3073 Aug 03 j 14:35	3°  16'18	
asc. node	-3074 Aug 22 j 19:55	18°  42'34		direct	-3073 Aug 06 j 07:04	2°  39'44	
morning max el	-3074 Aug 29 j 04:45	22°  19'10	18°23'17	asc. node	-3073 Aug 09 j 16:58	3°  38'43	
	-3074 Sep 04 j 05:41	0° 		morning max el	-3073 Aug 12 j 19:34	6°  06'23	18°00'40
morning set	-3074 Sep 17 j 12:26	21°  01'25			-3073 Aug 28 j 13:55	0° 	
	-3074 Sep 22 j 22:02	0° 		morning set	-3073 Aug 30 j 03:42	2°  01'54	
superior conj	-3074 Oct 02 j 11:11	15°  15'36	0°07'33	superior conj	-3073 Sep 12 j 01:54	24°  02'14	0°52'31
minimum elong	-3074 Oct 02 j 12:10	15°  19'28	0°07'26	minimum elong	-3073 Sep 12 j 07:08	24°  03'07	0°51'57
behind sun begin	-3074 Oct 02 j 02:06	14°  39'38			-3073 Sep 15 j 13:33	0° 	
behind sun end	-3074 Oct 02 j 22:13	15°  59'15		max. Earth dist.	-3073 Sep 17 j 08:13	2°  50'41	1.44184 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3073 Sep 20 j 12:26	7° $\mathbb{M}$ 52'42		max. Earth dist.	-3072 Aug 29 j 20:59	16° $\Omega$ 35'15	1.42914 AU
evening rise	-3073 Sep 28 j 08:21	20° $\mathbb{M}$ 05'20		desc. node	-3072 Sep 06 j 09:25	28° $\Omega$ 35'57	
	-3073 Oct 04 j 19:32	0° $\underline{\Omega}$		evening rise	-3072 Sep 06 j 13:52	28° $\Omega$ 53'21	
evening max el	-3073 Oct 25 j 15:00	28° $\underline{\Omega}$ 53'11	20°20'49		-3072 Sep 07 j 06:56	0° $\mathbb{M}$	
	-3073 Oct 26 j 18:10	0° $\mathbb{M}$			-3072 Sep 27 j 13:25	0° $\underline{\Omega}$	
retrograde	-3073 Nov 02 j 12:26	3° $\mathbb{M}$ 31'57		evening max el	-3072 Oct 07 j 12:57	12° $\underline{\Omega}$ 19'49	21°30'52
asc. node	-3073 Nov 05 j 16:01	2° $\mathbb{M}$ 34'38		retrograde	-3072 Oct 16 j 09:03	17° $\underline{\Omega}$ 34'35	
evening set	-3073 Nov 06 j 05:44	2° $\mathbb{M}$ 11'45		evening set	-3072 Oct 20 j 13:33	15° $\underline{\Omega}$ 57'07	
	-3073 Nov 08 j 14:30	30° $\mathbb{R}$ $\underline{\Omega}$		asc. node	-3072 Oct 22 j 13:04	14° $\underline{\Omega}$ 03'36	
inferior conj	-3073 Nov 11 j 16:33	26° $\underline{\Omega}$ 06'07	1°57'55	inferior conj	-3072 Oct 25 j 22:00	9° $\underline{\Omega}$ 43'30	1°08'26
minimum elong	-3073 Nov 11 j 14:06	26° $\underline{\Omega}$ 14'22	1°56'58	minimum elong	-3072 Oct 25 j 20:28	9° $\underline{\Omega}$ 48'46	1°07'48
min. Earth dist.	-3073 Nov 12 j 10:08	25° $\underline{\Omega}$ 06'55	0.66841 AU	min. Earth dist.	-3072 Oct 26 j 04:32	9° $\underline{\Omega}$ 21'00	0.67313 AU
morning rise	-3073 Nov 16 j 22:15	19° $\underline{\Omega}$ 51'40		morning rise	-3072 Oct 31 j 03:13	3° $\underline{\Omega}$ 28'46	
direct	-3073 Nov 22 j 13:48	17° $\underline{\Omega}$ 23'17		direct	-3072 Nov 05 j 03:33	1° $\underline{\Omega}$ 21'00	
morning max el	-3073 Dec 04 j 01:46	24° $\underline{\Omega}$ 14'17	24°46'06	morning max el	-3072 Nov 15 j 10:59	7° $\underline{\Omega}$ 30'07	23°19'52
	-3073 Dec 09 j 06:08	0° $\mathbb{M}$			-3072 Dec 02 j 23:06	0° $\mathbb{M}$	
desc. node	-3073 Dec 17 j 11:58	10° $\mathbb{M}$ 44'54		desc. node	-3072 Dec 03 j 09:00	0° $\mathbb{M}$ 36'01	
	-3073 Dec 30 j 08:22	0° $\mathbb{X}$		morning set	-3072 Dec 20 j 08:20	27° $\mathbb{M}$ 10'09	
morning set	-3072 Jan 09 j 03:45	16° $\mathbb{X}$ 29'28			-3072 Dec 22 j 00:35	0° $\mathbb{X}$	
max. Earth dist.	-3072 Jan 12 j 20:43	23° $\mathbb{X}$ 09'48	1.37352 AU	max. Earth dist.	-3072 Dec 24 j 16:03	4° $\mathbb{X}$ 32'53	1.39412 AU
	-3072 Jan 16 j 12:36	0° $\mathbb{Z}$					
superior conj	-3072 Jan 19 j 10:13	5° $\mathbb{Z}$ 35'01	-1°44'56	superior conj	-3071 Jan 01 j 06:39	18° $\mathbb{X}$ 13'29	-1°55'11
minimum elong	-3072 Jan 19 j 13:10	5° $\mathbb{Z}$ 49'23	1°44'48	minimum elong	-3071 Jan 01 j 07:56	18° $\mathbb{X}$ 19'30	1°55'15
evening rise	-3072 Jan 27 j 20:52	22° $\mathbb{Z}$ 22'39			-3071 Jan 07 j 11:49	0° $\mathbb{Z}$	
	-3072 Jan 31 j 18:07	0° $\approx$		evening rise	-3071 Jan 10 j 14:39	6° $\mathbb{Z}$ 00'51	
asc. node	-3072 Feb 01 j 15:11	1° $\approx$ 40'00		asc. node	-3071 Jan 18 j 12:14	20° $\mathbb{Z}$ 39'21	
evening max el	-3072 Feb 13 j 20:52	19° $\approx$ 49'12	19°19'20		-3071 Jan 24 j 19:48	0° $\approx$	
retrograde	-3072 Feb 22 j 21:47	24° $\approx$ 07'43		evening max el	-3071 Jan 26 j 22:22	2° $\approx$ 16'53	18°35'52
evening set	-3072 Feb 25 j 05:22	23° $\approx$ 52'01		retrograde	-3071 Feb 03 j 16:28	6° $\approx$ 03'22	
inferior conj	-3072 Mar 04 j 11:41	19° $\approx$ 43'26	2°33'38	evening set	-3071 Feb 06 j 03:54	5° $\approx$ 41'39	
minimum elong	-3072 Mar 04 j 16:33	19° $\approx$ 35'18	2°32'15	inferior conj	-3071 Feb 13 j 16:46	1° $\approx$ 14'04	3°33'06
min. Earth dist.	-3072 Mar 07 j 08:39	17° $\approx$ 49'15	0.56567 AU	minimum elong	-3071 Feb 13 j 20:21	1° $\approx$ 07'07	3°32'28
morning rise	-3072 Mar 13 j 00:58	14° $\approx$ 51'33			-3071 Feb 15 j 06:48	30° $\mathbb{R}$ $\mathbb{Z}$	
desc. node	-3072 Mar 14 j 11:02	14° $\approx$ 25'15		min. Earth dist.	-3071 Feb 17 j 01:56	28° $\mathbb{Z}$ 38'08	0.58331 AU
direct	-3072 Mar 17 j 19:31	13° $\approx$ 59'05		morning rise	-3071 Feb 21 j 10:21	25° $\mathbb{Z}$ 54'51	
morning max el	-3072 Mar 31 j 23:03	21° $\approx$ 12'32	25°02'44	direct	-3071 Feb 27 j 08:58	24° $\mathbb{Z}$ 26'06	
	-3072 Apr 08 j 13:36	0° $\mathbb{X}$		desc. node	-3071 Mar 01 j 08:07	24° $\mathbb{Z}$ 35'44	
	-3072 Apr 25 j 23:24	0° $\mathbb{Y}$			-3071 Mar 11 j 12:05	0° $\approx$	
morning set	-3072 Apr 27 j 06:28	2° $\mathbb{Y}$ 41'54		morning max el	-3071 Mar 13 j 15:38	1° $\approx$ 57'46	26°26'39
asc. node	-3072 Apr 29 j 14:39	7° $\mathbb{Y}$ 40'44			-3071 Apr 02 j 16:01	0° $\mathbb{X}$	
				morning set	-3071 Apr 11 j 17:39	17° $\mathbb{X}$ 40'32	
superior conj	-3072 May 04 j 06:45	17° $\mathbb{Y}$ 49'05	0°47'10	asc. node	-3071 Apr 16 j 11:40	27° $\mathbb{X}$ 51'46	
minimum elong	-3072 May 04 j 04:50	17° $\mathbb{Y}$ 38'37	0°46'49		-3071 Apr 17 j 11:08	0° $\mathbb{Y}$	
max. Earth dist.	-3072 May 05 j 11:39	20° $\mathbb{Y}$ 25'49	1.32979 AU	superior conj	-3071 Apr 18 j 18:15	2° $\mathbb{Y}$ 50'16	0°23'41
	-3072 May 09 j 23:30	0° $\mathbb{Z}$		minimum elong	-3071 Apr 18 j 17:13	2° $\mathbb{Y}$ 44'37	0°23'27
evening rise	-3072 May 11 j 11:56	3° $\mathbb{Z}$ 08'11		max. Earth dist.	-3071 Apr 19 j 00:06	3° $\mathbb{Y}$ 22'21	1.32592 AU
	-3072 May 26 j 05:16	0° $\mathbb{II}$		evening rise	-3071 Apr 25 j 18:35	17° $\mathbb{Y}$ 55'53	
desc. node	-3072 Jun 10 j 10:00	20° $\mathbb{II}$ 23'34			-3071 May 01 j 20:02	0° $\mathbb{Z}$	
evening max el	-3072 Jun 12 j 16:31	22° $\mathbb{II}$ 40'56	27°19'33		-3071 May 21 j 07:36	0° $\mathbb{II}$	
	-3072 Jun 25 j 11:34	0° $\mathbb{Z}$		evening max el	-3071 May 25 j 19:53	4° $\mathbb{II}$ 47'42	26°43'26
retrograde	-3072 Jun 26 j 13:08	0° $\mathbb{Z}$ 03'08		desc. node	-3071 May 28 j 07:02	6° $\mathbb{II}$ 59'22	
	-3072 Jun 27 j 14:25	30° $\mathbb{R}$ $\mathbb{II}$		retrograde	-3071 Jun 08 j 20:26	12° $\mathbb{II}$ 06'14	
evening set	-3072 Jul 03 j 15:50	27° $\mathbb{II}$ 37'07		evening set	-3071 Jun 15 j 12:03	10° $\mathbb{II}$ 11'25	
min. Earth dist.	-3072 Jul 07 j 05:56	24° $\mathbb{II}$ 43'33	0.62325 AU	min. Earth dist.	-3071 Jun 19 j 09:22	7° $\mathbb{II}$ 30'29	0.60338 AU
inferior conj	-3072 Jul 10 j 05:32	21° $\mathbb{II}$ 54'26	-4°07'42	inferior conj	-3071 Jun 22 j 17:20	4° $\mathbb{II}$ 45'23	-4°24'33
minimum elong	-3072 Jul 10 j 08:43	21° $\mathbb{II}$ 46'53	4°07'09	minimum elong	-3071 Jun 22 j 18:12	4° $\mathbb{II}$ 43'35	4°24'26
morning rise	-3072 Jul 17 j 02:53	16° $\mathbb{II}$ 50'52		morning rise	-3071 Jun 30 j 02:17	0° $\mathbb{II}$ 03'16	
direct	-3072 Jul 19 j 16:31	16° $\mathbb{II}$ 21'21			-3071 Jun 30 j 06:35	30° $\mathbb{R}$ $\mathbb{Z}$	
morning max el	-3072 Jul 26 j 10:15	19° $\mathbb{II}$ 46'23	17°56'11	direct	-3071 Jul 02 j 14:50	29° $\mathbb{Z}$ 38'58	
asc. node	-3072 Jul 26 j 14:00	19° $\mathbb{II}$ 55'39			-3071 Jul 04 j 21:51	0° $\mathbb{II}$	
	-3072 Aug 02 j 23:39	0° $\mathbb{Z}$		morning max el	-3071 Jul 09 j 22:01	3° $\mathbb{II}$ 12'12	18°10'52
morning set	-3072 Aug 11 j 16:37	15° $\mathbb{Z}$ 12'48		asc. node	-3071 Jul 13 j 11:03	7° $\mathbb{II}$ 18'08	
	-3072 Aug 20 j 00:38	0° $\Omega$		morning set	-3071 Jul 25 j 21:43	28° $\mathbb{II}$ 31'16	
					-3071 Jul 26 j 16:37	0° $\mathbb{Z}$	
superior conj	-3072 Aug 22 j 19:10	4° $\Omega$ 46'37	1°24'47	superior conj	-3071 Aug 04 j 14:50	16° $\mathbb{Z}$ 30'00	1°42'52
minimum elong	-3072 Aug 23 j 00:17	5° $\Omega$ 08'25	1°24'22				



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3071 Aug 04 j 17:35	16° $\mathbb{D}$ 42'21	1°42'48			-3070 Jul 02 j 23:45	0° $\mathbb{I}$		
max. Earth dist.	-3071 Aug 12 j 04:30	29° $\mathbb{D}$ 42'47	1.41188 AU	morning set		-3070 Jul 09 j 14:36	12° $\mathbb{I}$ 26'11		
	-3071 Aug 12 j 08:34	0° $\mathbb{Q}$							
evening rise	-3071 Aug 17 j 10:27	8° $\mathbb{Q}$ 24'38		superior conj		-3070 Jul 18 j 07:43	29° $\mathbb{I}$ 18'26	1°48'49	
desc. node	-3071 Aug 24 j 06:22	19° $\mathbb{Q}$ 13'18		minimum elong		-3070 Jul 18 j 07:59	29° $\mathbb{I}$ 19'41	1°48'54	
	-3071 Aug 31 j 10:09	0° $\mathbb{P}$				-3070 Jul 18 j 16:32	0° $\mathbb{D}$		
evening max el	-3071 Sep 20 j 05:11	25° $\mathbb{P}$ 46'24	22°49'03	max. Earth dist.		-3070 Jul 25 j 07:35	12° $\mathbb{D}$ 07'59	1.39234 AU	
	-3071 Sep 25 j 06:16	0° $\mathbb{A}$		evening rise		-3070 Jul 29 j 08:17	19° $\mathbb{D}$ 08'29		
retrograde	-3071 Sep 30 j 03:19	1° $\mathbb{A}$ 39'29				-3070 Aug 04 j 21:59	0° $\mathbb{Q}$		
evening set	-3071 Oct 04 j 21:04	29° $\mathbb{P}$ 42'58		desc. node		-3070 Aug 11 j 03:21	9° $\mathbb{Q}$ 41'01		
	-3071 Oct 04 j 12:34	30° $\mathbb{R}$ $\mathbb{P}$				-3070 Aug 25 j 15:54	0° $\mathbb{P}$		
asc. node	-3071 Oct 09 j 10:09	24° $\mathbb{P}$ 28'27		evening max el		-3070 Sep 02 j 17:26	9° $\mathbb{P}$ 15'05	24°09'33	
inferior conj	-3071 Oct 10 j 04:40	23° $\mathbb{P}$ 24'44	0°15'55	retrograde		-3070 Sep 13 j 18:15	15° $\mathbb{P}$ 44'15		
minimum elong	-3071 Oct 10 j 04:18	23° $\mathbb{P}$ 26'02	0°15'46	evening set		-3070 Sep 19 j 02:35	13° $\mathbb{P}$ 28'25		
transit middle	-3071 Oct 10 j 04:18	23° $\mathbb{P}$ 26'02	0°15'46	inferior conj		-3070 Sep 24 j 10:53	7° $\mathbb{P}$ 08'58	-0°37'58	
transit begin	-3071 Oct 10 j 03:35	23° $\mathbb{P}$ 28'29		minimum elong		-3070 Sep 24 j 11:47	7° $\mathbb{P}$ 05'55	0°37'32	
transit end	-3071 Oct 10 j 05:01	23° $\mathbb{P}$ 23'34		min. Earth dist.		-3070 Sep 23 j 20:40	7° $\mathbb{P}$ 57'02	0.67339 AU	
min. Earth dist.	-3071 Oct 10 j 00:50	23° $\mathbb{P}$ 38'00	0.67478 AU	asc. node		-3070 Sep 26 j 07:14	4° $\mathbb{P}$ 42'38		
morning rise	-3071 Oct 15 j 11:25	17° $\mathbb{P}$ 12'26		morning rise		-3070 Sep 29 j 20:58	1° $\mathbb{P}$ 01'55		
direct	-3071 Oct 19 j 21:10	15° $\mathbb{P}$ 26'40				-3070 Oct 01 j 16:56	30° $\mathbb{R}$ $\mathbb{Q}$		
morning max el	-3071 Oct 29 j 00:03	20° $\mathbb{P}$ 50'43	21°54'48	direct		-3070 Oct 03 j 17:41	29° $\mathbb{Q}$ 36'49		
	-3071 Nov 05 j 16:42	0° $\mathbb{A}$				-3070 Oct 05 j 20:30	0° $\mathbb{P}$		
desc. node	-3071 Nov 20 j 05:59	20° $\mathbb{A}$ 47'31		morning max el		-3070 Oct 11 j 19:52	4° $\mathbb{P}$ 20'20	20°37'48	
	-3071 Nov 26 j 06:05	0° $\mathbb{M}$				-3070 Oct 30 j 18:01	0° $\mathbb{A}$		
morning set	-3071 Nov 30 j 07:56	6° $\mathbb{M}$ 26'21		desc. node		-3070 Nov 07 j 02:59	11° $\mathbb{A}$ 13'40		
max. Earth dist.	-3071 Dec 06 j 15:41	16° $\mathbb{M}$ 45'16	1.41452 AU	morning set		-3070 Nov 09 j 09:24	14° $\mathbb{A}$ 44'10		
				max. Earth dist.		-3070 Nov 18 j 22:40	29° $\mathbb{A}$ 51'13	1.43178 AU	
						-3070 Nov 19 j 00:50	0° $\mathbb{M}$		
superior conj	-3071 Dec 14 j 07:26	29° $\mathbb{M}$ 51'38	-1°54'46						
minimum elong	-3071 Dec 14 j 05:29	29° $\mathbb{M}$ 43'04	1°54'48						
	-3071 Dec 14 j 09:20	0° $\mathbb{J}$		superior conj		-3070 Nov 25 j 07:05	10° $\mathbb{M}$ 16'33	-1°39'41	
evening rise	-3071 Dec 24 j 21:06	19° $\mathbb{J}$ 02'00		minimum elong		-3070 Nov 25 j 01:11	9° $\mathbb{M}$ 52'01	1°39'17	
	-3071 Dec 30 j 21:24	0° $\mathbb{Z}$				-3070 Dec 06 j 18:33	0° $\mathbb{J}$		
asc. node	-3070 Jan 05 j 09:17	9° $\mathbb{Z}$ 03'10		evening rise		-3070 Dec 07 j 12:18	1° $\mathbb{J}$ 18'10		
evening max el	-3070 Jan 10 j 06:22	15° $\mathbb{Z}$ 09'08	18°12'26	asc. node		-3070 Dec 23 j 06:20	26° $\mathbb{J}$ 40'54		
retrograde	-3070 Jan 17 j 05:14	18° $\mathbb{Z}$ 39'34		evening max el		-3070 Dec 24 j 18:03	28° $\mathbb{J}$ 18'22	18°08'43	
evening set	-3070 Jan 19 j 20:04	18° $\mathbb{Z}$ 10'32				-3070 Dec 26 j 16:25	0° $\mathbb{Z}$		
inferior conj	-3070 Jan 26 j 17:57	13° $\mathbb{Z}$ 21'14	3°58'07	retrograde		-3070 Dec 31 j 08:02	1° $\mathbb{Z}$ 46'12		
minimum elong	-3070 Jan 26 j 18:51	13° $\mathbb{Z}$ 19'11	3°58'00	evening set		-3069 Jan 03 j 02:11	1° $\mathbb{Z}$ 09'01		
min. Earth dist.	-3070 Jan 30 j 00:22	10° $\mathbb{Z}$ 26'10	0.60351 AU			-3069 Jan 05 j 01:42	30° $\mathbb{R}$ $\mathbb{J}$		
morning rise	-3070 Feb 02 j 16:02	7° $\mathbb{Z}$ 42'05		inferior conj		-3069 Jan 09 j 12:10	25° $\mathbb{J}$ 58'44	3°56'57	
direct	-3070 Feb 09 j 09:35	5° $\mathbb{Z}$ 35'21		minimum elong		-3069 Jan 09 j 10:48	26° $\mathbb{J}$ 02'12	3°56'45	
desc. node	-3070 Feb 16 j 05:12	7° $\mathbb{Z}$ 33'11		min. Earth dist.		-3069 Jan 12 j 07:14	23° $\mathbb{J}$ 07'38	0.62319 AU	
morning max el	-3070 Feb 23 j 14:00	13° $\mathbb{Z}$ 16'23	27°22'54	morning rise		-3069 Jan 15 j 18:28	20° $\mathbb{J}$ 05'59		
	-3070 Mar 08 j 22:17	0° $\mathbb{X}$		direct		-3069 Jan 22 j 19:33	17° $\mathbb{J}$ 30'07		
	-3070 Mar 25 j 21:01	0° $\mathbb{H}$		desc. node		-3069 Feb 03 j 02:19	22° $\mathbb{J}$ 48'28		
morning set	-3070 Mar 27 j 02:04	2° $\mathbb{H}$ 29'07		morning max el		-3069 Feb 05 j 18:35	25° $\mathbb{J}$ 16'11	27°43'44	
max. Earth dist.	-3070 Apr 02 j 13:22	16° $\mathbb{H}$ 19'20	1.32542 AU			-3069 Feb 10 j 03:46	0° $\mathbb{Z}$		
						-3069 Mar 02 j 07:34	0° $\mathbb{X}$		
superior conj	-3070 Apr 03 j 05:50	17° $\mathbb{H}$ 49'20	-0°01'16	morning set		-3069 Mar 11 j 05:38	17° $\mathbb{X}$ 00'19		
minimum elong	-3070 Apr 03 j 05:54	17° $\mathbb{H}$ 49'39	0°01'16	max. Earth dist.		-3069 Mar 16 j 23:27	29° $\mathbb{X}$ 02'10	1.32847 AU	
behind sun begin	-3070 Apr 03 j 00:53	17° $\mathbb{H}$ 22'15				-3069 Mar 17 j 10:12	0° $\mathbb{H}$		
behind sun end	-3070 Apr 03 j 10:54	18° $\mathbb{H}$ 17'03							
asc. node	-3070 Apr 03 j 08:41	18° $\mathbb{H}$ 04'57		superior conj		-3069 Mar 18 j 15:54	2° $\mathbb{H}$ 40'30	-0°26'45	
	-3070 Apr 08 j 20:18	0° $\mathbb{Y}$		minimum elong		-3069 Mar 18 j 17:07	2° $\mathbb{H}$ 47'05	0°26'32	
evening rise	-3070 Apr 10 j 04:40	2° $\mathbb{Y}$ 51'38		asc. node		-3069 Mar 21 j 05:43	8° $\mathbb{H}$ 16'07		
	-3070 Apr 24 j 21:49	0° $\mathbb{B}$		evening rise		-3069 Mar 25 j 16:17	17° $\mathbb{H}$ 48'23		
evening max el	-3070 May 07 j 16:44	16° $\mathbb{B}$ 11'12	25°37'06			-3069 Mar 31 j 17:37	0° $\mathbb{Y}$		
desc. node	-3070 May 15 j 04:05	21° $\mathbb{B}$ 42'25		evening max el		-3069 Apr 19 j 08:42	27° $\mathbb{Y}$ 00'59	24°09'49	
retrograde	-3070 May 21 j 18:24	23° $\mathbb{B}$ 23'52				-3069 Apr 22 j 20:35	0° $\mathbb{B}$		
evening set	-3070 May 27 j 10:34	22° $\mathbb{B}$ 07'26		desc. node		-3069 May 02 j 01:12	3° $\mathbb{B}$ 55'35		
min. Earth dist.	-3070 Jun 01 j 04:56	19° $\mathbb{B}$ 22'11	0.58307 AU	retrograde		-3069 May 03 j 05:01	3° $\mathbb{B}$ 58'40		
inferior conj	-3070 Jun 04 j 11:19	17° $\mathbb{B}$ 02'19	-4°15'41	evening set		-3069 May 07 j 12:49	3° $\mathbb{B}$ 16'53		
minimum elong	-3070 Jun 04 j 08:32	17° $\mathbb{B}$ 07'21	4°15'21	min. Earth dist.		-3069 May 13 j 20:16	0° $\mathbb{B}$ 12'27	0.56546 AU	
morning rise	-3070 Jun 12 j 09:12	12° $\mathbb{B}$ 42'05				-3069 May 14 j 04:23	30° $\mathbb{R}$ $\mathbb{Y}$		
direct	-3070 Jun 14 j 21:31	12° $\mathbb{B}$ 22'01		inferior conj		-3069 May 16 j 09:10	28° $\mathbb{Y}$ 37'19	-3°30'20	
morning max el	-3070 Jun 23 j 04:01	16° $\mathbb{B}$ 15'47	18°45'42	minimum elong		-3069 May 16 j 03:15	28° $\mathbb{Y}$ 46'37	3°29'01	
asc. node	-3070 Jun 30 j 08:07	25° $\mathbb{B}$ 31'55		morning rise		-3069 May 24 j 20:48	24° $\mathbb{Y}$ 34'44		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3069 May 27 j 09:07	24° $\Upsilon$ 17'59				-3068 Jun 01 j 02:34	0° $\mathcal{B}$	
morning max el	-3069 Jun 06 j 01:29	28° $\Upsilon$ 47'15	19°41'06	asc. node		-3068 Jun 03 j 02:14	3° $\mathcal{B}$ 46'20	
	-3069 Jun 07 j 06:59	0° $\mathcal{B}$		morning set		-3068 Jun 06 j 22:35	11° $\mathcal{B}$ 28'59	
asc. node	-3069 Jun 17 j 05:10	14° $\mathcal{B}$ 24'26						
morning set	-3069 Jun 23 j 15:46	26° $\mathcal{B}$ 47'46		superior conj		-3068 Jun 14 j 11:30	27° $\mathcal{B}$ 06'27	1°34'54
	-3069 Jun 25 j 05:55	0° $\Pi$		minimum elong		-3068 Jun 14 j 09:04	26° $\mathcal{B}$ 54'00	1°34'46
						-3068 Jun 15 j 21:29	0° $\Pi$	
superior conj	-3069 Jul 01 j 16:07	12° $\Pi$ 54'59	1°45'22	max. Earth dist.		-3068 Jun 18 j 18:57	5° $\Pi$ 48'02	1.35644 AU
minimum elong	-3069 Jul 01 j 14:37	12° $\Pi$ 47'35	1°45'24	evening rise		-3068 Jun 23 j 01:51	14° $\Pi$ 04'05	
max. Earth dist.	-3069 Jul 07 j 10:12	24° $\Pi$ 00'21	1.37315 AU			-3068 Jul 02 j 01:08	0° $\mathcal{S}$	
	-3069 Jul 10 j 16:24	0° $\mathcal{S}$		desc. node		-3068 Jul 14 j 21:22	19° $\mathcal{S}$ 43'17	
evening rise	-3069 Jul 11 j 06:59	1° $\mathcal{S}$ 05'39				-3068 Jul 22 j 19:51	0° $\Omega$	
desc. node	-3069 Jul 29 j 00:21	29° $\mathcal{S}$ 53'23		evening max el		-3068 Jul 28 j 15:25	6° $\Omega$ 18'30	26°28'14
	-3069 Jul 29 j 02:10	0° $\Omega$		retrograde		-3068 Aug 10 j 11:00	13° $\Omega$ 32'56	
evening max el	-3069 Aug 16 j 04:11	22° $\Omega$ 46'27	25°25'17	evening set		-3068 Aug 16 j 23:58	10° $\Omega$ 48'31	
retrograde	-3069 Aug 28 j 05:02	29° $\Omega$ 43'56		min. Earth dist.		-3068 Aug 21 j 01:31	6° $\Omega$ 30'55	0.66084 AU
evening set	-3069 Sep 03 j 04:16	27° $\Omega$ 11'06		inferior conj		-3068 Aug 22 j 14:48	4° $\Omega$ 37'07	-2°23'09
min. Earth dist.	-3069 Sep 07 j 13:42	22° $\Omega$ 15'42	0.66882 AU	minimum elong		-3068 Aug 22 j 18:05	4° $\Omega$ 27'08	2°21'55
inferior conj	-3069 Sep 08 j 14:54	20° $\Omega$ 53'55	-1°31'35			-3068 Aug 26 j 21:02	30° $\mathcal{R}$ $\mathcal{S}$	
minimum elong	-3069 Sep 08 j 17:04	20° $\Omega$ 46'52	1°30'40	morning rise		-3068 Aug 28 j 12:29	28° $\mathcal{S}$ 49'30	
asc. node	-3069 Sep 13 j 04:21	15° $\Omega$ 43'24		asc. node		-3068 Aug 30 j 01:26	28° $\mathcal{S}$ 09'35	
morning rise	-3069 Sep 14 j 06:00	14° $\Omega$ 55'01		direct		-3068 Aug 31 j 13:44	27° $\mathcal{S}$ 56'35	
direct	-3069 Sep 17 j 15:47	13° $\Omega$ 47'45				-3068 Sep 05 j 10:53	0° $\Omega$	
morning max el	-3069 Sep 24 j 23:02	17° $\Omega$ 58'43	19°33'19	morning max el		-3068 Sep 07 j 08:26	1° $\Omega$ 43'39	18°44'00
	-3069 Oct 04 j 06:30	0° $\mathcal{P}$				-3068 Sep 26 j 16:29	0° $\mathcal{P}$	
morning set	-3069 Oct 19 j 09:38	23° $\mathcal{P}$ 05'43		morning set		-3068 Sep 28 j 06:10	2° $\mathcal{P}$ 30'33	
	-3069 Oct 23 j 19:58	0° $\mathcal{L}$		desc. node		-3068 Oct 10 j 20:56	22° $\mathcal{P}$ 31'19	
desc. node	-3069 Oct 24 j 23:58	1° $\mathcal{L}$ 49'26						
max. Earth dist.	-3069 Nov 01 j 11:49	13° $\mathcal{L}$ 36'54	1.44361 AU	superior conj		-3068 Oct 14 j 05:01	27° $\mathcal{P}$ 46'41	-0°21'13
				minimum elong		-3068 Oct 14 j 02:13	27° $\mathcal{P}$ 35'40	0°20'51
superior conj	-3069 Nov 05 j 03:25	19° $\mathcal{L}$ 25'44	-1°07'24	max. Earth dist.		-3068 Oct 14 j 05:03	27° $\mathcal{P}$ 46'50	1.44867 AU
minimum elong	-3069 Nov 04 j 20:16	18° $\mathcal{L}$ 57'08	1°06'38			-3068 Oct 15 j 14:52	0° $\mathcal{L}$	
	-3069 Nov 11 j 16:12	0° $\mathcal{M}$		evening rise		-3068 Oct 30 j 03:00	22° $\mathcal{L}$ 59'47	
evening rise	-3069 Nov 19 j 07:36	12° $\mathcal{M}$ 39'50				-3068 Nov 03 j 11:57	0° $\mathcal{M}$	
	-3069 Nov 29 j 18:31	0° $\mathcal{X}$		evening max el		-3068 Nov 20 j 17:34	25° $\mathcal{M}$ 02'50	18°56'56
evening max el	-3069 Dec 08 j 06:38	11° $\mathcal{X}$ 37'59	18°23'58	asc. node		-3068 Nov 26 j 00:29	28° $\mathcal{M}$ 42'52	
asc. node	-3069 Dec 10 j 03:24	13° $\mathcal{X}$ 19'15		retrograde		-3068 Nov 27 j 14:19	28° $\mathcal{M}$ 56'44	
retrograde	-3069 Dec 14 j 20:21	15° $\mathcal{X}$ 14'13		evening set		-3068 Nov 30 j 18:31	27° $\mathcal{M}$ 58'48	
evening set	-3069 Dec 17 j 18:42	14° $\mathcal{X}$ 27'36		inferior conj		-3068 Dec 06 j 12:24	22° $\mathcal{M}$ 13'04	3°05'16
inferior conj	-3069 Dec 23 j 19:30	8° $\mathcal{X}$ 58'20	3°37'27	minimum elong		-3068 Dec 06 j 09:19	22° $\mathcal{M}$ 22'37	3°04'22
minimum elong	-3069 Dec 23 j 16:50	9° $\mathcal{X}$ 05'57	3°36'53	min. Earth dist.		-3068 Dec 08 j 02:15	20° $\mathcal{M}$ 15'59	0.65411 AU
min. Earth dist.	-3069 Dec 26 j 00:02	6° $\mathcal{X}$ 28'57	0.64034 AU	morning rise		-3068 Dec 11 j 23:49	16° $\mathcal{M}$ 04'36	
morning rise	-3069 Dec 29 j 14:25	2° $\mathcal{X}$ 56'20		direct		-3068 Dec 18 j 13:27	13° $\mathcal{M}$ 14'28	
direct	-3068 Jan 05 j 13:16	0° $\mathcal{X}$ 05'55		morning max el		-3068 Dec 31 j 12:34	20° $\mathcal{M}$ 48'04	26°42'18
morning max el	-3068 Jan 19 j 03:02	7° $\mathcal{X}$ 50'53	27°28'38	desc. node		-3067 Jan 06 j 20:27	27° $\mathcal{M}$ 53'43	
desc. node	-3068 Jan 20 j 23:24	9° $\mathcal{X}$ 45'21				-3067 Jan 08 j 12:47	0° $\mathcal{X}$	
	-3068 Feb 05 j 07:38	0° $\mathcal{Z}$				-3067 Jan 28 j 10:21	0° $\mathcal{Z}$	
	-3068 Feb 22 j 12:26	0° $\approx$		morning set		-3067 Feb 05 j 10:43	14° $\mathcal{Z}$ 31'29	
morning set	-3068 Feb 23 j 01:43	1° $\approx$ 05'19		max. Earth dist.		-3067 Feb 09 j 18:24	22° $\mathcal{Z}$ 57'02	1.34683 AU
max. Earth dist.	-3068 Feb 28 j 02:19	11° $\approx$ 17'49	1.33544 AU			-3067 Feb 13 j 05:46	0° $\approx$	
				superior conj		-3067 Feb 13 j 23:46	1° $\approx$ 32'55	-1°15'21
superior conj	-3068 Mar 01 j 22:38	17° $\approx$ 17'46	-0°51'50	minimum elong		-3067 Feb 14 j 02:51	1° $\approx$ 48'54	1°14'57
minimum elong	-3068 Mar 02 j 00:55	17° $\approx$ 29'59	0°51'28	evening rise		-3067 Feb 21 j 12:51	17° $\approx$ 18'45	
asc. node	-3068 Mar 07 j 02:45	28° $\approx$ 21'18		asc. node		-3067 Feb 21 j 23:46	18° $\approx$ 15'08	
	-3068 Mar 07 j 21:19	0° $\mathcal{H}$				-3067 Feb 27 j 22:59	0° $\mathcal{H}$	
evening rise	-3068 Mar 09 j 03:39	2° $\mathcal{H}$ 39'56		evening max el		-3067 Mar 13 j 01:18	18° $\mathcal{H}$ 42'26	21°07'02
	-3068 Mar 24 j 11:14	0° $\Upsilon$		retrograde		-3067 Mar 24 j 16:45	24° $\mathcal{H}$ 17'14	
evening max el	-3068 Mar 31 j 01:32	7° $\Upsilon$ 42'56	22°35'27	evening set		-3067 Mar 27 j 02:06	24° $\mathcal{H}$ 04'00	
retrograde	-3068 Apr 13 j 03:11	14° $\Upsilon$ 07'12		desc. node		-3067 Apr 04 j 19:25	20° $\mathcal{H}$ 23'41	
evening set	-3068 Apr 16 j 04:51	13° $\Upsilon$ 46'32		inferior conj		-3067 Apr 05 j 08:16	20° $\mathcal{H}$ 05'31	-0°08'59
desc. node	-3068 Apr 17 j 22:18	13° $\Upsilon$ 17'52		minimum elong		-3067 Apr 05 j 07:50	20° $\mathcal{H}$ 06'07	0°08'51
min. Earth dist.	-3068 Apr 24 j 10:25	10° $\Upsilon$ 11'19	0.55408 AU	transit middle		-3067 Apr 05 j 07:50	20° $\mathcal{H}$ 06'07	0°08'51
inferior conj	-3068 Apr 25 j 13:08	9° $\Upsilon$ 33'07	-2°03'41	transit begin		-3067 Apr 05 j 04:27	20° $\mathcal{H}$ 10'55	
minimum elong	-3068 Apr 25 j 07:53	9° $\Upsilon$ 40'38	2°02'01	transit end		-3067 Apr 05 j 11:14	20° $\mathcal{H}$ 01'18	
morning rise	-3068 May 04 j 12:52	5° $\Upsilon$ 36'37		min. Earth dist.		-3067 Apr 06 j 00:20	19° $\mathcal{H}$ 42'46	0.55147 AU
direct	-3068 May 07 j 03:53	5° $\Upsilon$ 20'38		morning rise		-3067 Apr 14 j 13:11	15° $\mathcal{H}$ 58'17	
morning max el	-3068 May 18 j 12:26	10° $\Upsilon$ 39'03	20°56'10					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3067 Apr 17 j 15:45	15° $\text{X}$ 37'14		desc. node	-3066 Mar 22 j 16:30	27° $\approx$ 08'43	
morning max el	-3067 Apr 30 j 12:34	21° $\text{X}$ 48'32	22°27'33	morning rise	-3066 Mar 25 j 06:57	26° $\approx$ 09'59	
	-3067 May 07 j 13:09	0° $\text{Y}$		direct	-3066 Mar 29 j 08:41	25° $\approx$ 33'18	
asc. node	-3067 May 20 j 23:15	23° $\text{Y}$ 29'14			-3066 Apr 09 j 08:58	0° $\text{X}$	
morning set	-3067 May 22 j 08:52	26° $\text{Y}$ 22'52		morning max el	-3066 Apr 12 j 05:09	2° $\text{X}$ 27'58	24°07'05
	-3067 May 24 j 02:15	0° $\text{Z}$			-3066 May 01 j 04:49	0° $\text{Y}$	
				morning set	-3066 May 06 j 20:50	11° $\text{Y}$ 23'29	
superior conj	-3067 May 29 j 14:23	11° $\text{Z}$ 41'41	1°19'14	asc. node	-3066 May 07 j 20:15	13° $\text{Y}$ 27'04	
minimum elong	-3067 May 29 j 11:44	11° $\text{Z}$ 27'45	1°18'55				
max. Earth dist.	-3067 Jun 01 j 13:37	17° $\text{Z}$ 54'17	1.34322 AU	superior conj	-3066 May 13 j 22:11	26° $\text{Y}$ 32'29	0°59'43
evening rise	-3067 Jun 06 j 11:35	27° $\text{Z}$ 48'14		minimum elong	-3066 May 13 j 19:52	26° $\text{Y}$ 20'03	0°59'21
	-3067 Jun 07 j 14:44	0° $\text{II}$		max. Earth dist.	-3066 May 15 j 17:34	0° $\text{Z}$ 25'28	1.33368 AU
	-3067 Jun 25 j 06:35	0° $\text{G}$			-3066 May 15 j 12:48	0° $\text{Z}$	
desc. node	-3067 Jul 01 j 18:25	9° $\text{G}$ 00'51		evening rise	-3066 May 21 j 07:55	12° $\text{Z}$ 05'04	
evening max el	-3067 Jul 11 j 03:04	19° $\text{G}$ 42'30	27°10'32		-3066 May 30 j 20:16	0° $\text{II}$	
retrograde	-3067 Jul 24 j 11:29	27° $\text{G}$ 03'51		desc. node	-3066 Jun 18 j 15:28	27° $\text{II}$ 32'12	
evening set	-3067 Jul 31 j 11:04	24° $\text{G}$ 16'40			-3066 Jun 20 j 20:16	0° $\text{G}$	
min. Earth dist.	-3067 Aug 04 j 05:47	20° $\text{G}$ 36'31	0.64914 AU	evening max el	-3066 Jun 23 j 13:16	2° $\text{Z}$ 45'25	27°25'16
inferior conj	-3067 Aug 06 j 08:24	18° $\text{G}$ 14'23	-3°10'24	retrograde	-3066 Jul 07 j 05:59	10° $\text{G}$ 07'50	
minimum elong	-3067 Aug 06 j 12:21	18° $\text{G}$ 03'19	3°09'11	evening set	-3066 Jul 14 j 10:16	7° $\text{Z}$ 29'53	
morning rise	-3067 Aug 12 j 14:09	12° $\text{G}$ 41'26		min. Earth dist.	-3066 Jul 18 j 00:31	4° $\text{Z}$ 22'30	0.63371 AU
direct	-3067 Aug 15 j 09:15	11° $\text{G}$ 59'37		inferior conj	-3066 Jul 20 j 16:59	1° $\text{Z}$ 39'32	-3°50'07
asc. node	-3067 Aug 16 j 22:31	12° $\text{G}$ 12'30		minimum elong	-3066 Jul 20 j 20:48	1° $\text{Z}$ 29'53	3°49'15
morning max el	-3067 Aug 21 j 21:57	15° $\text{G}$ 31'08	18°11'25		-3066 Jul 22 j 09:11	30° $\text{R}$ $\text{II}$	
	-3067 Sep 01 j 06:13	0° $\text{Q}$		morning rise	-3066 Jul 27 j 08:16	26° $\text{II}$ 24'35	
morning set	-3067 Sep 09 j 06:34	13° $\text{Q}$ 17'10		direct	-3066 Jul 29 j 23:25	25° $\text{II}$ 51'08	
	-3067 Sep 19 j 10:29	0° $\text{P}$		asc. node	-3066 Aug 03 j 19:34	27° $\text{II}$ 44'31	
				morning max el	-3066 Aug 05 j 13:01	29° $\text{II}$ 15'36	17°56'28
superior conj	-3067 Sep 23 j 08:49	6° $\text{P}$ 19'04	0°27'50		-3066 Aug 06 j 06:11	0° $\text{G}$	
minimum elong	-3067 Sep 23 j 12:09	6° $\text{P}$ 32'23	0°27'27	morning set	-3066 Aug 22 j 07:45	25° $\text{G}$ 14'17	
max. Earth dist.	-3067 Sep 26 j 23:28	12° $\text{P}$ 03'28	1.44640 AU		-3066 Aug 25 j 01:16	0° $\text{Q}$	
desc. node	-3067 Sep 27 j 17:54	13° $\text{P}$ 16'21					
	-3067 Oct 08 j 10:26	0° $\text{A}$		superior conj	-3066 Sep 03 j 10:10	15° $\text{Q}$ 56'28	1°08'00
evening rise	-3067 Oct 09 j 22:46	2° $\text{A}$ 21'07		minimum elong	-3066 Sep 03 j 15:48	16° $\text{Q}$ 19'51	1°07'26
greatest brilliancy	-3067 Oct 22 j 13:25	21° $\text{A}$ 43'58	-0.7m	max. Earth dist.	-3066 Sep 09 j 15:28	26° $\text{Q}$ 06'06	1.43715 AU
	-3067 Oct 28 j 05:15	0° $\text{M}$			-3066 Sep 12 j 01:58	0° $\text{P}$	
evening max el	-3067 Nov 04 j 00:37	8° $\text{M}$ 29'54	19°46'04	desc. node	-3066 Sep 14 j 14:52	4° $\text{P}$ 00'52	
retrograde	-3067 Nov 11 j 11:07	12° $\text{M}$ 49'52		evening rise	-3066 Sep 19 j 04:13	11° $\text{P}$ 07'21	
asc. node	-3067 Nov 12 j 21:33	12° $\text{M}$ 37'58			-3066 Oct 01 j 15:19	0° $\text{A}$	
evening set	-3067 Nov 14 j 23:06	11° $\text{M}$ 38'20		evening max el	-3066 Oct 18 j 02:02	21° $\text{A}$ 56'13	20°49'18
inferior conj	-3067 Nov 20 j 11:59	5° $\text{M}$ 39'00	2°24'20	retrograde	-3066 Oct 26 j 08:23	26° $\text{A}$ 49'36	
minimum elong	-3067 Nov 20 j 09:10	5° $\text{M}$ 48'16	2°23'20	evening set	-3066 Oct 30 j 06:17	25° $\text{A}$ 22'05	
min. Earth dist.	-3067 Nov 21 j 12:27	4° $\text{M}$ 18'37	0.66424 AU	asc. node	-3066 Oct 30 j 18:37	24° $\text{A}$ 57'27	
	-3067 Nov 25 j 04:37	30° $\text{R}$ $\text{A}$		inferior conj	-3066 Nov 04 j 15:53	19° $\text{A}$ 12'28	1°37'22
morning rise	-3067 Nov 25 j 19:02	29° $\text{A}$ 26'17		minimum elong	-3066 Nov 04 j 13:47	19° $\text{A}$ 19'37	1°36'32
direct	-3067 Dec 01 j 19:16	26° $\text{A}$ 47'55		min. Earth dist.	-3066 Nov 05 j 04:32	18° $\text{A}$ 29'20	0.67082 AU
	-3067 Dec 09 j 10:34	0° $\text{M}$		morning rise	-3066 Nov 09 j 21:08	12° $\text{A}$ 57'45	
morning max el	-3067 Dec 13 j 21:34	3° $\text{M}$ 57'28	25°32'50	direct	-3066 Nov 15 j 06:07	10° $\text{A}$ 38'04	
desc. node	-3067 Dec 24 j 17:28	16° $\text{M}$ 52'52		morning max el	-3066 Nov 26 j 06:15	17° $\text{A}$ 11'45	24°09'51
	-3066 Jan 02 j 21:18	0° $\text{X}$			-3066 Dec 06 j 22:23	0° $\text{M}$	
morning set	-3066 Jan 19 j 04:00	27° $\text{X}$ 05'29		desc. node	-3066 Dec 11 j 14:29	6° $\text{M}$ 27'40	
	-3066 Jan 20 j 18:04	0° $\text{Z}$			-3066 Dec 26 j 22:25	0° $\text{X}$	
max. Earth dist.	-3066 Jan 22 j 23:00	4° $\text{Z}$ 07'44	1.36274 AU	morning set	-3066 Dec 31 j 23:43	8° $\text{X}$ 31'25	
				max. Earth dist.	-3065 Jan 04 j 19:52	15° $\text{X}$ 16'39	1.38216 AU
superior conj	-3066 Jan 28 j 16:41	15° $\text{Z}$ 18'08	-1°35'36				
minimum elong	-3066 Jan 28 j 19:57	15° $\text{Z}$ 34'30	1°35'20	superior conj	-3065 Jan 11 j 21:48	28° $\text{X}$ 23'35	-1°50'21
	-3066 Feb 04 j 22:27	0° $\approx$		minimum elong	-3065 Jan 12 j 00:14	28° $\text{X}$ 35'13	1°50'19
evening rise	-3066 Feb 05 j 17:58	1° $\approx$ 39'05			-3065 Jan 12 j 17:56	0° $\text{Z}$	
asc. node	-3066 Feb 08 j 20:47	7° $\approx$ 52'36		evening rise	-3065 Jan 20 j 16:40	15° $\text{Z}$ 34'19	
	-3066 Feb 23 j 05:10	0° $\text{X}$		asc. node	-3065 Jan 26 j 17:49	27° $\text{Z}$ 07'40	
evening max el	-3066 Feb 23 j 11:17	0° $\text{X}$ 14'44	19°53'15		-3065 Jan 28 j 08:40	0° $\approx$	
retrograde	-3066 Mar 05 j 09:55	4° $\text{X}$ 58'32		evening max el	-3065 Feb 06 j 07:33	12° $\approx$ 22'51	18°58'19
evening set	-3066 Mar 07 j 16:18	4° $\text{X}$ 44'54		retrograde	-3065 Feb 14 j 18:09	16° $\approx$ 26'15	
inferior conj	-3066 Mar 16 j 08:41	0° $\text{X}$ 43'28	1°42'21	evening set	-3065 Feb 17 j 03:15	16° $\approx$ 08'15	
minimum elong	-3066 Mar 16 j 12:43	0° $\text{X}$ 37'14	1°41'02	inferior conj	-3065 Feb 25 j 01:54	11° $\approx$ 51'53	3°03'30
	-3066 Mar 17 j 12:50	30° $\text{R}$ $\approx$		minimum elong	-3065 Feb 25 j 06:33	11° $\approx$ 43'36	3°02'24
min. Earth dist.	-3066 Mar 18 j 14:25	29° $\approx$ 20'58	0.55818 AU	min. Earth dist.	-3065 Feb 28 j 06:00	9° $\approx$ 37'41	0.57258 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3065 Mar 05 j 07:08	6° $\approx$ 47'24		direct	-3064 Feb 20 j 08:40	16° $\approx$ 23'59	
desc. node	-3065 Mar 09 j 13:35	5° $\approx$ 43'21		desc. node	-3064 Feb 24 j 10:42	17° $\approx$ 06'14	
direct	-3065 Mar 10 j 14:01	5° $\approx$ 40'51		morning max el	-3064 Mar 05 j 15:11	24° $\approx$ 01'27	26°54'42
morning max el	-3065 Mar 24 j 20:16	13° $\approx$ 03'33	25°41'15		-3064 Mar 11 j 01:34	0° $\approx$	
	-3065 Apr 07 j 02:11	0° $\approx$			-3064 Mar 30 j 03:07	0° $\approx$	
morning set	-3065 Apr 21 j 08:48	26° $\approx$ 25'00		morning set	-3064 Apr 04 j 19:02	11° $\approx$ 20'07	
	-3065 Apr 23 j 01:22	0° $\approx$		asc. node	-3064 Apr 10 j 14:17	23° $\approx$ 47'10	
asc. node	-3065 Apr 24 j 17:17	3° $\approx$ 34'50					
				superior conj	-3064 Apr 11 j 20:36	26° $\approx$ 33'03	0°13'15
superior conj	-3065 Apr 28 j 08:51	11° $\approx$ 32'02	0°37'26	minimum elong	-3064 Apr 11 j 20:00	26° $\approx$ 29'50	0°13'06
minimum elong	-3065 Apr 28 j 07:17	11° $\approx$ 23'25	0°37'07	behind sun begin	-3064 Apr 11 j 17:12	26° $\approx$ 14'29	
max. Earth dist.	-3065 Apr 29 j 03:55	13° $\approx$ 16'01	1.32767 AU	behind sun end	-3064 Apr 11 j 22:48	26° $\approx$ 45'11	
evening rise	-3065 May 05 j 11:33	26° $\approx$ 44'12		max. Earth dist.	-3064 Apr 11 j 17:01	26° $\approx$ 13'25	1.32517 AU
	-3065 May 07 j 01:54	0° $\approx$			-3064 Apr 13 j 10:24	0° $\approx$	
	-3065 May 24 j 07:22	0° $\approx$		evening rise	-3064 Apr 18 j 19:53	11° $\approx$ 35'54	
desc. node	-3065 Jun 05 j 12:30	14° $\approx$ 15'19	27°08'08		-3064 Apr 28 j 07:20	0° $\approx$	
evening max el	-3065 Jun 05 j 19:37	15° $\approx$ 15'19		evening max el	-3064 May 17 j 20:04	27° $\approx$ 02'59	26°18'35
retrograde	-3065 Jun 19 j 17:59	22° $\approx$ 36'30			-3064 May 21 j 06:03	0° $\approx$	
evening set	-3065 Jun 26 j 17:39	20° $\approx$ 21'54		desc. node	-3064 May 22 j 09:35	0° $\approx$ 50'30	
min. Earth dist.	-3065 Jun 30 j 09:15	17° $\approx$ 36'07	0.61503 AU	retrograde	-3064 May 31 j 22:00	4° $\approx$ 20'33	
inferior conj	-3065 Jul 03 j 13:27	14° $\approx$ 45'59	-4°17'21	evening set	-3064 Jun 07 j 04:57	2° $\approx$ 41'37	
minimum elong	-3065 Jul 03 j 15:51	14° $\approx$ 40'35	4°17'01		-3064 Jun 11 j 09:34	30° $\approx$	
morning rise	-3065 Jul 10 j 15:37	9° $\approx$ 51'41		min. Earth dist.	-3064 Jun 11 j 09:07	0° $\approx$ 00'49	0.59457 AU
direct	-3065 Jul 13 j 04:38	9° $\approx$ 24'35		inferior conj	-3064 Jun 14 j 18:04	27° $\approx$ 23'30	-4°24'36
morning max el	-3065 Jul 20 j 02:57	12° $\approx$ 51'28	18°00'04	minimum elong	-3064 Jun 14 j 17:30	27° $\approx$ 24'38	4°24'31
asc. node	-3065 Jul 21 j 16:38	14° $\approx$ 31'43		morning rise	-3064 Jun 22 j 08:24	22° $\approx$ 51'02	
	-3065 Jul 31 j 16:54	0° $\approx$		direct	-3064 Jun 24 j 20:37	22° $\approx$ 28'48	
morning set	-3065 Aug 05 j 04:13	8° $\approx$ 07'23		morning max el	-3064 Jul 02 j 12:41	26° $\approx$ 09'21	18°23'11
					-3064 Jul 05 j 21:57	0° $\approx$	
superior conj	-3065 Aug 15 j 15:18	26° $\approx$ 57'01	1°34'06	asc. node	-3064 Jul 07 j 13:42	2° $\approx$ 17'40	
minimum elong	-3065 Aug 15 j 19:32	27° $\approx$ 15'26	1°33'51	morning set	-3064 Jul 18 j 14:50	21° $\approx$ 42'29	
	-3065 Aug 17 j 09:30	0° $\approx$			-3064 Jul 22 j 23:07	0° $\approx$	
max. Earth dist.	-3065 Aug 23 j 02:08	9° $\approx$ 36'41	1.42224 AU				
evening rise	-3065 Aug 29 j 14:11	20° $\approx$ 08'19		superior conj	-3064 Jul 27 j 20:46	9° $\approx$ 10'16	1°46'41
desc. node	-3065 Sep 01 j 11:51	24° $\approx$ 02'02		minimum elong	-3064 Jul 27 j 22:24	9° $\approx$ 17'47	1°46'44
	-3065 Sep 04 j 22:17	0° $\approx$		max. Earth dist.	-3064 Aug 04 j 06:52	22° $\approx$ 23'39	1.40370 AU
	-3065 Sep 26 j 03:32	0° $\approx$		evening rise	-3064 Aug 08 j 21:02	0° $\approx$ 09'02	
evening max el	-3065 Sep 30 j 21:17	5° $\approx$ 21'59	22°03'20		-3064 Aug 08 j 18:51	0° $\approx$	
retrograde	-3065 Oct 10 j 04:19	10° $\approx$ 53'31		desc. node	-3064 Aug 18 j 08:50	15° $\approx$ 15'51	
evening set	-3065 Oct 14 j 14:13	9° $\approx$ 08'01			-3064 Aug 28 j 09:24	0° $\approx$	
asc. node	-3065 Oct 17 j 15:42	5° $\approx$ 54'11		evening max el	-3064 Sep 12 j 11:31	18° $\approx$ 49'09	23°23'24
inferior conj	-3065 Oct 19 j 22:06	2° $\approx$ 51'42	0°46'24	retrograde	-3064 Sep 22 j 21:25	24° $\approx$ 58'43	
minimum elong	-3065 Oct 19 j 21:02	2° $\approx$ 55'22	0°45'58	evening set	-3064 Sep 27 j 21:07	22° $\approx$ 54'06	
min. Earth dist.	-3065 Oct 20 j 00:06	2° $\approx$ 44'45	0.67420 AU	inferior conj	-3064 Oct 03 j 04:50	16° $\approx$ 34'48	-0°06'51
	-3065 Oct 22 j 00:59	30° $\approx$		minimum elong	-3064 Oct 03 j 05:00	16° $\approx$ 34'16	0°06'46
morning rise	-3065 Oct 25 j 03:43	26° $\approx$ 37'32		transit middle	-3064 Oct 03 j 05:00	16° $\approx$ 34'16	0°06'46
direct	-3065 Oct 29 j 21:35	24° $\approx$ 39'21		transit begin	-3064 Oct 03 j 02:32	16° $\approx$ 42'43	
	-3065 Nov 08 j 04:59	0° $\approx$		transit end	-3064 Oct 03 j 07:27	16° $\approx$ 25'49	
morning max el	-3065 Nov 08 j 16:52	0° $\approx$ 29'41	22°43'00	min. Earth dist.	-3064 Oct 02 j 20:40	17° $\approx$ 02'49	0.67455 AU
desc. node	-3065 Nov 28 j 11:29	26° $\approx$ 27'57		asc. node	-3064 Oct 03 j 12:48	16° $\approx$ 07'31	
	-3065 Nov 30 j 20:13	0° $\approx$		morning rise	-3064 Oct 08 j 12:46	10° $\approx$ 24'05	
morning set	-3065 Dec 12 j 16:04	18° $\approx$ 35'42		direct	-3064 Oct 12 j 16:42	8° $\approx$ 47'19	
max. Earth dist.	-3065 Dec 17 j 16:07	26° $\approx$ 57'29	1.40298 AU	morning max el	-3064 Oct 21 j 08:33	13° $\approx$ 53'44	21°20'36
	-3065 Dec 19 j 10:38	0° $\approx$			-3064 Nov 03 j 00:11	0° $\approx$	
				desc. node	-3064 Nov 14 j 08:29	16° $\approx$ 46'17	
superior conj	-3065 Dec 25 j 10:31	10° $\approx$ 37'26	-1°56'33	morning set	-3064 Nov 21 j 04:32	27° $\approx$ 21'33	
minimum elong	-3065 Dec 25 j 10:37	10° $\approx$ 37'54	1°56'39		-3064 Nov 22 j 20:36	0° $\approx$	
evening rise	-3064 Jan 04 j 06:05	28° $\approx$ 57'27		max. Earth dist.	-3064 Nov 28 j 18:11	9° $\approx$ 31'14	1.42237 AU
	-3064 Jan 04 j 19:17	0° $\approx$					
asc. node	-3064 Jan 13 j 14:51	15° $\approx$ 52'54		superior conj	-3064 Dec 06 j 01:16	21° $\approx$ 46'10	-1°50'23
evening max el	-3064 Jan 20 j 12:08	25° $\approx$ 01'37	18°23'28	minimum elong	-3064 Dec 05 j 21:36	21° $\approx$ 30'24	1°50'17
retrograde	-3064 Jan 27 j 20:54	28° $\approx$ 39'40			-3064 Dec 10 j 18:32	0° $\approx$	
evening set	-3064 Jan 30 j 09:41	28° $\approx$ 15'07		evening rise	-3064 Dec 17 j 06:36	11° $\approx$ 40'32	
inferior conj	-3064 Feb 06 j 15:48	23° $\approx$ 38'35	3°47'31		-3064 Dec 27 j 18:52	0° $\approx$	
minimum elong	-3064 Feb 06 j 18:17	23° $\approx$ 33'27	3°47'09	asc. node	-3064 Dec 30 j 11:55	3° $\approx$ 58'56	
min. Earth dist.	-3064 Feb 10 j 01:22	20° $\approx$ 51'11	0.59171 AU	evening max el	-3063 Jan 02 j 22:11	8° $\approx$ 02'48	18°08'35
morning rise	-3064 Feb 14 j 00:42	18° $\approx$ 09'35		retrograde	-3063 Jan 09 j 16:02	11° $\approx$ 30'21	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3063 Jan 12 j 08:17	10° $\text{Z}$ 57'58		asc. node	-3063 Dec 17 j 09:00	21° $\text{Z}$ 13'17	
inferior conj	-3063 Jan 19 j 00:45	5° $\text{Z}$ 59'54	4°00'19	evening max el	-3063 Dec 17 j 10:39	21° $\text{Z}$ 17'27	18°12'58
minimum elong	-3063 Jan 19 j 00:36	6° $\text{Z}$ 00'16	4°00'12	retrograde	-3063 Dec 23 j 23:20	24° $\text{Z}$ 47'14	
min. Earth dist.	-3063 Jan 22 j 03:14	3° $\text{Z}$ 03'40	0.61208 AU	evening set	-3063 Dec 26 j 19:15	24° $\text{Z}$ 06'04	
morning rise	-3063 Jan 25 j 15:36	0° $\text{Z}$ 14'29		inferior conj	-3062 Jan 02 j 01:00	18° $\text{Z}$ 47'22	3°50'30
	-3063 Jan 26 j 00:27	30° $\text{R}$ $\text{Z}$		minimum elong	-3062 Jan 01 j 22:58	18° $\text{Z}$ 52'50	3°50'09
direct	-3063 Feb 01 j 13:54	27° $\text{Z}$ 53'23		min. Earth dist.	-3062 Jan 04 j 14:01	16° $\text{Z}$ 04'01	0.63093 AU
	-3063 Feb 08 j 13:24	0° $\text{Z}$		morning rise	-3062 Jan 08 j 01:59	12° $\text{Z}$ 50'36	
desc. node	-3063 Feb 10 j 07:47	1° $\text{Z}$ 07'02		direct	-3062 Jan 15 j 03:18	10° $\text{Z}$ 06'46	
morning max el	-3063 Feb 15 j 16:11	5° $\text{Z}$ 37'22	27°36'13	desc. node	-3062 Jan 28 j 04:51	17° $\text{Z}$ 09'24	
	-3063 Mar 05 j 23:30	0° $\text{Z}$		morning max el	-3062 Jan 28 j 22:33	17° $\text{Z}$ 52'22	27°41'30
morning set	-3063 Mar 20 j 01:39	26° $\text{Z}$ 02'14			-3062 Feb 08 j 03:50	0° $\text{Z}$	
	-3063 Mar 21 j 23:24	0° $\text{H}$			-3062 Feb 26 j 17:45	0° $\text{Z}$	
max. Earth dist.	-3063 Mar 26 j 05:15	9° $\text{H}$ 05'23	1.32623 AU	morning set	-3062 Mar 04 j 02:21	10° $\text{Z}$ 22'52	
				max. Earth dist.	-3062 Mar 09 j 12:44	21° $\text{Z}$ 37'52	1.33098 AU
superior conj	-3063 Mar 27 j 07:46	11° $\text{H}$ 29'45	-0°12'03	superior conj	-3062 Mar 11 j 16:37	26° $\text{Z}$ 15'28	-0°37'30
minimum elong	-3063 Mar 27 j 08:19	11° $\text{H}$ 32'44	0°11'57	minimum elong	-3062 Mar 11 j 18:19	26° $\text{Z}$ 24'35	0°37'12
behind sun begin	-3063 Mar 27 j 04:59	11° $\text{H}$ 14'31			-3062 Mar 13 j 10:14	0° $\text{H}$	
behind sun end	-3063 Mar 27 j 11:39	11° $\text{H}$ 50'57		asc. node	-3062 Mar 15 j 08:22	4° $\text{H}$ 09'11	
asc. node	-3063 Mar 28 j 11:20	14° $\text{H}$ 00'08		evening rise	-3062 Mar 18 j 18:35	11° $\text{H}$ 28'12	
evening rise	-3063 Apr 03 j 06:52	26° $\text{H}$ 33'01			-3062 Mar 28 j 08:01	0° $\text{Y}$	
	-3063 Apr 04 j 22:34	0° $\text{Y}$		evening max el	-3062 Apr 11 j 06:13	18° $\text{Y}$ 53'22	23°29'41
	-3063 Apr 22 j 11:13	0° $\text{Z}$		retrograde	-3062 Apr 24 j 20:07	25° $\text{Y}$ 38'29	
evening max el	-3063 Apr 29 j 14:35	8° $\text{Z}$ 10'28	25°01'53	desc. node	-3062 Apr 26 j 03:46	25° $\text{Y}$ 34'35	
desc. node	-3063 May 09 j 06:41	14° $\text{Z}$ 33'57		evening set	-3062 Apr 28 j 14:13	25° $\text{Y}$ 07'33	
retrograde	-3063 May 13 j 15:24	15° $\text{Z}$ 18'08		min. Earth dist.	-3062 May 05 j 17:04	21° $\text{Y}$ 51'44	0.55971 AU
evening set	-3063 May 18 j 18:10	14° $\text{Z}$ 17'58		inferior conj	-3062 May 07 j 17:10	20° $\text{Y}$ 40'06	-2°58'24
min. Earth dist.	-3063 May 24 j 02:44	11° $\text{Z}$ 25'50	0.57503 AU	minimum elong	-3062 May 07 j 10:55	20° $\text{Y}$ 49'27	2°56'43
inferior conj	-3063 May 27 j 03:37	9° $\text{Z}$ 23'10	-4°01'30	morning rise	-3062 May 16 j 10:21	16° $\text{Y}$ 41'52	
minimum elong	-3063 May 26 j 23:15	9° $\text{Z}$ 30'35	4°00'48	direct	-3062 May 18 j 23:30	16° $\text{Y}$ 25'43	
morning rise	-3063 Jun 04 j 07:15	5° $\text{Z}$ 10'55		morning max el	-3062 May 29 j 08:18	21° $\text{Y}$ 14'19	20°10'47
direct	-3063 Jun 06 j 19:26	4° $\text{Z}$ 52'25			-3062 Jun 05 j 11:40	0° $\text{Z}$	
morning max el	-3063 Jun 15 j 15:18	8° $\text{Z}$ 59'54	19°06'42	asc. node	-3062 Jun 11 j 07:49	9° $\text{Z}$ 55'02	
asc. node	-3063 Jun 24 j 10:46	20° $\text{Z}$ 49'01		morning set	-3062 Jun 16 j 15:28	20° $\text{Z}$ 20'24	
	-3063 Jun 29 j 11:57	0° $\text{II}$			-3062 Jun 21 j 08:51	0° $\text{II}$	
morning set	-3063 Jul 02 j 11:37	5° $\text{II}$ 49'29		superior conj	-3062 Jun 24 j 10:22	6° $\text{II}$ 13'05	1°41'40
superior conj	-3063 Jul 10 j 20:50	22° $\text{II}$ 20'24	1°48'20	minimum elong	-3062 Jun 24 j 08:22	6° $\text{II}$ 03'05	1°41'38
minimum elong	-3063 Jul 10 j 20:15	22° $\text{II}$ 17'34	1°48'26	max. Earth dist.	-3062 Jun 29 j 14:00	16° $\text{II}$ 21'00	1.36566 AU
	-3063 Jul 14 j 21:47	0° $\text{O}$		evening rise	-3062 Jul 03 j 13:49	23° $\text{II}$ 50'03	
max. Earth dist.	-3063 Jul 17 j 09:00	4° $\text{O}$ 32'04	1.38404 AU		-3062 Jul 07 j 00:15	0° $\text{O}$	
evening rise	-3063 Jul 21 j 05:54	11° $\text{O}$ 25'10		desc. node	-3062 Jul 23 j 02:52	25° $\text{O}$ 41'53	
	-3063 Aug 01 j 13:04	0° $\text{O}$			-3062 Jul 26 j 04:22	0° $\text{O}$	
desc. node	-3063 Aug 05 j 05:51	5° $\text{O}$ 37'45		evening max el	-3062 Aug 08 j 10:01	15° $\text{O}$ 52'55	25°54'07
	-3063 Aug 23 j 17:09	0° $\text{P}$		retrograde	-3062 Aug 20 j 19:12	22° $\text{O}$ 58'14	
evening max el	-3063 Aug 25 j 23:03	2° $\text{P}$ 19'51	24°42'54	evening set	-3062 Aug 27 j 00:39	20° $\text{O}$ 19'35	
retrograde	-3063 Sep 06 j 10:36	9° $\text{P}$ 01'46		min. Earth dist.	-3062 Aug 31 j 06:41	15° $\text{O}$ 40'20	0.66590 AU
evening set	-3063 Sep 12 j 01:15	6° $\text{P}$ 38'34		inferior conj	-3062 Sep 01 j 12:52	14° $\text{O}$ 04'46	-1°53'48
min. Earth dist.	-3063 Sep 16 j 15:40	1° $\text{P}$ 22'03	0.67187 AU	minimum elong	-3062 Sep 01 j 15:32	13° $\text{O}$ 56'18	1°52'43
inferior conj	-3063 Sep 17 j 10:21	0° $\text{P}$ 19'49	-1°00'49	morning rise	-3062 Sep 07 j 06:34	8° $\text{O}$ 10'24	
minimum elong	-3063 Sep 17 j 11:48	0° $\text{P}$ 14'59	1°00'10	asc. node	-3062 Sep 07 j 06:59	8° $\text{O}$ 09'46	
	-3063 Sep 17 j 16:18	30° $\text{R}$ $\text{O}$		direct	-3062 Sep 10 j 12:32	7° $\text{O}$ 09'33	
asc. node	-3063 Sep 20 j 09:54	26° $\text{O}$ 35'17		morning max el	-3062 Sep 17 j 13:29	11° $\text{O}$ 08'51	19°10'27
morning rise	-3063 Sep 22 j 22:21	24° $\text{O}$ 15'42			-3062 Oct 01 j 06:02	0° $\text{P}$	
direct	-3063 Sep 26 j 14:15	22° $\text{O}$ 58'22		morning set	-3062 Oct 10 j 09:30	14° $\text{P}$ 16'41	
morning max el	-3063 Oct 04 j 07:25	27° $\text{O}$ 26'46	20°08'33	desc. node	-3062 Oct 19 j 02:26	27° $\text{P}$ 56'06	
	-3063 Oct 06 j 15:01	0° $\text{P}$			-3062 Oct 20 j 09:59	0° $\text{O}$	
	-3063 Oct 27 j 12:15	0° $\text{O}$		max. Earth dist.	-3062 Oct 24 j 20:11	6° $\text{O}$ 58'05	1.44672 AU
morning set	-3063 Oct 31 j 02:22	5° $\text{O}$ 31'56		superior conj	-3062 Oct 26 j 23:43	10° $\text{O}$ 21'52	-0°49'01
desc. node	-3063 Nov 01 j 05:27	7° $\text{O}$ 16'55		minimum elong	-3062 Oct 26 j 17:46	9° $\text{O}$ 58'17	0°48'18
max. Earth dist.	-3063 Nov 11 j 04:13	22° $\text{O}$ 56'52	1.43763 AU		-3062 Nov 08 j 05:06	0° $\text{P}$	
	-3063 Nov 15 j 13:05	0° $\text{P}$		evening rise	-3062 Nov 10 j 23:28	4° $\text{P}$ 31'24	
superior conj	-3063 Nov 16 j 13:11	1° $\text{P}$ 38'24	-1°28'05		-3062 Nov 27 j 02:10	0° $\text{Z}$	
minimum elong	-3063 Nov 16 j 06:10	1° $\text{P}$ 09'44	1°27'29	evening max el	-3062 Nov 30 j 22:49	4° $\text{Z}$ 39'48	18°35'46
evening rise	-3063 Nov 29 j 13:52	23° $\text{P}$ 34'28		asc. node	-3062 Dec 04 j 06:03	7° $\text{Z}$ 21'55	
	-3063 Dec 03 j 07:16	0° $\text{Z}$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3062 Dec 07 j 14:34	8° $\text{♁}$ 22'28				-3061 Oct 13 j 04:18	0° $\text{♁}$	
evening set	-3062 Dec 10 j 15:14	7° $\text{♁}$ 31'10			evening rise	-3061 Oct 22 j 08:24	14° $\text{♁}$ 25'26	
inferior conj	-3062 Dec 16 j 12:49	1° $\text{♁}$ 54'13	3°25'02		greatest brilliancy	-3061 Nov 01 j 03:25	29° $\text{♁}$ 48'09	-0.8m
minimum elong	-3062 Dec 16 j 09:52	2° $\text{♁}$ 02'56	3°24'19			-3061 Nov 01 j 06:28	0° $\text{♁}$	
	-3062 Dec 18 j 03:20	30° $\text{♁}$			evening max el	-3061 Nov 14 j 08:15	18° $\text{♁}$ 05'46	19°15'52
min. Earth dist.	-3062 Dec 18 j 10:51	29° $\text{♁}$ 38'02	0.64671 AU		retrograde	-3061 Nov 21 j 10:13	22° $\text{♁}$ 10'13	
morning rise	-3062 Dec 22 j 04:07	25° $\text{♁}$ 49'09			asc. node	-3061 Nov 21 j 03:06	22° $\text{♁}$ 09'43	
direct	-3062 Dec 28 j 23:37	22° $\text{♁}$ 57'35			evening set	-3061 Nov 24 j 17:22	21° $\text{♁}$ 06'53	
	-3061 Jan 10 j 16:10	0° $\text{♁}$			inferior conj	-3061 Nov 30 j 08:55	15° $\text{♁}$ 14'46	2°48'48
morning max el	-3061 Jan 11 j 07:55	0° $\text{♁}$ 38'34	27°12'18		minimum elong	-3061 Nov 30 j 05:52	15° $\text{♁}$ 24'28	2°47'50
desc. node	-3061 Jan 15 j 01:54	4° $\text{♁}$ 39'40			min. Earth dist.	-3061 Dec 01 j 16:52	13° $\text{♁}$ 33'00	0.65884 AU
	-3061 Feb 02 j 04:07	0° $\text{♁}$			morning rise	-3061 Dec 05 j 18:05	9° $\text{♁}$ 03'57	
morning set	-3061 Feb 15 j 18:11	24° $\text{♁}$ 12'30			direct	-3061 Dec 12 j 02:14	6° $\text{♁}$ 17'47	
	-3061 Feb 18 j 16:25	0° $\text{♁}$			morning max el	-3061 Dec 24 j 17:37	13° $\text{♁}$ 43'29	26°15'02
max. Earth dist.	-3061 Feb 20 j 11:35	3° $\text{♁}$ 39'15	1.33980 AU		desc. node	-3060 Jan 01 j 22:57	23° $\text{♁}$ 12'10	
						-3060 Jan 07 j 00:29	0° $\text{♁}$	
superior conj	-3061 Feb 23 j 21:13	10° $\text{♁}$ 43'43	-1°02'06			-3060 Jan 25 j 20:55	0° $\text{♁}$	
minimum elong	-3061 Feb 23 j 23:54	10° $\text{♁}$ 57'51	1°01'42		morning set	-3060 Jan 29 j 21:14	7° $\text{♁}$ 19'20	
asc. node	-3061 Mar 02 j 05:23	24° $\text{♁}$ 09'57			max. Earth dist.	-3060 Feb 02 j 22:51	15° $\text{♁}$ 05'41	1.35305 AU
evening rise	-3061 Mar 03 j 05:14	26° $\text{♁}$ 14'57						
	-3061 Mar 05 j 00:48	0° $\text{♁}$			superior conj	-3060 Feb 07 j 19:16	24° $\text{♁}$ 47'42	-1°24'27
evening max el	-3061 Mar 24 j 01:07	29° $\text{♁}$ 38'47	21°56'20		minimum elong	-3060 Feb 07 j 22:32	25° $\text{♁}$ 04'22	1°24'06
	-3061 Mar 24 j 10:07	0° $\text{♁}$				-3060 Feb 10 j 08:00	0° $\text{♁}$	
retrograde	-3061 Apr 05 j 13:40	5° $\text{♁}$ 43'46			evening rise	-3060 Feb 15 j 13:00	10° $\text{♁}$ 47'18	
evening set	-3061 Apr 08 j 06:35	5° $\text{♁}$ 27'26			asc. node	-3060 Feb 17 j 02:24	13° $\text{♁}$ 57'54	
desc. node	-3061 Apr 13 j 00:52	3° $\text{♁}$ 49'15				-3060 Feb 25 j 18:57	0° $\text{♁}$	
inferior conj	-3061 Apr 17 j 15:41	1° $\text{♁}$ 22'04	-1°16'45		evening max el	-3060 Mar 05 j 05:01	10° $\text{♁}$ 51'47	20°33'30
minimum elong	-3061 Apr 17 j 12:10	1° $\text{♁}$ 27'02	1°15'33		retrograde	-3060 Mar 16 j 03:36	16° $\text{♁}$ 04'46	
min. Earth dist.	-3061 Apr 17 j 06:41	1° $\text{♁}$ 34'44	0.55179 AU		evening set	-3060 Mar 18 j 10:10	15° $\text{♁}$ 52'10	
	-3061 Apr 20 j 03:11	30° $\text{♁}$			inferior conj	-3060 Mar 27 j 11:27	11° $\text{♁}$ 54'20	0°40'37
morning rise	-3061 Apr 26 j 18:55	27° $\text{♁}$ 23'44			minimum elong	-3060 Mar 27 j 13:17	11° $\text{♁}$ 51'41	0°39'57
direct	-3061 Apr 29 j 13:22	27° $\text{♁}$ 06'39			min. Earth dist.	-3060 Mar 28 j 20:55	11° $\text{♁}$ 05'40	0.55316 AU
	-3061 May 08 j 03:14	0° $\text{♁}$			desc. node	-3060 Mar 29 j 21:57	10° $\text{♁}$ 29'57	
morning max el	-3061 May 11 j 14:28	2° $\text{♁}$ 47'20	21°33'36		morning rise	-3060 Apr 05 j 15:03	7° $\text{♁}$ 37'03	
asc. node	-3061 May 29 j 04:50	29° $\text{♁}$ 26'36			direct	-3060 Apr 09 j 01:50	7° $\text{♁}$ 11'08	
	-3061 May 29 j 11:32	0° $\text{♁}$			morning max el	-3060 Apr 22 j 11:04	13° $\text{♁}$ 43'17	23°09'39
morning set	-3061 May 31 j 23:58	5° $\text{♁}$ 07'42				-3060 May 04 j 21:17	0° $\text{♁}$	
					morning set	-3060 May 15 j 11:10	20° $\text{♁}$ 05'35	
superior conj	-3061 Jun 08 j 09:16	20° $\text{♁}$ 35'45	1°28'49		asc. node	-3060 May 15 j 01:52	19° $\text{♁}$ 17'03	
minimum elong	-3061 Jun 08 j 06:40	20° $\text{♁}$ 22'16	1°28'35			-3060 May 20 j 02:56	0° $\text{♁}$	
max. Earth dist.	-3061 Jun 12 j 02:44	28° $\text{♁}$ 14'27	1.35027 AU					
	-3061 Jun 12 j 23:46	0° $\text{♁}$			superior conj	-3060 May 22 j 14:33	5° $\text{♁}$ 19'16	1°11'22
evening rise	-3061 Jun 16 j 15:30	7° $\text{♁}$ 09'09			minimum elong	-3060 May 22 j 12:00	5° $\text{♁}$ 05'39	1°11'01
	-3061 Jun 29 j 15:40	0° $\text{♁}$			max. Earth dist.	-3060 May 25 j 01:21	10° $\text{♁}$ 30'36	1.33865 AU
desc. node	-3061 Jul 09 j 23:55	15° $\text{♁}$ 19'35			evening rise	-3060 May 30 j 06:14	21° $\text{♁}$ 09'07	
evening max el	-3061 Jul 21 j 21:18	29° $\text{♁}$ 21'58	26°49'10			-3060 Jun 03 j 20:42	0° $\text{♁}$	
	-3061 Jul 22 j 13:16	0° $\text{♁}$				-3060 Jun 22 j 12:54	0° $\text{♁}$	
retrograde	-3061 Aug 03 j 22:53	6° $\text{♁}$ 40'42			desc. node	-3060 Jun 25 j 20:56	4° $\text{♁}$ 19'42	
evening set	-3061 Aug 10 j 17:02	3° $\text{♁}$ 53'27			evening max el	-3060 Jul 03 j 08:25	12° $\text{♁}$ 38'07	27°20'29
min. Earth dist.	-3061 Aug 14 j 15:22	29° $\text{♁}$ 52'23	0.65631 AU		retrograde	-3060 Jul 16 j 21:07	20° $\text{♁}$ 01'21	
	-3061 Aug 14 j 12:44	30° $\text{♁}$			evening set	-3060 Jul 23 j 23:31	17° $\text{♁}$ 16'13	
inferior conj	-3061 Aug 16 j 10:19	27° $\text{♁}$ 45'37	-2°43'54		min. Earth dist.	-3060 Jul 27 j 15:47	13° $\text{♁}$ 50'57	0.64298 AU
minimum elong	-3061 Aug 16 j 13:57	27° $\text{♁}$ 34'55	2°42'38		inferior conj	-3060 Jul 30 j 00:25	11° $\text{♁}$ 18'25	-3°28'28
morning rise	-3061 Aug 22 j 11:17	22° $\text{♁}$ 04'11			minimum elong	-3060 Jul 30 j 04:26	11° $\text{♁}$ 07'36	3°27'21
direct	-3061 Aug 25 j 09:37	21° $\text{♁}$ 16'27			morning rise	-3060 Aug 05 j 10:04	5° $\text{♁}$ 52'50	
asc. node	-3061 Aug 25 j 04:03	21° $\text{♁}$ 16'45			direct	-3060 Aug 08 j 03:06	5° $\text{♁}$ 15'03	
morning max el	-3061 Sep 01 j 00:59	24° $\text{♁}$ 55'46	18°28'09		asc. node	-3060 Aug 11 j 01:07	5° $\text{♁}$ 58'49	
	-3061 Sep 05 j 05:55	0° $\text{♁}$			morning max el	-3060 Aug 14 j 15:30	8° $\text{♁}$ 42'49	18°02'50
morning set	-3061 Sep 20 j 17:44	24° $\text{♁}$ 16'13				-3060 Aug 28 j 22:41	0° $\text{♁}$	
	-3061 Sep 24 j 06:36	0° $\text{♁}$			morning set	-3060 Sep 01 j 05:12	5° $\text{♁}$ 34'02	
superior conj	-3061 Oct 05 j 23:18	18° $\text{♁}$ 39'28	0°00'02		superior conj	-3060 Sep 14 j 10:35	27° $\text{♁}$ 34'57	0°46'27
minimum elong	-3061 Oct 05 j 23:19	18° $\text{♁}$ 39'31	0°00'03		minimum elong	-3060 Sep 14 j 15:29	27° $\text{♁}$ 54'46	0°45'53
behind sun begin	-3061 Oct 05 j 12:27	17° $\text{♁}$ 56'35				-3060 Sep 15 j 22:30	0° $\text{♁}$	
behind sun end	-3061 Oct 06 j 10:12	19° $\text{♁}$ 22'26			max. Earth dist.	-3060 Sep 19 j 07:25	5° $\text{♁}$ 23'44	1.44321 AU
desc. node	-3061 Oct 05 j 23:24	18° $\text{♁}$ 39'51			desc. node	-3060 Sep 21 j 20:22	9° $\text{♁}$ 25'06	
max. Earth dist.	-3061 Oct 07 j 14:18	21° $\text{♁}$ 13'13	1.44858 AU		evening rise	-3060 Sep 30 j 20:05	23° $\text{♁}$ 26'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3060 Oct 05 j 02:26	0°♊		desc. node	-3059 Sep 08 j 17:21	0°♎08'52	
greatest brilliancy	-3060 Oct 14 j 15:37	14°♊26'13	-0.6m		-3059 Sep 08 j 15:05	0°♎	
	-3060 Oct 26 j 02:50	0°♎		evening rise	-3059 Sep 10 j 00:58	2°♎12'28	
evening max el	-3060 Oct 27 j 13:00	1°♎32'37	20°11'28		-3059 Sep 28 j 15:46	0°♊	
retrograde	-3060 Nov 04 j 07:27	6°♎06'20		evening max el	-3059 Oct 10 j 11:54	14°♊59'25	21°19'50
asc. node	-3060 Nov 07 j 00:09	5°♎24'17		retrograde	-3059 Oct 19 j 04:15	20°♊08'21	
evening set	-3060 Nov 07 j 23:17	4°♎48'30		evening set	-3059 Oct 23 j 07:00	18°♊33'30	
	-3060 Nov 12 j 11:52	30°♎♊		asc. node	-3059 Oct 24 j 21:14	17°♊05'54	
inferior conj	-3060 Nov 13 j 10:36	28°♊44'31	2°05'03	inferior conj	-3059 Oct 28 j 15:42	12°♊20'54	1°16'11
minimum elong	-3060 Nov 13 j 08:02	28°♊53'05	2°04'05	minimum elong	-3059 Oct 28 j 14:01	12°♊26'42	1°15'28
min. Earth dist.	-3060 Nov 14 j 05:57	27°♊39'43	0.66741 AU	min. Earth dist.	-3059 Oct 28 j 23:48	11°♊53'05	0.67264 AU
morning rise	-3060 Nov 18 j 16:34	22°♊30'27		morning rise	-3059 Nov 02 j 20:52	6°♊06'10	
direct	-3060 Nov 24 j 10:26	19°♊59'09		direct	-3059 Nov 07 j 23:28	3°♊55'13	
morning max el	-3060 Dec 06 j 02:15	26°♊55'27	24°58'34	morning max el	-3059 Nov 18 j 11:10	10°♊10'37	23°32'52
	-3060 Dec 08 j 23:21	0°♎			-3059 Dec 04 j 03:20	0°♎	
desc. node	-3060 Dec 18 j 19:57	12°♎28'13		desc. node	-3059 Dec 05 j 16:57	2°♎15'18	
	-3060 Dec 30 j 15:53	0°♊			-3059 Dec 23 j 10:10	0°♊	
morning set	-3059 Jan 11 j 06:10	19°♊27'03		morning set	-3059 Dec 23 j 14:49	0°♊19'37	
max. Earth dist.	-3059 Jan 14 j 22:58	26°♊09'51	1.37061 AU	max. Earth dist.	-3059 Dec 27 j 18:32	7°♊28'31	1.39103 AU
	-3059 Jan 17 j 00:15	0°♊					
				superior conj	-3058 Jan 04 j 06:31	21°♊03'42	-1°54'15
superior conj	-3059 Jan 21 j 07:41	8°♊17'49	-1°42'41	minimum elong	-3058 Jan 04 j 08:10	21°♊11'24	1°54'17
minimum elong	-3059 Jan 21 j 10:45	8°♊32'54	1°42'32		-3058 Jan 08 j 23:23	0°♊	
evening rise	-3059 Jan 29 j 15:43	24°♊57'58		evening rise	-3058 Jan 13 j 10:52	8°♊40'46	
	-3059 Feb 01 j 04:36	0°♎		asc. node	-3058 Jan 20 j 20:27	22°♊30'27	
asc. node	-3059 Feb 02 j 23:25	3°♎26'52			-3058 Jan 25 j 13:56	0°♎	
evening max el	-3059 Feb 15 j 19:41	22°♎40'37	19°27'31	evening max el	-3058 Jan 29 j 19:54	5°♎03'19	18°41'01
retrograde	-3059 Feb 25 j 01:55	27°♎05'04		retrograde	-3058 Feb 06 j 17:50	8°♎53'37	
evening set	-3059 Feb 27 j 09:06	26°♎50'00		evening set	-3058 Feb 09 j 04:44	8°♎32'51	
inferior conj	-3059 Mar 07 j 18:07	22°♎43'42	2°21'14	inferior conj	-3058 Feb 16 j 20:02	4°♎08'11	3°26'28
minimum elong	-3059 Mar 07 j 22:54	22°♎35'53	2°19'51	minimum elong	-3058 Feb 16 j 23:58	4°♎00'44	3°25'42
min. Earth dist.	-3059 Mar 10 j 11:45	20°♎57'20	0.56353 AU	min. Earth dist.	-3058 Feb 20 j 04:23	1°♎37'18	0.58046 AU
morning rise	-3059 Mar 16 j 10:01	17°♎56'37			-3058 Feb 22 j 14:42	30°♎♊	
desc. node	-3059 Mar 16 j 19:03	17°♎49'12		morning rise	-3058 Feb 24 j 16:42	28°♊52'37	
direct	-3059 Mar 21 j 00:13	17°♎08'37		direct	-3058 Mar 02 j 11:30	27°♊29'50	
morning max el	-3059 Apr 04 j 02:12	24°♎17'42	24°48'34	desc. node	-3058 Mar 03 j 16:09	27°♊33'22	
	-3059 Apr 09 j 07:01	0°♊			-3058 Mar 10 j 11:16	0°♎	
	-3059 Apr 27 j 11:53	0°♎		morning max el	-3058 Mar 16 j 18:11	4°♎59'12	26°15'41
morning set	-3059 Apr 29 j 23:20	5°♎07'11			-3058 Apr 04 j 00:04	0°♊	
asc. node	-3059 May 01 j 22:54	9°♎19'43		morning set	-3058 Apr 14 j 10:48	20°♊06'39	
				asc. node	-3058 Apr 18 j 19:56	29°♊29'52	
					-3058 Apr 19 j 01:27	0°♎	
superior conj	-3059 May 06 j 23:49	20°♎14'43	0°50'33				
minimum elong	-3059 May 06 j 21:47	20°♎03'40	0°50'12	superior conj	-3058 Apr 21 j 11:10	5°♎15'29	0°27'21
max. Earth dist.	-3059 May 08 j 08:18	23°♎10'33	1.33073 AU	minimum elong	-3058 Apr 21 j 09:59	5°♎09'01	0°27'06
	-3059 May 11 j 13:02	0°♊		max. Earth dist.	-3058 Apr 21 j 20:25	6°♎06'09	1.32630 AU
evening rise	-3059 May 14 j 06:03	5°♊36'55		evening rise	-3058 Apr 28 j 12:01	20°♎22'35	
	-3059 May 27 j 11:33	0°♎			-3058 May 03 j 07:02	0°♊	
desc. node	-3059 Jun 12 j 17:59	22°♎26'09			-3058 May 21 j 23:50	0°♎	
evening max el	-3059 Jun 15 j 17:25	25°♎28'52	27°22'05	evening max el	-3058 May 28 j 21:40	7°♎41'59	26°50'49
	-3059 Jun 21 j 07:26	0°♊		desc. node	-3058 May 30 j 15:04	9°♎16'13	
retrograde	-3059 Jun 29 j 13:07	2°♊50'57		retrograde	-3058 Jun 11 j 21:35	15°♎00'59	
evening set	-3059 Jul 06 j 16:31	0°♊21'34		evening set	-3058 Jun 18 j 15:45	13°♎00'42	
	-3059 Jul 07 j 04:38	30°♎♎		min. Earth dist.	-3058 Jun 22 j 11:10	10°♎19'08	0.60645 AU
min. Earth dist.	-3059 Jul 10 j 06:29	27°♎24'42	0.62606 AU	inferior conj	-3058 Jun 25 j 18:27	7°♎32'09	-4°23'27
inferior conj	-3059 Jul 13 j 04:16	24°♎36'47	-4°03'37	minimum elong	-3058 Jun 25 j 19:46	7°♎29'21	4°23'18
minimum elong	-3059 Jul 13 j 07:40	24°♎28'35	4°02'59	morning rise	-3058 Jul 03 j 01:36	2°♎46'50	
morning rise	-3059 Jul 19 j 24:00	19°♎30'05		direct	-3058 Jul 05 j 14:17	2°♎21'48	
direct	-3059 Jul 22 j 13:59	18°♎59'34		morning max el	-3058 Jul 12 j 18:48	5°♎52'55	18°07'27
asc. node	-3059 Jul 28 j 22:12	22°♎04'34		asc. node	-3058 Jul 15 j 19:18	9°♎18'21	
morning max el	-3059 Jul 29 j 06:22	22°♎24'12	17°55'37		-3058 Jul 28 j 03:27	0°♊	
	-3059 Aug 04 j 03:48	0°♊		morning set	-3058 Jul 28 j 18:23	1°♊09'33	
morning set	-3059 Aug 14 j 15:19	17°♊57'02					
	-3059 Aug 21 j 10:54	0°♎		superior conj	-3058 Aug 07 j 15:49	19°♊20'22	1°40'57
superior conj	-3059 Aug 25 j 23:42	7°♎47'26	1°20'51	minimum elong	-3058 Aug 07 j 18:58	19°♊34'24	1°40'52
minimum elong	-3059 Aug 26 j 05:03	8°♎10'03	1°20'23		-3058 Aug 13 j 18:36	0°♎	
max. Earth dist.	-3059 Sep 01 j 21:10	19°♎13'54	1.43139 AU	max. Earth dist.	-3058 Aug 15 j 05:47	2°♎28'46	1.41466 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-3058 Aug 20 j 18:26	11° $\Omega$ 34'52		max. Earth dist.	-3057 Jul 28 j 09:10	14° $\mathfrak{C}$ 59'39	1.39531 AU
desc. node	-3058 Aug 26 j 14:20	20° $\Omega$ 47'28		evening rise	-3057 Aug 01 j 12:24	22° $\mathfrak{C}$ 07'45	
	-3058 Sep 01 j 16:00	0° $\mathfrak{M}$			-3057 Aug 06 j 06:32	0° $\Omega$	
evening max el	-3058 Sep 23 j 04:53	28° $\mathfrak{M}$ 25'42	22°37'04	desc. node	-3057 Aug 13 j 11:21	11° $\Omega$ 17'16	
	-3058 Sep 24 j 20:08	0° $\mathfrak{L}$			-3057 Aug 26 j 15:16	0° $\mathfrak{M}$	
retrograde	-3058 Oct 02 j 23:00	4° $\mathfrak{L}$ 13'09		evening max el	-3057 Sep 05 j 17:31	11° $\mathfrak{M}$ 53'48	23°57'37
evening set	-3058 Oct 07 j 14:42	2° $\mathfrak{L}$ 19'25		retrograde	-3057 Sep 16 j 14:34	18° $\mathfrak{M}$ 18'18	
	-3058 Oct 09 j 21:43	30° $\mathfrak{R}$ $\mathfrak{M}$		evening set	-3057 Sep 21 j 20:39	16° $\mathfrak{M}$ 05'16	
asc. node	-3058 Oct 11 j 18:21	27° $\mathfrak{M}$ 37'28		min. Earth dist.	-3057 Sep 26 j 16:05	10° $\mathfrak{M}$ 28'37	0.67382 AU
inferior conj	-3058 Oct 12 j 22:20	26° $\mathfrak{M}$ 01'33	0°24'00	inferior conj	-3057 Sep 27 j 04:45	9° $\mathfrak{M}$ 45'37	-0°29'46
minimum elong	-3058 Oct 12 j 21:46	26° $\mathfrak{M}$ 03'29	0°23'46	minimum elong	-3057 Sep 27 j 05:27	9° $\mathfrak{M}$ 43'13	0°29'26
min. Earth dist.	-3058 Oct 12 j 19:57	26° $\mathfrak{M}$ 09'45	0.67474 AU	asc. node	-3057 Sep 28 j 15:28	7° $\mathfrak{M}$ 49'30	
morning rise	-3058 Oct 18 j 04:44	19° $\mathfrak{M}$ 48'47		morning rise	-3057 Oct 02 j 14:14	3° $\mathfrak{M}$ 37'31	
direct	-3058 Oct 22 j 16:32	17° $\mathfrak{M}$ 59'53		direct	-3057 Oct 06 j 12:42	2° $\mathfrak{M}$ 09'34	
morning max el	-3058 Oct 31 j 23:34	23° $\mathfrak{M}$ 30'32	22°07'05	morning max el	-3057 Oct 14 j 18:19	6° $\mathfrak{M}$ 58'52	20°48'27
	-3058 Nov 06 j 15:04	0° $\mathfrak{L}$			-3057 Oct 31 j 23:52	0° $\mathfrak{L}$	
desc. node	-3058 Nov 22 j 13:57	22° $\mathfrak{L}$ 23'58		desc. node	-3057 Nov 09 j 10:56	12° $\mathfrak{L}$ 48'03	
	-3058 Nov 27 j 13:38	0° $\mathfrak{M}$		morning set	-3057 Nov 12 j 22:20	18° $\mathfrak{L}$ 10'41	
morning set	-3058 Dec 03 j 18:40	9° $\mathfrak{M}$ 47'42			-3057 Nov 20 j 09:41	0° $\mathfrak{M}$	
max. Earth dist.	-3058 Dec 09 j 17:17	19° $\mathfrak{M}$ 32'51	1.41161 AU	max. Earth dist.	-3057 Nov 21 j 22:48	2° $\mathfrak{M}$ 29'53	1.42948 AU
	-3058 Dec 15 j 19:41	0° $\mathfrak{X}$					
superior conj	-3058 Dec 17 j 10:34	2° $\mathfrak{X}$ 51'20	-1°55'42	superior conj	-3057 Nov 28 j 14:11	13° $\mathfrak{M}$ 27'25	-1°43'03
minimum elong	-3058 Dec 17 j 09:12	2° $\mathfrak{X}$ 45'15	1°55'45	minimum elong	-3057 Nov 28 j 08:50	13° $\mathfrak{M}$ 04'56	1°42'44
evening rise	-3058 Dec 27 j 19:14	21° $\mathfrak{X}$ 47'49		evening rise	-3057 Dec 08 j 04:15	0° $\mathfrak{X}$	
	-3057 Jan 01 j 05:52	0° $\mathfrak{Z}$		asc. node	-3057 Dec 10 j 12:57	4° $\mathfrak{X}$ 11'01	
asc. node	-3057 Jan 07 j 17:29	11° $\mathfrak{Z}$ 00'12			-3057 Dec 25 j 14:33	28° $\mathfrak{X}$ 45'43	
evening max el	-3057 Jan 13 j 03:06	17° $\mathfrak{Z}$ 52'14	18°14'41	evening max el	-3057 Dec 26 j 15:56	0° $\mathfrak{Z}$	
retrograde	-3057 Jan 20 j 04:13	21° $\mathfrak{Z}$ 24'20		retrograde	-3057 Dec 27 j 14:24	0° $\mathfrak{Z}$ 59'22	18°08'08
evening set	-3057 Jan 22 j 18:31	20° $\mathfrak{Z}$ 56'30		evening set	-3056 Jan 03 j 05:12	4° $\mathfrak{Z}$ 26'54	
inferior conj	-3057 Jan 29 j 18:25	16° $\mathfrak{Z}$ 10'26	3°56'15		-3056 Jan 05 j 22:46	3° $\mathfrak{Z}$ 51'03	
minimum elong	-3057 Jan 29 j 19:44	16° $\mathfrak{Z}$ 07'32	3°56'04	inferior conj	-3056 Jan 11 j 03:36	30° $\mathfrak{R}$ $\mathfrak{X}$	
min. Earth dist.	-3057 Feb 02 j 01:55	13° $\mathfrak{Z}$ 16'36	0.60041 AU	minimum elong	-3056 Jan 12 j 10:21	28° $\mathfrak{X}$ 43'56	3°58'28
morning rise	-3057 Feb 05 j 19:11	10° $\mathfrak{Z}$ 33'36			-3056 Jan 12 j 09:16	28° $\mathfrak{X}$ 46'38	3°58'18
direct	-3057 Feb 12 j 10:32	8° $\mathfrak{Z}$ 32'15		min. Earth dist.	-3056 Jan 15 j 07:30	25° $\mathfrak{X}$ 50'45	0.62032 AU
desc. node	-3057 Feb 18 j 13:14	10° $\mathfrak{Z}$ 06'59		morning rise	-3056 Jan 18 j 18:42	22° $\mathfrak{X}$ 52'53	
morning max el	-3057 Feb 26 j 15:44	16° $\mathfrak{Z}$ 12'35	27°16'46	direct	-3056 Jan 25 j 19:21	20° $\mathfrak{X}$ 20'17	
	-3057 Mar 09 j 23:32	0° $\mathfrak{A}$		desc. node	-3056 Feb 05 j 10:18	25° $\mathfrak{X}$ 03'47	
	-3057 Mar 27 j 09:26	0° $\mathfrak{X}$		morning max el	-3056 Feb 08 j 19:27	28° $\mathfrak{X}$ 06'24	27°43'02
morning set	-3057 Mar 29 j 19:48	4° $\mathfrak{X}$ 57'43			-3056 Feb 10 j 15:46	0° $\mathfrak{Z}$	
				morning set	-3056 Mar 02 j 16:24	0° $\mathfrak{A}$	
superior conj	-3057 Apr 05 j 22:53	20° $\mathfrak{X}$ 15'41	0°02'37		-3056 Mar 13 j 00:12	19° $\mathfrak{A}$ 32'11	
minimum elong	-3057 Apr 05 j 22:46	20° $\mathfrak{X}$ 15'04	0°02'34	max. Earth dist.	-3056 Mar 18 j 00:06	0° $\mathfrak{X}$	
behind sun begin	-3057 Apr 05 j 17:49	19° $\mathfrak{X}$ 47'55			-3056 Mar 18 j 20:34	1° $\mathfrak{X}$ 50'02	1.32771 AU
behind sun end	-3057 Apr 06 j 03:44	20° $\mathfrak{X}$ 42'13		superior conj	-3056 Mar 20 j 09:16	5° $\mathfrak{X}$ 08'37	-0°22'52
max. Earth dist.	-3057 Apr 05 j 09:52	19° $\mathfrak{X}$ 04'25	1.32523 AU	minimum elong	-3056 Mar 20 j 10:19	5° $\mathfrak{X}$ 14'16	0°22'41
asc. node	-3057 Apr 05 j 16:57	19° $\mathfrak{X}$ 43'13		asc. node	-3056 Mar 22 j 13:57	9° $\mathfrak{X}$ 55'07	
	-3057 Apr 10 j 10:05	0° $\mathfrak{Y}$		evening rise	-3056 Mar 27 j 09:13	20° $\mathfrak{X}$ 15'01	
evening rise	-3057 Apr 12 j 21:45	5° $\mathfrak{Y}$ 17'56			-3056 Apr 01 j 04:05	0° $\mathfrak{Y}$	
	-3057 Apr 26 j 01:49	0° $\mathfrak{X}$			-3056 Apr 21 j 09:30	0° $\mathfrak{X}$	
evening max el	-3057 May 10 j 19:24	19° $\mathfrak{X}$ 11'50	25°48'36	evening max el	-3056 Apr 21 j 11:50	0° $\mathfrak{X}$ 05'37	24°23'42
desc. node	-3057 May 17 j 12:10	24° $\mathfrak{X}$ 19'09		desc. node	-3056 May 03 j 09:16	6° $\mathfrak{X}$ 57'14	
retrograde	-3057 May 24 j 21:14	26° $\mathfrak{X}$ 26'11		retrograde	-3056 May 05 j 09:53	7° $\mathfrak{X}$ 06'42	
evening set	-3057 May 30 j 17:41	25° $\mathfrak{X}$ 03'47		evening set	-3056 May 09 j 22:33	6° $\mathfrak{X}$ 20'34	
min. Earth dist.	-3057 Jun 04 j 07:45	22° $\mathfrak{X}$ 20'18	0.58600 AU	min. Earth dist.	-3056 May 15 j 23:38	3° $\mathfrak{X}$ 19'37	0.56777 AU
inferior conj	-3057 Jun 07 j 15:20	19° $\mathfrak{X}$ 55'09	-4°19'11	inferior conj	-3056 May 18 j 16:13	1° $\mathfrak{X}$ 36'48	-3°39'59
minimum elong	-3057 Jun 07 j 13:08	19° $\mathfrak{X}$ 59'11	4°18'57	minimum elong	-3056 May 18 j 10:37	1° $\mathfrak{X}$ 45'48	3°38'49
morning rise	-3057 Jun 15 j 11:14	15° $\mathfrak{X}$ 31'59			-3056 May 21 j 06:53	30° $\mathfrak{R}$ $\mathfrak{Y}$	
direct	-3057 Jun 17 j 23:32	15° $\mathfrak{X}$ 11'23		morning rise	-3056 May 27 j 01:47	27° $\mathfrak{Y}$ 32'01	
morning max el	-3057 Jun 26 j 01:56	19° $\mathfrak{X}$ 01'08	18°39'13	direct	-3056 May 29 j 13:58	27° $\mathfrak{Y}$ 14'55	
asc. node	-3057 Jul 02 j 16:23	27° $\mathfrak{X}$ 25'38			-3056 Jun 06 j 01:50	0° $\mathfrak{X}$	
	-3057 Jul 04 j 06:29	0° $\mathfrak{I}$		morning max el	-3056 Jun 08 j 00:51	1° $\mathfrak{X}$ 38'11	19°31'29
morning set	-3057 Jul 12 j 09:47	15° $\mathfrak{I}$ 00'03		asc. node	-3056 Jun 18 j 13:25	16° $\mathfrak{X}$ 13'02	
	-3057 Jul 20 j 04:22	0° $\mathfrak{C}$		morning set	-3056 Jun 25 j 09:53	29° $\mathfrak{X}$ 18'05	
					-3056 Jun 25 j 18:16	0° $\mathfrak{I}$	
superior conj	-3057 Jul 21 j 05:59	2° $\mathfrak{C}$ 00'47	1°48'33				
minimum elong	-3057 Jul 21 j 06:36	2° $\mathfrak{C}$ 03'37	1°48'39	superior conj	-3056 Jul 03 j 12:22	15° $\mathfrak{I}$ 31'03	1°46'24



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3056 Jul 03 j 11:05	15° $\Pi$ 24'44	1°46'26			-3055 Jun 17 j 10:40	0° $\Pi$	
max. Earth dist.	-3056 Jul 09 j 11:15	26° $\Pi$ 54'38	1.37593 AU		max. Earth dist.	-3055 Jun 21 j 18:51	8° $\Pi$ 41'39	1.35875 AU
	-3056 Jul 11 j 03:32	0° $\mathfrak{S}$			evening rise	-3055 Jun 25 j 23:47	16° $\Pi$ 44'49	
evening rise	-3056 Jul 13 j 07:39	3° $\mathfrak{S}$ 54'49				-3055 Jul 03 j 10:10	0° $\mathfrak{S}$	
	-3056 Jul 29 j 07:23	0° $\Omega$			desc. node	-3055 Jul 17 j 05:26	21° $\mathfrak{S}$ 26'32	
desc. node	-3056 Jul 30 j 08:24	1° $\Omega$ 32'36				-3055 Jul 23 j 15:47	0° $\Omega$	
evening max el	-3056 Aug 18 j 04:24	25° $\Omega$ 25'18	25°14'37		evening max el	-3055 Jul 31 j 15:36	8° $\Omega$ 58'02	26°20'02
	-3056 Aug 23 j 15:49	0° $\mathfrak{M}$			retrograde	-3055 Aug 13 j 08:41	16° $\Omega$ 10'17	
retrograde	-3056 Aug 30 j 02:04	2° $\mathfrak{M}$ 19'15			evening set	-3055 Aug 19 j 19:44	13° $\Omega$ 27'15	
evening set	-3056 Sep 04 j 23:02	29° $\Omega$ 48'52			min. Earth dist.	-3055 Aug 23 j 22:29	9° $\Omega$ 03'55	0.66226 AU
	-3056 Sep 04 j 17:48	30° $\mathfrak{R}$ $\Omega$			inferior conj	-3055 Aug 25 j 09:50	7° $\Omega$ 14'54	-2°15'35
min. Earth dist.	-3056 Sep 09 j 09:45	24° $\Omega$ 47'49	0.66972 AU		minimum elong	-3055 Aug 25 j 12:58	7° $\Omega$ 05'16	2°14'22
inferior conj	-3056 Sep 10 j 09:13	23° $\Omega$ 31'04	-1°23'33		morning rise	-3055 Aug 31 j 06:25	1° $\Omega$ 25'21	
minimum elong	-3056 Sep 10 j 11:12	23° $\Omega$ 24'35	1°22'41		asc. node	-3055 Sep 01 j 09:37	0° $\Omega$ 52'35	
asc. node	-3056 Sep 14 j 12:32	18° $\Omega$ 40'34			direct	-3055 Sep 03 j 08:50	0° $\Omega$ 30'26	
morning rise	-3056 Sep 15 j 23:27	17° $\Omega$ 30'38			morning max el	-3055 Sep 10 j 04:55	4° $\Omega$ 20'24	18°50'19
direct	-3056 Sep 19 j 10:43	16° $\Omega$ 20'53				-3055 Sep 27 j 23:59	0° $\mathfrak{M}$	
morning max el	-3056 Sep 26 j 20:23	20° $\Omega$ 36'13	19°41'55		morning set	-3055 Oct 01 j 13:55	5° $\mathfrak{M}$ 41'24	
	-3056 Oct 04 j 08:44	0° $\mathfrak{M}$			desc. node	-3055 Oct 13 j 04:55	24° $\mathfrak{M}$ 04'29	
morning set	-3056 Oct 21 j 21:11	26° $\mathfrak{M}$ 27'34				-3055 Oct 16 j 23:12	0° $\mathfrak{L}$	
	-3056 Oct 24 j 03:51	0° $\mathfrak{L}$			max. Earth dist.	-3055 Oct 17 j 04:12	0° $\mathfrak{L}$ 19'40	1.44843 AU
desc. node	-3056 Oct 26 j 07:56	3° $\mathfrak{L}$ 22'58						
max. Earth dist.	-3056 Nov 03 j 11:07	16° $\mathfrak{L}$ 10'53	1.44227 AU		superior conj	-3055 Oct 17 j 17:47	1° $\mathfrak{L}$ 13'12	-0°28'44
					minimum elong	-3055 Oct 17 j 14:02	0° $\mathfrak{L}$ 58'26	0°28'14
superior conj	-3056 Nov 07 j 14:28	22° $\mathfrak{L}$ 47'54	-1°13'21		evening rise	-3055 Nov 02 j 10:40	26° $\mathfrak{L}$ 11'30	
minimum elong	-3056 Nov 07 j 07:10	22° $\mathfrak{L}$ 18'31	1°12'36			-3055 Nov 04 j 19:24	0° $\mathfrak{M}$	
	-3056 Nov 12 j 01:04	0° $\mathfrak{M}$			evening max el	-3055 Nov 23 j 14:24	27° $\mathfrak{M}$ 42'51	18°50'53
evening rise	-3056 Nov 21 j 11:31	15° $\mathfrak{M}$ 41'40				-3055 Nov 26 j 04:55	0° $\mathfrak{J}$	
	-3056 Nov 29 j 23:59	0° $\mathfrak{J}$			asc. node	-3055 Nov 28 j 08:39	1° $\mathfrak{J}$ 10'25	
evening max el	-3056 Dec 10 j 03:03	14° $\mathfrak{J}$ 18'15	18°20'34		retrograde	-3055 Nov 30 j 09:34	1° $\mathfrak{J}$ 33'23	
asc. node	-3056 Dec 11 j 11:36	15° $\mathfrak{J}$ 34'17			evening set	-3055 Dec 03 j 12:48	0° $\mathfrak{J}$ 37'11	
retrograde	-3056 Dec 16 j 16:14	17° $\mathfrak{J}$ 52'24				-3055 Dec 04 j 10:55	30° $\mathfrak{R}$ $\mathfrak{M}$	
evening set	-3056 Dec 19 j 13:55	17° $\mathfrak{J}$ 07'15			inferior conj	-3055 Dec 09 j 07:36	24° $\mathfrak{M}$ 53'38	3°10'42
inferior conj	-3056 Dec 25 j 15:57	11° $\mathfrak{J}$ 40'47	3°41'16		minimum elong	-3055 Dec 09 j 04:31	25° $\mathfrak{M}$ 03'02	3°09'53
minimum elong	-3056 Dec 25 j 13:25	11° $\mathfrak{J}$ 47'54	3°40'47		min. Earth dist.	-3055 Dec 10 j 23:31	22° $\mathfrak{M}$ 51'30	0.65236 AU
min. Earth dist.	-3056 Dec 27 j 22:44	9° $\mathfrak{J}$ 07'17	0.63801 AU		morning rise	-3055 Dec 14 j 19:55	18° $\mathfrak{M}$ 46'05	
morning rise	-3056 Dec 31 j 12:18	5° $\mathfrak{J}$ 40'04			direct	-3055 Dec 21 j 11:17	15° $\mathfrak{M}$ 55'12	
direct	-3055 Jan 07 j 12:05	2° $\mathfrak{J}$ 50'45			morning max el	-3054 Jan 03 j 12:51	23° $\mathfrak{M}$ 30'47	26°50'51
morning max el	-3055 Jan 21 j 03:23	10° $\mathfrak{J}$ 36'16	27°33'00		desc. node	-3054 Jan 09 j 04:21	29° $\mathfrak{M}$ 46'22	
desc. node	-3055 Jan 22 j 07:20	11° $\mathfrak{J}$ 47'19				-3054 Jan 09 j 08:52	0° $\mathfrak{J}$	
	-3055 Feb 05 j 11:43	0° $\mathfrak{Z}$				-3054 Jan 29 j 19:15	0° $\mathfrak{Z}$	
	-3055 Feb 23 j 00:21	0° $\approx$			morning set	-3054 Feb 08 j 08:24	17° $\mathfrak{Z}$ 13'48	
morning set	-3055 Feb 24 j 21:32	3° $\approx$ 41'22			max. Earth dist.	-3054 Feb 12 j 18:28	25° $\mathfrak{Z}$ 54'22	1.34489 AU
max. Earth dist.	-3055 Mar 02 j 00:36	14° $\approx$ 09'45	1.33412 AU			-3054 Feb 14 j 18:51	0° $\approx$	
superior conj	-3055 Mar 04 j 16:34	19° $\approx$ 48'13	-0°48'06		superior conj	-3054 Feb 16 j 18:40	4° $\approx$ 06'52	-1°11'57
minimum elong	-3055 Mar 04 j 18:43	19° $\approx$ 59'40	0°47'45		minimum elong	-3054 Feb 16 j 21:40	4° $\approx$ 22'28	1°11'34
asc. node	-3055 Mar 09 j 10:58	0° $\mathfrak{H}$ 01'28			evening rise	-3054 Feb 24 j 06:18	19° $\approx$ 48'31	
	-3055 Mar 09 j 10:42	0° $\mathfrak{H}$			asc. node	-3054 Feb 24 j 07:59	19° $\approx$ 57'14	
evening rise	-3055 Mar 11 j 20:40	5° $\mathfrak{H}$ 07'30				-3054 Mar 01 j 08:18	0° $\mathfrak{H}$	
	-3055 Mar 25 j 09:56	0° $\mathfrak{Y}$			evening max el	-3054 Mar 16 j 02:29	21° $\mathfrak{H}$ 41'52	21°19'22
evening max el	-3055 Apr 03 j 04:09	10° $\mathfrak{Y}$ 46'54	22°49'27		retrograde	-3054 Mar 27 j 23:34	27° $\mathfrak{H}$ 24'36	
retrograde	-3055 Apr 16 j 09:32	17° $\mathfrak{Y}$ 16'59			evening set	-3054 Mar 30 j 10:29	27° $\mathfrak{H}$ 10'48	
evening set	-3055 Apr 19 j 15:01	16° $\mathfrak{Y}$ 54'11			desc. node	-3054 Apr 07 j 03:22	24° $\mathfrak{H}$ 04'55	
desc. node	-3055 Apr 20 j 06:19	16° $\mathfrak{Y}$ 44'32			inferior conj	-3054 Apr 08 j 17:51	23° $\mathfrak{H}$ 11'11	-0°26'55
min. Earth dist.	-3055 Apr 27 j 13:47	13° $\mathfrak{Y}$ 24'27	0.55529 AU		minimum elong	-3054 Apr 08 j 16:35	23° $\mathfrak{H}$ 12'58	0°26'29
inferior conj	-3055 Apr 28 j 22:23	12° $\mathfrak{Y}$ 37'29	-2°19'12		min. Earth dist.	-3054 Apr 09 j 03:30	22° $\mathfrak{H}$ 57'37	0.55124 AU
minimum elong	-3055 Apr 28 j 16:42	12° $\mathfrak{Y}$ 45'41	2°17'28		morning rise	-3054 Apr 17 j 22:42	19° $\mathfrak{H}$ 06'57	
morning rise	-3055 May 07 j 20:32	8° $\mathfrak{Y}$ 40'54			direct	-3054 Apr 20 j 22:52	18° $\mathfrak{H}$ 47'12	
direct	-3055 May 10 j 10:53	8° $\mathfrak{Y}$ 24'59			morning max el	-3054 May 03 j 14:49	24° $\mathfrak{H}$ 50'36	22°13'18
morning max el	-3055 May 21 j 13:17	13° $\mathfrak{Y}$ 35'33	20°43'48			-3054 May 08 j 07:48	0° $\mathfrak{Y}$	
	-3055 Jun 02 j 11:03	0° $\mathfrak{B}$			asc. node	-3054 May 23 j 07:29	25° $\mathfrak{Y}$ 11'21	
asc. node	-3055 Jun 05 j 10:27	5° $\mathfrak{B}$ 30'52			morning set	-3054 May 25 j 01:50	28° $\mathfrak{Y}$ 49'15	
morning set	-3055 Jun 09 j 15:57	13° $\mathfrak{B}$ 56'33				-3054 May 25 j 15:25	0° $\mathfrak{B}$	
superior conj	-3055 Jun 17 j 06:17	29° $\mathfrak{B}$ 37'37	1°36'53		superior conj	-3054 Jun 01 j 08:13	14° $\mathfrak{B}$ 10'06	1°21'53
minimum elong	-3055 Jun 17 j 03:57	29° $\mathfrak{B}$ 25'42	1°36'44		minimum elong	-3054 Jun 01 j 05:34	13° $\mathfrak{B}$ 56'11	1°21'36

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-3054 Jun 04 j 12:06	20° $\text{♄}$ 45'10	1.34492 AU	superior conj	-3053 May 16 j 15:26	28° $\text{♄}$ 59'20	1°02'53
evening rise	-3054 Jun 09 j 07:35	0° $\text{♄}$ 23'11		minimum elong	-3053 May 16 j 13:03	28° $\text{♄}$ 46'30	1°02'31
	-3054 Jun 09 j 02:49	0° $\text{♄}$			-3053 May 17 j 02:43	0° $\text{♄}$	
	-3054 Jun 26 j 10:55	0° $\text{♄}$		max. Earth dist.	-3053 May 18 j 14:46	3° $\text{♄}$ 12'41	1.33479 AU
desc. node	-3054 Jul 04 j 02:27	10° $\text{♄}$ 50'00		evening rise	-3053 May 24 j 02:33	14° $\text{♄}$ 35'56	
evening max el	-3054 Jul 14 j 03:14	22° $\text{♄}$ 24'12	27°05'49		-3053 Jun 01 j 05:27	0° $\text{♄}$	
retrograde	-3054 Jul 27 j 09:55	29° $\text{♄}$ 44'49		desc. node	-3053 Jun 20 j 23:29	29° $\text{♄}$ 29'40	
evening set	-3054 Aug 03 j 08:18	26° $\text{♄}$ 57'16			-3053 Jun 21 j 09:47	0° $\text{♄}$	
min. Earth dist.	-3054 Aug 07 j 03:55	23° $\text{♄}$ 11'51	0.65114 AU	evening max el	-3053 Jun 26 j 13:42	5° $\text{♄}$ 30'59	27°25'03
inferior conj	-3054 Aug 09 j 04:31	20° $\text{♄}$ 53'34	-3°03'40	retrograde	-3053 Jul 10 j 05:26	12° $\text{♄}$ 53'50	
minimum elong	-3054 Aug 09 j 08:24	20° $\text{♄}$ 42'30	3°02'25	evening set	-3053 Jul 17 j 09:33	10° $\text{♄}$ 13'25	
morning rise	-3054 Aug 15 j 08:59	15° $\text{♄}$ 18'19		min. Earth dist.	-3053 Jul 21 j 00:06	7° $\text{♄}$ 01'50	0.63623 AU
direct	-3054 Aug 18 j 04:53	14° $\text{♄}$ 35'01		inferior conj	-3053 Jul 23 j 14:39	4° $\text{♄}$ 21'06	-3°44'48
asc. node	-3054 Aug 19 j 06:42	14° $\text{♄}$ 41'16		minimum elong	-3053 Jul 23 j 18:33	4° $\text{♄}$ 11'03	3°43'52
morning max el	-3054 Aug 24 j 18:00	18° $\text{♄}$ 08'08	18°15'13		-3053 Jul 28 j 11:19	30° $\text{♄}$	
	-3054 Sep 02 j 11:49	0° $\text{♄}$		morning rise	-3053 Jul 30 j 04:26	29° $\text{♄}$ 03'25	
morning set	-3054 Sep 12 j 10:12	16° $\text{♄}$ 16'24		direct	-3053 Aug 01 j 20:01	28° $\text{♄}$ 28'55	
	-3054 Sep 20 j 19:13	0° $\text{♄}$		asc. node	-3053 Aug 06 j 03:48	0° $\text{♄}$ 00'56	
					-3053 Aug 06 j 03:15	0° $\text{♄}$	
superior conj	-3054 Sep 26 j 19:46	9° $\text{♄}$ 39'49	0°20'47	morning max el	-3053 Aug 08 j 09:04	1° $\text{♄}$ 53'55	17°57'33
minimum elong	-3054 Sep 26 j 22:20	9° $\text{♄}$ 50'02	0°20'28	morning set	-3053 Aug 25 j 08:01	28° $\text{♄}$ 04'00	
max. Earth dist.	-3054 Sep 29 j 22:51	14° $\text{♄}$ 37'27	1.44723 AU		-3053 Aug 26 j 10:46	0° $\text{♄}$	
desc. node	-3054 Sep 30 j 01:55	14° $\text{♄}$ 49'33					
	-3054 Oct 09 j 18:08	0° $\text{♄}$		superior conj	-3053 Sep 06 j 17:12	19° $\text{♄}$ 05'49	1°02'47
evening rise	-3054 Oct 13 j 09:40	5° $\text{♄}$ 41'07		minimum elong	-3053 Sep 06 j 22:47	19° $\text{♄}$ 28'48	1°02'12
greatest brilliancy	-3054 Oct 25 j 08:14	24° $\text{♄}$ 07'41	-0.7m	max. Earth dist.	-3053 Sep 12 j 15:15	28° $\text{♄}$ 42'54	1.43893 AU
	-3054 Oct 29 j 06:51	0° $\text{♄}$			-3053 Sep 13 j 10:32	0° $\text{♄}$	
evening max el	-3054 Nov 06 j 22:07	11° $\text{♄}$ 09'50	19°37'42	desc. node	-3053 Sep 16 j 22:54	5° $\text{♄}$ 34'31	
retrograde	-3054 Nov 14 j 06:09	15° $\text{♄}$ 25'30		evening rise	-3053 Sep 22 j 16:10	14° $\text{♄}$ 29'42	
asc. node	-3054 Nov 15 j 05:43	15° $\text{♄}$ 19'57			-3053 Oct 02 j 20:40	0° $\text{♄}$	
evening set	-3054 Nov 17 j 16:51	14° $\text{♄}$ 16'05		evening max el	-3053 Oct 21 j 00:25	24° $\text{♄}$ 36'20	20°39'06
inferior conj	-3054 Nov 23 j 06:22	8° $\text{♄}$ 18'26	2°30'58	retrograde	-3053 Oct 29 j 03:35	29° $\text{♄}$ 24'39	
minimum elong	-3054 Nov 23 j 03:29	8° $\text{♄}$ 27'53	2°29'58	evening set	-3053 Nov 01 j 23:49	27° $\text{♄}$ 59'44	
min. Earth dist.	-3054 Nov 24 j 08:41	6° $\text{♄}$ 52'36	0.66299 AU	asc. node	-3053 Nov 02 j 02:48	27° $\text{♄}$ 54'07	
morning rise	-3054 Nov 28 j 13:54	2° $\text{♄}$ 06'09		inferior conj	-3053 Nov 07 j 09:48	21° $\text{♄}$ 51'21	1°44'50
	-3054 Dec 01 j 19:15	30° $\text{♄}$		minimum elong	-3053 Nov 07 j 07:34	21° $\text{♄}$ 58'55	1°43'56
direct	-3054 Dec 04 j 16:12	29° $\text{♄}$ 25'38		min. Earth dist.	-3053 Nov 08 j 00:08	21° $\text{♄}$ 02'40	0.67003 AU
	-3054 Dec 07 j 17:46	0° $\text{♄}$		morning rise	-3053 Nov 12 j 15:09	15° $\text{♄}$ 36'40	
morning max el	-3054 Dec 16 j 22:06	6° $\text{♄}$ 39'35	25°44'14	direct	-3053 Nov 18 j 02:25	13° $\text{♄}$ 13'54	
desc. node	-3054 Dec 27 j 01:25	18° $\text{♄}$ 39'09		morning max el	-3053 Nov 29 j 06:50	19° $\text{♄}$ 54'01	24°22'40
	-3053 Jan 04 j 02:29	0° $\text{♄}$			-3053 Dec 07 j 22:04	0° $\text{♄}$	
morning set	-3053 Jan 22 j 04:24	29° $\text{♄}$ 56'46		desc. node	-3053 Dec 13 j 22:28	8° $\text{♄}$ 09'45	
	-3053 Jan 22 j 05:07	0° $\text{♄}$			-3053 Dec 28 j 06:48	0° $\text{♄}$	
max. Earth dist.	-3053 Jan 26 j 00:51	7° $\text{♄}$ 09'07	1.36014 AU	morning set	-3052 Jan 04 j 03:51	11° $\text{♄}$ 34'53	
				max. Earth dist.	-3052 Jan 07 j 22:27	18° $\text{♄}$ 16'31	1.37908 AU
					-3052 Jan 14 j 05:38	0° $\text{♄}$	
superior conj	-3053 Jan 31 j 13:00	17° $\text{♄}$ 57'12	-1°32'50				
minimum elong	-3053 Jan 31 j 16:19	18° $\text{♄}$ 13'48	1°32'33				
	-3053 Feb 06 j 10:49	0° $\text{♄}$		superior conj	-3052 Jan 14 j 20:13	1° $\text{♄}$ 30'00	-1°48'36
evening rise	-3053 Feb 08 j 12:11	4° $\text{♄}$ 12'14		minimum elong	-3052 Jan 14 j 22:52	1° $\text{♄}$ 22'45	1°48'32
asc. node	-3053 Feb 11 j 04:59	9° $\text{♄}$ 37'36		evening rise	-3052 Jan 23 j 12:05	18° $\text{♄}$ 12'25	
	-3053 Feb 23 j 13:05	0° $\text{♄}$		asc. node	-3052 Jan 29 j 02:01	28° $\text{♄}$ 56'58	
evening max el	-3053 Feb 26 j 10:49	3° $\text{♄}$ 08'44	20°03'02		-3052 Jan 29 j 15:49	0° $\text{♄}$	
retrograde	-3053 Mar 08 j 15:36	7° $\text{♄}$ 59'59		evening max el	-3052 Feb 09 j 05:46	15° $\text{♄}$ 12'46	19°05'15
evening set	-3053 Mar 10 j 21:45	7° $\text{♄}$ 46'46		retrograde	-3052 Feb 17 j 21:14	19° $\text{♄}$ 21'13	
inferior conj	-3053 Mar 19 j 16:37	3° $\text{♄}$ 46'36	1°27'01	evening set	-3052 Feb 20 j 05:43	19° $\text{♄}$ 04'07	
minimum elong	-3053 Mar 19 j 20:12	3° $\text{♄}$ 41'10	1°25'50	inferior conj	-3052 Feb 28 j 07:03	14° $\text{♄}$ 50'36	2°53'36
min. Earth dist.	-3053 Mar 21 j 17:30	2° $\text{♄}$ 32'43	0.55657 AU	minimum elong	-3052 Feb 28 j 11:51	14° $\text{♄}$ 42'15	2°52'23
desc. node	-3053 Mar 25 j 00:27	0° $\text{♄}$ 43'59		min. Earth dist.	-3052 Mar 02 j 09:01	12° $\text{♄}$ 43'02	0.57005 AU
	-3053 Mar 26 j 15:32	30° $\text{♄}$		morning rise	-3052 Mar 07 j 15:12	9° $\text{♄}$ 50'19	
morning rise	-3053 Mar 28 j 16:39	29° $\text{♄}$ 17'38		desc. node	-3052 Mar 10 j 21:33	8° $\text{♄}$ 57'03	
direct	-3053 Apr 01 j 14:10	28° $\text{♄}$ 44'17		direct	-3052 Mar 12 j 17:46	8° $\text{♄}$ 48'57	
	-3053 Apr 07 j 09:28	0° $\text{♄}$		morning max el	-3052 Mar 26 j 23:22	16° $\text{♄}$ 08'51	25°28'08
morning max el	-3053 Apr 15 j 08:18	5° $\text{♄}$ 33'35	23°52'24		-3052 Apr 07 j 04:15	0° $\text{♄}$	
	-3053 May 02 j 14:25	0° $\text{♄}$		morning set	-3052 Apr 23 j 01:46	28° $\text{♄}$ 51'27	
morning set	-3053 May 09 j 13:40	13° $\text{♄}$ 49'29			-3052 Apr 23 j 14:47	0° $\text{♄}$	
asc. node	-3053 May 10 j 04:30	15° $\text{♄}$ 07'31		asc. node	-3052 Apr 26 j 01:32	5° $\text{♄}$ 14'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3052 Apr 30 j 01:51	13°♄58'19	0°40'57	superior conj	-3051 Apr 14 j 13:33	28°♄59'32	0°17'00
minimum elong	-3052 Apr 30 j 00:08	13°♄49'00	0°40'39	minimum elong	-3051 Apr 14 j 12:48	28°♄55'25	0°16'50
max. Earth dist.	-3052 May 01 j 00:18	16°♄00'33	1.32833 AU	max. Earth dist.	-3051 Apr 14 j 13:12	28°♄57'37	1.32538 AU
evening rise	-3052 May 07 j 05:19	29°♄12'35			-3051 Apr 15 j 00:35	0°♄	
	-3052 May 07 j 14:34	0°♄		evening rise	-3051 Apr 21 j 13:08	14°♄03'01	
	-3052 May 24 j 09:43	0°♄			-3051 Apr 29 j 16:09	0°♄	
desc. node	-3052 Jun 06 j 20:31	17°♄06'58			-3051 May 20 j 22:00	0°♄	
evening max el	-3052 Jun 07 j 20:44	18°♄06'15	27°12'48	evening max el	-3051 May 20 j 22:16	0°♄00'38	26°27'51
retrograde	-3052 Jun 21 j 18:35	25°♄28'02		desc. node	-3051 May 24 j 17:36	3°♄15'21	
evening set	-3052 Jun 28 j 19:34	23°♄09'06		retrograde	-3051 Jun 03 j 23:53	7°♄18'36	
min. Earth dist.	-3052 Jul 02 j 10:24	20°♄20'56	0.61795 AU	evening set	-3051 Jun 10 j 10:02	5°♄34'04	
inferior conj	-3052 Jul 05 j 13:07	17°♄30'41	-4°14'22	min. Earth dist.	-3051 Jun 14 j 11:32	2°♄53'30	0.59763 AU
minimum elong	-3052 Jul 05 j 15:50	17°♄24'28	4°13'58	inferior conj	-3051 Jun 17 j 20:19	0°♄13'04	-4°25'17
morning rise	-3052 Jul 12 j 13:35	12°♄33'11		minimum elong	-3051 Jun 17 j 20:17	0°♄13'09	4°25'12
direct	-3052 Jul 15 j 02:46	12°♄05'18			-3051 Jun 18 j 02:52	30°♄	
morning max el	-3052 Jul 21 j 23:20	15°♄31'21	17°58'18	morning rise	-3051 Jun 25 j 08:44	25°♄37'11	
asc. node	-3052 Jul 23 j 00:54	16°♄37'42		direct	-3051 Jun 27 j 21:02	25°♄14'15	
	-3052 Aug 01 j 01:10	0°♄		morning max el	-3051 Jul 05 j 09:51	28°♄52'09	18°18'29
morning set	-3052 Aug 07 j 01:58	10°♄49'29			-3051 Jul 06 j 12:32	0°♄	
				asc. node	-3051 Jul 09 j 21:58	4°♄15'35	
superior conj	-3052 Aug 17 j 18:15	29°♄53'58	1°31'03	morning set	-3051 Jul 21 j 10:47	24°♄19'12	
minimum elong	-3052 Aug 17 j 22:49	0°♄13'45	1°30'45		-3051 Jul 24 j 10:35	0°♄	
	-3052 Aug 17 j 19:39	0°♄		superior conj	-3051 Jul 30 j 20:26	11°♄57'17	1°45'32
max. Earth dist.	-3052 Aug 25 j 02:30	12°♄17'55	1.42474 AU	minimum elong	-3051 Jul 30 j 22:28	12°♄06'31	1°45'34
evening rise	-3052 Sep 01 j 00:09	23°♄24'55		max. Earth dist.	-3051 Aug 07 j 08:12	25°♄12'21	1.40657 AU
desc. node	-3052 Sep 02 j 19:53	26°♄16'26			-3051 Aug 10 j 04:13	0°♄	
	-3052 Sep 05 j 05:33	0°♄		evening rise	-3051 Aug 12 j 03:21	3°♄15'21	
	-3052 Sep 26 j 00:33	0°♄		desc. node	-3051 Aug 20 j 16:53	16°♄51'51	
evening max el	-3052 Oct 02 j 20:35	8°♄02'12	21°51'53		-3051 Aug 29 j 13:11	0°♄	
retrograde	-3052 Oct 11 j 23:48	13°♄28'00		evening max el	-3051 Sep 15 j 11:32	21°♄29'36	23°11'23
evening set	-3052 Oct 16 j 07:45	11°♄45'23		retrograde	-3051 Sep 25 j 17:20	27°♄33'24	
asc. node	-3052 Oct 18 j 23:56	9°♄01'29		evening set	-3051 Sep 30 j 14:54	25°♄31'41	
inferior conj	-3052 Oct 21 j 15:48	5°♄29'55	0°54'22	inferior conj	-3051 Oct 05 j 22:34	19°♄12'43	0°01'19
minimum elong	-3052 Oct 21 j 14:34	5°♄34'11	0°53'49	minimum elong	-3051 Oct 05 j 22:32	19°♄12'50	0°01'20
min. Earth dist.	-3052 Oct 21 j 19:24	5°♄17'31	0.67388 AU	transit middle	-3051 Oct 05 j 22:32	19°♄12'50	0°01'20
	-3052 Oct 26 j 01:49	30°♄		transit begin	-3051 Oct 05 j 19:50	19°♄22'06	
morning rise	-3052 Oct 26 j 21:14	29°♄15'25		transit end	-3051 Oct 06 j 01:13	19°♄03'34	
direct	-3052 Oct 31 j 17:19	27°♄13'52		min. Earth dist.	-3051 Oct 05 j 15:55	19°♄35'33	0.67470 AU
	-3052 Nov 07 j 04:10	0°♄		asc. node	-3051 Oct 05 j 21:02	19°♄17'59	
morning max el	-3052 Nov 10 j 16:52	3°♄10'55	22°55'47	morning rise	-3051 Oct 11 j 06:02	13°♄01'22	
desc. node	-3052 Nov 29 j 19:28	28°♄06'46		direct	-3051 Oct 15 j 12:01	11°♄21'24	
	-3052 Dec 01 j 02:02	0°♄		morning max el	-3051 Oct 24 j 07:34	16°♄33'48	21°32'20
morning set	-3052 Dec 15 j 00:31	21°♄51'49			-3051 Nov 04 j 02:41	0°♄	
	-3052 Dec 19 j 20:26	0°♄		desc. node	-3051 Nov 16 j 16:28	18°♄22'53	
max. Earth dist.	-3052 Dec 19 j 18:03	29°♄49'48	1.39988 AU		-3051 Nov 24 j 04:38	0°♄	
				morning set	-3051 Nov 24 j 16:40	0°♄47'30	
superior conj	-3052 Dec 27 j 11:44	13°♄32'36	-1°56'20	max. Earth dist.	-3051 Dec 01 j 19:13	12°♄16'02	1.41972 AU
minimum elong	-3052 Dec 27 j 12:18	13°♄35'11	1°56'26				
	-3051 Jan 05 j 05:58	0°♄		superior conj	-3051 Dec 09 j 06:07	24°♄51'56	-1°52'18
evening rise	-3051 Jan 06 j 03:06	1°♄40'49		minimum elong	-3051 Dec 09 j 03:04	24°♄38'43	1°52'15
asc. node	-3051 Jan 14 j 23:04	17°♄47'25			-3051 Dec 12 j 04:35	0°♄	
evening max el	-3051 Jan 22 j 09:21	27°♄47'53	18°27'25	evening rise	-3051 Dec 20 j 05:46	14°♄30'14	
	-3051 Jan 25 j 03:30	0°♄			-3051 Dec 28 j 22:57	0°♄	
retrograde	-3051 Jan 29 j 21:09	1°♄28'30		asc. node	-3050 Jan 01 j 20:08	5°♄59'54	
evening set	-3051 Feb 01 j 09:28	1°♄04'59		evening max el	-3050 Jan 05 j 18:45	10°♄46'01	18°09'32
	-3051 Feb 03 j 21:01	30°♄		retrograde	-3050 Jan 12 j 14:06	14°♄14'11	
inferior conj	-3051 Feb 08 j 17:54	26°♄31'42	3°43'01	evening set	-3050 Jan 15 j 05:52	13°♄42'58	
minimum elong	-3051 Feb 08 j 20:47	26°♄25'52	3°42'33	inferior conj	-3050 Jan 22 j 00:11	8°♄47'57	3°59'58
min. Earth dist.	-3051 Feb 12 j 03:39	23°♄47'45	0.58875 AU	minimum elong	-3050 Jan 22 j 00:23	8°♄47'27	3°59'52
morning rise	-3051 Feb 16 j 05:49	21°♄05'56		min. Earth dist.	-3050 Jan 25 j 04:11	5°♄51'41	0.60913 AU
direct	-3051 Feb 22 j 10:44	19°♄26'08		morning rise	-3050 Jan 28 j 17:29	3°♄04'40	
desc. node	-3051 Feb 25 j 18:39	19°♄54'08		direct	-3050 Feb 04 j 14:25	0°♄48'22	
morning max el	-3051 Mar 08 j 17:23	27°♄01'50	26°45'28	desc. node	-3050 Feb 12 j 15:45	3°♄32'53	
	-3051 Mar 11 j 13:48	0°♄		morning max el	-3050 Feb 18 j 17:24	8°♄31'15	27°32'18
	-3051 Mar 31 j 13:22	0°♄			-3050 Mar 07 j 04:44	0°♄	
morning set	-3051 Apr 07 j 12:23	13°♄47'48		morning set	-3050 Mar 22 j 19:39	28°♄32'08	
asc. node	-3051 Apr 12 j 22:33	25°♄26'04					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3050 Mar 23 j 12:38	0°♄				-3049 Feb 28 j 04:03	0°♄	
max. Earth dist.	-3050 Mar 29 j 01:53	11°♄51'34	1.32589 AU	morning set		-3049 Mar 06 j 21:24	12°♄56'48	
				max. Earth dist.		-3049 Mar 12 j 10:25	24°♄28'26	1.32999 AU
superior conj	-3050 Mar 30 j 00:53	13°♄57'00	-0°08'10					
minimum elong	-3050 Mar 30 j 01:16	13°♄59'02	0°08'08	superior conj		-3049 Mar 14 j 10:11	28°♄44'51	-0°33'40
behind sun begin	-3050 Mar 29 j 20:54	13°♄35'13		minimum elong		-3049 Mar 14 j 11:42	28°♄53'06	0°33'24
behind sun end	-3050 Mar 30 j 05:37	14°♄22'51				-3049 Mar 15 j 00:06	0°♄	
asc. node	-3050 Mar 30 j 19:33	15°♄38'57		asc. node		-3049 Mar 17 j 16:33	5°♄48'56	
evening rise	-3050 Apr 05 j 23:49	28°♄59'43		evening rise		-3049 Mar 21 j 11:31	13°♄55'47	
	-3050 Apr 06 j 11:18	0°♄				-3049 Mar 29 j 15:18	0°♄	
	-3050 Apr 23 j 08:20	0°♄		evening max el		-3049 Apr 14 j 09:11	21°♄58'32	23°43'49
evening max el	-3050 May 02 j 17:34	11°♄13'28	25°14'33	retrograde		-3049 Apr 28 j 01:33	28°♄48'30	
desc. node	-3050 May 11 j 14:41	17°♄20'43		desc. node		-3049 Apr 28 j 11:45	28°♄48'06	
retrograde	-3050 May 16 j 18:47	18°♄22'53		evening set		-3049 May 02 j 00:26	28°♄14'01	
evening set	-3050 May 22 j 02:24	17°♄17'11		min. Earth dist.		-3049 May 08 j 20:17	25°♄02'30	0.56159 AU
min. Earth dist.	-3050 May 27 j 05:44	14°♄27'45	0.57778 AU	inferior conj		-3049 May 11 j 01:17	23°♄42'22	-3°10'42
inferior conj	-3050 May 30 j 08:50	12°♄18'48	-4°07'28	minimum elong		-3049 May 10 j 19:03	23°♄51'51	3°09'08
minimum elong	-3050 May 30 j 05:00	12°♄25'27	4°06'55	morning rise		-3049 May 19 j 16:34	19°♄42'59	
morning rise	-3050 Jun 07 j 10:26	8°♄03'49		direct		-3049 May 22 j 05:25	19°♄26'39	
direct	-3050 Jun 09 j 22:42	7°♄44'45		morning max el		-3049 Jun 01 j 08:16	24°♄08'03	19°59'57
morning max el	-3050 Jun 18 j 13:39	11°♄47'07	18°58'57			-3049 Jun 06 j 10:40	0°♄	
asc. node	-3050 Jun 26 j 19:00	22°♄40'47		asc. node		-3049 Jun 13 j 16:02	11°♄42'18	
	-3050 Jun 30 j 22:02	0°♄		morning set		-3049 Jun 19 j 09:12	22°♄49'59	
morning set	-3050 Jul 05 j 06:14	8°♄22'00				-3049 Jun 22 j 21:42	0°♄	
superior conj	-3050 Jul 13 j 18:04	24°♄59'51	1°48'41	superior conj		-3049 Jun 27 j 05:53	8°♄47'20	1°43'08
minimum elong	-3050 Jul 13 j 17:46	24°♄58'24	1°48'47	minimum elong		-3049 Jun 27 j 04:03	8°♄38'11	1°43'07
	-3050 Jul 16 j 09:25	0°♄		max. Earth dist.		-3049 Jul 02 j 14:42	19°♄16'18	1.36824 AU
max. Earth dist.	-3050 Jul 20 j 10:38	7°♄26'30	1.38691 AU	evening rise		-3049 Jul 06 j 13:09	26°♄35'32	
evening rise	-3050 Jul 24 j 08:21	14°♄20'03				-3049 Jul 08 j 10:37	0°♄	
	-3050 Aug 02 j 20:20	0°♄		desc. node		-3049 Jul 25 j 10:54	27°♄23'10	
desc. node	-3050 Aug 07 j 13:53	7°♄15'55				-3049 Jul 27 j 06:50	0°♄	
	-3050 Aug 24 j 08:53	0°♄		evening max el		-3049 Aug 11 j 10:05	18°♄31'49	25°44'18
evening max el	-3050 Aug 28 j 23:15	4°♄59'30	24°31'23	retrograde		-3049 Aug 23 j 16:25	25°♄34'37	
retrograde	-3050 Sep 09 j 07:03	11°♄37'00		evening set		-3049 Aug 29 j 19:45	22°♄57'48	
evening set	-3050 Sep 14 j 19:31	9°♄16'19		min. Earth dist.		-3049 Sep 03 j 02:56	18°♄12'57	0.66701 AU
min. Earth dist.	-3050 Sep 19 j 11:13	3°♄54'36	0.67248 AU	inferior conj		-3049 Sep 04 j 07:22	16°♄42'04	-1°45'58
inferior conj	-3050 Sep 20 j 04:20	2°♄57'20	-0°52'41	minimum elong		-3049 Sep 04 j 09:52	16°♄34'05	1°44'55
minimum elong	-3050 Sep 20 j 05:35	2°♄53'08	0°52'06	asc. node		-3049 Sep 09 j 15:11	11°♄01'08	
	-3050 Sep 22 j 11:14	30°♄		morning rise		-3049 Sep 10 j 00:09	10°♄46'09	
asc. node	-3050 Sep 22 j 18:07	29°♄39'32		direct		-3049 Sep 13 j 07:23	9°♄43'09	
morning rise	-3050 Sep 25 j 15:38	26°♄52'10		morning max el		-3049 Sep 20 j 10:24	13°♄46'17	19°18'07
direct	-3050 Sep 29 j 09:11	25°♄32'09				-3049 Oct 02 j 11:24	0°♄	
morning max el	-3050 Oct 07 j 05:20	0°♄05'30	20°18'31	morning set		-3049 Oct 13 j 19:30	17°♄34'17	
	-3050 Oct 07 j 03:10	0°♄		desc. node		-3049 Oct 21 j 10:26	29°♄30'02	
	-3050 Oct 28 j 18:58	0°♄				-3049 Oct 21 j 18:05	0°♄	
morning set	-3050 Nov 03 j 15:14	8°♄58'55		max. Earth dist.		-3049 Oct 27 j 19:22	9°♄31'38	1.44578 AU
desc. node	-3050 Nov 03 j 13:27	8°♄52'00						
max. Earth dist.	-3050 Nov 14 j 04:19	25°♄35'27	1.43573 AU	superior conj		-3049 Oct 30 j 11:47	13°♄46'55	-0°55'49
	-3050 Nov 16 j 21:52	0°♄		minimum elong		-3049 Oct 30 j 05:17	13°♄21'03	0°55'03
						-3049 Nov 09 j 13:30	0°♄	
superior conj	-3050 Nov 19 j 22:08	4°♄55'27	-1°32'35	evening rise		-3049 Nov 14 j 04:54	7°♄37'38	
minimum elong	-3050 Nov 19 j 15:26	4°♄27'53	1°32'03			-3049 Nov 28 j 01:37	0°♄	
evening rise	-3050 Dec 02 j 15:51	26°♄31'58		evening max el		-3049 Dec 03 j 19:16	7°♄19'59	18°31'16
	-3050 Dec 04 j 15:44	0°♄		asc. node		-3049 Dec 06 j 14:13	9°♄42'14	
asc. node	-3050 Dec 19 j 17:10	23°♄22'43		retrograde		-3049 Dec 10 j 10:12	11°♄00'19	
evening max el	-3050 Dec 20 j 06:57	23°♄58'41	18°11'05	evening set		-3049 Dec 13 j 10:00	10°♄10'42	
retrograde	-3050 Dec 26 j 19:54	27°♄27'33		inferior conj		-3049 Dec 19 j 08:40	4°♄36'20	3°29'39
evening set	-3050 Dec 29 j 15:12	26°♄47'46		minimum elong		-3049 Dec 19 j 05:48	4°♄44'42	3°29'01
inferior conj	-3049 Jan 04 j 22:22	21°♄31'53	3°53'05	min. Earth dist.		-3049 Dec 21 j 08:57	2°♄15'18	0.64454 AU
minimum elong	-3049 Jan 04 j 20:33	21°♄36'41	3°52'49			-3049 Dec 23 j 11:03	30°♄	
min. Earth dist.	-3049 Jan 07 j 13:31	18°♄45'33	0.62828 AU	morning rise		-3049 Dec 25 j 01:09	28°♄32'12	
morning rise	-3049 Jan 11 j 01:07	15°♄36'27		direct		-3049 Dec 31 j 21:53	25°♄40'45	
direct	-3049 Jan 18 j 02:31	12°♄55'11				-3048 Jan 10 j 14:06	0°♄	
desc. node	-3049 Jan 30 j 12:48	19°♄19'04		morning max el		-3048 Jan 14 j 08:20	3°♄23'32	27°18'41
morning max el	-3049 Jan 31 j 23:11	20°♄40'58	27°43'05	desc. node		-3048 Jan 17 j 09:50	6°♄37'55	
	-3049 Feb 09 j 01:35	0°♄				-3048 Feb 03 j 10:36	0°♄	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3048 Feb 18 j 14:46	26° $\text{Z}$ 51'57		desc. node	-3047 Jan 03 j 06:53	25° $\text{M}$ 02'31	
	-3048 Feb 20 j 04:53	0° $\approx$			-3047 Jan 07 j 01:39	0° $\text{X}$	
max. Earth dist.	-3048 Feb 23 j 10:44	6° $\approx$ 34'54	1.33815 AU		-3047 Jan 26 j 06:47	0° $\text{Z}$	
				morning set	-3047 Jan 31 j 20:02	10° $\text{Z}$ 06'04	
superior conj	-3048 Feb 26 j 15:32	13° $\approx$ 16'12	-0°58'29	max. Earth dist.	-3047 Feb 04 j 23:38	18° $\text{Z}$ 05'22	1.35079 AU
minimum elong	-3048 Feb 26 j 18:06	13° $\approx$ 29'42	0°58'06				
asc. node	-3048 Mar 03 j 13:33	25° $\approx$ 51'13		superior conj	-3047 Feb 09 j 14:45	27° $\text{Z}$ 24'24	-1°21'17
evening rise	-3048 Mar 04 j 22:26	28° $\approx$ 44'10		minimum elong	-3047 Feb 09 j 17:58	27° $\text{Z}$ 40'54	1°20'55
	-3048 Mar 05 j 12:59	0° $\text{X}$			-3047 Feb 10 j 20:58	0° $\approx$	
	-3048 Mar 23 j 13:13	0° $\text{Y}$		evening rise	-3047 Feb 17 j 06:47	13° $\approx$ 18'57	
evening max el	-3048 Mar 26 j 03:11	2° $\text{Y}$ 41'58	22°09'52	asc. node	-3047 Feb 18 j 10:35	15° $\approx$ 41'22	
retrograde	-3048 Apr 07 j 20:44	8° $\text{Y}$ 54'13			-3047 Feb 25 j 23:33	0° $\text{X}$	
evening set	-3048 Apr 10 j 16:21	8° $\text{Y}$ 36'39		evening max el	-3047 Mar 08 j 05:36	13° $\text{X}$ 49'52	20°44'53
desc. node	-3048 Apr 14 j 08:49	7° $\text{Y}$ 25'49		retrograde	-3047 Mar 19 j 10:13	19° $\text{X}$ 10'24	
min. Earth dist.	-3048 Apr 19 j 10:04	4° $\text{Y}$ 50'26	0.55238 AU	evening set	-3047 Mar 21 j 17:26	18° $\text{X}$ 57'45	
inferior conj	-3048 Apr 20 j 01:28	4° $\text{Y}$ 28'40	-1°33'58	inferior conj	-3047 Mar 30 j 20:40	15° $\text{X}$ 00'06	0°23'10
minimum elong	-3048 Apr 19 j 21:15	4° $\text{Y}$ 34'38	1°32'34	minimum elong	-3047 Mar 30 j 21:43	14° $\text{X}$ 58'34	0°22'47
morning rise	-3048 Apr 29 j 03:38	0° $\text{Y}$ 31'25		min. Earth dist.	-3047 Apr 01 j 00:16	14° $\text{X}$ 20'24	0.55238 AU
direct	-3048 May 01 j 20:38	0° $\text{Y}$ 14'52		desc. node	-3047 Apr 01 j 05:53	14° $\text{X}$ 12'22	
morning max el	-3048 May 13 j 16:07	5° $\text{Y}$ 47'44	21°20'10	morning rise	-3047 Apr 09 j 00:58	10° $\text{X}$ 46'32	
	-3048 May 29 j 22:42	0° $\text{Z}$		direct	-3047 Apr 12 j 08:37	10° $\text{X}$ 22'33	
asc. node	-3048 May 30 j 13:03	1° $\text{Z}$ 10'27		morning max el	-3047 Apr 25 j 13:51	16° $\text{X}$ 47'48	22°54'48
morning set	-3048 Jun 02 j 17:08	7° $\text{Z}$ 35'13			-3047 May 06 j 01:13	0° $\text{Y}$	
				asc. node	-3047 May 17 j 10:06	20° $\text{Y}$ 58'08	
superior conj	-3048 Jun 10 j 03:37	23° $\text{Z}$ 06'21	1°31'06	morning set	-3047 May 18 j 04:04	22° $\text{Y}$ 31'36	
minimum elong	-3048 Jun 10 j 01:05	22° $\text{Z}$ 53'10	1°30'54		-3047 May 21 j 16:44	0° $\text{Z}$	
	-3048 Jun 13 j 12:34	0° $\text{II}$					
max. Earth dist.	-3048 Jun 14 j 01:56	1° $\text{II}$ 07'04	1.35237 AU	superior conj	-3047 May 25 j 08:08	7° $\text{Z}$ 46'59	1°14'15
evening rise	-3048 Jun 18 j 12:33	9° $\text{II}$ 47'40		minimum elong	-3047 May 25 j 05:32	7° $\text{Z}$ 33'11	1°13'55
	-3048 Jun 29 j 23:10	0° $\text{III}$		max. Earth dist.	-3047 May 27 j 23:07	13° $\text{Z}$ 19'10	1.34018 AU
desc. node	-3048 Jul 11 j 07:56	17° $\text{III}$ 05'20		evening rise	-3047 Jun 02 j 01:38	23° $\text{Z}$ 42'16	
	-3048 Jul 21 j 21:07	0° $\text{I}$			-3047 Jun 05 j 07:52	0° $\text{II}$	
evening max el	-3048 Jul 23 j 21:18	2° $\text{I}$ 01'52	26°42'17		-3047 Jun 23 j 13:33	0° $\text{III}$	
retrograde	-3048 Aug 05 j 20:58	9° $\text{I}$ 19'28		desc. node	-3047 Jun 28 j 04:57	6° $\text{III}$ 11'50	
evening set	-3048 Aug 12 j 13:21	6° $\text{I}$ 32'58		evening max el	-3047 Jul 06 j 08:40	15° $\text{III}$ 20'59	27°17'36
min. Earth dist.	-3048 Aug 16 j 12:47	2° $\text{I}$ 26'08	0.65797 AU	retrograde	-3047 Jul 19 j 20:03	22° $\text{III}$ 43'44	
inferior conj	-3048 Aug 18 j 05:44	0° $\text{I}$ 23'45	-2°36'38	evening set	-3047 Jul 26 j 21:33	19° $\text{III}$ 57'41	
minimum elong	-3048 Aug 18 j 09:15	0° $\text{I}$ 13'16	2°35'22	min. Earth dist.	-3047 Jul 30 j 14:38	16° $\text{III}$ 27'14	0.64520 AU
	-3048 Aug 18 j 13:42	30° $\text{R}$ $\text{III}$		inferior conj	-3047 Aug 01 j 21:08	13° $\text{III}$ 58'12	-3°22'14
morning rise	-3048 Aug 24 j 05:31	24° $\text{III}$ 40'07		minimum elong	-3047 Aug 02 j 01:08	13° $\text{III}$ 47'13	3°21'05
asc. node	-3048 Aug 26 j 12:16	23° $\text{III}$ 53'21		morning rise	-3047 Aug 08 j 05:24	8° $\text{III}$ 29'55	
direct	-3048 Aug 27 j 04:47	23° $\text{III}$ 50'42		direct	-3047 Aug 10 j 23:05	7° $\text{III}$ 50'48	
morning max el	-3048 Sep 02 j 21:14	27° $\text{III}$ 32'38	18°33'20	asc. node	-3047 Aug 13 j 09:22	8° $\text{III}$ 21'34	
	-3048 Sep 05 j 01:46	0° $\text{I}$		morning max el	-3047 Aug 17 j 11:28	11° $\text{III}$ 19'47	18°05'26
morning set	-3048 Sep 22 j 23:35	27° $\text{I}$ 21'33			-3047 Aug 30 j 06:43	0° $\text{I}$	
	-3048 Sep 24 j 14:52	0° $\text{II}$		morning set	-3047 Sep 04 j 07:17	8° $\text{I}$ 28'32	
desc. node	-3048 Oct 07 j 07:26	20° $\text{II}$ 13'24			-3047 Sep 17 j 07:22	0° $\text{II}$	
superior conj	-3048 Oct 08 j 11:39	22° $\text{II}$ 04'38	-0°07'32	superior conj	-3047 Sep 17 j 19:56	0° $\text{II}$ 50'41	0°40'05
minimum elong	-3048 Oct 08 j 10:40	22° $\text{II}$ 00'43	0°07'24	minimum elong	-3047 Sep 18 j 00:22	1° $\text{II}$ 08'34	0°39'33
behind sun begin	-3048 Oct 08 j 00:26	21° $\text{II}$ 20'26		max. Earth dist.	-3047 Sep 22 j 06:40	7° $\text{II}$ 57'23	1.44446 AU
behind sun end	-3048 Oct 08 j 20:53	22° $\text{II}$ 41'01		desc. node	-3047 Sep 24 j 04:26	10° $\text{II}$ 58'30	
max. Earth dist.	-3048 Oct 09 j 13:09	23° $\text{II}$ 45'02	1.44873 AU	evening rise	-3047 Oct 04 j 07:44	26° $\text{II}$ 47'52	
	-3048 Oct 13 j 12:28	0° $\text{III}$			-3047 Oct 06 j 09:30	0° $\text{III}$	
evening rise	-3048 Oct 24 j 17:31	17° $\text{III}$ 40'54		greatest brilliancy	-3047 Oct 17 j 23:22	17° $\text{III}$ 36'47	-0.6m
	-3048 Nov 01 j 12:21	0° $\text{M}$			-3047 Oct 26 j 19:36	0° $\text{M}$	
greatest brilliancy	-3048 Nov 02 j 15:42	1° $\text{M}$ 47'21	-0.8m	evening max el	-3047 Oct 30 j 10:55	4° $\text{M}$ 12'48	20°02'21
evening max el	-3048 Nov 16 j 05:18	20° $\text{M}$ 45'59	19°08'55	retrograde	-3047 Nov 07 j 02:28	8° $\text{M}$ 41'31	
asc. node	-3048 Nov 22 j 11:17	24° $\text{M}$ 43'25		asc. node	-3047 Nov 09 j 08:23	8° $\text{M}$ 12'19	
retrograde	-3048 Nov 23 j 05:21	24° $\text{M}$ 46'38		evening set	-3047 Nov 10 j 16:55	7° $\text{M}$ 25'57	
evening set	-3048 Nov 26 j 11:24	23° $\text{M}$ 45'17		inferior conj	-3047 Nov 16 j 04:45	1° $\text{M}$ 23'36	2°12'04
inferior conj	-3048 Dec 02 j 03:43	17° $\text{M}$ 55'23	2°54'51	minimum elong	-3047 Nov 16 j 02:05	1° $\text{M}$ 32'28	2°11'05
minimum elong	-3048 Dec 02 j 00:39	18° $\text{M}$ 05'04	2°53'54	min. Earth dist.	-3047 Nov 17 j 01:53	0° $\text{M}$ 13'18	0.66637 AU
min. Earth dist.	-3048 Dec 03 j 13:44	16° $\text{M}$ 08'06	0.65725 AU		-3047 Nov 17 j 05:54	30° $\text{R}$ $\text{III}$	
morning rise	-3048 Dec 07 j 13:37	11° $\text{M}$ 45'17		morning rise	-3047 Nov 21 j 11:02	25° $\text{III}$ 10'01	
direct	-3048 Dec 13 j 23:46	8° $\text{M}$ 57'25		direct	-3047 Nov 27 j 07:11	22° $\text{III}$ 36'02	
morning max el	-3048 Dec 26 j 18:02	16° $\text{M}$ 26'23	26°25'01	morning max el	-3047 Dec 09 j 02:43	29° $\text{III}$ 37'09	25°10'47

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3047 Dec 09 j 11:44	0°♍		direct	-3046 Nov 10 j 19:30	6°♊30'06	
desc. node	-3047 Dec 21 j 03:56	14°♍12'45		morning max el	-3046 Nov 21 j 11:31	12°♊51'49	23°45'49
	-3047 Dec 31 j 22:45	0°♌			-3046 Dec 05 j 06:37	0°♍	
morning set	-3046 Jan 14 j 08:03	22°♌23'17		desc. node	-3046 Dec 08 j 00:59	3°♍55'34	
max. Earth dist.	-3046 Jan 18 j 01:13	29°♌10'59	1.36780 AU		-3046 Dec 24 j 19:28	0°♌	
	-3046 Jan 18 j 11:42	0°♋		morning set	-3046 Dec 26 j 20:40	3°♌27'29	
				max. Earth dist.	-3046 Dec 30 j 21:08	10°♌25'37	1.38791 AU
superior conj	-3046 Jan 24 j 04:51	11°♋00'02	-1°40'19				
minimum elong	-3046 Jan 24 j 08:01	11°♋15'42	1°40'06	superior conj	-3045 Jan 07 j 05:59	23°♌52'53	-1°53'05
evening rise	-3046 Feb 01 j 10:24	27°♋33'03		minimum elong	-3045 Jan 07 j 07:57	24°♌02'08	1°53'05
	-3046 Feb 02 j 15:44	0°♎			-3045 Jan 10 j 11:01	0°♋	
asc. node	-3046 Feb 05 j 07:37	5°♎13'24		evening rise	-3045 Jan 16 j 06:51	11°♋20'17	
evening max el	-3046 Feb 18 j 18:41	25°♎32'59	19°36'06	asc. node	-3045 Jan 23 j 04:40	24°♋21'12	
	-3046 Feb 27 j 02:57	0°♏			-3045 Jan 26 j 13:57	0°♎	
retrograde	-3046 Feb 28 j 06:25	0°♏03'48		evening max el	-3045 Feb 01 j 17:36	7°♎50'44	18°46'39
	-3046 Mar 01 j 10:13	30°♏		retrograde	-3045 Feb 09 j 19:42	11°♎45'18	
evening set	-3046 Mar 02 j 13:17	29°♎49'16		evening set	-3045 Feb 12 j 05:59	11°♎25'32	
inferior conj	-3046 Mar 11 j 00:56	25°♎44'56	2°08'06	inferior conj	-3045 Feb 19 j 23:49	7°♎03'45	3°19'02
minimum elong	-3046 Mar 11 j 05:33	25°♎37'34	2°06'41	minimum elong	-3045 Feb 20 j 04:02	6°♎55'54	3°18'08
min. Earth dist.	-3046 Mar 13 j 14:49	24°♎06'40	0.56152 AU	min. Earth dist.	-3045 Feb 23 j 06:58	4°♎38'21	0.57762 AU
desc. node	-3046 Mar 19 j 02:59	21°♎16'46		morning rise	-3045 Feb 27 j 23:31	1°♎51'56	
morning rise	-3046 Mar 19 j 19:15	21°♎02'39		direct	-3045 Mar 05 j 14:18	0°♎35'03	
direct	-3046 Mar 24 j 05:06	20°♎18'53		desc. node	-3045 Mar 06 j 00:06	0°♎35'27	
morning max el	-3046 Apr 07 j 05:20	27°♎23'11	24°34'17	morning max el	-3045 Mar 19 j 20:56	8°♎02'07	26°04'10
	-3046 Apr 09 j 18:25	0°♏			-3045 Apr 05 j 06:46	0°♏	
	-3046 Apr 28 j 23:42	0°♑		morning set	-3045 Apr 17 j 03:55	22°♏33'22	
morning set	-3046 May 02 j 16:14	7°♑33'05			-3045 Apr 20 j 15:32	0°♑	
asc. node	-3046 May 04 j 07:08	10°♑59'12		asc. node	-3045 Apr 21 j 04:08	1°♑08'22	
superior conj	-3046 May 09 j 16:58	22°♑41'03	0°53'53	superior conj	-3045 Apr 24 j 04:07	7°♑41'24	0°31'00
minimum elong	-3046 May 09 j 14:50	22°♑29'27	0°53'32	minimum elong	-3045 Apr 24 j 02:47	7°♑34'07	0°30'44
max. Earth dist.	-3046 May 11 j 05:10	25°♑56'32	1.33167 AU	max. Earth dist.	-3045 Apr 24 j 16:49	8°♑50'50	1.32670 AU
	-3046 May 13 j 02:44	0°♒		evening rise	-3045 May 01 j 05:32	22°♑50'07	
evening rise	-3046 May 17 j 00:20	8°♒06'40			-3045 May 04 j 18:31	0°♒	
	-3046 May 28 j 18:42	0°♑			-3045 May 22 j 19:47	0°♑	
desc. node	-3046 Jun 15 j 01:59	24°♑27'47		evening max el	-3045 May 31 j 23:19	10°♑35'58	26°57'34
evening max el	-3046 Jun 18 j 18:17	28°♑16'58	27°23'56	desc. node	-3045 Jun 01 j 23:03	11°♑31'10	
	-3046 Jun 20 j 15:35	0°♓		retrograde	-3045 Jun 14 j 22:38	17°♑55'39	
retrograde	-3046 Jul 02 j 12:56	5°♓39'00		evening set	-3045 Jun 21 j 19:03	15°♑50'05	
evening set	-3046 Jul 09 j 16:52	3°♓06'22		min. Earth dist.	-3045 Jun 25 j 12:51	13°♑07'29	0.60949 AU
	-3046 Jul 13 j 09:23	30°♒		inferior conj	-3045 Jun 28 j 19:14	10°♑18'59	-4°21'50
min. Earth dist.	-3046 Jul 13 j 06:49	0°♓06'04	0.62881 AU	minimum elong	-3045 Jun 28 j 20:59	10°♑15'12	4°21'37
inferior conj	-3046 Jul 16 j 02:47	27°♑19'39	-3°59'09	morning rise	-3045 Jul 06 j 00:37	5°♑30'32	
minimum elong	-3046 Jul 16 j 06:21	27°♑10'52	3°58'26	direct	-3045 Jul 08 j 13:26	5°♑04'46	
morning rise	-3046 Jul 22 j 20:55	22°♑09'55		morning max el	-3045 Jul 15 j 15:32	8°♑34'05	18°04'28
direct	-3046 Jul 25 j 11:17	21°♑38'23		asc. node	-3045 Jul 18 j 03:33	11°♑20'30	
asc. node	-3046 Jul 31 j 06:29	24°♑16'01			-3045 Jul 29 j 13:44	0°♓	
morning max el	-3046 Aug 01 j 02:31	25°♑02'46	17°55'30	morning set	-3045 Jul 31 j 15:21	3°♓49'20	
	-3046 Aug 05 j 04:44	0°♓					
morning set	-3046 Aug 17 j 14:28	20°♓43'18		superior conj	-3045 Aug 10 j 17:20	22°♓13'01	1°38'46
	-3046 Aug 22 j 20:57	0°♎		minimum elong	-3045 Aug 10 j 20:53	22°♓28'41	1°38'37
					-3045 Aug 15 j 04:37	0°♎	
superior conj	-3046 Aug 29 j 04:56	10°♎51'01	1°16'33	max. Earth dist.	-3045 Aug 18 j 06:55	5°♎14'10	1.41741 AU
minimum elong	-3046 Aug 29 j 10:27	11°♎14'11	1°16'04	evening rise	-3045 Aug 24 j 03:03	14°♎47'25	
max. Earth dist.	-3046 Sep 04 j 21:28	21°♎53'10	1.43355 AU	desc. node	-3045 Aug 28 j 22:24	22°♎22'13	
	-3046 Sep 09 j 23:19	0°♏			-3045 Sep 02 j 22:15	0°♏	
desc. node	-3046 Sep 11 j 01:25	1°♏42'40			-3045 Sep 25 j 03:22	0°♊	
evening rise	-3046 Sep 13 j 12:28	5°♏33'15		evening max el	-3045 Sep 26 j 04:29	1°♊05'20	22°25'08
	-3046 Sep 29 j 19:10	0°♊		retrograde	-3045 Oct 05 j 18:39	6°♊47'16	
evening max el	-3046 Oct 13 j 10:46	17°♊39'28	21°08'58	evening set	-3045 Oct 10 j 08:19	4°♊56'21	
retrograde	-3046 Oct 21 j 23:28	22°♊42'43		asc. node	-3045 Oct 14 j 02:36	0°♊46'26	
evening set	-3046 Oct 26 j 00:31	21°♊10'26			-3045 Oct 14 j 16:25	30°♒	
asc. node	-3046 Oct 27 j 05:30	20°♊06'57		inferior conj	-3045 Oct 15 j 16:00	28°♒38'53	0°32'03
inferior conj	-3046 Oct 31 j 09:30	14°♊58'50	1°23'50	minimum elong	-3045 Oct 15 j 15:16	28°♒41'27	0°31'44
minimum elong	-3046 Oct 31 j 07:40	15°♊05'08	1°23'04	min. Earth dist.	-3045 Oct 15 j 15:08	28°♒41'53	0.67464 AU
min. Earth dist.	-3046 Oct 31 j 19:09	14°♊25'44	0.67209 AU	morning rise	-3045 Oct 20 j 22:06	22°♒25'37	
morning rise	-3046 Nov 05 j 14:39	8°♊44'07		direct	-3045 Oct 25 j 11:58	20°♒33'33	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-3045 Nov 03 j 23:15	26° $\mathbb{M}$ 11'00	22°19'29	morning max el	-3044 Oct 16 j 16:53	9° $\mathbb{M}$ 37'41	20°59'25
	-3045 Nov 07 j 10:23	0° $\mathfrak{A}$			-3044 Nov 01 j 05:00	0° $\mathfrak{A}$	
desc. node	-3045 Nov 24 j 22:00	24° $\mathfrak{A}$ 01'20		desc. node	-3044 Nov 10 j 18:59	14° $\mathfrak{A}$ 23'19	
	-3045 Nov 28 j 20:45	0° $\mathbb{M}$		morning set	-3044 Nov 15 j 11:12	21° $\mathfrak{A}$ 37'32	
morning set	-3045 Dec 07 j 04:52	13° $\mathbb{M}$ 07'59			-3044 Nov 20 j 18:19	0° $\mathbb{M}$	
max. Earth dist.	-3045 Dec 12 j 18:55	22° $\mathbb{M}$ 21'26	1.40860 AU	max. Earth dist.	-3044 Nov 23 j 23:06	5° $\mathbb{M}$ 09'51	1.42708 AU
	-3045 Dec 17 j 05:55	0° $\mathfrak{A}$					
superior conj	-3045 Dec 20 j 13:10	5° $\mathfrak{A}$ 49'51	-1°56'18	superior conj	-3044 Nov 30 j 20:44	16° $\mathbb{M}$ 37'09	-1°46'02
minimum elong	-3045 Dec 20 j 12:21	5° $\mathfrak{A}$ 46'12	1°56'24	minimum elong	-3044 Nov 30 j 15:57	16° $\mathbb{M}$ 16'54	1°45'48
evening rise	-3045 Dec 30 j 17:04	24° $\mathfrak{A}$ 33'11			-3044 Dec 08 j 14:09	0° $\mathfrak{A}$	
	-3044 Jan 02 j 15:08	0° $\mathfrak{B}$		evening rise	-3044 Dec 12 j 13:13	7° $\mathfrak{A}$ 03'04	
asc. node	-3044 Jan 10 j 01:42	12° $\mathfrak{B}$ 56'46			-3044 Dec 26 j 07:35	0° $\mathfrak{B}$	
evening max el	-3044 Jan 15 j 23:56	20° $\mathfrak{B}$ 36'18	18°17'23	asc. node	-3044 Dec 26 j 22:45	0° $\mathfrak{B}$ 49'32	
retrograde	-3044 Jan 23 j 03:35	24° $\mathfrak{B}$ 10'20		evening max el	-3044 Dec 29 j 10:48	3° $\mathfrak{B}$ 40'58	18°07'55
evening set	-3044 Jan 25 j 17:18	23° $\mathfrak{B}$ 43'42		retrograde	-3043 Jan 05 j 02:30	7° $\mathfrak{B}$ 08'16	
inferior conj	-3044 Feb 01 j 19:18	19° $\mathfrak{B}$ 00'58	3°53'41	evening set	-3043 Jan 07 j 19:34	6° $\mathfrak{B}$ 33'41	
minimum elong	-3044 Feb 01 j 21:02	18° $\mathfrak{B}$ 57'14	3°53'27	inferior conj	-3043 Jan 14 j 08:48	1° $\mathfrak{B}$ 29'49	3°59'29
min. Earth dist.	-3044 Feb 05 j 03:43	16° $\mathfrak{B}$ 08'53	0.59731 AU	minimum elong	-3043 Jan 14 j 08:02	1° $\mathfrak{B}$ 31'42	3°59'22
morning rise	-3044 Feb 08 j 22:51	13° $\mathfrak{B}$ 26'39			-3043 Jan 15 j 20:58	30° $\mathfrak{R}$ $\mathfrak{A}$	
direct	-3044 Feb 15 j 11:45	11° $\mathfrak{B}$ 30'44		min. Earth dist.	-3043 Jan 17 j 07:59	28° $\mathfrak{A}$ 35'00	0.61744 AU
desc. node	-3044 Feb 20 j 21:11	12° $\mathfrak{B}$ 44'30		morning rise	-3043 Jan 20 j 19:20	25° $\mathfrak{A}$ 40'35	
morning max el	-3044 Feb 29 j 17:36	19° $\mathfrak{B}$ 10'19	27°09'47	direct	-3043 Jan 27 j 19:23	23° $\mathfrak{A}$ 11'40	
	-3044 Mar 09 j 22:19	0° $\mathfrak{A}$		desc. node	-3043 Feb 06 j 18:16	27° $\mathfrak{A}$ 21'31	
	-3044 Mar 27 j 21:17	0° $\mathfrak{H}$			-3043 Feb 09 j 20:25	0° $\mathfrak{B}$	
morning set	-3044 Mar 31 j 13:23	7° $\mathfrak{H}$ 26'14		morning max el	-3043 Feb 10 j 20:22	0° $\mathfrak{B}$ 57'26	27°41'27
asc. node	-3044 Apr 07 j 01:08	21° $\mathfrak{H}$ 21'32			-3043 Mar 04 j 00:28	0° $\mathfrak{A}$	
				morning set	-3043 Mar 15 j 18:35	22° $\mathfrak{A}$ 03'15	
superior conj	-3044 Apr 07 j 15:52	22° $\mathfrak{H}$ 42'12	0°06'28		-3043 Mar 19 j 13:52	0° $\mathfrak{H}$	
minimum elong	-3044 Apr 07 j 15:35	22° $\mathfrak{H}$ 40'36	0°06'22	max. Earth dist.	-3043 Mar 21 j 17:27	4° $\mathfrak{H}$ 36'56	1.32709 AU
behind sun begin	-3044 Apr 07 j 10:58	22° $\mathfrak{H}$ 15'22					
behind sun end	-3044 Apr 07 j 20:11	23° $\mathfrak{H}$ 05'51		superior conj	-3043 Mar 23 j 02:32	7° $\mathfrak{H}$ 36'17	-0°18'59
max. Earth dist.	-3044 Apr 07 j 06:13	21° $\mathfrak{H}$ 49'20	1.32515 AU	minimum elong	-3043 Mar 23 j 03:24	7° $\mathfrak{H}$ 40'59	0°18'51
	-3044 Apr 11 j 00:00	0° $\mathfrak{Y}$		asc. node	-3043 Mar 24 j 22:08	11° $\mathfrak{H}$ 33'41	
evening rise	-3044 Apr 14 j 14:49	7° $\mathfrak{Y}$ 44'26		evening rise	-3043 Mar 30 j 02:06	22° $\mathfrak{H}$ 41'19	
	-3044 Apr 26 j 07:27	0° $\mathfrak{B}$			-3043 Apr 02 j 15:23	0° $\mathfrak{Y}$	
evening max el	-3044 May 12 j 21:53	22° $\mathfrak{B}$ 11'33	25°59'33		-3043 Apr 21 j 14:11	0° $\mathfrak{B}$	
desc. node	-3044 May 18 j 20:06	26° $\mathfrak{B}$ 52'15		evening max el	-3043 Apr 24 j 14:55	3° $\mathfrak{B}$ 09'35	24°37'19
retrograde	-3044 May 26 j 23:50	29° $\mathfrak{B}$ 27'17		desc. node	-3043 May 05 j 17:10	9° $\mathfrak{B}$ 54'10	
evening set	-3044 Jun 02 j 00:15	27° $\mathfrak{B}$ 58'59		retrograde	-3043 May 08 j 14:16	10° $\mathfrak{B}$ 13'20	
min. Earth dist.	-3044 Jun 06 j 10:27	25° $\mathfrak{B}$ 16'47	0.58900 AU	evening set	-3043 May 13 j 07:52	9° $\mathfrak{B}$ 22'34	
inferior conj	-3044 Jun 09 j 18:50	22° $\mathfrak{B}$ 46'51	-4°21'54	min. Earth dist.	-3043 May 19 j 02:54	6° $\mathfrak{B}$ 24'52	0.57022 AU
minimum elong	-3044 Jun 09 j 17:13	22° $\mathfrak{B}$ 49'53	4°21'44	inferior conj	-3043 May 21 j 22:44	4° $\mathfrak{B}$ 34'47	-3°48'36
morning rise	-3044 Jun 17 j 12:47	18° $\mathfrak{B}$ 20'33		minimum elong	-3043 May 21 j 17:30	4° $\mathfrak{B}$ 43'20	3°47'36
direct	-3044 Jun 20 j 01:02	17° $\mathfrak{B}$ 59'25		morning rise	-3043 May 30 j 06:13	0° $\mathfrak{B}$ 27'29	
morning max el	-3044 Jun 27 j 23:37	21° $\mathfrak{B}$ 45'36	18°33'11	direct	-3043 Jun 01 j 18:20	0° $\mathfrak{B}$ 09'56	
asc. node	-3044 Jul 04 j 00:35	29° $\mathfrak{B}$ 20'07		morning max el	-3043 Jun 10 j 23:51	4° $\mathfrak{B}$ 27'28	19°22'22
	-3044 Jul 04 j 10:55	0° $\mathbb{I}$		asc. node	-3043 Jun 20 j 21:36	18° $\mathfrak{B}$ 01'52	
morning set	-3044 Jul 14 j 05:06	17° $\mathbb{I}$ 34'12			-3043 Jun 27 j 06:14	0° $\mathbb{I}$	
	-3044 Jul 20 j 16:12	0° $\mathfrak{B}$		morning set	-3043 Jun 28 j 04:04	1° $\mathbb{I}$ 48'20	
superior conj	-3044 Jul 23 j 04:33	4° $\mathfrak{B}$ 43'58	1°48'06				
minimum elong	-3044 Jul 23 j 05:31	4° $\mathfrak{B}$ 48'26	1°48'10	superior conj	-3043 Jul 06 j 08:47	18° $\mathbb{I}$ 07'18	1°47'15
max. Earth dist.	-3044 Jul 30 j 10:33	17° $\mathfrak{B}$ 49'42	1.39826 AU	minimum elong	-3043 Jul 06 j 07:44	18° $\mathbb{I}$ 02'10	1°47'18
evening rise	-3044 Aug 03 j 17:01	25° $\mathfrak{B}$ 08'28		max. Earth dist.	-3043 Jul 12 j 12:24	29° $\mathbb{I}$ 48'26	1.37873 AU
	-3044 Aug 06 j 15:24	0° $\mathfrak{Q}$			-3043 Jul 12 j 14:55	0° $\mathfrak{B}$	
desc. node	-3044 Aug 14 j 19:23	12° $\mathfrak{Q}$ 53'15		evening rise	-3043 Jul 16 j 08:42	6° $\mathfrak{B}$ 44'52	
	-3044 Aug 26 j 16:15	0° $\mathbb{M}$			-3043 Jul 30 j 13:23	0° $\mathfrak{Q}$	
evening max el	-3044 Sep 07 j 17:33	14° $\mathbb{M}$ 32'44	23°45'40	desc. node	-3043 Aug 01 j 16:22	3° $\mathfrak{Q}$ 10'53	
retrograde	-3044 Sep 18 j 10:48	20° $\mathbb{M}$ 52'18		evening max el	-3043 Aug 21 j 04:38	28° $\mathfrak{Q}$ 04'06	25°03'45
evening set	-3044 Sep 23 j 14:37	18° $\mathbb{M}$ 42'12			-3043 Aug 23 j 06:12	0° $\mathbb{M}$	
inferior conj	-3044 Sep 28 j 22:32	12° $\mathbb{M}$ 22'30	-0°21'36	retrograde	-3043 Sep 01 j 22:54	4° $\mathbb{M}$ 54'09	
minimum elong	-3044 Sep 28 j 23:03	12° $\mathbb{M}$ 20'46	0°21'20	evening set	-3043 Sep 07 j 17:37	2° $\mathbb{M}$ 26'15	
min. Earth dist.	-3044 Sep 28 j 11:27	13° $\mathbb{M}$ 00'20	0.67414 AU		-3043 Sep 10 j 02:31	30° $\mathfrak{R}$ $\mathfrak{Q}$	
asc. node	-3044 Sep 29 j 23:41	10° $\mathbb{M}$ 57'27		min. Earth dist.	-3043 Sep 12 j 05:39	27° $\mathfrak{Q}$ 19'41	0.67053 AU
morning rise	-3044 Oct 04 j 07:27	6° $\mathbb{M}$ 13'24		inferior conj	-3043 Sep 13 j 03:24	26° $\mathfrak{Q}$ 08'03	-1°15'28
direct	-3044 Oct 08 j 07:46	4° $\mathbb{M}$ 42'28		minimum elong	-3043 Sep 13 j 05:12	26° $\mathfrak{Q}$ 02'08	1°14'40
				asc. node	-3043 Sep 16 j 20:46	21° $\mathfrak{Q}$ 39'23	
				morning rise	-3043 Sep 18 j 16:49	20° $\mathfrak{Q}$ 06'10	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3043 Sep 22 j 05:39	18° $\Omega$ 53'48				-3042 Sep 29 j 07:10	0° $\mathbb{M}$	
morning max el	-3043 Sep 29 j 17:49	23° $\Omega$ 13'37	19°50'56	morning set		-3042 Oct 04 j 22:16	8° $\mathbb{M}$ 53'35	
	-3043 Oct 05 j 08:59	0° $\mathbb{M}$		desc. node		-3042 Oct 15 j 12:56	25° $\mathbb{M}$ 37'27	
morning set	-3043 Oct 25 j 09:12	29° $\mathbb{M}$ 50'50				-3042 Oct 18 j 07:39	0° $\mathbb{L}$	
	-3043 Oct 25 j 11:34	0° $\mathbb{L}$		max. Earth dist.		-3042 Oct 20 j 03:26	2° $\mathbb{L}$ 52'26	1.44800 AU
desc. node	-3043 Oct 28 j 15:58	4° $\mathbb{L}$ 56'54						
max. Earth dist.	-3043 Nov 06 j 10:37	18° $\mathbb{L}$ 45'47	1.44080 AU	superior conj		-3042 Oct 21 j 06:29	4° $\mathbb{L}$ 39'03	-0°36'06
				minimum elong		-3042 Oct 21 j 01:51	4° $\mathbb{L}$ 20'48	0°35'31
superior conj	-3043 Nov 11 j 01:04	26° $\mathbb{L}$ 08'45	-1°18'58	evening rise		-3042 Nov 05 j 17:45	29° $\mathbb{L}$ 21'16	
minimum elong	-3043 Nov 10 j 17:44	25° $\mathbb{L}$ 39'09	1°18'14			-3042 Nov 06 j 03:19	0° $\mathbb{M}$	
	-3043 Nov 13 j 09:59	0° $\mathbb{M}$				-3042 Nov 26 j 02:35	0° $\mathbb{J}$	
evening rise	-3043 Nov 24 j 14:56	18° $\mathbb{M}$ 42'02		evening max el		-3042 Nov 26 j 11:08	0° $\mathbb{J}$ 22'24	18°45'14
	-3043 Dec 01 j 06:42	0° $\mathbb{J}$		asc. node		-3042 Nov 30 j 16:53	3° $\mathbb{J}$ 35'37	
evening max el	-3043 Dec 12 j 23:26	16° $\mathbb{J}$ 58'24	18°17'30	retrograde		-3042 Dec 03 j 04:55	4° $\mathbb{J}$ 09'54	
asc. node	-3043 Dec 13 j 19:48	17° $\mathbb{J}$ 47'29		evening set		-3042 Dec 06 j 07:16	3° $\mathbb{J}$ 15'24	
retrograde	-3043 Dec 19 j 12:15	20° $\mathbb{J}$ 30'42				-3042 Dec 10 j 01:05	30° $\mathbb{R}$ $\mathbb{M}$	
evening set	-3043 Dec 22 j 09:18	19° $\mathbb{J}$ 46'58		inferior conj		-3042 Dec 12 j 02:58	27° $\mathbb{M}$ 34'04	3°16'01
inferior conj	-3043 Dec 28 j 12:35	14° $\mathbb{J}$ 23'13	3°44'48	minimum elong		-3042 Dec 11 j 23:56	27° $\mathbb{M}$ 43'16	3°15'13
minimum elong	-3043 Dec 28 j 10:13	14° $\mathbb{J}$ 29'47	3°44'22	min. Earth dist.		-3042 Dec 13 j 21:00	25° $\mathbb{M}$ 26'57	0.65049 AU
min. Earth dist.	-3043 Dec 30 j 21:36	11° $\mathbb{J}$ 45'58	0.63564 AU	morning rise		-3042 Dec 17 j 16:17	21° $\mathbb{M}$ 27'23	
morning rise	-3042 Jan 03 j 10:29	8° $\mathbb{J}$ 23'52		direct		-3042 Dec 24 j 09:12	18° $\mathbb{M}$ 36'03	
direct	-3042 Jan 10 j 11:02	5° $\mathbb{J}$ 36'05		morning max el		-3041 Jan 06 j 13:11	26° $\mathbb{M}$ 13'32	26°58'54
morning max el	-3042 Jan 24 j 03:43	13° $\mathbb{J}$ 21'43	27°36'39			-3041 Jan 10 j 01:55	0° $\mathbb{J}$	
desc. node	-3042 Jan 24 j 15:20	13° $\mathbb{J}$ 50'47		desc. node		-3041 Jan 11 j 12:24	1° $\mathbb{J}$ 40'08	
	-3042 Feb 06 j 14:35	0° $\mathbb{Z}$				-3041 Jan 31 j 03:42	0° $\mathbb{Z}$	
	-3042 Feb 24 j 12:01	0° $\approx$		morning set		-3041 Feb 11 j 05:50	19° $\mathbb{Z}$ 54'50	
morning set	-3042 Feb 27 j 17:07	6° $\approx$ 16'06		max. Earth dist.		-3041 Feb 15 j 18:24	28° $\mathbb{Z}$ 51'16	1.34300 AU
max. Earth dist.	-3042 Mar 04 j 22:40	17° $\approx$ 00'24	1.33291 AU			-3041 Feb 16 j 07:56	0° $\approx$	
superior conj	-3042 Mar 07 j 10:23	22° $\approx$ 17'43	-0°44'21	superior conj		-3041 Feb 19 j 13:26	6° $\approx$ 39'59	-1°08'31
minimum elong	-3042 Mar 07 j 12:22	22° $\approx$ 28'22	0°44'01	minimum elong		-3041 Feb 19 j 16:20	6° $\approx$ 55'08	1°08'06
	-3042 Mar 11 j 00:23	0° $\mathbb{H}$		evening rise		-3041 Feb 26 j 23:43	22° $\approx$ 17'47	
asc. node	-3042 Mar 11 j 19:08	1° $\mathbb{H}$ 40'45		asc. node		-3041 Feb 26 j 16:11	21° $\approx$ 38'33	
evening rise	-3042 Mar 14 j 13:39	7° $\mathbb{H}$ 34'25				-3041 Mar 02 j 18:46	0° $\mathbb{H}$	
	-3042 Mar 26 j 12:05	0° $\mathbb{Y}$		evening max el		-3041 Mar 19 j 03:57	24° $\mathbb{H}$ 42'02	21°32'05
evening max el	-3042 Apr 06 j 06:53	13° $\mathbb{Y}$ 50'41	23°03'31			-3041 Mar 27 j 13:32	0° $\mathbb{Y}$	
retrograde	-3042 Apr 19 j 15:34	20° $\mathbb{Y}$ 26'18		retrograde		-3041 Mar 31 j 06:37	0° $\mathbb{Y}$ 32'47	
desc. node	-3042 Apr 22 j 14:15	20° $\mathbb{Y}$ 07'15		evening set		-3041 Apr 02 j 19:23	0° $\mathbb{Y}$ 18'16	
evening set	-3042 Apr 23 j 01:14	20° $\mathbb{Y}$ 00'59				-3041 Apr 04 j 02:47	30° $\mathbb{R}$ $\mathbb{H}$	
min. Earth dist.	-3042 Apr 30 j 17:06	16° $\mathbb{Y}$ 36'28	0.55666 AU	desc. node		-3041 Apr 09 j 11:20	27° $\mathbb{H}$ 45'27	
inferior conj	-3042 May 02 j 07:21	15° $\mathbb{Y}$ 40'48	-2°33'58	inferior conj		-3041 Apr 12 j 03:39	26° $\mathbb{H}$ 17'02	-0°44'54
minimum elong	-3042 May 02 j 01:21	15° $\mathbb{Y}$ 49'33	2°32'13	minimum elong		-3041 Apr 12 j 01:32	26° $\mathbb{H}$ 19'59	0°44'09
morning rise	-3042 May 11 j 03:50	11° $\mathbb{Y}$ 43'55		min. Earth dist.		-3041 Apr 12 j 06:42	26° $\mathbb{H}$ 12'44	0.55120 AU
direct	-3042 May 13 j 17:41	11° $\mathbb{Y}$ 27'58		morning rise		-3041 Apr 21 j 08:08	22° $\mathbb{H}$ 15'23	
morning max el	-3042 May 24 j 13:51	16° $\mathbb{Y}$ 30'41	20°31'50	direct		-3041 Apr 24 j 06:06	21° $\mathbb{H}$ 56'45	
	-3042 Jun 03 j 17:55	0° $\mathbb{B}$		morning max el		-3041 May 06 j 17:00	27° $\mathbb{H}$ 52'09	21°59'11
asc. node	-3042 Jun 07 j 18:37	7° $\mathbb{B}$ 15'35				-3041 May 08 j 19:39	0° $\mathbb{Y}$	
morning set	-3042 Jun 12 j 09:23	16° $\mathbb{B}$ 24'15		asc. node		-3041 May 25 j 15:40	26° $\mathbb{Y}$ 53'16	
	-3042 Jun 18 j 23:54	0° $\mathbb{I}$				-3041 May 27 j 04:16	0° $\mathbb{B}$	
				morning set		-3041 May 27 j 18:54	1° $\mathbb{B}$ 15'42	
superior conj	-3042 Jun 20 j 01:13	2° $\mathbb{I}$ 09'04	1°38'42					
minimum elong	-3042 Jun 19 j 22:59	1° $\mathbb{I}$ 57'45	1°38'37	superior conj		-3041 Jun 04 j 02:13	16° $\mathbb{B}$ 38'47	1°24'27
max. Earth dist.	-3042 Jun 24 j 19:02	11° $\mathbb{I}$ 35'47	1.36112 AU	minimum elong		-3041 Jun 03 j 23:34	16° $\mathbb{B}$ 24'57	1°24'12
evening rise	-3042 Jun 28 j 22:03	19° $\mathbb{I}$ 26'19		max. Earth dist.		-3041 Jun 07 j 10:52	23° $\mathbb{B}$ 36'29	1.34672 AU
	-3042 Jul 04 j 19:43	0° $\mathbb{S}$				-3041 Jun 10 j 15:17	0° $\mathbb{I}$	
desc. node	-3042 Jul 19 j 13:22	23° $\mathbb{S}$ 08'25		evening rise		-3041 Jun 12 j 03:52	2° $\mathbb{I}$ 58'38	
	-3042 Jul 24 j 14:16	0° $\mathbb{Q}$				-3041 Jun 27 j 16:26	0° $\mathbb{S}$	
evening max el	-3042 Aug 03 j 15:46	11° $\mathbb{Q}$ 37'03	26°11'22	desc. node		-3041 Jul 06 j 10:24	12° $\mathbb{S}$ 37'26	
retrograde	-3042 Aug 16 j 06:10	18° $\mathbb{Q}$ 46'54		evening max el		-3041 Jul 17 j 03:21	25° $\mathbb{S}$ 04'49	27°00'27
evening set	-3042 Aug 22 j 15:19	16° $\mathbb{Q}$ 05'21				-3041 Jul 23 j 05:26	0° $\mathbb{Q}$	
min. Earth dist.	-3042 Aug 26 j 19:14	11° $\mathbb{Q}$ 36'24	0.66361 AU	retrograde		-3041 Jul 30 j 08:15	2° $\mathbb{Q}$ 24'43	
inferior conj	-3042 Aug 28 j 04:43	9° $\mathbb{Q}$ 52'06	-2°07'54			-3041 Aug 05 j 17:39	30° $\mathbb{R}$ $\mathbb{S}$	
minimum elong	-3042 Aug 28 j 07:41	9° $\mathbb{Q}$ 42'51	2°06'43	evening set		-3041 Aug 06 j 05:18	29° $\mathbb{S}$ 36'58	
morning rise	-3042 Sep 03 j 00:16	4° $\mathbb{Q}$ 00'47		min. Earth dist.		-3041 Aug 10 j 01:50	25° $\mathbb{S}$ 46'12	0.65309 AU
asc. node	-3042 Sep 03 j 17:51	3° $\mathbb{Q}$ 37'25		inferior conj		-3041 Aug 12 j 00:27	23° $\mathbb{S}$ 31'50	-2°56'45
direct	-3042 Sep 06 j 03:54	3° $\mathbb{Q}$ 03'49		minimum elong		-3041 Aug 12 j 04:16	23° $\mathbb{S}$ 20'51	2°55'29
morning max el	-3042 Sep 13 j 01:30	6° $\mathbb{Q}$ 56'45	18°57'01	morning rise		-3041 Aug 18 j 03:41	17° $\mathbb{S}$ 54'23	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3041 Aug 21 j 00:24	17° $\text{☿}$ 09'34		morning rise	-3040 Aug 01 j 00:23	1° $\text{☿}$ 41'01	
asc. node	-3041 Aug 21 j 14:56	17° $\text{☿}$ 11'35		direct	-3040 Aug 03 j 16:25	1° $\text{☿}$ 05'28	
morning max el	-3041 Aug 27 j 14:07	20° $\text{☿}$ 44'34	18°19'20	asc. node	-3040 Aug 07 j 12:01	2° $\text{☿}$ 18'17	
	-3041 Sep 03 j 16:04	0° $\text{♊}$		morning max el	-3040 Aug 10 j 05:06	4° $\text{☿}$ 31'13	17°59'01
morning set	-3041 Sep 15 j 14:22	19° $\text{♊}$ 16'14			-3040 Aug 26 j 20:12	0° $\text{♊}$	
	-3041 Sep 22 j 04:04	0° $\text{♈}$		morning set	-3040 Aug 27 j 08:44	0° $\text{♊}$ 54'05	
superior conj	-3041 Sep 30 j 07:06	13° $\text{♈}$ 00'54	0°13'33	superior conj	-3040 Sep 09 j 00:51	22° $\text{♊}$ 16'09	0°57'14
minimum elong	-3041 Sep 30 j 08:49	13° $\text{♈}$ 07'43	0°13'21	minimum elong	-3040 Sep 09 j 06:17	22° $\text{♊}$ 38'22	0°56'39
behind sun begin	-3041 Sep 30 j 02:23	12° $\text{♈}$ 42'11			-3040 Sep 13 j 19:22	0° $\text{♈}$	
behind sun end	-3041 Sep 30 j 15:16	13° $\text{♈}$ 33'14		max. Earth dist.	-3040 Sep 14 j 14:45	1° $\text{♈}$ 17'32	1.44056 AU
desc. node	-3041 Oct 02 j 09:55	16° $\text{♈}$ 21'57		desc. node	-3040 Sep 18 j 06:55	7° $\text{♈}$ 07'16	
max. Earth dist.	-3041 Oct 02 j 22:05	17° $\text{♈}$ 09'59	1.44788 AU	evening rise	-3040 Sep 25 j 04:07	17° $\text{♈}$ 51'20	
	-3041 Oct 11 j 02:14	0° $\text{♌}$			-3040 Oct 03 j 02:49	0° $\text{♌}$	
evening rise	-3041 Oct 16 j 20:06	8° $\text{♌}$ 58'59		evening max el	-3040 Oct 22 j 22:40	27° $\text{♌}$ 15'43	20°29'12
greatest brilliancy	-3041 Oct 28 j 01:41	26° $\text{♌}$ 25'38	-0.7m		-3040 Oct 26 j 00:02	0° $\text{♍}$	
	-3041 Oct 30 j 10:18	0° $\text{♍}$		retrograde	-3040 Oct 30 j 22:45	1° $\text{♍}$ 58'58	
evening max el	-3041 Nov 09 j 19:30	13° $\text{♍}$ 48'56	19°29'47	asc. node	-3040 Nov 03 j 11:04	0° $\text{♍}$ 47'43	
retrograde	-3041 Nov 17 j 01:17	18° $\text{♍}$ 00'35		evening set	-3040 Nov 03 j 17:22	0° $\text{♍}$ 36'36	
asc. node	-3041 Nov 17 j 13:59	17° $\text{♍}$ 58'58			-3040 Nov 04 j 11:39	30° $\text{♌}$	
evening set	-3041 Nov 20 j 10:43	16° $\text{♍}$ 53'18		inferior conj	-3040 Nov 09 j 03:47	24° $\text{♌}$ 29'38	1°52'09
inferior conj	-3041 Nov 26 j 00:53	10° $\text{♍}$ 57'26	2°37'28	minimum elong	-3040 Nov 09 j 01:25	24° $\text{♌}$ 37'36	1°51'14
minimum elong	-3041 Nov 25 j 21:56	11° $\text{♍}$ 07'01	2°36'28	min. Earth dist.	-3040 Nov 09 j 19:51	23° $\text{♌}$ 35'18	0.66917 AU
min. Earth dist.	-3041 Nov 27 j 05:07	9° $\text{♍}$ 26'04	0.66160 AU	morning rise	-3040 Nov 14 j 09:17	18° $\text{♌}$ 15'03	
morning rise	-3041 Dec 01 j 08:56	4° $\text{♍}$ 45'36		direct	-3040 Nov 19 j 22:51	15° $\text{♌}$ 49'12	
direct	-3041 Dec 07 j 13:17	2° $\text{♍}$ 03'01		morning max el	-3040 Dec 01 j 07:24	22° $\text{♌}$ 35'24	24°35'22
morning max el	-3041 Dec 19 j 22:41	9° $\text{♍}$ 21'23	25°55'22		-3040 Dec 07 j 20:00	0° $\text{♎}$	
desc. node	-3041 Dec 29 j 09:28	20° $\text{♍}$ 26'02		desc. node	-3040 Dec 15 j 06:30	9° $\text{♍}$ 51'52	
	-3040 Jan 05 j 06:59	0° $\text{♎}$			-3040 Dec 28 j 15:00	0° $\text{♎}$	
	-3040 Jan 23 j 16:00	0° $\text{♏}$		morning set	-3039 Jan 06 j 07:22	14° $\text{♎}$ 35'40	
morning set	-3040 Jan 25 j 04:26	2° $\text{♏}$ 46'33		max. Earth dist.	-3039 Jan 10 j 00:53	21° $\text{♎}$ 15'41	1.37606 AU
max. Earth dist.	-3040 Jan 29 j 02:34	10° $\text{♏}$ 10'08	1.35757 AU		-3039 Jan 14 j 17:27	0° $\text{♏}$	
superior conj	-3040 Feb 03 j 09:10	20° $\text{♏}$ 35'17	-1°29'58	superior conj	-3039 Jan 16 j 18:17	3° $\text{♏}$ 54'30	-1°46'40
minimum elong	-3040 Feb 03 j 12:28	20° $\text{♏}$ 52'01	1°29'38	minimum elong	-3039 Jan 16 j 21:07	4° $\text{♏}$ 08'14	1°46'34
	-3040 Feb 07 j 23:34	0° $\text{♐}$		evening rise	-3039 Jan 25 j 07:18	20° $\text{♏}$ 48'54	
evening rise	-3040 Feb 11 j 06:21	6° $\text{♐}$ 44'47		asc. node	-3039 Jan 30 j 10:17	0° $\text{♐}$ 45'01	
asc. node	-3040 Feb 13 j 13:14	11° $\text{♐}$ 21'51			-3039 Jan 30 j 00:40	0° $\text{♐}$	
	-3040 Feb 24 j 06:48	0° $\text{♑}$		evening max el	-3039 Feb 11 j 04:11	18° $\text{♐}$ 02'33	19°12'36
evening max el	-3040 Feb 29 j 10:42	6° $\text{♑}$ 03'39	20°13'18	retrograde	-3039 Feb 20 j 00:40	22° $\text{♐}$ 16'17	
retrograde	-3040 Mar 10 j 21:44	11° $\text{♑}$ 02'31		evening set	-3039 Feb 22 j 08:36	21° $\text{♐}$ 59'59	
evening set	-3040 Mar 13 j 03:48	10° $\text{♑}$ 49'38		inferior conj	-3039 Mar 02 j 12:38	17° $\text{♐}$ 49'11	2°42'50
inferior conj	-3040 Mar 22 j 01:03	6° $\text{♑}$ 50'31	1°11'02	minimum elong	-3039 Mar 02 j 17:30	17° $\text{♐}$ 40'54	2°41'32
minimum elong	-3040 Mar 22 j 04:04	6° $\text{♑}$ 45'59	1°09'58	min. Earth dist.	-3039 Mar 05 j 12:06	15° $\text{♐}$ 48'38	0.56765 AU
min. Earth dist.	-3040 Mar 23 j 20:45	5° $\text{♑}$ 45'24	0.55517 AU	morning rise	-3039 Mar 10 j 23:36	12° $\text{♐}$ 53'19	
desc. node	-3040 Mar 26 j 08:27	4° $\text{♑}$ 21'46		desc. node	-3039 Mar 13 j 05:34	12° $\text{♐}$ 13'45	
morning rise	-3040 Mar 31 j 02:34	2° $\text{♑}$ 25'52		direct	-3039 Mar 15 j 21:50	11° $\text{♐}$ 56'50	
direct	-3040 Apr 03 j 20:04	1° $\text{♑}$ 55'27		morning max el	-3039 Mar 30 j 02:28	19° $\text{♐}$ 13'27	25°14'38
morning max el	-3040 Apr 17 j 11:30	8° $\text{♑}$ 39'06	23°37'32		-3039 Apr 08 j 03:57	0° $\text{♒}$	
	-3040 May 02 j 23:01	0° $\text{♒}$			-3039 Apr 25 j 04:02	0° $\text{♒}$	
morning set	-3040 May 11 j 06:35	16° $\text{♒}$ 15'11		morning set	-3039 Apr 25 j 18:42	1° $\text{♒}$ 16'48	
asc. node	-3040 May 11 j 12:42	16° $\text{♒}$ 47'21		asc. node	-3039 Apr 28 j 09:44	6° $\text{♒}$ 52'33	
	-3040 May 17 j 16:48	0° $\text{♓}$		superior conj	-3039 May 02 j 18:52	16° $\text{♒}$ 23'48	0°44'27
superior conj	-3040 May 18 j 08:50	1° $\text{♓}$ 26'08	1°06'00	minimum elong	-3039 May 02 j 17:02	16° $\text{♒}$ 13'49	0°44'06
minimum elong	-3040 May 18 j 06:23	1° $\text{♓}$ 12'58	1°05'38	max. Earth dist.	-3039 May 03 j 20:43	18° $\text{♒}$ 44'15	1.32908 AU
max. Earth dist.	-3040 May 20 j 12:08	5° $\text{♓}$ 59'45	1.33604 AU		-3039 May 09 j 03:44	0° $\text{♓}$	
evening rise	-3040 May 25 j 21:26	17° $\text{♓}$ 07'02		evening rise	-3039 May 09 j 23:13	1° $\text{♓}$ 40'27	
	-3040 Jun 01 j 15:28	0° $\text{♊}$			-3039 May 25 j 13:58	0° $\text{♊}$	
	-3040 Jun 21 j 03:49	0° $\text{☿}$		desc. node	-3039 Jun 09 j 04:30	19° $\text{♊}$ 12'53	
desc. node	-3040 Jun 22 j 07:27	1° $\text{☿}$ 24'48		evening max el	-3039 Jun 10 j 21:48	20° $\text{♊}$ 55'39	27°16'45
evening max el	-3040 Jun 28 j 14:02	8° $\text{☿}$ 14'58	27°24'02	retrograde	-3039 Jun 24 j 19:03	28° $\text{♊}$ 17'46	
retrograde	-3040 Jul 12 j 04:47	15° $\text{☿}$ 38'12		evening set	-3039 Jul 01 j 21:03	25° $\text{♊}$ 54'53	
evening set	-3040 Jul 19 j 08:30	12° $\text{☿}$ 55'45		min. Earth dist.	-3039 Jul 05 j 11:22	23° $\text{♊}$ 03'59	0.62081 AU
min. Earth dist.	-3040 Jul 22 j 23:32	9° $\text{☿}$ 39'37	0.63869 AU	inferior conj	-3039 Jul 08 j 12:28	20° $\text{♊}$ 14'09	-4°10'59
inferior conj	-3040 Jul 25 j 12:03	7° $\text{☿}$ 01'26	-3°39'14	minimum elong	-3039 Jul 08 j 15:27	20° $\text{♊}$ 07'09	4°10'30
minimum elong	-3040 Jul 25 j 16:01	6° $\text{☿}$ 51'02	3°38'14	morning rise	-3039 Jul 15 j 11:15	15° $\text{♊}$ 13'22	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-3039 Jul 18 j 00:38	14° $\Pi$ 44'39		minimum elong	-3038 Jun 20 j 22:41	3° $\Pi$ 00'37	4°25'12
morning max el	-3039 Jul 24 j 19:38	18° $\Pi$ 10'09	17°56'58		-3038 Jun 24 j 23:27	30° $\mathcal{R}$	
asc. node	-3039 Jul 25 j 09:05	18° $\Pi$ 44'10		morning rise	-3038 Jun 28 j 08:44	28° $\mathcal{B}$ 22'19	
	-3039 Aug 02 j 08:20	0° $\mathcal{E}$		direct	-3038 Jun 30 j 21:08	27° $\mathcal{B}$ 58'40	
morning set	-3039 Aug 10 j 00:04	13° $\mathcal{E}$ 32'02			-3038 Jul 06 j 10:15	0° $\Pi$	
	-3039 Aug 19 j 05:57	0° $\Omega$		morning max el	-3038 Jul 08 j 06:51	1° $\Pi$ 34'01	18°14'12
				asc. node	-3038 Jul 12 j 06:08	6° $\Pi$ 13'51	
superior conj	-3039 Aug 20 j 21:46	2° $\Omega$ 52'00	1°27'42	morning set	-3038 Jul 24 j 06:58	26° $\Pi$ 56'19	
minimum elong	-3039 Aug 21 j 02:39	3° $\Omega$ 12'58	1°27'20		-3038 Jul 25 j 21:53	0° $\mathcal{E}$	
max. Earth dist.	-3039 Aug 28 j 02:49	14° $\Omega$ 57'57	1.42715 AU				
evening rise	-3039 Sep 04 j 10:37	26° $\Omega$ 42'24		superior conj	-3038 Aug 02 j 20:33	14° $\mathcal{E}$ 45'15	1°44'09
desc. node	-3039 Sep 05 j 03:52	27° $\Omega$ 49'59		minimum elong	-3038 Aug 02 j 22:58	14° $\mathcal{E}$ 56'13	1°44'07
	-3039 Sep 06 j 13:15	0° $\mathcal{M}$		max. Earth dist.	-3038 Aug 10 j 09:37	28° $\mathcal{E}$ 00'18	1.40946 AU
	-3039 Sep 27 j 00:09	0° $\underline{\Omega}$			-3038 Aug 11 j 13:54	0° $\Omega$	
evening max el	-3039 Oct 05 j 19:47	10° $\underline{\Omega}$ 41'59	21°40'30	evening rise	-3038 Aug 15 j 10:16	6° $\Omega$ 23'00	
retrograde	-3039 Oct 14 j 19:10	16° $\underline{\Omega}$ 01'51		desc. node	-3038 Aug 23 j 00:51	18° $\Omega$ 26'53	
evening set	-3039 Oct 19 j 01:14	14° $\underline{\Omega}$ 22'03			-3038 Aug 30 j 17:55	0° $\mathcal{M}$	
asc. node	-3039 Oct 21 j 08:10	12° $\underline{\Omega}$ 06'39		evening max el	-3038 Sep 18 j 11:27	24° $\mathcal{M}$ 09'26	22°59'18
inferior conj	-3039 Oct 24 j 09:30	8° $\underline{\Omega}$ 07'33	1°02'12		-3038 Sep 27 j 06:39	0° $\underline{\Omega}$	
minimum elong	-3039 Oct 24 j 08:06	8° $\underline{\Omega}$ 12'23	1°01'37	retrograde	-3038 Sep 28 j 13:06	0° $\underline{\Omega}$ 07'23	
min. Earth dist.	-3039 Oct 24 j 14:40	7° $\underline{\Omega}$ 49'43	0.67352 AU		-3038 Sep 29 j 18:39	30° $\mathcal{R}$ $\mathcal{M}$	
morning rise	-3039 Oct 29 j 14:47	1° $\underline{\Omega}$ 52'52		evening set	-3038 Oct 03 j 08:36	28° $\mathcal{M}$ 08'30	
	-3039 Nov 01 j 23:29	30° $\mathcal{R}$ $\mathcal{M}$		asc. node	-3038 Oct 08 j 05:13	22° $\mathcal{M}$ 27'47	
direct	-3039 Nov 03 j 13:09	29° $\mathcal{M}$ 47'56		inferior conj	-3038 Oct 08 j 16:14	21° $\mathcal{M}$ 49'53	0°09'28
	-3039 Nov 05 j 04:18	0° $\underline{\Omega}$		minimum elong	-3038 Oct 08 j 16:00	21° $\mathcal{M}$ 50'40	0°09'23
morning max el	-3039 Nov 13 j 16:55	5° $\underline{\Omega}$ 51'29	23°08'40	transit middle	-3038 Oct 08 j 16:00	21° $\mathcal{M}$ 50'40	0°09'23
desc. node	-3039 Dec 02 j 03:29	29° $\underline{\Omega}$ 45'28		transit begin	-3038 Oct 08 j 13:48	21° $\mathcal{M}$ 58'17	
	-3039 Dec 02 j 07:27	0° $\mathcal{M}$		transit end	-3038 Oct 08 j 18:13	21° $\mathcal{M}$ 43'03	
morning set	-3039 Dec 18 j 08:15	25° $\mathcal{M}$ 04'59		min. Earth dist.	-3038 Oct 08 j 11:05	22° $\mathcal{M}$ 07'35	0.67483 AU
	-3039 Dec 21 j 06:16	0° $\mathcal{X}$		morning rise	-3038 Oct 13 j 23:17	15° $\mathcal{M}$ 38'01	
max. Earth dist.	-3039 Dec 22 j 20:09	2° $\mathcal{X}$ 42'37	1.39679 AU	direct	-3038 Oct 18 j 07:18	13° $\mathcal{M}$ 54'54	
				morning max el	-3038 Oct 27 j 06:43	19° $\mathcal{M}$ 13'25	21°44'15
superior conj	-3039 Dec 30 j 12:25	16° $\mathcal{X}$ 25'21	-1°55'51		-3038 Nov 05 j 04:02	0° $\underline{\Omega}$	
minimum elong	-3039 Dec 30 j 13:25	16° $\mathcal{X}$ 29'53	1°55'56	desc. node	-3038 Nov 19 j 00:29	19° $\underline{\Omega}$ 59'14	
	-3038 Jan 06 j 17:09	0° $\mathcal{Z}$			-3038 Nov 25 j 12:35	0° $\mathcal{M}$	
evening rise	-3038 Jan 08 j 23:46	4° $\mathcal{Z}$ 22'10		morning set	-3038 Nov 28 j 04:17	4° $\mathcal{M}$ 11'23	
asc. node	-3038 Jan 17 j 07:19	19° $\mathcal{Z}$ 40'17		max. Earth dist.	-3038 Dec 04 j 20:24	15° $\mathcal{M}$ 01'15	1.41700 AU
	-3038 Jan 24 j 17:14	0° $\approx$					
evening max el	-3038 Jan 25 j 06:39	0° $\approx$ 33'31	18°31'47	superior conj	-3038 Dec 12 j 10:17	27° $\mathcal{M}$ 54'55	-1°53'51
retrograde	-3038 Feb 01 j 21:42	4° $\approx$ 17'05		minimum elong	-3038 Dec 12 j 07:51	27° $\mathcal{M}$ 44'15	1°53'50
evening set	-3038 Feb 04 j 09:34	3° $\approx$ 54'32			-3038 Dec 13 j 14:49	0° $\mathcal{X}$	
	-3038 Feb 11 j 02:11	30° $\mathcal{R}$ $\mathcal{Z}$		evening rise	-3038 Dec 23 j 04:28	17° $\mathcal{X}$ 17'53	
inferior conj	-3038 Feb 11 j 20:21	29° $\mathcal{Z}$ 24'23	3°37'45		-3038 Dec 30 j 05:15	0° $\mathcal{Z}$	
minimum elong	-3038 Feb 11 j 23:37	29° $\mathcal{Z}$ 17'54	3°37'12	asc. node	-3037 Jan 04 j 04:21	7° $\mathcal{Z}$ 59'02	
min. Earth dist.	-3038 Feb 15 j 05:57	26° $\mathcal{Z}$ 44'29	0.58581 AU	evening max el	-3037 Jan 08 j 15:18	13° $\mathcal{Z}$ 28'31	18°10'55
morning rise	-3038 Feb 19 j 11:19	24° $\mathcal{Z}$ 02'02		retrograde	-3037 Jan 15 j 12:25	16° $\mathcal{Z}$ 57'43	
direct	-3038 Feb 25 j 12:57	22° $\mathcal{Z}$ 28'10		evening set	-3037 Jan 18 j 03:42	16° $\mathcal{Z}$ 27'40	
desc. node	-3038 Feb 28 j 02:39	22° $\mathcal{Z}$ 44'46		inferior conj	-3037 Jan 24 j 23:53	11° $\mathcal{Z}$ 35'41	3°59'06
	-3038 Mar 11 j 18:53	0° $\approx$		minimum elong	-3037 Jan 25 j 00:29	11° $\mathcal{Z}$ 34'20	3°59'00
morning max el	-3038 Mar 11 j 19:38	0° $\approx$ 01'50	26°35'39	min. Earth dist.	-3037 Jan 28 j 05:16	8° $\mathcal{Z}$ 39'51	0.60611 AU
	-3038 Apr 01 j 22:59	0° $\mathcal{X}$		morning rise	-3037 Jan 31 j 19:44	5° $\mathcal{Z}$ 54'36	
morning set	-3038 Apr 10 j 05:37	16° $\mathcal{X}$ 14'21		direct	-3037 Feb 07 j 14:58	3° $\mathcal{Z}$ 43'22	
asc. node	-3038 Apr 15 j 06:45	27° $\mathcal{X}$ 04'00		desc. node	-3037 Feb 14 j 23:44	6° $\mathcal{Z}$ 00'59	
	-3038 Apr 16 j 14:56	0° $\mathcal{Y}$		morning max el	-3037 Feb 21 j 18:43	11° $\mathcal{Z}$ 25'15	27°27'40
					-3037 Mar 08 j 08:45	0° $\approx$	
superior conj	-3038 Apr 17 j 06:27	1° $\mathcal{Y}$ 25'00	0°20'45		-3037 Mar 25 j 01:37	0° $\mathcal{X}$	
minimum elong	-3038 Apr 17 j 05:33	1° $\mathcal{Y}$ 20'00	0°20'33	morning set	-3037 Mar 25 j 13:30	1° $\mathcal{X}$ 01'07	
max. Earth dist.	-3038 Apr 17 j 09:24	1° $\mathcal{Y}$ 41'09	1.32561 AU	max. Earth dist.	-3037 Mar 31 j 22:26	14° $\mathcal{X}$ 37'04	1.32558 AU
evening rise	-3038 Apr 24 j 06:24	16° $\mathcal{Y}$ 29'29					
	-3038 May 01 j 01:58	0° $\mathcal{B}$		superior conj	-3037 Apr 01 j 17:55	16° $\mathcal{X}$ 23'30	-0°04'19
	-3038 May 21 j 03:18	0° $\Pi$		minimum elong	-3037 Apr 01 j 18:07	16° $\mathcal{X}$ 24'34	0°04'18
evening max el	-3038 May 24 j 00:23	2° $\Pi$ 57'07	26°36'36	behind sun begin	-3037 Apr 01 j 13:15	15° $\mathcal{X}$ 57'58	
desc. node	-3038 May 27 j 01:33	5° $\Pi$ 37'03		behind sun end	-3037 Apr 01 j 22:59	16° $\mathcal{X}$ 51'11	
retrograde	-3038 Jun 07 j 01:28	10° $\Pi$ 15'24		asc. node	-3037 Apr 02 j 03:45	17° $\mathcal{X}$ 17'15	
evening set	-3038 Jun 13 j 14:40	8° $\Pi$ 25'16			-3037 Apr 08 j 00:31	0° $\mathcal{Y}$	
min. Earth dist.	-3038 Jun 17 j 13:46	5° $\Pi$ 44'42	0.60069 AU	evening rise	-3037 Apr 08 j 16:46	1° $\mathcal{Y}$ 25'54	
inferior conj	-3038 Jun 20 j 22:12	3° $\Pi$ 01'35	-4°25'18		-3037 Apr 24 j 08:38	0° $\mathcal{B}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-3037 May 05 j 20:28	14°♄15'38	25°26'55			-3036 Mar 30 j 00:00	0°♄	
desc. node	-3037 May 13 j 22:38	20°♄03'48		evening max el	-3036 Apr 16 j 12:12	25°♄03'13	23°57'52	
retrograde	-3037 May 19 j 21:57	21°♄26'51			-3036 Apr 23 j 01:47	0°♄		
evening set	-3037 May 25 j 10:19	20°♄15'24		desc. node	-3036 Apr 29 j 19:42	1°♄57'05		
min. Earth dist.	-3037 May 30 j 08:39	17°♄28'24	0.58059 AU	retrograde	-3036 Apr 30 j 06:48	1°♄57'34		
inferior conj	-3037 Jun 02 j 13:40	15°♄13'25	-4°12'30	evening set	-3036 May 04 j 10:30	1°♄19'15		
minimum elong	-3037 Jun 02 j 10:23	15°♄19'12	4°12'06		-3036 May 07 j 17:26	30°♄		
morning rise	-3037 Jun 10 j 13:14	10°♄55'39		min. Earth dist.	-3036 May 10 j 23:31	28°♄11'41	0.56364 AU	
direct	-3037 Jun 13 j 01:34	10°♄36'01		inferior conj	-3036 May 13 j 09:00	26°♄43'17	-3°22'06	
morning max el	-3037 Jun 21 j 11:50	14°♄33'36	18°51'37	minimum elong	-3036 May 13 j 02:53	26°♄52'44	3°20'38	
asc. node	-3037 Jun 29 j 03:10	24°♄32'44		morning rise	-3036 May 21 j 22:19	22°♄42'20		
	-3037 Jul 02 j 07:08	0°♄		direct	-3036 May 24 j 10:53	22°♄25'47		
morning set	-3037 Jul 08 j 01:03	10°♄54'53		morning max el	-3036 Jun 03 j 08:00	27°♄00'25	19°49'35	
					-3036 Jun 06 j 03:59	0°♄		
superior conj	-3037 Jul 16 j 15:39	27°♄40'13	1°48'50	asc. node	-3036 Jun 15 j 00:14	13°♄29'31		
minimum elong	-3037 Jul 16 j 15:39	27°♄40'15	1°48'55	morning set	-3036 Jun 21 j 03:02	25°♄19'25		
	-3037 Jul 17 j 21:10	0°♄			-3036 Jun 23 j 10:28	0°♄		
max. Earth dist.	-3037 Jul 23 j 12:19	10°♄20'09	1.38984 AU	superior conj	-3036 Jun 29 j 01:39	11°♄21'52	1°44'25	
evening rise	-3037 Jul 27 j 11:23	17°♄16'21		minimum elong	-3036 Jun 28 j 23:59	11°♄13'39	1°44'27	
	-3037 Aug 04 j 04:11	0°♄		max. Earth dist.	-3036 Jul 04 j 15:29	22°♄10'47	1.37087 AU	
desc. node	-3037 Aug 09 j 21:51	8°♄53'04		evening rise	-3036 Jul 08 j 12:55	29°♄21'52		
	-3037 Aug 25 j 04:23	0°♄			-3036 Jul 08 j 21:23	0°♄		
evening max el	-3037 Aug 31 j 23:26	7°♄38'39	24°19'38	desc. node	-3036 Jul 26 j 18:51	29°♄03'03		
retrograde	-3037 Sep 12 j 03:27	14°♄11'41			-3036 Jul 27 j 10:33	0°♄		
evening set	-3037 Sep 17 j 13:43	11°♄53'36		evening max el	-3036 Aug 13 j 10:10	21°♄10'20	25°34'12	
inferior conj	-3037 Sep 22 j 22:15	5°♄34'20	-0°44'28	retrograde	-3036 Aug 25 j 13:37	28°♄10'25		
minimum elong	-3037 Sep 22 j 23:18	5°♄30'46	0°43'59	evening set	-3036 Aug 31 j 14:44	25°♄35'40		
min. Earth dist.	-3037 Sep 22 j 06:41	6°♄26'41	0.67304 AU	min. Earth dist.	-3036 Sep 04 j 23:07	20°♄45'09	0.66801 AU	
asc. node	-3037 Sep 25 j 02:17	2°♄44'47		inferior conj	-3036 Sep 06 j 01:49	19°♄19'06	-1°38'00	
	-3037 Sep 27 j 16:46	30°♄		minimum elong	-3036 Sep 06 j 04:08	19°♄11'37	1°37'02	
morning rise	-3037 Sep 28 j 08:52	29°♄28'09		asc. node	-3036 Sep 10 j 23:23	13°♄54'23		
direct	-3037 Oct 02 j 04:06	28°♄05'27		morning rise	-3036 Sep 11 j 17:40	13°♄21'37		
	-3037 Oct 07 j 01:03	0°♄		direct	-3036 Sep 15 j 02:15	12°♄16'22		
morning max el	-3037 Oct 10 j 03:25	2°♄44'04	20°28'44	morning max el	-3036 Sep 22 j 07:30	16°♄23'39	19°26'09	
	-3037 Oct 30 j 01:26	0°♄			-3036 Oct 02 j 15:53	0°♄		
desc. node	-3037 Nov 05 j 21:28	10°♄26'56		morning set	-3036 Oct 16 j 06:09	20°♄53'34		
morning set	-3037 Nov 07 j 04:14	12°♄26'00			-3036 Oct 22 j 02:08	0°♄		
max. Earth dist.	-3037 Nov 17 j 04:27	28°♄14'04	1.43367 AU	desc. node	-3036 Oct 22 j 18:27	1°♄03'52		
	-3037 Nov 18 j 06:42	0°♄		max. Earth dist.	-3036 Oct 29 j 18:37	12°♄05'21	1.44466 AU	
superior conj	-3037 Nov 23 j 06:28	8°♄10'23	-1°36'42	superior conj	-3036 Nov 01 j 23:39	17°♄11'22	-1°02'21	
minimum elong	-3037 Nov 23 j 00:10	7°♄44'20	1°36'15	minimum elong	-3036 Nov 01 j 16:43	16°♄43'45	1°01'35	
evening rise	-3037 Dec 05 j 17:23	29°♄27'54			-3036 Nov 09 j 22:08	0°♄		
	-3037 Dec 06 j 00:43	0°♄		evening rise	-3036 Nov 16 j 09:52	10°♄42'36		
asc. node	-3037 Dec 22 j 01:23	25°♄30'30			-3036 Nov 28 j 04:00	0°♄		
evening max el	-3037 Dec 23 j 03:15	26°♄39'46	18°09'38	evening max el	-3036 Dec 05 j 15:46	10°♄00'27	18°27'08	
	-3037 Dec 28 j 10:31	0°♄		asc. node	-3036 Dec 07 j 22:27	12°♄00'50		
retrograde	-3037 Dec 29 j 16:41	0°♄08'01		retrograde	-3036 Dec 12 j 05:58	13°♄38'29		
	-3037 Dec 30 j 22:56	30°♄		evening set	-3036 Dec 15 j 04:58	12°♄50'31		
evening set	-3036 Jan 01 j 11:21	29°♄29'38		inferior conj	-3036 Dec 21 j 04:45	7°♄18'53	3°34'04	
inferior conj	-3036 Jan 07 j 19:59	24°♄16'43	3°55'21	minimum elong	-3036 Dec 21 j 01:59	7°♄26'51	3°33'27	
minimum elong	-3036 Jan 07 j 18:25	24°♄20'48	3°55'07	min. Earth dist.	-3036 Dec 23 j 07:20	4°♄53'13	0.64232 AU	
min. Earth dist.	-3036 Jan 10 j 13:17	21°♄27'37	0.62554 AU	morning rise	-3036 Dec 26 j 22:30	1°♄15'50		
morning rise	-3036 Jan 14 j 00:37	18°♄22'41			-3036 Dec 28 j 16:11	30°♄		
direct	-3036 Jan 21 j 01:53	15°♄44'14		direct	-3035 Jan 02 j 20:27	28°♄24'47		
desc. node	-3036 Feb 01 j 20:49	21°♄30'53			-3035 Jan 08 j 12:03	0°♄		
morning max el	-3036 Feb 03 j 23:55	23°♄30'16	27°43'51	morning max el	-3035 Jan 16 j 08:46	6°♄08'59	27°24'20	
	-3036 Feb 09 j 20:32	0°♄		desc. node	-3035 Jan 18 j 17:53	8°♄37'58		
	-3036 Feb 29 j 13:50	0°♄			-3035 Feb 03 j 16:16	0°♄		
morning set	-3036 Mar 08 j 16:16	15°♄29'52		morning set	-3035 Feb 20 j 11:07	29°♄30'17		
max. Earth dist.	-3036 Mar 14 j 07:54	27°♄18'02	1.32912 AU		-3035 Feb 20 j 17:09	0°♄		
	-3036 Mar 15 j 14:02	0°♄		max. Earth dist.	-3035 Feb 25 j 09:34	9°♄29'08	1.33665 AU	
superior conj	-3036 Mar 16 j 03:39	1°♄13'36	-0°29'49	superior conj	-3035 Feb 28 j 09:45	15°♄47'59	-0°54'49	
minimum elong	-3036 Mar 16 j 05:00	1°♄20'56	0°29'34	minimum elong	-3035 Feb 28 j 12:10	16°♄00'48	0°54'26	
asc. node	-3036 Mar 19 j 00:46	7°♄28'19		asc. node	-3035 Mar 05 j 21:48	27°♄32'10		
evening rise	-3036 Mar 23 j 04:27	16°♄22'51						

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3035 Mar 07 j 01:45	0° $\text{H}$		minimum elong	-3034 Feb 12 j 13:12	0° $\approx$ 16'21	1°17'39
evening rise	-3035 Mar 07 j 15:36	1° $\text{H}$ 12'44			-3034 Feb 12 j 10:02	0° $\approx$	
	-3035 Mar 24 j 02:50	0° $\text{Y}$		evening rise	-3034 Feb 20 j 00:27	15° $\approx$ 49'49	
evening max el	-3035 Mar 29 j 05:27	5° $\text{Y}$ 45'12	22°23'32	asc. node	-3034 Feb 20 j 18:50	17° $\approx$ 24'23	
retrograde	-3035 Apr 11 j 03:35	12° $\text{Y}$ 04'09			-3034 Feb 27 j 06:24	0° $\text{H}$	
evening set	-3035 Apr 14 j 02:15	11° $\text{Y}$ 45'03		evening max el	-3034 Mar 11 j 06:25	16° $\text{H}$ 48'22	20°56'35
desc. node	-3035 Apr 16 j 16:48	10° $\text{Y}$ 58'44		retrograde	-3034 Mar 22 j 16:54	22° $\text{H}$ 16'32	
min. Earth dist.	-3035 Apr 22 j 13:29	8° $\text{Y}$ 04'53	0.55322 AU	evening set	-3034 Mar 25 j 01:06	22° $\text{H}$ 03'39	
inferior conj	-3035 Apr 23 j 11:04	7° $\text{Y}$ 34'14	-1°50'42	inferior conj	-3034 Apr 03 j 06:03	18° $\text{H}$ 05'47	0°05'31
minimum elong	-3035 Apr 23 j 06:14	7° $\text{Y}$ 41'07	1°49'07	minimum elong	-3034 Apr 03 j 06:18	18° $\text{H}$ 05'26	0°05'24
morning rise	-3035 May 02 j 11:58	3° $\text{Y}$ 37'34		transit middle	-3034 Apr 03 j 06:18	18° $\text{H}$ 05'26	0°05'24
direct	-3035 May 05 j 03:48	3° $\text{Y}$ 21'23		transit begin	-3034 Apr 03 j 02:27	18° $\text{H}$ 10'54	
morning max el	-3035 May 16 j 17:30	8° $\text{Y}$ 46'27	21°07'07	transit end	-3034 Apr 03 j 10:09	17° $\text{H}$ 59'57	
	-3035 May 31 j 09:06	0° $\text{B}$		desc. node	-3034 Apr 03 j 13:56	17° $\text{H}$ 54'33	
asc. node	-3035 Jun 01 j 21:17	2° $\text{B}$ 54'16		min. Earth dist.	-3034 Apr 04 j 03:34	17° $\text{H}$ 35'07	0.55180 AU
morning set	-3035 Jun 05 j 10:23	10° $\text{B}$ 02'29		morning rise	-3034 Apr 12 j 10:46	13° $\text{H}$ 55'45	
				direct	-3034 Apr 15 j 15:36	13° $\text{H}$ 33'26	
superior conj	-3035 Jun 12 j 22:08	25° $\text{B}$ 36'55	1°33'15	morning max el	-3034 Apr 28 j 16:28	19° $\text{H}$ 51'22	22°40'09
minimum elong	-3035 Jun 12 j 19:40	25° $\text{B}$ 24'07	1°33'05		-3034 May 07 j 02:29	0° $\text{Y}$	
	-3035 Jun 15 j 01:36	0° $\text{II}$		asc. node	-3034 May 19 j 18:19	22° $\text{Y}$ 39'26	
max. Earth dist.	-3035 Jun 17 j 01:19	3° $\text{II}$ 59'31	1.35452 AU	morning set	-3034 May 20 j 21:00	24° $\text{Y}$ 57'40	
evening rise	-3035 Jun 21 j 09:54	12° $\text{II}$ 26'45			-3034 May 23 j 06:23	0° $\text{B}$	
	-3035 Jul 01 j 07:22	0° $\text{B}$					
desc. node	-3035 Jul 13 j 15:51	18° $\text{B}$ 49'43		superior conj	-3034 May 28 j 01:49	10° $\text{B}$ 14'51	1°17'04
	-3035 Jul 22 j 11:02	0° $\text{Q}$		minimum elong	-3034 May 27 j 23:11	10° $\text{B}$ 00'57	1°16'44
evening max el	-3035 Jul 26 j 21:23	4° $\text{Q}$ 41'39	26°35'00	max. Earth dist.	-3034 May 30 j 21:09	16° $\text{B}$ 08'31	1.34176 AU
retrograde	-3035 Aug 08 j 18:57	11° $\text{Q}$ 57'47		evening rise	-3034 Jun 04 j 21:14	26° $\text{B}$ 16'02	
evening set	-3035 Aug 15 j 09:31	9° $\text{Q}$ 12'20			-3034 Jun 06 j 19:26	0° $\text{II}$	
min. Earth dist.	-3035 Aug 19 j 10:05	4° $\text{Q}$ 59'42	0.65951 AU		-3034 Jun 24 j 15:50	0° $\text{B}$	
inferior conj	-3035 Aug 21 j 01:04	3° $\text{Q}$ 01'54	-2°29'15	desc. node	-3034 Jun 30 j 12:55	8° $\text{B}$ 02'43	
minimum elong	-3035 Aug 21 j 04:27	2° $\text{Q}$ 51'39	2°28'00	evening max el	-3034 Jul 09 j 08:57	18° $\text{B}$ 03'45	27°14'06
	-3035 Aug 23 j 16:19	30° $\text{R}$ 00		retrograde	-3034 Jul 22 j 18:50	25° $\text{B}$ 25'45	
morning rise	-3035 Aug 26 j 23:42	27° $\text{B}$ 16'05		evening set	-3034 Jul 29 j 19:19	22° $\text{B}$ 39'01	
asc. node	-3035 Aug 28 j 20:30	26° $\text{B}$ 32'16		min. Earth dist.	-3034 Aug 02 j 13:16	19° $\text{B}$ 03'23	0.64735 AU
direct	-3035 Aug 29 j 23:58	26° $\text{B}$ 24'51		inferior conj	-3034 Aug 04 j 17:40	16° $\text{B}$ 37'59	-3°15'51
morning max el	-3035 Sep 05 j 17:36	0° $\text{Q}$ 09'31	18°38'55	minimum elong	-3034 Aug 04 j 21:39	16° $\text{B}$ 26'55	3°14'39
	-3035 Sep 05 j 13:49	0° $\text{Q}$		morning rise	-3034 Aug 11 j 00:34	11° $\text{B}$ 07'08	
	-3035 Sep 25 j 22:56	0° $\text{P}$		direct	-3034 Aug 13 j 19:00	10° $\text{B}$ 26'35	
morning set	-3035 Sep 26 j 06:07	0° $\text{P}$ 28'51		asc. node	-3034 Aug 15 j 17:36	10° $\text{B}$ 46'32	
desc. node	-3035 Oct 09 j 15:25	21° $\text{P}$ 46'34		morning max el	-3034 Aug 20 j 07:28	13° $\text{B}$ 56'53	18°08'27
					-3034 Aug 31 j 14:00	0° $\text{Q}$	
superior conj	-3035 Oct 12 j 00:15	25° $\text{P}$ 30'30	-0°15'07	morning set	-3034 Sep 07 j 09:54	11° $\text{Q}$ 24'47	
minimum elong	-3035 Oct 11 j 22:15	25° $\text{P}$ 22'37	0°14'50		-3034 Sep 18 j 16:13	0° $\text{P}$	
behind sun begin	-3035 Oct 11 j 17:27	25° $\text{P}$ 03'43					
behind sun end	-3035 Oct 12 j 03:03	25° $\text{P}$ 41'31		superior conj	-3034 Sep 21 j 05:52	4° $\text{P}$ 08'16	0°33'25
max. Earth dist.	-3035 Oct 12 j 12:02	26° $\text{P}$ 16'56	1.44875 AU	minimum elong	-3034 Sep 21 j 09:44	4° $\text{P}$ 23'48	0°32'59
	-3035 Oct 14 j 20:43	0° $\text{Q}$		max. Earth dist.	-3034 Sep 25 j 06:02	10° $\text{P}$ 31'30	1.44558 AU
evening rise	-3035 Oct 28 j 02:09	20° $\text{Q}$ 55'02		desc. node	-3034 Sep 26 j 12:22	12° $\text{P}$ 31'29	
	-3035 Nov 02 j 18:58	0° $\text{M}$		evening rise	-3034 Oct 07 j 19:10	0° $\text{Q}$ 09'00	
greatest brilliancy	-3035 Nov 04 j 20:55	3° $\text{M}$ 18'10	-0.8m		-3034 Oct 07 j 16:50	0° $\text{Q}$	
evening max el	-3035 Nov 19 j 02:20	23° $\text{M}$ 26'11	19°02'18	greatest brilliancy	-3034 Oct 20 j 22:47	20° $\text{Q}$ 16'56	-0.7m
asc. node	-3035 Nov 24 j 19:33	27° $\text{M}$ 14'55			-3034 Oct 27 j 16:57	0° $\text{M}$	
retrograde	-3035 Nov 26 j 00:33	27° $\text{M}$ 23'07		evening max el	-3034 Nov 02 j 08:44	6° $\text{M}$ 52'59	19°53'30
evening set	-3035 Nov 29 j 05:34	26° $\text{M}$ 23'38		retrograde	-3034 Nov 09 j 21:30	11° $\text{M}$ 16'53	
inferior conj	-3035 Dec 04 j 22:43	20° $\text{M}$ 35'59	3°00'41	asc. node	-3034 Nov 11 j 16:39	10° $\text{M}$ 58'11	
minimum elong	-3035 Dec 04 j 19:38	20° $\text{M}$ 45'36	2°59'46	evening set	-3034 Nov 13 j 10:37	10° $\text{M}$ 03'29	
min. Earth dist.	-3035 Dec 06 j 10:47	18° $\text{M}$ 43'22	0.65563 AU	inferior conj	-3034 Nov 18 j 22:59	4° $\text{M}$ 02'45	2°18'54
morning rise	-3035 Dec 10 j 09:24	14° $\text{M}$ 26'44		minimum elong	-3034 Nov 18 j 20:14	4° $\text{M}$ 11'51	2°17'55
direct	-3035 Dec 16 j 21:28	11° $\text{M}$ 37'29		min. Earth dist.	-3034 Nov 19 j 21:54	2° $\text{M}$ 47'02	0.66527 AU
morning max el	-3035 Dec 29 j 18:24	19° $\text{M}$ 09'04	26°34'28		-3034 Nov 22 j 03:15	30° $\text{R}$ 00	
desc. node	-3034 Jan 05 j 14:57	26° $\text{M}$ 54'00		morning rise	-3034 Nov 24 j 05:39	27° $\text{Q}$ 49'39	
	-3034 Jan 08 j 01:13	0° $\text{J}$		direct	-3034 Nov 30 j 04:02	25° $\text{Q}$ 13'13	
	-3034 Jan 27 j 16:22	0° $\text{Z}$			-3034 Dec 09 j 16:22	0° $\text{M}$	
morning set	-3034 Feb 03 j 18:27	12° $\text{Z}$ 51'07		morning max el	-3034 Dec 12 j 03:13	2° $\text{M}$ 18'57	25°22'44
max. Earth dist.	-3034 Feb 08 j 00:10	21° $\text{Z}$ 04'03	1.34865 AU	desc. node	-3034 Dec 23 j 11:58	15° $\text{M}$ 58'06	
					-3033 Jan 02 j 05:01	0° $\text{J}$	
superior conj	-3034 Feb 12 j 10:03	0° $\approx$ 00'06	-1°18'02	morning set	-3033 Jan 17 j 09:23	25° $\text{J}$ 17'46	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3033 Jan 19 j 23:00	0°♄					-3033 Dec 26 j 04:24	0°♄			
max. Earth dist.	-3033 Jan 21 j 03:21	2°♄12'29	1.36503 AU		morning set		-3033 Dec 30 j 01:52	6°♄33'47			
					max. Earth dist.		-3032 Jan 02 j 23:43	13°♄23'50	1.38476 AU		
superior conj	-3033 Jan 27 j 01:43	13°♄41'20	-1°37'46								
minimum elong	-3033 Jan 27 j 04:58	13°♄57'28	1°37'32		superior conj		-3032 Jan 10 j 05:02	26°♄41'06	-1°51'41		
evening rise	-3033 Feb 04 j 04:56	0°♄07'43			minimum elong		-3032 Jan 10 j 07:16	26°♄51'45	1°51'41		
	-3033 Feb 04 j 03:24	0°♄					-3032 Jan 11 j 22:40	0°♄			
asc. node	-3033 Feb 07 j 15:53	6°♄59'49			evening rise		-3032 Jan 19 j 02:37	13°♄59'25			
evening max el	-3033 Feb 21 j 17:54	28°♄26'20	19°45'08		asc. node		-3032 Jan 25 j 12:54	26°♄11'52			
	-3033 Feb 23 j 13:09	0°♄					-3032 Jan 27 j 17:29	0°♄			
retrograde	-3033 Mar 03 j 11:24	3°♄04'00			evening max el		-3032 Feb 04 j 15:25	10°♄39'08	18°52'46		
evening set	-3033 Mar 05 j 17:58	2°♄50'00			retrograde		-3032 Feb 12 j 22:01	14°♄38'22			
	-3033 Mar 12 j 08:49	30°♄			evening set		-3032 Feb 15 j 07:39	14°♄19'35			
inferior conj	-3033 Mar 14 j 08:13	28°♄47'21	1°54'08		inferior conj		-3032 Feb 23 j 04:03	10°♄00'43	3°10'42		
minimum elong	-3033 Mar 14 j 12:33	28°♄40'34	1°52'45		minimum elong		-3032 Feb 23 j 08:31	9°♄52'35	3°09'41		
min. Earth dist.	-3033 Mar 16 j 17:51	27°♄17'31	0.55963 AU		min. Earth dist.		-3032 Feb 26 j 09:40	7°♄41'14	0.57484 AU		
desc. node	-3033 Mar 21 j 11:02	24°♄47'50			morning rise		-3032 Mar 02 j 06:46	4°♄52'49			
morning rise	-3033 Mar 23 j 04:45	24°♄09'54			desc. node		-3032 Mar 07 j 08:08	3°♄41'58			
direct	-3033 Mar 27 j 10:13	23°♄30'05			direct		-3032 Mar 07 j 17:18	3°♄41'37			
	-3033 Apr 09 j 20:02	0°♄			morning max el		-3032 Mar 21 j 23:49	11°♄06'24	25°52'04		
morning max el	-3033 Apr 10 j 08:31	0°♄29'19	24°19'46				-3032 Apr 05 j 11:52	0°♄			
	-3033 Apr 30 j 10:41	0°♄			morning set		-3032 Apr 18 j 20:57	25°♄00'23			
morning set	-3033 May 05 j 09:06	9°♄59'21					-3032 Apr 21 j 05:19	0°♄			
asc. node	-3033 May 06 j 15:20	12°♄39'10			asc. node		-3032 Apr 22 j 12:20	2°♄47'36			
superior conj	-3033 May 12 j 10:09	25°♄07'49	0°57'11		superior conj		-3032 Apr 25 j 21:02	10°♄07'47	0°34'38		
minimum elong	-3033 May 12 j 07:54	24°♄55'44	0°56'49		minimum elong		-3032 Apr 25 j 19:34	9°♄59'45	0°34'19		
max. Earth dist.	-3033 May 14 j 02:12	28°♄43'31	1.33271 AU		max. Earth dist.		-3032 Apr 26 j 13:10	11°♄35'51	1.32721 AU		
	-3033 May 14 j 16:30	0°♄			evening rise		-3032 May 02 j 23:06	25°♄18'14			
evening rise	-3033 May 19 j 18:44	10°♄37'06					-3032 May 05 j 06:27	0°♄			
	-3033 May 30 j 02:39	0°♄					-3032 May 22 j 18:34	0°♄			
desc. node	-3033 Jun 17 j 09:59	26°♄27'55			evening max el		-3032 Jun 03 j 00:39	13°♄28'45	27°03'29		
	-3033 Jun 20 j 16:48	0°♄			desc. node		-3032 Jun 03 j 07:03	13°♄43'56			
evening max el	-3033 Jun 21 j 18:58	1°♄04'12	27°24'57		retrograde		-3032 Jun 16 j 23:26	20°♄49'14			
retrograde	-3033 Jul 05 j 12:32	8°♄26'18			evening set		-3032 Jun 23 j 21:45	18°♄38'39			
evening set	-3033 Jul 12 j 16:46	5°♄50'40			min. Earth dist.		-3032 Jun 27 j 14:15	15°♄54'30	0.61252 AU		
min. Earth dist.	-3033 Jul 16 j 06:51	2°♄46'40	0.63151 AU		inferior conj		-3032 Jun 30 j 19:32	13°♄04'56	-4°19'39		
inferior conj	-3033 Jul 19 j 00:56	0°♄02'02	-3°54'22		minimum elong		-3032 Jun 30 j 21:39	13°♄00'15	4°19'23		
minimum elong	-3033 Jul 19 j 04:40	29°♄52'43	3°53'34		morning rise		-3032 Jul 07 j 23:11	8°♄13'23			
	-3033 Jul 19 j 01:45	30°♄			direct		-3032 Jul 10 j 12:07	7°♄46'54			
morning rise	-3033 Jul 25 j 17:32	24°♄49'24			morning max el		-3032 Jul 17 j 12:04	11°♄14'46	18°01'54		
direct	-3033 Jul 28 j 08:19	24°♄16'52			asc. node		-3032 Jul 19 j 11:41	13°♄23'51			
asc. node	-3033 Aug 02 j 14:40	26°♄29'05					-3032 Jul 29 j 23:21	0°♄			
morning max el	-3033 Aug 03 j 22:34	27°♄41'10	17°55'49		morning set		-3032 Aug 02 j 12:30	6°♄29'48			
	-3033 Aug 06 j 00:36	0°♄									
morning set	-3033 Aug 20 j 13:58	23°♄30'42			superior conj		-3032 Aug 12 j 19:17	25°♄07'08	1°36'18		
	-3033 Aug 24 j 06:49	0°♄			minimum elong		-3032 Aug 12 j 23:12	25°♄24'21	1°36'05		
							-3032 Aug 15 j 14:39	0°♄			
superior conj	-3033 Sep 01 j 10:46	13°♄56'33	1°11'57		max. Earth dist.		-3032 Aug 20 j 07:39	7°♄57'47	1.42005 AU		
minimum elong	-3033 Sep 01 j 16:22	14°♄19'56	1°11'25		evening rise		-3032 Aug 26 j 12:04	18°♄01'23			
max. Earth dist.	-3033 Sep 07 j 21:36	24°♄31'39	1.43559 AU		desc. node		-3032 Aug 30 j 06:21	23°♄56'41			
	-3033 Sep 11 j 07:42	0°♄					-3032 Sep 03 j 04:52	0°♄			
desc. node	-3033 Sep 13 j 09:21	3°♄16'03					-3032 Sep 24 j 18:02	0°♄			
evening rise	-3033 Sep 17 j 00:08	8°♄54'39			evening max el		-3032 Sep 28 j 03:54	3°♄45'19	22°13'22		
	-3033 Sep 30 j 23:25	0°♄			retrograde		-3032 Oct 07 j 14:14	9°♄21'44			
evening max el	-3033 Oct 16 j 09:24	20°♄19'22	20°58'18		evening set		-3032 Oct 12 j 01:51	7°♄33'43			
retrograde	-3033 Oct 24 j 18:37	25°♄17'16			asc. node		-3032 Oct 15 j 10:46	3°♄55'21			
evening set	-3033 Oct 28 j 17:59	23°♄47'31			inferior conj		-3032 Oct 17 j 09:38	1°♄16'48	0°40'04		
asc. node	-3033 Oct 29 j 13:43	23°♄06'22			minimum elong		-3032 Oct 17 j 08:43	1°♄19'59	0°39'40		
inferior conj	-3033 Nov 03 j 03:17	17°♄36'56	1°31'22		min. Earth dist.		-3032 Oct 17 j 10:18	1°♄14'30	0.67442 AU		
minimum elong	-3033 Nov 03 j 01:18	17°♄43'43	1°30'34				-3032 Oct 18 j 07:57	30°♄			
min. Earth dist.	-3033 Nov 03 j 14:31	16°♄58'30	0.67145 AU		morning rise		-3032 Oct 22 j 15:27	25°♄03'01			
morning rise	-3033 Nov 08 j 08:27	11°♄22'15			direct		-3032 Oct 27 j 07:27	23°♄07'42			
direct	-3033 Nov 13 j 15:32	9°♄05'09			morning max el		-3032 Nov 05 j 23:02	28°♄52'04	22°32'05		
morning max el	-3033 Nov 24 j 11:55	15°♄33'20	23°58'45				-3032 Nov 07 j 01:05	0°♄			
	-3033 Dec 06 j 08:46	0°♄			desc. node		-3032 Nov 26 j 05:57	25°♄39'16			
desc. node	-3033 Dec 10 j 08:58	5°♄36'25					-3032 Nov 29 j 03:21	0°♄			

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3032 Dec 09 j 14:27	16° $\mathbb{M}$ 27'07		direct	-3031 Oct 11 j 02:53	7° $\mathbb{M}$ 16'09	
max. Earth dist.	-3032 Dec 14 j 20:39	25° $\mathbb{M}$ 11'34	1.40556 AU	morning max el	-3031 Oct 19 j 15:35	12° $\mathbb{M}$ 17'23	21°10'41
	-3032 Dec 17 j 15:56	0° $\mathbb{A}$			-3031 Nov 02 j 09:09	0° $\mathbb{A}$	
				desc. node	-3031 Nov 13 j 02:56	15° $\mathbb{A}$ 59'13	
superior conj	-3032 Dec 22 j 15:13	8° $\mathbb{A}$ 47'13	-1°56'37	morning set	-3031 Nov 18 j 23:53	25° $\mathbb{A}$ 04'48	
minimum elong	-3032 Dec 22 j 14:56	8° $\mathbb{A}$ 45'54	1°56'42		-3031 Nov 22 j 02:36	0° $\mathbb{M}$	
evening rise	-3031 Jan 01 j 14:33	27° $\mathbb{A}$ 17'52		max. Earth dist.	-3031 Nov 26 j 23:37	7° $\mathbb{M}$ 51'52	1.42460 AU
	-3031 Jan 03 j 01:00	0° $\mathbb{B}$					
asc. node	-3031 Jan 11 j 09:56	14° $\mathbb{B}$ 52'53		superior conj	-3031 Dec 04 j 02:40	19° $\mathbb{M}$ 45'56	-1°48'38
evening max el	-3031 Jan 17 j 20:49	23° $\mathbb{B}$ 20'59	18°20'30	minimum elong	-3031 Dec 03 j 22:29	19° $\mathbb{M}$ 28'07	1°48'28
retrograde	-3031 Jan 25 j 03:09	26° $\mathbb{B}$ 57'06			-3031 Dec 10 j 00:01	0° $\mathbb{A}$	
evening set	-3031 Jan 27 j 16:21	26° $\mathbb{B}$ 31'37		evening rise	-3031 Dec 15 j 13:04	9° $\mathbb{A}$ 54'39	
inferior conj	-3031 Feb 03 j 20:32	21° $\mathbb{B}$ 52'15	3°50'27		-3031 Dec 27 j 05:59	0° $\mathbb{B}$	
minimum elong	-3031 Feb 03 j 22:41	21° $\mathbb{B}$ 47'43	3°50'10	asc. node	-3031 Dec 29 j 06:59	2° $\mathbb{B}$ 52'48	
min. Earth dist.	-3031 Feb 07 j 05:41	19° $\mathbb{B}$ 02'25	0.59426 AU	evening max el	-3030 Jan 01 j 07:14	6° $\mathbb{B}$ 23'29	18°08'06
morning rise	-3031 Feb 11 j 02:57	16° $\mathbb{B}$ 20'40		retrograde	-3030 Jan 07 j 24:00	9° $\mathbb{B}$ 50'44	
direct	-3031 Feb 17 j 13:13	14° $\mathbb{B}$ 30'18		evening set	-3030 Jan 10 j 16:37	9° $\mathbb{B}$ 17'21	
desc. node	-3031 Feb 22 j 05:11	15° $\mathbb{B}$ 25'29		inferior conj	-3030 Jan 17 j 07:34	4° $\mathbb{B}$ 16'39	4°00'04
morning max el	-3031 Mar 03 j 19:33	22° $\mathbb{B}$ 08'55	27°01'59	minimum elong	-3030 Jan 17 j 07:08	4° $\mathbb{B}$ 17'42	3°59'58
	-3031 Mar 10 j 18:01	0° $\mathbb{A}$		min. Earth dist.	-3030 Jan 20 j 08:36	1° $\mathbb{B}$ 20'48	0.61458 AU
	-3031 Mar 29 j 08:33	0° $\mathbb{H}$			-3030 Jan 21 j 21:05	30° $\mathbb{R}$ $\mathbb{A}$	
morning set	-3031 Apr 03 j 06:49	9° $\mathbb{H}$ 54'25		morning rise	-3030 Jan 23 j 20:23	28° $\mathbb{A}$ 29'23	
asc. node	-3031 Apr 09 j 09:22	23° $\mathbb{H}$ 00'25		direct	-3030 Jan 30 j 19:38	26° $\mathbb{A}$ 04'31	
				desc. node	-3030 Feb 09 j 02:15	29° $\mathbb{A}$ 42'13	
superior conj	-3031 Apr 10 j 08:47	25° $\mathbb{H}$ 08'37	0°10'15		-3030 Feb 09 j 11:53	0° $\mathbb{B}$	
minimum elong	-3031 Apr 10 j 08:20	25° $\mathbb{H}$ 06'07	0°10'09	morning max el	-3030 Feb 13 j 21:20	3° $\mathbb{B}$ 49'30	27°39'01
behind sun begin	-3031 Apr 10 j 04:28	24° $\mathbb{H}$ 45'00			-3030 Mar 05 j 07:33	0° $\mathbb{A}$	
behind sun end	-3031 Apr 10 j 12:11	25° $\mathbb{H}$ 27'15		morning set	-3030 Mar 18 j 12:48	24° $\mathbb{A}$ 33'58	
max. Earth dist.	-3031 Apr 10 j 02:25	24° $\mathbb{H}$ 33'47	1.32514 AU		-3030 Mar 21 j 03:26	0° $\mathbb{H}$	
	-3031 Apr 12 j 14:02	0° $\mathbb{Y}$		max. Earth dist.	-3030 Mar 24 j 14:10	7° $\mathbb{H}$ 23'19	1.32655 AU
evening rise	-3031 Apr 17 j 07:53	10° $\mathbb{Y}$ 11'04					
	-3031 Apr 27 j 14:26	0° $\mathbb{B}$		superior conj	-3030 Mar 25 j 19:44	10° $\mathbb{H}$ 03'59	-0°15'08
evening max el	-3031 May 16 j 00:13	25° $\mathbb{B}$ 10'41	26°09'59	minimum elong	-3030 Mar 25 j 20:25	10° $\mathbb{H}$ 07'44	0°15'00
desc. node	-3031 May 21 j 04:07	29° $\mathbb{B}$ 22'30		behind sun begin	-3030 Mar 25 j 18:48	9° $\mathbb{H}$ 58'55	
	-3031 May 22 j 03:59	0° $\mathbb{H}$		behind sun end	-3030 Mar 25 j 22:02	10° $\mathbb{H}$ 16'33	
retrograde	-3031 May 30 j 02:13	2° $\mathbb{H}$ 27'28		asc. node	-3030 Mar 27 j 06:24	13° $\mathbb{H}$ 13'00	
evening set	-3031 Jun 05 j 06:15	0° $\mathbb{H}$ 53'22		evening rise	-3030 Apr 01 j 19:00	25° $\mathbb{H}$ 07'55	
	-3031 Jun 06 j 20:55	30° $\mathbb{R}$ $\mathbb{B}$			-3030 Apr 04 j 03:17	0° $\mathbb{Y}$	
min. Earth dist.	-3031 Jun 09 j 13:01	28° $\mathbb{B}$ 12'05	0.59201 AU		-3030 Apr 22 j 03:10	0° $\mathbb{B}$	
inferior conj	-3031 Jun 12 j 21:51	25° $\mathbb{B}$ 37'57	-4°23'48	evening max el	-3030 Apr 27 j 18:03	6° $\mathbb{B}$ 13'55	24°50'45
minimum elong	-3031 Jun 12 j 20:49	25° $\mathbb{B}$ 39'56	4°23'42	desc. node	-3030 May 08 j 01:11	12° $\mathbb{B}$ 48'00	
morning rise	-3031 Jun 20 j 13:51	21° $\mathbb{B}$ 08'21		retrograde	-3030 May 11 j 18:20	13° $\mathbb{B}$ 19'58	
direct	-3031 Jun 23 j 02:03	20° $\mathbb{B}$ 46'39		evening set	-3030 May 16 j 16:54	12° $\mathbb{B}$ 24'14	
morning max el	-3031 Jun 30 j 21:04	24° $\mathbb{B}$ 29'42	18°27'35	min. Earth dist.	-3030 May 22 j 06:10	9° $\mathbb{B}$ 29'41	0.57275 AU
	-3031 Jul 05 j 11:51	0° $\mathbb{H}$		inferior conj	-3030 May 25 j 04:52	7° $\mathbb{B}$ 32'40	-3°56'18
asc. node	-3031 Jul 06 j 08:44	1° $\mathbb{H}$ 15'53		minimum elong	-3030 May 25 j 00:05	7° $\mathbb{B}$ 40'39	3°55'28
morning set	-3031 Jul 17 j 00:34	20° $\mathbb{H}$ 09'18		morning rise	-3030 Jun 02 j 10:15	3° $\mathbb{B}$ 22'46	
	-3031 Jul 22 j 03:51	0° $\mathbb{B}$		direct	-3030 Jun 04 j 22:24	3° $\mathbb{B}$ 04'43	
				morning max el	-3030 Jun 13 j 22:38	7° $\mathbb{B}$ 16'44	19°13'42
superior conj	-3031 Jul 26 j 03:25	7° $\mathbb{B}$ 28'34	1°47'24	asc. node	-3030 Jun 23 j 05:48	19° $\mathbb{B}$ 52'23	
minimum elong	-3031 Jul 26 j 04:45	7° $\mathbb{B}$ 34'43	1°47'28		-3030 Jun 28 j 17:29	0° $\mathbb{H}$	
max. Earth dist.	-3031 Aug 02 j 11:48	20° $\mathbb{B}$ 39'18	1.40118 AU	morning set	-3030 Jun 30 j 22:25	4° $\mathbb{H}$ 20'08	
evening rise	-3031 Aug 06 j 22:09	28° $\mathbb{B}$ 11'18					
	-3031 Aug 08 j 00:22	0° $\mathbb{Q}$		superior conj	-3030 Jul 09 j 05:30	20° $\mathbb{H}$ 45'21	1°47'55
desc. node	-3031 Aug 17 j 03:21	14° $\mathbb{Q}$ 29'22		minimum elong	-3030 Jul 09 j 04:42	20° $\mathbb{H}$ 41'27	1°48'00
	-3031 Aug 27 j 18:21	0° $\mathbb{M}$			-3030 Jul 14 j 02:18	0° $\mathbb{B}$	
evening max el	-3031 Sep 10 j 17:33	17° $\mathbb{M}$ 12'34	23°33'43	max. Earth dist.	-3030 Jul 15 j 13:49	2° $\mathbb{B}$ 43'30	1.38159 AU
retrograde	-3031 Sep 21 j 06:55	23° $\mathbb{M}$ 26'55		evening rise	-3030 Jul 19 j 10:16	9° $\mathbb{B}$ 37'23	
evening set	-3031 Sep 26 j 08:29	21° $\mathbb{M}$ 19'48			-3030 Jul 31 j 19:48	0° $\mathbb{Q}$	
inferior conj	-3031 Oct 01 j 16:17	15° $\mathbb{M}$ 00'14	-0°13'22	desc. node	-3030 Aug 04 j 00:22	4° $\mathbb{Q}$ 49'37	
minimum elong	-3031 Oct 01 j 16:36	14° $\mathbb{M}$ 59'09	0°13'13		-3030 Aug 23 j 11:26	0° $\mathbb{M}$	
transit middle	-3031 Oct 01 j 16:36	14° $\mathbb{M}$ 59'09	0°13'13	evening max el	-3030 Aug 24 j 04:54	0° $\mathbb{M}$ 43'48	24°52'35
transit begin	-3031 Oct 01 j 15:00	15° $\mathbb{M}$ 04'36		retrograde	-3030 Sep 04 j 19:36	7° $\mathbb{M}$ 29'33	
transit end	-3031 Oct 01 j 18:11	14° $\mathbb{M}$ 53'42		evening set	-3030 Sep 10 j 12:07	5° $\mathbb{M}$ 04'13	
min. Earth dist.	-3031 Oct 01 j 06:45	15° $\mathbb{M}$ 32'50	0.67438 AU		-3030 Sep 14 j 23:05	30° $\mathbb{R}$ $\mathbb{Q}$	
asc. node	-3031 Oct 02 j 07:50	14° $\mathbb{M}$ 07'10		min. Earth dist.	-3030 Sep 15 j 01:27	29° $\mathbb{Q}$ 52'14	0.67130 AU
morning rise	-3031 Oct 07 j 00:38	8° $\mathbb{M}$ 50'13		inferior conj	-3030 Sep 15 j 21:32	28° $\mathbb{Q}$ 45'41	-1°07'19

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-3030 Sep 15 j 23:08	28° $\Omega$ 40'22	1°06'37	asc. node	-3029 Sep 06 j 02:02	6° $\Omega$ 25'32	
asc. node	-3030 Sep 19 j 04:55	24° $\Omega$ 41'00		direct	-3029 Sep 08 j 22:57	5° $\Omega$ 38'03	
morning rise	-3030 Sep 21 j 10:10	22° $\Omega$ 42'32		morning max el	-3029 Sep 15 j 22:15	9° $\Omega$ 34'13	19°04'01
direct	-3030 Sep 25 j 00:37	21° $\Omega$ 27'30			-3029 Sep 30 j 13:41	0° $\mathbb{M}$	
morning max el	-3030 Oct 02 j 15:25	25° $\Omega$ 51'48	20°00'15	morning set	-3029 Oct 08 j 07:16	12° $\mathbb{M}$ 08'16	
	-3030 Oct 06 j 06:08	0° $\mathbb{M}$		desc. node	-3029 Oct 17 j 20:56	27° $\mathbb{M}$ 11'00	
	-3030 Oct 26 j 18:51	0° $\underline{\Omega}$			-3029 Oct 19 j 15:55	0° $\underline{\Omega}$	
morning set	-3030 Oct 28 j 21:33	3° $\underline{\Omega}$ 15'52		max. Earth dist.	-3029 Oct 23 j 02:45	5° $\underline{\Omega}$ 26'08	1.44739 AU
desc. node	-3030 Oct 30 j 23:56	6° $\underline{\Omega}$ 31'20					
max. Earth dist.	-3030 Nov 09 j 10:19	21° $\underline{\Omega}$ 22'14	1.43919 AU	superior conj	-3029 Oct 24 j 19:04	8° $\underline{\Omega}$ 05'19	-0°43'18
				minimum elong	-3029 Oct 24 j 13:39	7° $\underline{\Omega}$ 43'56	0°42'39
superior conj	-3030 Nov 14 j 11:05	29° $\underline{\Omega}$ 28'41	-1°24'10		-3029 Nov 07 j 11:21	0° $\mathbb{M}$	
minimum elong	-3030 Nov 14 j 03:53	28° $\underline{\Omega}$ 59'23	1°23'31	evening rise	-3029 Nov 09 j 00:18	2° $\mathbb{M}$ 30'23	
	-3030 Nov 14 j 18:47	0° $\mathbb{M}$			-3029 Nov 26 j 16:35	0° $\mathbb{M}$	
evening rise	-3030 Nov 27 j 17:49	21° $\mathbb{M}$ 41'45		evening max el	-3029 Nov 29 j 07:49	3° $\mathbb{M}$ 02'49	18°40'01
	-3030 Dec 02 j 14:10	0° $\mathbb{M}$		asc. node	-3029 Dec 03 j 01:05	5° $\mathbb{M}$ 59'40	
evening max el	-3030 Dec 15 j 19:49	19° $\mathbb{M}$ 39'28	18°14'52	retrograde	-3029 Dec 06 j 00:26	6° $\mathbb{M}$ 47'38	
asc. node	-3030 Dec 16 j 04:02	19° $\mathbb{M}$ 59'51		evening set	-3029 Dec 09 j 01:52	5° $\mathbb{M}$ 54'50	
retrograde	-3030 Dec 22 j 08:27	23° $\mathbb{M}$ 10'15		inferior conj	-3029 Dec 14 j 22:33	0° $\mathbb{M}$ 15'49	3°21'05
evening set	-3030 Dec 25 j 04:54	22° $\mathbb{M}$ 27'52		minimum elong	-3029 Dec 14 j 19:34	0° $\mathbb{M}$ 24'46	3°20'20
inferior conj	-3030 Dec 31 j 09:29	17° $\mathbb{M}$ 06'48	3°48'02		-3029 Dec 15 j 03:49	30° $\mathbb{M}$	
minimum elong	-3030 Dec 31 j 07:18	17° $\mathbb{M}$ 12'46	3°47'39	min. Earth dist.	-3029 Dec 16 j 18:44	28° $\mathbb{M}$ 03'46	0.64846 AU
min. Earth dist.	-3029 Jan 02 j 20:41	14° $\mathbb{M}$ 26'07	0.63317 AU	morning rise	-3029 Dec 20 j 12:54	24° $\mathbb{M}$ 09'59	
morning rise	-3029 Jan 06 j 09:01	11° $\mathbb{M}$ 08'49		direct	-3029 Dec 27 j 07:14	21° $\mathbb{M}$ 18'27	
direct	-3029 Jan 13 j 10:04	8° $\mathbb{M}$ 22'59		morning max el	-3028 Jan 09 j 13:38	28° $\mathbb{M}$ 57'57	27°06'27
desc. node	-3029 Jan 26 j 23:19	15° $\mathbb{M}$ 56'45			-3028 Jan 10 j 14:02	0° $\mathbb{M}$	
morning max el	-3029 Jan 27 j 04:08	16° $\mathbb{M}$ 08'35	27°39'36	desc. node	-3028 Jan 13 j 20:24	3° $\mathbb{M}$ 36'03	
	-3029 Feb 07 j 15:42	0° $\mathbb{M}$			-3028 Feb 01 j 11:19	0° $\mathbb{M}$	
	-3029 Feb 25 j 23:10	0° $\approx$		morning set	-3028 Feb 14 j 03:01	22° $\mathbb{M}$ 36'08	
morning set	-3029 Mar 02 j 12:32	8° $\approx$ 50'59			-3028 Feb 17 j 20:44	0° $\approx$	
max. Earth dist.	-3029 Mar 07 j 20:38	19° $\approx$ 51'36	1.33179 AU	max. Earth dist.	-3028 Feb 18 j 18:12	1° $\approx$ 48'57	1.34122 AU
superior conj	-3029 Mar 10 j 04:09	24° $\approx$ 47'42	-0°40'34	superior conj	-3028 Feb 22 j 08:07	9° $\approx$ 13'40	-1°04'58
minimum elong	-3029 Mar 10 j 05:59	24° $\approx$ 57'31	0°40'14	minimum elong	-3028 Feb 22 j 10:54	9° $\approx$ 28'17	1°04'34
	-3029 Mar 12 j 14:08	0° $\mathbb{M}$		asc. node	-3028 Feb 29 j 00:28	23° $\approx$ 20'43	
asc. node	-3029 Mar 14 j 03:26	3° $\mathbb{M}$ 21'06		evening rise	-3028 Feb 29 j 17:08	24° $\approx$ 47'50	
evening rise	-3029 Mar 17 j 06:41	10° $\mathbb{M}$ 02'10			-3028 Mar 03 j 05:56	0° $\mathbb{M}$	
	-3029 Mar 27 j 16:33	0° $\mathbb{Y}$		evening max el	-3028 Mar 21 j 05:40	27° $\mathbb{M}$ 43'45	21°45'01
evening max el	-3029 Apr 09 j 09:47	16° $\mathbb{Y}$ 55'38	23°17'39		-3028 Mar 23 j 21:07	0° $\mathbb{Y}$	
retrograde	-3029 Apr 22 j 21:26	23° $\mathbb{Y}$ 36'35		retrograde	-3028 Apr 02 j 13:46	3° $\mathbb{Y}$ 42'18	
desc. node	-3029 Apr 24 j 22:16	23° $\mathbb{Y}$ 27'23		evening set	-3028 Apr 05 j 04:37	3° $\mathbb{Y}$ 26'54	
evening set	-3029 Apr 26 j 11:34	23° $\mathbb{Y}$ 08'23		desc. node	-3028 Apr 10 j 19:22	1° $\mathbb{Y}$ 25'13	
min. Earth dist.	-3029 May 03 j 20:23	19° $\mathbb{Y}$ 48'46	0.55820 AU		-3028 Apr 13 j 11:27	30° $\mathbb{M}$	
inferior conj	-3029 May 05 j 16:05	18° $\mathbb{Y}$ 44'25	-2°47'59	inferior conj	-3028 Apr 14 j 13:29	29° $\mathbb{M}$ 23'34	-1°02'41
minimum elong	-3029 May 05 j 09:53	18° $\mathbb{Y}$ 53'34	2°46'14	minimum elong	-3028 Apr 14 j 10:34	29° $\mathbb{M}$ 27'39	1°01'41
morning rise	-3029 May 14 j 10:48	14° $\mathbb{Y}$ 47'00		min. Earth dist.	-3028 Apr 14 j 09:58	29° $\mathbb{M}$ 28'30	0.55142 AU
direct	-3029 May 17 j 00:17	14° $\mathbb{Y}$ 30'56		morning rise	-3028 Apr 23 j 17:22	25° $\mathbb{M}$ 23'57	
morning max el	-3029 May 27 j 14:16	19° $\mathbb{Y}$ 25'58	20°20'20	direct	-3028 Apr 26 j 13:22	25° $\mathbb{M}$ 06'12	
	-3029 Jun 04 j 22:25	0° $\mathbb{M}$			-3028 May 07 j 19:12	0° $\mathbb{Y}$	
asc. node	-3029 Jun 10 j 02:53	9° $\mathbb{M}$ 02'00		morning max el	-3028 May 08 j 19:03	0° $\mathbb{Y}$ 53'36	21°45'18
morning set	-3029 Jun 15 j 03:01	18° $\mathbb{M}$ 53'30		asc. node	-3028 May 26 j 23:57	28° $\mathbb{Y}$ 36'22	
	-3029 Jun 20 j 12:58	0° $\mathbb{M}$			-3028 May 27 j 16:33	0° $\mathbb{M}$	
				morning set	-3028 May 29 j 12:01	3° $\mathbb{M}$ 42'44	
superior conj	-3029 Jun 22 j 20:26	4° $\mathbb{M}$ 42'21	1°40'25	superior conj	-3028 Jun 05 j 20:21	19° $\mathbb{M}$ 08'18	1°26'56
minimum elong	-3029 Jun 22 j 18:20	4° $\mathbb{M}$ 31'45	1°40'21	minimum elong	-3028 Jun 05 j 17:44	18° $\mathbb{M}$ 54'39	1°26'41
max. Earth dist.	-3029 Jun 27 j 19:35	14° $\mathbb{M}$ 31'38	1.36355 AU	max. Earth dist.	-3028 Jun 09 j 09:46	26° $\mathbb{M}$ 28'18	1.34861 AU
evening rise	-3029 Jul 01 j 20:46	22° $\mathbb{M}$ 10'03			-3028 Jun 11 j 03:55	0° $\mathbb{M}$	
	-3029 Jul 06 j 05:30	0° $\mathbb{M}$		evening rise	-3028 Jun 14 j 00:25	5° $\mathbb{M}$ 35'14	
desc. node	-3029 Jul 21 j 21:23	24° $\mathbb{M}$ 50'48			-3028 Jun 27 j 22:45	0° $\mathbb{M}$	
	-3029 Jul 25 j 14:25	0° $\Omega$		desc. node	-3028 Jul 07 j 18:24	14° $\mathbb{M}$ 24'33	
evening max el	-3029 Aug 06 j 15:59	14° $\Omega$ 16'52	26°02'12	evening max el	-3028 Jul 19 j 03:24	27° $\mathbb{M}$ 45'15	26°54'34
retrograde	-3029 Aug 19 j 03:36	21° $\Omega$ 24'12			-3028 Jul 21 j 14:45	0° $\Omega$	
evening set	-3029 Aug 25 j 10:46	18° $\Omega$ 44'11		retrograde	-3028 Aug 01 j 06:31	5° $\Omega$ 04'32	
min. Earth dist.	-3029 Aug 29 j 15:50	14° $\Omega$ 09'41	0.66493 AU	evening set	-3028 Aug 08 j 02:05	2° $\Omega$ 16'55	
inferior conj	-3029 Aug 30 j 23:31	12° $\Omega$ 30'04	-2°00'07		-3028 Aug 10 j 11:43	30° $\mathbb{M}$	
minimum elong	-3029 Aug 31 j 02:20	12° $\Omega$ 21'14	1°58'59	min. Earth dist.	-3028 Aug 11 j 23:35	28° $\mathbb{M}$ 20'39	0.65490 AU
morning rise	-3029 Sep 05 j 18:05	6° $\Omega$ 37'05					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-3028 Aug 13 j 20:14	26°☿10'19	-2°49'45	min. Earth dist.	-3027 Jul 25 j 22:45	12°☿16'59	0.64101 AU
minimum elong	-3028 Aug 13 j 23:57	25°☿59'28	2°48'27	inferior conj	-3027 Jul 28 j 09:12	9°☿41'42	-3°33'27
morning rise	-3028 Aug 19 j 22:14	20°☿30'42		minimum elong	-3027 Jul 28 j 13:12	9°☿31'01	3°32'23
direct	-3028 Aug 22 j 19:47	19°☿44'23		morning rise	-3027 Aug 03 j 20:05	4°☿18'31	
asc. node	-3028 Aug 22 j 23:09	19°☿44'29		direct	-3027 Aug 06 j 12:36	3°☿41'49	
morning max el	-3028 Aug 29 j 10:19	23°☿21'33	18°23'51	asc. node	-3027 Aug 09 j 20:14	4°☿37'41	
	-3028 Sep 03 j 18:03	0°♌		morning max el	-3027 Aug 13 j 01:06	7°☿08'36	18°00'54
morning set	-3028 Sep 17 j 19:07	22°♌18'22			-3027 Aug 28 j 05:08	0°♌	
	-3028 Sep 22 j 12:38	0°♍		morning set	-3027 Aug 30 j 09:54	3°♌45'57	
superior conj	-3028 Oct 02 j 18:53	16°♍24'02	0°06'09	superior conj	-3027 Sep 12 j 09:07	25°♌28'47	0°51'24
minimum elong	-3028 Oct 02 j 19:41	16°♍27'12	0°06'05	minimum elong	-3027 Sep 12 j 14:18	25°♌49'50	0°50'48
behind sun begin	-3028 Oct 02 j 09:11	15°♍45'41			-3027 Sep 15 j 04:09	0°♍	
behind sun end	-3028 Oct 03 j 06:11	17°♍08'40		max. Earth dist.	-3027 Sep 17 j 14:07	3°♍52'03	1.44206 AU
desc. node	-3028 Oct 03 j 17:53	17°♍54'54		desc. node	-3027 Sep 20 j 14:52	8°♍40'19	
max. Earth dist.	-3028 Oct 04 j 21:11	19°♍42'34	1.44833 AU	evening rise	-3027 Sep 28 j 16:02	21°♍13'28	
	-3028 Oct 11 j 10:19	0°♎			-3027 Oct 04 j 09:18	0°♎	
evening rise	-3028 Oct 19 j 06:08	12°♎16'33			-3027 Oct 25 j 22:31	0°♎	
greatest brilliancy	-3028 Oct 29 j 17:47	28°♎39'22	-0.8m	evening max el	-3027 Oct 25 j 20:47	29°♎55'33	20°19'30
	-3028 Oct 30 j 14:47	0°♎		retrograde	-3027 Nov 02 j 17:48	4°♎33'39	
evening max el	-3028 Nov 11 j 16:45	16°♎28'44	19°22'11	asc. node	-3027 Nov 05 j 19:14	3°♎39'31	
retrograde	-3028 Nov 18 j 20:27	20°♎36'31		evening set	-3027 Nov 06 j 10:54	3°♎13'45	
asc. node	-3028 Nov 18 j 22:10	20°♎36'29			-3027 Nov 09 j 16:58	30°♎	
evening set	-3028 Nov 22 j 04:38	19°♎31'22		inferior conj	-3027 Nov 11 j 21:47	27°♎08'22	1°59'21
inferior conj	-3028 Nov 27 j 19:31	13°♎37'27	2°43'48	minimum elong	-3027 Nov 11 j 19:18	27°♎16'41	1°58'25
minimum elong	-3028 Nov 27 j 16:30	13°♎47'07	2°42'50	min. Earth dist.	-3027 Nov 12 j 15:37	26°♎08'22	0.66829 AU
min. Earth dist.	-3028 Nov 29 j 01:43	12°♎00'30	0.66013 AU	morning rise	-3027 Nov 17 j 03:30	20°♎53'59	
morning rise	-3028 Dec 03 j 04:07	7°♎26'09		direct	-3027 Nov 22 j 19:23	18°♎25'08	
direct	-3028 Dec 09 j 10:32	4°♎41'32		morning max el	-3027 Dec 04 j 07:54	25°♎16'54	24°47'51
morning max el	-3028 Dec 21 j 23:15	12°♎04'05	26°06'09		-3027 Dec 08 j 15:12	0°♎	
desc. node	-3028 Dec 30 j 17:26	22°♎14'23		desc. node	-3027 Dec 17 j 14:26	11°♎34'41	
	-3027 Jan 05 j 10:18	0°♏			-3027 Dec 29 j 22:44	0°♏	
	-3027 Jan 24 j 02:25	0°♐		morning set	-3026 Jan 09 j 10:11	17°♏34'36	
morning set	-3027 Jan 27 j 04:01	5°♐35'42		max. Earth dist.	-3026 Jan 13 j 03:07	24°♏15'10	1.37312 AU
max. Earth dist.	-3027 Jan 31 j 03:59	13°♐11'17	1.35510 AU		-3026 Jan 16 j 05:07	0°♐	
superior conj	-3027 Feb 05 j 05:04	23°♐13'13	-1°26'57	superior conj	-3026 Jan 19 j 15:57	6°♐37'57	-1°44'34
minimum elong	-3027 Feb 05 j 08:21	23°♐29'58	1°26'38	minimum elong	-3026 Jan 19 j 18:56	6°♐52'30	1°44'26
	-3027 Feb 08 j 12:23	0°♑		evening rise	-3026 Jan 28 j 02:15	23°♐24'35	
evening rise	-3027 Feb 13 j 00:22	9°♑17'21			-3026 Jan 31 j 10:34	0°♑	
asc. node	-3027 Feb 14 j 21:28	13°♑06'17		asc. node	-3026 Feb 01 j 18:28	2°♑32'18	
	-3027 Feb 24 j 05:58	0°♒		evening max el	-3026 Feb 14 j 02:45	20°♑53'09	19°20'26
evening max el	-3027 Mar 03 j 10:48	9°♒00'00	20°23'58	retrograde	-3026 Feb 23 j 04:23	25°♑12'29	
retrograde	-3027 Mar 14 j 04:05	14°♒06'28		evening set	-3026 Feb 25 j 11:53	24°♑56'53	
evening set	-3027 Mar 16 j 10:17	13°♒53'49		inferior conj	-3026 Mar 05 j 18:37	20°♑48'37	2°31'12
inferior conj	-3027 Mar 25 j 09:48	9°♒55'29	0°54'24	minimum elong	-3026 Mar 05 j 23:28	20°♑40'32	2°29'50
minimum elong	-3027 Mar 25 j 12:11	9°♒51'58	0°53'33	min. Earth dist.	-3026 Mar 08 j 15:08	18°♒55'30	0.56537 AU
min. Earth dist.	-3027 Mar 27 j 00:06	8°♒59'11	0.55401 AU	morning rise	-3026 Mar 14 j 08:17	15°♒57'23	
desc. node	-3027 Mar 28 j 16:29	8°♒01'54		desc. node	-3026 Mar 15 j 13:33	15°♒34'26	
morning rise	-3027 Apr 03 j 12:32	5°♒34'51		direct	-3026 Mar 19 j 02:14	15°♒05'34	
direct	-3027 Apr 07 j 02:17	5°♒07'00		morning max el	-3026 Apr 02 j 05:33	22°♒18'22	25°00'48
morning max el	-3027 Apr 20 j 14:35	11°♒44'36	23°22'33		-3026 Apr 09 j 00:09	0°♒	
	-3027 May 04 j 06:07	0°♓			-3026 Apr 26 j 16:46	0°♓	
morning set	-3027 May 13 j 23:26	18°♓40'53		morning set	-3026 Apr 28 j 11:33	3°♓42'12	
asc. node	-3027 May 13 j 20:58	18°♓28'00		asc. node	-3026 Apr 30 j 17:58	8°♓31'31	
	-3027 May 19 j 06:47	0°♈		superior conj	-3026 May 05 j 11:52	18°♓49'28	0°47'53
superior conj	-3027 May 21 j 02:16	3°♈53'11	1°09'01	minimum elong	-3026 May 05 j 09:55	18°♓38'52	0°47'32
minimum elong	-3027 May 20 j 23:45	3°♈39'45	1°08'40	max. Earth dist.	-3026 May 06 j 17:14	21°♓28'40	1.32990 AU
max. Earth dist.	-3027 May 23 j 09:31	8°♈46'50	1.33738 AU		-3026 May 10 j 17:06	0°♈	
evening rise	-3027 May 28 j 16:27	19°♈38'41		evening rise	-3026 May 12 j 17:11	4°♈08'55	
	-3027 Jun 03 j 01:58	0°♉			-3026 May 26 j 19:29	0°♉	
	-3027 Jun 22 j 00:53	0°♊		desc. node	-3026 Jun 11 j 12:32	21°♉17'26	
desc. node	-3027 Jun 24 j 15:28	3°♊19'04		evening max el	-3026 Jun 13 j 22:46	23°♉44'39	27°20'00
evening max el	-3027 Jul 01 j 14:18	10°♊58'33	27°22'27		-3026 Jun 22 j 18:10	0°♊	
retrograde	-3027 Jul 15 j 04:02	18°♊21'58		retrograde	-3026 Jun 27 j 19:15	1°♊06'47	
evening set	-3027 Jul 22 j 07:07	15°♊37'56			-3026 Jul 02 j 14:33	30°♊	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3026 Jul 04 j 22:05	28° $\Pi$ 40'15		evening set	-3025 Jun 16 j 18:47	11° $\Pi$ 15'38	
min. Earth dist.	-3026 Jul 08 j 12:08	25° $\Pi$ 46'16	0.62363 AU	min. Earth dist.	-3025 Jun 20 j 15:47	8° $\Pi$ 34'40	0.60381 AU
inferior conj	-3026 Jul 11 j 11:28	22° $\Pi$ 57'20	-4°07'11	inferior conj	-3025 Jun 23 j 23:39	5° $\Pi$ 49'19	-4°24'39
minimum elong	-3026 Jul 11 j 14:42	22° $\Pi$ 49'38	4°06'37	minimum elong	-3025 Jun 24 j 00:36	5° $\Pi$ 47'19	4°24'32
morning rise	-3026 Jul 18 j 08:36	17° $\Pi$ 53'19		morning rise	-3025 Jul 01 j 08:20	1° $\Pi$ 06'44	
direct	-3026 Jul 20 j 22:15	17° $\Pi$ 23'40		direct	-3025 Jul 03 j 20:55	0° $\Pi$ 42'20	
morning max el	-3026 Jul 27 j 15:49	20° $\Pi$ 48'42	17°56'05	morning max el	-3025 Jul 11 j 03:42	4° $\Pi$ 15'16	18°10'22
asc. node	-3026 Jul 27 j 17:17	20° $\Pi$ 52'19		asc. node	-3025 Jul 14 j 14:21	8° $\Pi$ 13'20	
	-3026 Aug 03 j 13:44	0° $\mathfrak{C}$		morning set	-3025 Jul 27 j 03:23	29° $\Pi$ 34'01	
morning set	-3026 Aug 12 j 22:29	16° $\mathfrak{C}$ 15'52			-3025 Jul 27 j 08:55	0° $\mathfrak{C}$	
	-3026 Aug 20 j 16:12	0° $\Omega$					
superior conj	-3026 Aug 24 j 01:51	5° $\Omega$ 51'56	1°24'01	superior conj	-3025 Aug 05 j 21:06	17° $\mathfrak{C}$ 34'23	1°42'28
minimum elong	-3026 Aug 24 j 07:00	6° $\Omega$ 13'54	1°23'37	minimum elong	-3025 Aug 05 j 23:55	17° $\mathfrak{C}$ 47'04	1°42'25
max. Earth dist.	-3026 Aug 31 j 03:08	17° $\Omega$ 37'47	1.42949 AU	max. Earth dist.	-3025 Aug 12 j 23:49	0° $\Omega$	
desc. node	-3026 Sep 07 j 11:51	29° $\Omega$ 23'37		evening rise	-3025 Aug 13 j 10:54	0° $\Omega$ 46'52	1.41231 AU
evening rise	-3026 Sep 07 j 21:29	0° $\mathfrak{M}$ 01'18		desc. node	-3025 Aug 18 j 17:45	9° $\Omega$ 31'55	
	-3026 Sep 07 j 21:09	0° $\mathfrak{M}$			-3025 Aug 25 j 08:52	20° $\Omega$ 01'32	
	-3026 Sep 28 j 01:28	0° $\mathfrak{L}$			-3025 Aug 31 j 23:23	0° $\mathfrak{M}$	
evening max el	-3026 Oct 08 j 18:52	13° $\mathfrak{L}$ 21'58	21°29'16	evening max el	-3025 Sep 21 j 11:14	26° $\mathfrak{M}$ 48'48	22°47'16
retrograde	-3026 Oct 17 j 14:25	18° $\mathfrak{L}$ 35'52			-3025 Sep 25 j 00:40	0° $\mathfrak{L}$	
evening set	-3026 Oct 21 j 18:41	16° $\mathfrak{L}$ 58'47		retrograde	-3025 Oct 01 j 08:47	2° $\mathfrak{L}$ 41'03	
asc. node	-3026 Oct 23 j 16:19	15° $\mathfrak{L}$ 10'36		evening set	-3025 Oct 06 j 02:15	0° $\mathfrak{L}$ 44'55	
inferior conj	-3026 Oct 27 j 03:11	10° $\mathfrak{L}$ 45'16	1°10'01		-3025 Oct 06 j 22:10	30° $\mathfrak{R}$ $\mathfrak{M}$	
minimum elong	-3026 Oct 27 j 01:37	10° $\mathfrak{L}$ 50'39	1°09'21	asc. node	-3025 Oct 10 j 13:24	25° $\mathfrak{M}$ 37'05	
min. Earth dist.	-3026 Oct 27 j 09:55	10° $\mathfrak{L}$ 22'05	0.67313 AU	inferior conj	-3025 Oct 11 j 09:52	24° $\mathfrak{M}$ 26'42	0°17'35
morning rise	-3026 Nov 01 j 08:22	4° $\mathfrak{L}$ 30'33		minimum elong	-3025 Oct 11 j 09:28	24° $\mathfrak{M}$ 28'08	0°17'25
direct	-3026 Nov 06 j 09:03	2° $\mathfrak{L}$ 22'18		min. Earth dist.	-3025 Oct 11 j 06:13	24° $\mathfrak{M}$ 39'18	0.67485 AU
morning max el	-3026 Nov 16 j 17:02	8° $\mathfrak{L}$ 32'12	23°21'34	morning rise	-3025 Oct 16 j 16:34	18° $\mathfrak{M}$ 14'20	
	-3026 Dec 03 j 12:07	0° $\mathfrak{M}$		direct	-3025 Oct 21 j 02:37	16° $\mathfrak{M}$ 28'07	
desc. node	-3026 Dec 04 j 11:25	1° $\mathfrak{M}$ 24'29		morning max el	-3025 Oct 30 j 06:03	21° $\mathfrak{M}$ 52'58	21°56'25
morning set	-3026 Dec 21 j 15:16	28° $\mathfrak{M}$ 16'09			-3025 Nov 06 j 03:44	0° $\mathfrak{L}$	
	-3026 Dec 22 j 15:55	0° $\mathfrak{X}$		desc. node	-3025 Nov 21 j 08:26	21° $\mathfrak{L}$ 35'31	
max. Earth dist.	-3026 Dec 25 j 22:22	5° $\mathfrak{X}$ 36'40	1.39371 AU		-3025 Nov 26 j 20:18	0° $\mathfrak{M}$	
superior conj	-3025 Jan 02 j 12:38	19° $\mathfrak{X}$ 16'43	-1°55'07	morning set	-3025 Dec 01 j 15:30	7° $\mathfrak{M}$ 34'07	
minimum elong	-3025 Jan 02 j 14:01	19° $\mathfrak{X}$ 23'05	1°55'10	max. Earth dist.	-3025 Dec 07 j 21:52	17° $\mathfrak{M}$ 47'54	1.41415 AU
	-3025 Jan 08 j 04:32	0° $\mathfrak{Z}$			-3025 Dec 15 j 01:07	0° $\mathfrak{X}$	
evening rise	-3025 Jan 11 j 20:09	7° $\mathfrak{Z}$ 02'44		superior conj	-3025 Dec 15 j 13:55	0° $\mathfrak{X}$ 56'17	-1°55'03
asc. node	-3025 Jan 19 j 15:29	21° $\mathfrak{Z}$ 32'02		minimum elong	-3025 Dec 15 j 12:04	0° $\mathfrak{X}$ 48'10	1°55'05
	-3025 Jan 25 j 05:13	0° $\mathfrak{A}$		evening rise	-3025 Dec 26 j 02:54	20° $\mathfrak{X}$ 04'43	
evening max el	-3025 Jan 28 j 04:02	3° $\mathfrak{A}$ 19'39	18°36'35		-3025 Dec 31 j 12:58	0° $\mathfrak{Z}$	
retrograde	-3025 Feb 04 j 22:40	7° $\mathfrak{A}$ 06'39		asc. node	-3024 Jan 06 j 12:32	9° $\mathfrak{Z}$ 56'57	
evening set	-3025 Feb 07 j 10:01	6° $\mathfrak{A}$ 45'05		evening max el	-3024 Jan 11 j 11:57	16° $\mathfrak{Z}$ 11'26	18°12'45
inferior conj	-3025 Feb 14 j 23:12	2° $\mathfrak{A}$ 17'57	3°31'48	retrograde	-3024 Jan 18 j 11:07	19° $\mathfrak{Z}$ 42'04	
minimum elong	-3025 Feb 15 j 02:51	2° $\mathfrak{A}$ 10'53	3°31'07	evening set	-3024 Jan 21 j 01:52	19° $\mathfrak{Z}$ 13'13	
	-3025 Feb 17 j 22:54	30° $\mathfrak{R}$ $\mathfrak{Z}$		inferior conj	-3024 Jan 28 j 00:00	14° $\mathfrak{Z}$ 24'24	3°57'42
min. Earth dist.	-3025 Feb 18 j 08:17	29° $\mathfrak{Z}$ 42'40	0.58286 AU	minimum elong	-3024 Jan 28 j 01:00	14° $\mathfrak{Z}$ 22'10	3°57'34
morning rise	-3025 Feb 22 j 17:15	26° $\mathfrak{Z}$ 59'13		min. Earth dist.	-3024 Jan 31 j 06:37	11° $\mathfrak{Z}$ 29'24	0.60303 AU
direct	-3025 Feb 28 j 15:18	25° $\mathfrak{Z}$ 31'21		morning rise	-3024 Feb 03 j 22:29	8° $\mathfrak{Z}$ 45'32	
desc. node	-3025 Mar 02 j 10:37	25° $\mathfrak{Z}$ 39'29		direct	-3024 Feb 10 j 15:42	6° $\mathfrak{Z}$ 39'35	
	-3025 Mar 11 j 10:40	0° $\mathfrak{A}$		desc. node	-3024 Feb 17 j 07:41	8° $\mathfrak{Z}$ 32'20	
morning max el	-3025 Mar 14 j 22:01	3° $\mathfrak{A}$ 02'49	26°25'16	morning max el	-3024 Feb 24 j 20:16	14° $\mathfrak{Z}$ 20'39	27°22'12
	-3025 Apr 03 j 07:34	0° $\mathfrak{H}$			-3024 Mar 08 j 11:09	0° $\mathfrak{A}$	
morning set	-3025 Apr 12 j 22:47	18° $\mathfrak{H}$ 41'04			-3024 Mar 25 j 14:14	0° $\mathfrak{H}$	
asc. node	-3025 Apr 17 j 14:58	28° $\mathfrak{H}$ 42'24		morning set	-3024 Mar 27 j 07:16	3° $\mathfrak{H}$ 30'00	
	-3025 Apr 18 j 05:11	0° $\mathfrak{Y}$					
superior conj	-3025 Apr 19 j 23:21	3° $\mathfrak{Y}$ 50'44	0°24'27	superior conj	-3024 Apr 03 j 10:57	18° $\mathfrak{H}$ 49'56	-0°00'27
minimum elong	-3025 Apr 19 j 22:17	3° $\mathfrak{Y}$ 44'54	0°24'14	minimum elong	-3024 Apr 03 j 10:58	18° $\mathfrak{H}$ 50'05	0°00'28
max. Earth dist.	-3025 Apr 20 j 05:41	4° $\mathfrak{Y}$ 25'24	1.32592 AU	behind sun begin	-3024 Apr 03 j 05:57	18° $\mathfrak{H}$ 22'39	
evening rise	-3025 Apr 26 j 23:44	18° $\mathfrak{Y}$ 56'32		behind sun end	-3024 Apr 03 j 15:59	19° $\mathfrak{H}$ 17'31	
	-3025 May 02 j 12:27	0° $\mathfrak{B}$		max. Earth dist.	-3024 Apr 02 j 18:59	17° $\mathfrak{H}$ 22'38	1.32534 AU
	-3025 May 21 j 16:02	0° $\Pi$		asc. node	-3024 Apr 03 j 11:58	18° $\mathfrak{H}$ 55'35	
evening max el	-3025 May 27 j 02:18	5° $\Pi$ 52'44	26°44'35		-3024 Apr 08 j 14:05	0° $\mathfrak{Y}$	
desc. node	-3025 May 29 j 09:35	7° $\Pi$ 56'25		evening rise	-3024 Apr 10 j 09:46	3° $\mathfrak{Y}$ 52'12	
retrograde	-3025 Jun 10 j 02:44	13° $\Pi$ 11'19			-3024 Apr 24 j 11:22	0° $\mathfrak{B}$	
				evening max el	-3024 May 07 j 23:13	17° $\mathfrak{B}$ 16'53	25°38'48
				desc. node	-3024 May 15 j 06:40	22° $\mathfrak{B}$ 43'16	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3024 May 22 j 00:54	24°♄29'48		retrograde	-3023 May 03 j 11:51	5°♄05'22	
evening set	-3024 May 27 j 17:47	23°♄12'27		evening set	-3023 May 07 j 20:22	4°♄22'57	
min. Earth dist.	-3024 Jun 01 j 11:27	20°♄27'31	0.58351 AU	min. Earth dist.	-3023 May 14 j 02:49	1°♄19'03	0.56582 AU
inferior conj	-3024 Jun 04 j 18:02	18°♄06'51	-4°16'42		-3023 May 16 j 05:23	30°♄	
minimum elong	-3024 Jun 04 j 15:21	18°♄11'42	4°16'23	inferior conj	-3023 May 16 j 16:19	29°♄42'45	-3°32'30
morning rise	-3024 Jun 12 j 15:37	13°♄46'13		minimum elong	-3023 May 16 j 10:26	29°♄52'01	3°31'12
direct	-3024 Jun 15 j 03:58	13°♄26'03		morning rise	-3023 May 25 j 03:37	25°♄39'52	
morning max el	-3024 Jun 23 j 09:51	17°♄19'13	18°44'44	direct	-3023 May 27 j 15:56	25°♄23'02	
asc. node	-3024 Jun 30 j 11:25	26°♄25'33			-3023 Jun 06 j 11:12	0°♄	
	-3024 Jul 02 j 14:57	0°♄		morning max el	-3023 Jun 06 j 07:31	29°♄51'23	19°39'39
morning set	-3024 Jul 09 j 20:01	13°♄27'53		asc. node	-3023 Jun 17 j 08:29	15°♄17'05	
	-3024 Jul 18 j 09:04	0°♄		morning set	-3023 Jun 23 j 21:01	27°♄48'46	
					-3023 Jun 24 j 23:06	0°♄	
superior conj	-3024 Jul 18 j 13:33	0°♄21'13	1°48'46	superior conj	-3023 Jul 01 j 21:39	13°♄56'42	1°45'35
minimum elong	-3024 Jul 18 j 13:53	0°♄22'47	1°48'51	minimum elong	-3023 Jul 01 j 20:11	13°♄49'31	1°45'36
max. Earth dist.	-3024 Jul 25 j 13:54	13°♄12'10	1.39278 AU	max. Earth dist.	-3023 Jul 07 j 16:25	25°♄04'42	1.37356 AU
evening rise	-3024 Jul 29 j 14:57	20°♄13'41			-3023 Jul 10 j 08:29	0°♄	
	-3024 Aug 04 j 12:34	0°♄		evening rise	-3023 Jul 11 j 13:08	2°♄09'11	
desc. node	-3024 Aug 11 j 05:53	10°♄29'34			-3023 Jul 28 j 15:21	0°♄	
	-3024 Aug 25 j 02:34	0°♄		desc. node	-3023 Jul 29 j 02:55	0°♄42'28	
evening max el	-3024 Sep 02 j 23:33	10°♄17'20	24°07'52	evening max el	-3023 Aug 16 j 10:19	23°♄48'37	25°23'51
retrograde	-3024 Sep 13 j 23:51	16°♄45'52			-3023 Aug 24 j 21:10	0°♄	
evening set	-3024 Sep 19 j 07:52	14°♄30'28		retrograde	-3023 Aug 28 j 10:45	0°♄45'40	
min. Earth dist.	-3024 Sep 24 j 02:08	8°♄58'21	0.67346 AU		-3023 Aug 31 j 18:07	30°♄	
inferior conj	-3024 Sep 24 j 16:08	8°♄10'56	-0°36'18	evening set	-3023 Sep 03 j 09:38	28°♄13'12	
minimum elong	-3024 Sep 24 j 17:00	8°♄08'01	0°35'54	min. Earth dist.	-3023 Sep 07 j 19:16	23°♄17'01	0.66893 AU
asc. node	-3024 Sep 26 j 10:30	5°♄50'47		inferior conj	-3023 Sep 08 j 20:13	21°♄55'54	-1°30'02
morning rise	-3024 Sep 30 j 02:08	2°♄03'47		minimum elong	-3023 Sep 08 j 22:21	21°♄48'58	1°29'06
direct	-3024 Oct 03 j 23:06	0°♄38'17		asc. node	-3023 Sep 13 j 07:38	16°♄49'24	
morning max el	-3024 Oct 12 j 01:44	5°♄22'34	20°39'15	morning rise	-3023 Sep 14 j 11:11	15°♄56'48	
	-3024 Oct 30 j 07:34	0°♄		direct	-3023 Sep 17 j 21:10	14°♄49'12	
desc. node	-3024 Nov 07 j 05:27	12°♄01'30		morning max el	-3023 Sep 25 j 04:45	19°♄00'47	19°34'29
morning set	-3024 Nov 09 j 17:20	15°♄53'12			-3023 Oct 03 j 19:12	0°♄	
	-3024 Nov 18 j 15:33	0°♄		morning set	-3023 Oct 19 j 17:19	24°♄13'57	
max. Earth dist.	-3024 Nov 19 j 04:46	0°♄53'20	1.43145 AU		-3023 Oct 23 j 10:11	0°♄	
superior conj	-3024 Nov 25 j 14:13	11°♄23'26	-1°40'24	desc. node	-3023 Oct 25 j 02:26	2°♄37'11	
minimum elong	-3024 Nov 25 j 08:25	10°♄59'12	1°40'03	max. Earth dist.	-3023 Nov 01 j 17:50	14°♄38'38	1.44342 AU
	-3024 Dec 06 j 10:09	0°♄		superior conj	-3023 Nov 05 j 11:07	20°♄34'20	-1°08'35
evening rise	-3024 Dec 07 j 18:31	2°♄22'28		minimum elong	-3023 Nov 05 j 03:55	20°♄05'30	1°07'49
asc. node	-3024 Dec 23 j 09:36	27°♄36'38			-3023 Nov 11 j 07:00	0°♄	
evening max el	-3024 Dec 24 j 23:38	29°♄20'54	18°08'36	evening rise	-3023 Nov 19 j 14:17	13°♄45'33	
	-3024 Dec 25 j 15:55	0°♄			-3023 Nov 29 j 08:34	0°♄	
retrograde	-3024 Dec 31 j 13:42	2°♄48'40		evening max el	-3023 Dec 08 j 12:15	12°♄40'30	18°23'24
evening set	-3023 Jan 03 j 07:46	2°♄11'39		asc. node	-3023 Dec 10 j 06:41	14°♄17'07	
	-3023 Jan 06 j 15:27	30°♄		retrograde	-3023 Dec 15 j 01:50	16°♄16'21	
inferior conj	-3023 Jan 09 j 17:58	27°♄01'50	3°57'09	evening set	-3023 Dec 18 j 00:06	15°♄29'56	
minimum elong	-3023 Jan 09 j 16:40	27°♄05'10	3°56'59	inferior conj	-3023 Dec 24 j 01:04	10°♄01'04	3°38'06
min. Earth dist.	-3023 Jan 12 j 13:22	24°♄10'20	0.62277 AU	minimum elong	-3023 Dec 23 j 22:25	10°♄08'35	3°37'34
morning rise	-3023 Jan 16 j 00:34	21°♄09'17		min. Earth dist.	-3023 Dec 26 j 05:55	7°♄31'03	0.64006 AU
direct	-3023 Jan 23 j 01:34	18°♄33'53		morning rise	-3023 Dec 29 j 20:11	3°♄59'12	
desc. node	-3023 Feb 03 j 04:45	23°♄44'23		direct	-3022 Jan 05 j 19:11	1°♄08'54	
morning max el	-3023 Feb 06 j 00:48	26°♄20'05	27°43'44	morning max el	-3022 Jan 19 j 09:10	8°♄53'58	27°29'15
	-3023 Feb 09 j 11:46	0°♄		desc. node	-3022 Jan 21 j 01:49	10°♄38'31	
	-3023 Mar 01 j 23:08	0°♄			-3022 Feb 04 j 21:08	0°♄	
morning set	-3023 Mar 11 j 10:58	18°♄01'48		morning set	-3022 Feb 22 j 05:19	0°♄	
max. Earth dist.	-3023 Mar 17 j 05:10	0°♄06'00	1.32834 AU	max. Earth dist.	-3022 Feb 23 j 07:12	2°♄06'55	
	-3023 Mar 17 j 04:03	0°♄			-3022 Feb 28 j 08:06	12°♄21'24	1.33526 AU
superior conj	-3023 Mar 18 j 21:04	3°♄41'28	-0°25'57	superior conj	-3022 Mar 03 j 03:51	18°♄18'36	-0°51'06
minimum elong	-3023 Mar 18 j 22:15	3°♄47'52	0°25'45	minimum elong	-3022 Mar 03 j 06:07	18°♄30'41	0°50'45
asc. node	-3023 Mar 21 j 09:01	9°♄07'00		asc. node	-3022 Mar 08 j 06:03	29°♄12'05	
evening rise	-3023 Mar 25 j 21:23	18°♄49'05			-3022 Mar 08 j 15:03	0°♄	
	-3023 Mar 31 j 10:00	0°♄		evening rise	-3022 Mar 10 j 08:44	3°♄40'17	
evening max el	-3023 Apr 19 j 15:15	28°♄07'10	24°11'48		-3022 Mar 24 j 22:51	0°♄	
	-3023 Apr 21 j 17:35	0°♄		evening max el	-3022 Apr 01 j 07:55	8°♄48'21	22°37'23
desc. node	-3023 May 02 j 03:44	5°♄01'15					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-3022 Apr 14 j 10:09	15°♈13'32		evening set	-3021 Mar 28 j 09:14	25°♈10'01	
evening set	-3022 Apr 17 j 12:19	14°♈52'37		desc. node	-3021 Apr 05 j 21:53	21°♈36'28	
desc. node	-3022 Apr 19 j 00:47	14°♈27'51		inferior conj	-3021 Apr 06 j 15:38	21°♈11'25	-0°12'25
min. Earth dist.	-3022 Apr 25 j 16:57	11°♈18'13	0.55421 AU	minimum elong	-3021 Apr 06 j 15:03	21°♈12'15	0°12'14
inferior conj	-3022 Apr 26 j 20:30	10°♈38'48	-2°06'47	transit middle	-3021 Apr 06 j 15:03	21°♈12'15	0°12'14
minimum elong	-3022 Apr 26 j 15:09	10°♈46'28	2°05'06	transit begin	-3021 Apr 06 j 12:26	21°♈15'56	
morning rise	-3022 May 05 j 19:57	6°♈42'22		transit end	-3021 Apr 06 j 17:39	21°♈08'34	
direct	-3022 May 08 j 10:55	6°♈26'23		min. Earth dist.	-3021 Apr 07 j 06:48	20°♈49'57	0.55139 AU
morning max el	-3022 May 19 j 18:37	11°♈43'42	20°54'28	morning rise	-3021 Apr 15 j 20:30	17°♈04'42	
	-3022 Jun 01 j 18:28	0°♈		direct	-3021 Apr 18 j 22:47	16°♈43'49	
asc. node	-3022 Jun 04 j 05:32	4°♈38'18		morning max el	-3021 May 01 j 18:55	22°♈54'02	22°25'39
morning set	-3022 Jun 08 j 03:44	12°♈29'46			-3021 May 08 j 00:12	0°♈	
				asc. node	-3021 May 22 j 02:33	24°♈20'50	
superior conj	-3022 Jun 15 j 16:49	28°♈07'41	1°35'19	morning set	-3021 May 23 j 13:58	27°♈23'41	
minimum elong	-3022 Jun 15 j 14:25	27°♈55'20	1°35'10		-3021 May 24 j 19:49	0°♈	
	-3022 Jun 16 j 14:48	0°♈					
max. Earth dist.	-3022 Jun 20 j 01:01	6°♈52'36	1.35674 AU	superior conj	-3021 May 30 j 19:35	12°♈42'46	1°19'47
evening rise	-3022 Jun 24 j 07:36	15°♈06'40		minimum elong	-3021 May 30 j 16:57	12°♈28'49	1°19'29
	-3022 Jul 02 j 16:10	0°♈		max. Earth dist.	-3021 Jun 02 j 19:29	18°♈58'40	1.34341 AU
desc. node	-3022 Jul 15 j 23:55	20°♈33'27		evening rise	-3021 Jun 07 j 17:04	28°♈50'12	
	-3022 Jul 23 j 05:06	0°♈			-3021 Jun 08 j 07:25	0°♈	
evening max el	-3022 Jul 29 j 21:33	7°♈21'07	26°27'08		-3021 Jun 25 j 19:35	0°♈	
retrograde	-3022 Aug 11 j 16:48	14°♈35'17		desc. node	-3021 Jul 02 j 20:57	9°♈52'22	
evening set	-3022 Aug 18 j 05:29	11°♈51'05		evening max el	-3021 Jul 12 j 09:11	20°♈45'37	27°09'54
min. Earth dist.	-3022 Aug 22 j 07:13	7°♈32'40	0.66103 AU	retrograde	-3021 Jul 25 j 17:21	28°♈06'47	
inferior conj	-3022 Aug 23 j 20:14	5°♈39'33	-2°21'45	evening set	-3021 Aug 01 j 16:46	25°♈19'33	
minimum elong	-3022 Aug 23 j 23:29	5°♈29'38	2°20'30	min. Earth dist.	-3021 Aug 05 j 11:37	21°♈38'40	0.64946 AU
morning rise	-3022 Aug 29 j 17:45	29°♈51'39		inferior conj	-3021 Aug 07 j 13:57	19°♈17'05	-3°09'12
	-3022 Aug 29 j 12:10	30°♈		minimum elong	-3021 Aug 07 j 17:54	19°♈05'59	3°07'59
asc. node	-3022 Aug 31 j 04:43	29°♈13'05		morning rise	-3021 Aug 13 j 19:33	13°♈43'47	
direct	-3022 Sep 01 j 19:09	28°♈58'29		direct	-3021 Aug 16 j 14:45	13°♈01'47	
	-3022 Sep 05 j 04:32	0°♈		asc. node	-3021 Aug 18 j 01:48	13°♈13'12	
morning max el	-3022 Sep 08 j 14:02	2°♈45'56	18°44'51	morning max el	-3021 Aug 23 j 03:29	16°♈33'29	18°11'52
	-3022 Sep 27 j 06:50	0°♈			-3021 Sep 01 j 20:27	0°♈	
morning set	-3022 Sep 29 j 13:18	3°♈37'25		morning set	-3021 Sep 10 j 13:03	14°♈22'09	
desc. node	-3022 Oct 11 j 23:26	23°♈19'17			-3021 Sep 20 j 01:09	0°♈	
superior conj	-3022 Oct 15 j 12:56	28°♈56'02	-0°22'39	superior conj	-3021 Sep 24 j 16:21	7°♈27'03	0°26'33
minimum elong	-3022 Oct 15 j 09:57	28°♈44'17	0°22'15	minimum elong	-3021 Sep 24 j 19:33	7°♈39'47	0°26'09
max. Earth dist.	-3022 Oct 15 j 11:01	28°♈48'28	1.44866 AU	max. Earth dist.	-3021 Sep 28 j 05:24	13°♈04'57	1.44657 AU
	-3022 Oct 16 j 05:11	0°♈		desc. node	-3021 Sep 28 j 20:25	14°♈04'15	
evening rise	-3022 Oct 31 j 10:13	24°♈07'01			-3021 Oct 09 j 00:32	0°♈	
	-3022 Nov 04 j 02:18	0°♈		evening rise	-3021 Oct 11 j 06:19	3°♈28'57	
evening max el	-3022 Nov 21 j 23:15	26°♈05'33	18°56'01	greatest brilliancy	-3021 Oct 23 j 18:59	22°♈44'56	-0.7m
asc. node	-3022 Nov 27 j 03:45	29°♈43'27			-3021 Oct 28 j 17:23	0°♈	
retrograde	-3022 Nov 28 j 19:44	29°♈58'55		evening max el	-3021 Nov 05 j 06:21	9°♈32'22	19°44'56
evening set	-3022 Dec 01 j 23:49	29°♈01'12		retrograde	-3021 Nov 12 j 16:30	13°♈51'45	
inferior conj	-3022 Dec 07 j 17:49	23°♈15'46	3°06'18	asc. node	-3021 Nov 14 j 00:48	13°♈41'17	
minimum elong	-3022 Dec 07 j 14:44	23°♈25'17	3°05'26	evening set	-3021 Nov 16 j 04:19	12°♈40'29	
min. Earth dist.	-3022 Dec 09 j 07:58	21°♈17'56	0.65391 AU	inferior conj	-3021 Nov 21 j 17:17	6°♈41'23	2°25'41
morning rise	-3022 Dec 13 j 05:20	17°♈07'25		minimum elong	-3021 Nov 21 j 14:27	6°♈50'41	2°24'40
direct	-3022 Dec 19 j 19:14	14°♈17'08		min. Earth dist.	-3021 Nov 22 j 18:00	5°♈20'15	0.66405 AU
morning max el	-3021 Jan 01 j 18:41	21°♈50'59	26°43'30	morning rise	-3021 Nov 27 j 00:22	0°♈28'46	
desc. node	-3021 Jan 07 j 22:53	28°♈45'18			-3021 Nov 27 j 13:53	30°♈	
	-3021 Jan 08 j 23:01	0°♈		direct	-3021 Dec 03 j 00:54	27°♈50'04	
	-3021 Jan 29 j 01:39	0°♈			-3021 Dec 09 j 04:55	0°♈	
morning set	-3021 Feb 06 j 16:30	15°♈34'19		morning max el	-3021 Dec 15 j 03:44	5°♈00'21	25°34'31
max. Earth dist.	-3021 Feb 11 j 00:29	24°♈01'47	1.34657 AU	desc. node	-3021 Dec 25 j 19:55	17°♈43'19	
	-3021 Feb 13 j 23:11	0°♈			-3020 Jan 03 j 10:45	0°♈	
				morning set	-3020 Jan 20 j 10:14	28°♈10'15	
superior conj	-3021 Feb 15 j 05:10	2°♈34'33	-1°14'42		-3020 Jan 21 j 10:13	0°♈	
minimum elong	-3021 Feb 15 j 08:14	2°♈50'29	1°14'19	max. Earth dist.	-3020 Jan 24 j 05:25	5°♈13'53	1.36232 AU
evening rise	-3021 Feb 22 j 18:02	18°♈19'47					
asc. node	-3021 Feb 23 j 03:03	19°♈06'23		superior conj	-3020 Jan 29 j 22:18	16°♈21'10	-1°35'06
	-3021 Feb 28 j 15:00	0°♈		minimum elong	-3020 Jan 30 j 01:36	16°♈37'37	1°34'50
evening max el	-3021 Mar 14 j 07:29	19°♈47'19	21°08'41		-3020 Feb 05 j 15:34	0°♈	
retrograde	-3021 Mar 25 j 23:44	25°♈23'17		evening rise	-3020 Feb 06 j 23:18	2°♈41'19	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3020 Feb 10 j 00:03	8° $\approx$ 44'56		evening rise	-3019 Jan 20 j 22:08	16° $\approx$ 37'12	
	-3020 Feb 23 j 09:47	0° $\approx$		asc. node	-3019 Jan 26 j 21:05	28° $\approx$ 00'55	
evening max el	-3020 Feb 24 j 17:20	1° $\approx$ 19'55	19°54'38		-3019 Jan 27 j 23:39	0° $\approx$	
retrograde	-3020 Mar 05 j 16:52	6° $\approx$ 04'50		evening max el	-3019 Feb 06 j 13:25	13° $\approx$ 27'28	18°59'20
evening set	-3020 Mar 07 j 23:09	5° $\approx$ 51'18		retrograde	-3019 Feb 15 j 00:43	17° $\approx$ 31'38	
inferior conj	-3020 Mar 16 j 15:56	1° $\approx$ 50'03	1°39'20	evening set	-3019 Feb 17 j 09:42	17° $\approx$ 13'47	
minimum elong	-3020 Mar 16 j 19:53	1° $\approx$ 43'58	1°38'03	inferior conj	-3019 Feb 25 j 08:45	12° $\approx$ 57'50	3°01'32
min. Earth dist.	-3020 Mar 18 j 20:56	0° $\approx$ 28'51	0.55791 AU	minimum elong	-3019 Feb 25 j 13:26	12° $\approx$ 49'32	3°00'24
	-3020 Mar 19 j 16:24	30° $\approx$		min. Earth dist.	-3019 Feb 28 j 12:33	10° $\approx$ 44'36	0.57219 AU
desc. node	-3020 Mar 22 j 18:58	28° $\approx$ 21'25		morning rise	-3019 Mar 05 j 14:26	7° $\approx$ 53'56	
morning rise	-3020 Mar 25 j 14:28	27° $\approx$ 17'17		desc. node	-3019 Mar 09 j 16:02	6° $\approx$ 51'36	
direct	-3020 Mar 29 j 15:35	26° $\approx$ 41'06		direct	-3019 Mar 10 j 20:38	6° $\approx$ 48'11	
	-3020 Apr 08 j 02:52	0° $\approx$		morning max el	-3019 Mar 25 j 02:49	14° $\approx$ 10'28	25°39'23
morning max el	-3020 Apr 12 j 11:43	3° $\approx$ 34'58	24°05'01		-3019 Apr 06 j 15:26	0° $\approx$	
	-3020 Apr 30 j 20:57	0° $\approx$		morning set	-3019 Apr 21 j 13:55	27° $\approx$ 26'13	
morning set	-3020 May 07 j 01:56	12° $\approx$ 24'50			-3019 Apr 22 j 19:00	0° $\approx$	
asc. node	-3020 May 07 j 23:33	14° $\approx$ 18'47		asc. node	-3019 Apr 24 j 20:34	4° $\approx$ 26'11	
superior conj	-3020 May 14 j 03:20	27° $\approx$ 33'55	1°00'23	superior conj	-3019 Apr 28 j 13:58	12° $\approx$ 33'14	0°38'10
minimum elong	-3020 May 14 j 01:01	27° $\approx$ 21'24	1°00'02	minimum elong	-3019 Apr 28 j 12:22	12° $\approx$ 24'28	0°37'53
	-3020 May 15 j 06:30	0° $\approx$		max. Earth dist.	-3019 Apr 29 j 09:30	14° $\approx$ 19'41	1.32780 AU
max. Earth dist.	-3020 May 15 j 23:18	1° $\approx$ 29'54	1.33384 AU	evening rise	-3019 May 05 j 16:45	27° $\approx$ 45'35	
evening rise	-3020 May 21 j 13:15	13° $\approx$ 07'00			-3019 May 06 j 19:00	0° $\approx$	
	-3020 May 30 j 11:35	0° $\approx$			-3019 May 23 j 19:55	0° $\approx$	
desc. node	-3020 Jun 18 j 17:59	28° $\approx$ 25'34		desc. node	-3019 Jun 05 j 15:01	15° $\approx$ 53'32	
	-3020 Jun 20 j 03:04	0° $\approx$		evening max el	-3019 Jun 06 j 01:52	16° $\approx$ 19'43	27°08'46
evening max el	-3020 Jun 23 j 19:26	3° $\approx$ 49'24	27°25'14	retrograde	-3019 Jun 20 j 00:09	23° $\approx$ 40'56	
retrograde	-3020 Jul 07 j 11:59	11° $\approx$ 11'48		evening set	-3019 Jun 27 j 00:02	21° $\approx$ 25'41	
evening set	-3020 Jul 14 j 16:17	8° $\approx$ 33'28		min. Earth dist.	-3019 Jun 30 j 15:30	18° $\approx$ 39'34	0.61546 AU
min. Earth dist.	-3020 Jul 18 j 06:35	5° $\approx$ 25'29	0.63412 AU	inferior conj	-3019 Jul 03 j 19:28	15° $\approx$ 49'26	-4°17'03
inferior conj	-3020 Jul 20 j 22:46	2° $\approx$ 42'52	-3°49'15	minimum elong	-3019 Jul 03 j 21:57	15° $\approx$ 43'52	4°16'43
minimum elong	-3020 Jul 21 j 02:36	2° $\approx$ 33'06	3°48'23	morning rise	-3019 Jul 10 j 21:25	10° $\approx$ 54'42	
	-3020 Jul 23 j 18:27	30° $\approx$		direct	-3019 Jul 13 j 10:27	10° $\approx$ 27'30	
morning rise	-3020 Jul 27 j 13:52	27° $\approx$ 27'30		morning max el	-3019 Jul 20 j 08:31	13° $\approx$ 54'19	17°59'47
direct	-3020 Jul 30 j 05:03	26° $\approx$ 53'56		asc. node	-3019 Jul 21 j 19:56	15° $\approx$ 28'04	
asc. node	-3020 Aug 03 j 22:52	28° $\approx$ 43'04			-3019 Jul 31 j 08:21	0° $\approx$	
	-3020 Aug 05 j 10:58	0° $\approx$		morning set	-3019 Aug 05 j 09:56	9° $\approx$ 10'27	
morning max el	-3020 Aug 05 j 18:33	0° $\approx$ 18'28	17°56'33				
morning set	-3020 Aug 22 j 13:48	26° $\approx$ 18'21		superior conj	-3019 Aug 15 j 21:45	28° $\approx$ 02'09	1°33'30
	-3020 Aug 24 j 16:38	0° $\approx$		minimum elong	-3019 Aug 16 j 02:02	28° $\approx$ 20'49	1°33'15
					-3019 Aug 17 j 00:53	0° $\approx$	
superior conj	-3020 Sep 03 j 17:10	17° $\approx$ 03'13	1°07'01	max. Earth dist.	-3019 Aug 23 j 08:14	10° $\approx$ 39'45	1.42259 AU
minimum elong	-3020 Sep 03 j 22:48	17° $\approx$ 26'31	1°06'27	evening rise	-3019 Aug 29 j 21:38	21° $\approx$ 16'19	
max. Earth dist.	-3020 Sep 09 j 21:28	27° $\approx$ 08'16	1.43746 AU	desc. node	-3019 Sep 01 j 14:23	25° $\approx$ 30'44	
	-3020 Sep 11 j 16:23	0° $\approx$			-3019 Sep 04 j 12:03	0° $\approx$	
desc. node	-3020 Sep 14 j 17:23	4° $\approx$ 49'08			-3019 Sep 25 j 13:16	0° $\approx$	
evening rise	-3020 Sep 19 j 11:56	12° $\approx$ 15'51		evening max el	-3019 Oct 01 j 03:15	6° $\approx$ 24'58	22°01'43
	-3020 Oct 01 j 04:31	0° $\approx$		retrograde	-3019 Oct 10 j 09:46	11° $\approx$ 55'44	
evening max el	-3020 Oct 18 j 07:51	22° $\approx$ 58'43	20°47'53	evening set	-3019 Oct 14 j 19:22	10° $\approx$ 10'40	
retrograde	-3020 Oct 26 j 13:46	27° $\approx$ 51'29		asc. node	-3019 Oct 17 j 18:58	7° $\approx$ 02'58	
evening set	-3020 Oct 30 j 11:27	26° $\approx$ 24'18		inferior conj	-3019 Oct 20 j 03:17	3° $\approx$ 54'26	0°48'03
asc. node	-3020 Oct 30 j 21:53	26° $\approx$ 03'42		minimum elong	-3019 Oct 20 j 02:11	3° $\approx$ 58'14	0°47'35
inferior conj	-3020 Nov 04 j 21:06	20° $\approx$ 14'50	1°38'54	min. Earth dist.	-3019 Oct 20 j 05:30	3° $\approx$ 46'46	0.67417 AU
minimum elong	-3020 Nov 04 j 18:58	20° $\approx$ 22'04	1°38'02		-3019 Oct 23 j 02:25	30° $\approx$	
min. Earth dist.	-3020 Nov 05 j 09:59	19° $\approx$ 30'57	0.67072 AU	morning rise	-3019 Oct 25 j 08:52	27° $\approx$ 40'15	
morning rise	-3020 Nov 10 j 02:20	14° $\approx$ 00'09		direct	-3019 Oct 30 j 03:03	25° $\approx$ 41'34	
direct	-3020 Nov 15 j 11:39	11° $\approx$ 40'00			-3019 Nov 07 j 08:29	0° $\approx$	
morning max el	-3020 Nov 26 j 12:24	18° $\approx$ 14'39	24°11'40	morning max el	-3019 Nov 08 j 22:56	1° $\approx$ 32'49	22°44'46
	-3020 Dec 06 j 09:41	0° $\approx$		desc. node	-3019 Nov 28 j 13:58	27° $\approx$ 17'19	
desc. node	-3020 Dec 11 j 16:56	7° $\approx$ 17'18			-3019 Nov 30 j 09:38	0° $\approx$	
	-3020 Dec 26 j 13:07	0° $\approx$		morning set	-3019 Dec 12 j 23:24	19° $\approx$ 43'59	
morning set	-3019 Jan 01 j 06:27	9° $\approx$ 37'49		max. Earth dist.	-3019 Dec 17 j 22:28	28° $\approx$ 02'12	1.40254 AU
max. Earth dist.	-3019 Jan 05 j 02:19	16° $\approx$ 22'23	1.38167 AU		-3019 Dec 19 j 01:57	0° $\approx$	
superior conj	-3019 Jan 12 j 03:41	29° $\approx$ 27'31	-1°50'06	superior conj	-3019 Dec 25 j 16:48	11° $\approx$ 42'38	-1°56'37
minimum elong	-3019 Jan 12 j 06:10	29° $\approx$ 39'25	1°50'03	minimum elong	-3019 Dec 25 j 16:59	11° $\approx$ 43'31	1°56'43
	-3019 Jan 12 j 10:28	0° $\approx$		evening rise	-3018 Jan 04 j 11:46	0° $\approx$ 01'02	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3018 Jan 04 j 11:33	0°♄		superior conj	-3018 Dec 07 j 08:01	22°♄52'36	-1°50'50
asc. node	-3018 Jan 13 j 18:07	16°♄47'08		minimum elong	-3018 Dec 07 j 04:28	22°♄37'17	1°50'45
evening max el	-3018 Jan 20 j 17:51	26°♄05'33	18°24'01		-3018 Dec 11 j 10:07	0°♄	
retrograde	-3018 Jan 28 j 03:01	29°♄43'56		evening rise	-3018 Dec 18 j 12:33	12°♄44'41	
evening set	-3018 Jan 30 j 15:43	29°♄19'32			-3018 Dec 28 j 08:29	0°♄	
inferior conj	-3018 Feb 06 j 22:10	24°♄43'30	3°46'34	asc. node	-3018 Dec 31 j 15:10	4°♄54'13	
minimum elong	-3018 Feb 07 j 00:43	24°♄38'13	3°46'11	evening max el	-3017 Jan 04 j 03:45	9°♄05'55	18°08'41
min. Earth dist.	-3018 Feb 10 j 07:47	21°♄56'31	0.59127 AU	retrograde	-3017 Jan 10 j 21:47	12°♄33'29	
morning rise	-3018 Feb 14 j 07:31	19°♄14'54		evening set	-3017 Jan 13 j 13:58	12°♄01'16	
direct	-3018 Feb 20 j 15:01	17°♄30'10		inferior conj	-3017 Jan 20 j 06:41	7°♄03'39	4°00'09
desc. node	-3018 Feb 24 j 13:08	18°♄09'06		minimum elong	-3017 Jan 20 j 06:36	7°♄03'51	4°00'03
morning max el	-3018 Mar 06 j 21:36	25°♄07'28	26°53'28	min. Earth dist.	-3017 Jan 23 j 09:24	4°♄07'19	0.61165 AU
	-3018 Mar 11 j 09:58	0°♄		morning rise	-3017 Jan 26 j 21:53	1°♄18'29	
	-3018 Mar 30 j 19:23	0°♄			-3017 Jan 29 j 05:43	30°♄47'	
morning set	-3018 Apr 06 j 00:13	12°♄21'33		direct	-3017 Feb 02 j 20:00	28°♄58'05	
asc. node	-3018 Apr 11 j 17:35	24°♄38'29			-3017 Feb 07 j 15:23	0°♄	
				desc. node	-3017 Feb 11 j 10:14	2°♄05'17	
superior conj	-3018 Apr 13 j 01:43	27°♄34'22	0°14'02	morning max el	-3017 Feb 16 j 22:25	6°♄42'03	27°35'51
minimum elong	-3018 Apr 13 j 01:06	27°♄30'57	0°13'54		-3017 Mar 06 j 13:38	0°♄	
behind sun begin	-3018 Apr 12 j 22:43	27°♄17'54		morning set	-3017 Mar 21 j 06:57	27°♄04'08	
behind sun end	-3018 Apr 13 j 03:29	27°♄43'59			-3017 Mar 22 j 16:52	0°♄	
max. Earth dist.	-3018 Apr 12 j 22:35	27°♄17'09	1.32520 AU	max. Earth dist.	-3017 Mar 27 j 10:53	10°♄09'30	1.32610 AU
	-3018 Apr 14 j 04:19	0°♄					
evening rise	-3018 Apr 20 j 01:02	12°♄37'12		superior conj	-3017 Mar 28 j 12:56	12°♄31'22	-0°11'14
	-3018 Apr 28 j 22:46	0°♄		minimum elong	-3017 Mar 28 j 13:26	12°♄34'10	0°11'10
evening max el	-3018 May 19 j 02:30	28°♄08'38	26°19'54	behind sun begin	-3017 Mar 28 j 09:50	12°♄14'27	
	-3018 May 21 j 03:56	0°♄		behind sun end	-3017 Mar 28 j 17:03	12°♄53'53	
desc. node	-3018 May 23 j 12:05	1°♄49'12		asc. node	-3017 Mar 29 j 14:37	14°♄51'35	
retrograde	-3018 Jun 02 j 04:21	5°♄26'11		evening rise	-3017 Apr 04 j 11:58	27°♄34'30	
evening set	-3018 Jun 08 j 11:49	3°♄46'22			-3017 Apr 05 j 15:47	0°♄	
min. Earth dist.	-3018 Jun 12 j 15:34	1°♄05'39	0.59502 AU		-3017 Apr 22 j 21:44	0°♄	
	-3018 Jun 14 j 01:49	30°♄48'		evening max el	-3017 Apr 30 j 21:10	9°♄17'37	25°03'49
inferior conj	-3018 Jun 16 j 00:30	28°♄27'55	-4°25'06	desc. node	-3017 May 10 j 09:09	15°♄37'49	
minimum elong	-3018 Jun 16 j 00:01	28°♄28'50	4°25'00	retrograde	-3017 May 14 j 22:03	16°♄25'37	
morning rise	-3018 Jun 23 j 14:33	23°♄54'56		evening set	-3017 May 20 j 01:36	15°♄24'36	
direct	-3018 Jun 26 j 02:46	23°♄32'36		min. Earth dist.	-3017 May 25 j 09:19	12°♄32'59	0.57541 AU
morning max el	-3018 Jul 03 j 18:23	27°♄12'47	18°22'28	inferior conj	-3017 May 28 j 10:34	10°♄29'21	-4°03'03
	-3018 Jul 06 j 07:37	0°♄		minimum elong	-3017 May 28 j 06:17	10°♄36'39	4°02'22
asc. node	-3018 Jul 08 j 17:01	3°♄12'40		morning rise	-3017 Jun 05 j 13:53	6°♄16'45	
morning set	-3018 Jul 19 j 20:19	22°♄44'57		direct	-3017 Jun 08 j 02:07	5°♄58'09	
	-3018 Jul 23 j 15:32	0°♄		morning max el	-3017 Jun 16 j 21:14	10°♄04'51	19°05'31
				asc. node	-3017 Jun 25 j 14:05	21°♄43'31	
superior conj	-3018 Jul 29 j 02:45	10°♄14'06	1°46'28		-3017 Jun 30 j 04:08	0°♄	
minimum elong	-3018 Jul 29 j 04:27	10°♄21'57	1°46'30	morning set	-3017 Jul 03 j 16:58	6°♄52'12	
max. Earth dist.	-3018 Aug 05 j 13:08	23°♄28'00	1.40410 AU				
	-3018 Aug 09 j 09:44	0°♄		superior conj	-3017 Jul 12 j 02:32	23°♄23'56	1°48'25
evening rise	-3018 Aug 10 j 03:58	1°♄15'40		minimum elong	-3017 Jul 12 j 02:00	23°♄21'23	1°48'30
desc. node	-3018 Aug 19 j 11:23	16°♄04'58			-3017 Jul 15 j 13:57	0°♄	
	-3018 Aug 28 j 21:44	0°♄		max. Earth dist.	-3017 Jul 18 j 15:23	5°♄38'01	1.38449 AU
evening max el	-3018 Sep 13 j 17:35	19°♄52'12	23°21'43	evening rise	-3017 Jul 22 j 12:21	12°♄30'56	
retrograde	-3018 Sep 24 j 02:55	26°♄01'00			-3017 Aug 02 j 02:53	0°♄	
evening set	-3018 Sep 29 j 02:19	23°♄56'49		desc. node	-3017 Aug 06 j 08:23	6°♄27'35	
inferior conj	-3018 Oct 04 j 10:02	17°♄37'33	-0°05'12		-3017 Aug 24 j 00:20	0°♄	
minimum elong	-3018 Oct 04 j 10:09	17°♄37'08	0°05'08	evening max el	-3017 Aug 27 j 05:10	3°♄23'03	24°41'13
transit middle	-3018 Oct 04 j 10:09	17°♄37'08	0°05'08	retrograde	-3017 Sep 07 j 16:11	10°♄04'17	
transit begin	-3018 Oct 04 j 07:35	17°♄45'57		evening set	-3017 Sep 13 j 06:31	7°♄41'29	
transit end	-3018 Oct 04 j 12:43	17°♄28'19		min. Earth dist.	-3017 Sep 17 j 21:08	2°♄24'13	0.67202 AU
min. Earth dist.	-3018 Oct 04 j 02:04	18°♄04'53	0.67460 AU	inferior conj	-3017 Sep 18 j 15:36	1°♄22'39	-0°59'13
asc. node	-3018 Oct 04 j 16:05	17°♄16'47		minimum elong	-3017 Sep 18 j 17:00	1°♄17'57	0°58'34
morning rise	-3018 Oct 09 j 17:53	11°♄26'45			-3017 Sep 19 j 16:37	30°♄48'	
direct	-3018 Oct 13 j 22:07	9°♄49'31		asc. node	-3017 Sep 21 j 13:12	27°♄43'24	
morning max el	-3018 Oct 22 j 14:27	14°♄56'43	21°22'11	morning rise	-3017 Sep 24 j 03:30	25°♄18'24	
	-3018 Nov 03 j 12:29	0°♄		direct	-3017 Sep 27 j 19:37	24°♄00'43	
desc. node	-3018 Nov 15 j 10:59	17°♄35'16		morning max el	-3017 Oct 05 j 13:10	28°♄29'40	20°09'50
morning set	-3018 Nov 22 j 12:18	28°♄30'53			-3017 Oct 06 j 22:53	0°♄	
	-3018 Nov 23 j 10:52	0°♄			-3017 Oct 28 j 01:57	0°♄	
max. Earth dist.	-3018 Nov 30 j 00:20	10°♄34'33	1.42204 AU	morning set	-3017 Nov 01 j 10:10	6°♄41'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-3017 Nov 02 j 07:58	8°♌05'46		superior conj	-3016 Oct 27 j 07:26	11°♌31'06	-0°50'19
max. Earth dist.	-3017 Nov 12 j 10:13	23°♌59'18	1.43740 AU	minimum elong	-3016 Oct 27 j 01:21	11°♌07'02	0°49'35
	-3017 Nov 16 j 03:41	0°♌			-3016 Nov 07 j 19:36	0°♌	
				evening rise	-3016 Nov 11 j 06:16	5°♌38'05	
superior conj	-3017 Nov 17 j 20:30	2°♌46'29	-1°29'00		-3016 Nov 26 j 13:28	0°♌	
minimum elong	-3017 Nov 17 j 13:31	2°♌17'55	1°28'25	evening max el	-3016 Dec 01 j 04:23	5°♌43'06	18°35'08
evening rise	-3017 Nov 30 j 20:12	24°♌39'47		asc. node	-3016 Dec 04 j 09:19	8°♌21'41	
	-3017 Dec 03 j 22:22	0°♌		retrograde	-3016 Dec 07 j 20:01	9°♌25'26	
evening max el	-3017 Dec 18 j 16:11	22°♌20'28	18°12'41	evening set	-3016 Dec 10 j 20:34	8°♌34'21	
asc. node	-3017 Dec 18 j 12:15	22°♌10'25		inferior conj	-3016 Dec 16 j 18:16	2°♌57'47	3°25'55
retrograde	-3017 Dec 25 j 04:53	25°♌50'05		minimum elong	-3016 Dec 16 j 15:21	3°♌06'26	3°25'13
evening set	-3017 Dec 28 j 00:43	25°♌09'05		min. Earth dist.	-3016 Dec 18 j 16:38	0°♌40'52	0.64638 AU
inferior conj	-3016 Jan 03 j 06:39	19°♌50'47	3°50'55		-3016 Dec 19 j 06:56	30°♌	
minimum elong	-3016 Jan 03 j 04:39	19°♌56'07	3°50'36	morning rise	-3016 Dec 22 j 09:44	26°♌52'50	
min. Earth dist.	-3016 Jan 05 j 19:59	17°♌06'54	0.63055 AU	direct	-3016 Dec 29 j 05:24	24°♌01'16	
morning rise	-3016 Jan 09 j 07:52	13°♌54'09			-3015 Jan 09 j 18:57	0°♌	
direct	-3016 Jan 16 j 09:11	11°♌10'40		morning max el	-3015 Jan 11 j 14:04	1°♌42'40	27°13'19
desc. node	-3016 Jan 29 j 07:19	18°♌04'44		desc. node	-3015 Jan 15 j 04:21	5°♌33'14	
morning max el	-3016 Jan 30 j 04:41	18°♌56'24	27°41'52		-3015 Feb 01 j 18:14	0°♌	
	-3016 Feb 08 j 14:55	0°♌		morning set	-3015 Feb 15 j 23:49	25°♌16'07	
	-3016 Feb 27 j 09:48	0°♌			-3015 Feb 18 j 09:20	0°♌	
morning set	-3016 Mar 04 j 07:46	11°♌25'24		max. Earth dist.	-3015 Feb 20 j 17:36	4°♌45'14	1.33955 AU
max. Earth dist.	-3016 Mar 09 j 18:31	22°♌42'45	1.33077 AU				
				superior conj	-3015 Feb 24 j 02:32	11°♌46'22	-1°01'23
superior conj	-3016 Mar 11 j 21:49	27°♌17'24	-0°36'43	minimum elong	-3015 Feb 24 j 05:12	12°♌00'24	1°01'00
minimum elong	-3016 Mar 11 j 23:29	27°♌26'21	0°36'27	asc. node	-3015 Mar 02 j 08:37	25°♌02'01	
	-3016 Mar 13 j 03:58	0°♌		evening rise	-3015 Mar 03 j 10:23	27°♌17'08	
asc. node	-3016 Mar 15 j 11:37	5°♌00'46			-3015 Mar 04 j 17:49	0°♌	
evening rise	-3016 Mar 18 j 23:40	12°♌29'53			-3015 Mar 23 j 12:54	0°♌	
	-3016 Mar 27 j 22:54	0°♌		evening max el	-3015 Mar 24 j 07:30	0°♌45'44	21°58'14
evening max el	-3016 Apr 11 j 12:45	20°♌00'43	23°31'46	retrograde	-3015 Apr 05 j 20:49	6°♌51'50	
retrograde	-3016 Apr 25 j 03:04	26°♌46'41		evening set	-3015 Apr 08 j 14:03	6°♌35'21	
desc. node	-3016 Apr 26 j 06:15	26°♌43'48		desc. node	-3015 Apr 13 j 03:19	5°♌02'47	
evening set	-3016 Apr 28 j 21:52	26°♌15'14		inferior conj	-3015 Apr 17 j 23:12	2°♌29'37	-1°20'10
min. Earth dist.	-3016 May 05 j 23:37	23°♌00'10	0.55996 AU	minimum elong	-3015 Apr 17 j 19:32	2°♌34'46	1°18'55
inferior conj	-3016 May 08 j 00:31	21°♌47'12	-3°01'01	min. Earth dist.	-3015 Apr 17 j 13:15	2°♌43'38	0.55187 AU
minimum elong	-3016 May 07 j 18:14	21°♌56'36	2°59'21		-3015 Apr 22 j 17:09	30°♌	
morning rise	-3016 May 16 j 17:23	17°♌48'54		morning rise	-3015 Apr 27 j 02:14	28°♌31'28	
direct	-3016 May 19 j 06:32	17°♌32'42		direct	-3015 Apr 29 j 20:31	28°♌14'27	
morning max el	-3016 May 29 j 14:27	22°♌20'13	20°09'11		-3015 May 06 j 13:04	0°♌	
	-3016 Jun 04 j 23:56	0°♌		morning max el	-3015 May 11 j 20:49	3°♌53'57	21°31'42
asc. node	-3016 Jun 11 j 11:07	10°♌48'37		asc. node	-3015 May 29 j 08:07	0°♌19'20	
morning set	-3016 Jun 16 j 20:42	21°♌22'43			-3015 May 29 j 04:14	0°♌	
	-3016 Jun 21 j 01:58	0°♌		morning set	-3015 Jun 01 j 05:07	6°♌09'40	
superior conj	-3016 Jun 24 j 15:49	7°♌15'55	1°41'58	superior conj	-3015 Jun 08 j 14:34	21°♌38'04	1°29'17
minimum elong	-3016 Jun 24 j 13:52	7°♌06'06	1°41'56	minimum elong	-3015 Jun 08 j 12:00	21°♌24'39	1°29'04
max. Earth dist.	-3016 Jun 29 j 20:15	17°♌27'05	1.36606 AU	max. Earth dist.	-3015 Jun 12 j 08:44	29°♌19'58	1.35058 AU
evening rise	-3016 Jul 03 j 19:49	24°♌54'26			-3015 Jun 12 j 16:42	0°♌	
	-3016 Jul 06 j 15:44	0°♌		evening rise	-3015 Jun 16 j 21:11	8°♌12'32	
desc. node	-3016 Jul 23 j 05:24	26°♌32'18			-3015 Jun 29 j 05:51	0°♌	
	-3016 Jul 25 j 16:10	0°♌		desc. node	-3015 Jul 10 j 02:25	16°♌10'56	
evening max el	-3016 Aug 08 j 16:07	16°♌56'01	25°52'42		-3015 Jul 21 j 17:01	0°♌	
retrograde	-3016 Aug 21 j 00:54	24°♌00'54		evening max el	-3015 Jul 22 j 03:23	0°♌25'21	26°48'12
evening set	-3016 Aug 27 j 06:03	21°♌22'32		retrograde	-3015 Aug 04 j 04:42	7°♌43'55	
min. Earth dist.	-3016 Aug 31 j 12:15	16°♌42'29	0.66610 AU	evening set	-3015 Aug 10 j 22:36	4°♌56'47	
inferior conj	-3016 Sep 01 j 18:11	15°♌07'33	-1°52'18	min. Earth dist.	-3015 Aug 14 j 21:07	0°♌54'53	0.65657 AU
minimum elong	-3016 Sep 01 j 20:50	14°♌59'10	1°51'13		-3015 Aug 15 j 15:47	30°♌	
morning rise	-3016 Sep 07 j 11:46	9°♌12'59		inferior conj	-3015 Aug 16 j 15:47	28°♌48'44	-2°42'33
asc. node	-3016 Sep 07 j 10:18	9°♌15'19		minimum elong	-3015 Aug 16 j 19:24	28°♌38'03	2°41'17
direct	-3016 Sep 10 j 17:53	8°♌11'51		morning rise	-3015 Aug 22 j 16:36	23°♌06'58	
morning max el	-3016 Sep 17 j 19:06	12°♌11'37	19°11'24	asc. node	-3015 Aug 25 j 07:22	22°♌19'37	
	-3016 Sep 30 j 19:35	0°♌		direct	-3015 Aug 25 j 15:02	22°♌19'03	
morning set	-3016 Oct 10 j 16:50	15°♌24'35		morning max el	-3015 Sep 01 j 06:32	25°♌58'41	18°28'47
desc. node	-3016 Oct 19 j 04:57	28°♌44'50			-3015 Sep 04 j 16:41	0°♌	
	-3016 Oct 20 j 00:06	0°♌		morning set	-3015 Sep 21 j 00:30	25°♌22'35	
max. Earth dist.	-3016 Oct 25 j 02:04	8°♌00'03	1.44659 AU		-3015 Sep 23 j 21:00	0°♌	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-3015 Oct 06 j 07:03	19° $\mathbb{M}$ 48'45	-0°01'23	superior conj	-3014 Sep 15 j 18:01	28° $\mathbb{Q}$ 43'41	0°45'14
minimum elong	-3015 Oct 06 j 06:52	19° $\mathbb{M}$ 48'03	0°01'21	minimum elong	-3014 Sep 15 j 22:49	29° $\mathbb{Q}$ 03'09	0°44'41
behind sun begin	-3015 Oct 05 j 19:36	19° $\mathbb{M}$ 03'34			-3014 Sep 16 j 12:54	0° $\mathbb{M}$	
behind sun end	-3015 Oct 06 j 18:08	20° $\mathbb{M}$ 32'31		max. Earth dist.	-3014 Sep 20 j 13:27	6° $\mathbb{M}$ 26'34	1.44344 AU
desc. node	-3015 Oct 06 j 01:55	19° $\mathbb{M}$ 28'32		desc. node	-3014 Sep 22 j 22:55	10° $\mathbb{M}$ 14'09	
max. Earth dist.	-3015 Oct 07 j 20:08	22° $\mathbb{M}$ 14'57	1.44863 AU	evening rise	-3014 Oct 02 j 03:52	24° $\mathbb{M}$ 35'49	
	-3015 Oct 12 j 18:24	0° $\mathbb{L}$			-3014 Oct 05 j 16:04	0° $\mathbb{L}$	
evening rise	-3015 Oct 22 j 15:42	15° $\mathbb{L}$ 33'20		greatest brilliancy	-3014 Oct 15 j 23:45	15° $\mathbb{L}$ 37'25	-0.6m
	-3015 Oct 31 j 20:07	0° $\mathbb{M}$			-3014 Oct 26 j 10:51	0° $\mathbb{M}$	
greatest brilliancy	-3015 Nov 01 j 08:12	0° $\mathbb{M}$ 47'00	-0.8m	evening max el	-3014 Oct 28 j 18:48	2° $\mathbb{M}$ 35'56	20°10'07
evening max el	-3015 Nov 14 j 13:53	19° $\mathbb{M}$ 08'48	19°14'53	retrograde	-3014 Nov 05 j 12:49	7° $\mathbb{M}$ 08'52	
asc. node	-3015 Nov 21 j 06:24	23° $\mathbb{M}$ 11'54		asc. node	-3014 Nov 08 j 03:28	6° $\mathbb{M}$ 29'27	
retrograde	-3015 Nov 21 j 15:35	23° $\mathbb{M}$ 12'44		evening set	-3014 Nov 09 j 04:28	5° $\mathbb{M}$ 51'21	
evening set	-3015 Nov 24 j 22:35	22° $\mathbb{M}$ 09'39		inferior conj	-3014 Nov 14 j 15:51	29° $\mathbb{L}$ 47'34	2°06'28
inferior conj	-3015 Nov 30 j 14:13	16° $\mathbb{M}$ 17'51	2°49'59	minimum elong	-3014 Nov 14 j 13:16	29° $\mathbb{L}$ 56'12	2°05'29
minimum elong	-3015 Nov 30 j 11:10	16° $\mathbb{M}$ 27'32	2°49'01		-3014 Nov 14 j 12:08	30° $\mathbb{R}$ $\mathbb{L}$	
min. Earth dist.	-3015 Dec 01 j 22:27	14° $\mathbb{M}$ 35'17	0.65864 AU	min. Earth dist.	-3014 Nov 15 j 11:27	28° $\mathbb{L}$ 42'01	0.66733 AU
morning rise	-3015 Dec 05 j 23:29	10° $\mathbb{M}$ 07'08		morning rise	-3014 Nov 19 j 21:51	23° $\mathbb{L}$ 33'34	
direct	-3015 Dec 12 j 07:55	7° $\mathbb{M}$ 20'40		direct	-3014 Nov 25 j 16:04	21° $\mathbb{L}$ 01'51	
morning max el	-3015 Dec 24 j 23:43	14° $\mathbb{M}$ 46'52	26°16'26	morning max el	-3014 Dec 07 j 08:23	27° $\mathbb{L}$ 58'46	25°00'12
desc. node	-3014 Jan 02 j 01:23	24° $\mathbb{M}$ 03'54			-3014 Dec 09 j 06:36	0° $\mathbb{M}$	
	-3014 Jan 06 j 12:21	0° $\mathbb{J}$		desc. node	-3014 Dec 19 j 22:26	13° $\mathbb{M}$ 18'52	
	-3014 Jan 25 j 12:29	0° $\mathbb{Z}$			-3014 Dec 31 j 05:53	0° $\mathbb{J}$	
morning set	-3014 Jan 30 j 03:08	8° $\mathbb{Z}$ 23'22		morning set	-3013 Jan 12 j 12:30	20° $\mathbb{J}$ 32'19	
max. Earth dist.	-3014 Feb 03 j 05:00	16° $\mathbb{Z}$ 11'27	1.35274 AU	max. Earth dist.	-3013 Jan 16 j 05:18	27° $\mathbb{J}$ 15'35	1.37022 AU
					-3013 Jan 17 j 16:34	0° $\mathbb{Z}$	
superior conj	-3014 Feb 08 j 00:41	25° $\mathbb{Z}$ 50'18	-1°23'53	superior conj	-3013 Jan 22 j 13:20	9° $\mathbb{Z}$ 21'03	-1°42'19
minimum elong	-3014 Feb 08 j 03:57	26° $\mathbb{Z}$ 06'58	1°23'31	minimum elong	-3013 Jan 22 j 16:26	9° $\mathbb{Z}$ 36'18	1°42'07
	-3014 Feb 10 j 01:17	0° $\mathbb{A}$		evening rise	-3013 Jan 30 j 21:02	26° $\mathbb{Z}$ 00'14	
evening rise	-3014 Feb 15 j 18:12	11° $\mathbb{A}$ 49'14			-3013 Feb 01 j 21:13	0° $\mathbb{A}$	
asc. node	-3014 Feb 17 j 05:38	14° $\mathbb{A}$ 50'03		asc. node	-3013 Feb 04 j 02:40	4° $\mathbb{A}$ 19'35	
	-3014 Feb 25 j 08:50	0° $\mathbb{H}$		evening max el	-3013 Feb 17 j 01:34	23° $\mathbb{A}$ 45'14	19°28'42
evening max el	-3014 Mar 06 j 11:06	11° $\mathbb{H}$ 57'09	20°35'02	retrograde	-3013 Feb 26 j 08:33	28° $\mathbb{A}$ 10'35	
retrograde	-3014 Mar 17 j 10:32	17° $\mathbb{H}$ 11'14		evening set	-3013 Feb 28 j 15:40	27° $\mathbb{A}$ 55'37	
evening set	-3014 Mar 19 j 17:08	16° $\mathbb{H}$ 58'40		inferior conj	-3013 Mar 09 j 01:05	23° $\mathbb{A}$ 49'37	2°18'45
inferior conj	-3014 Mar 28 j 18:45	13° $\mathbb{H}$ 00'54	0°37'18	minimum elong	-3013 Mar 09 j 05:50	23° $\mathbb{A}$ 41'53	2°17'20
minimum elong	-3014 Mar 28 j 20:26	12° $\mathbb{H}$ 58'27	0°36'42	min. Earth dist.	-3013 Mar 11 j 18:12	22° $\mathbb{A}$ 04'23	0.56320 AU
min. Earth dist.	-3014 Mar 30 j 03:24	12° $\mathbb{H}$ 13'28	0.55302 AU	morning rise	-3013 Mar 17 j 17:19	19° $\mathbb{A}$ 03'14	
desc. node	-3014 Mar 31 j 00:23	11° $\mathbb{H}$ 43'31		desc. node	-3013 Mar 17 j 21:29	18° $\mathbb{A}$ 59'46	
morning rise	-3014 Apr 06 j 22:25	8° $\mathbb{H}$ 44'09		direct	-3013 Mar 22 j 06:55	18° $\mathbb{A}$ 15'51	
direct	-3014 Apr 10 j 08:47	8° $\mathbb{H}$ 18'31		morning max el	-3013 Apr 05 j 08:40	25° $\mathbb{A}$ 24'18	24°46'40
morning max el	-3014 Apr 23 j 17:29	14° $\mathbb{H}$ 49'43	23°07'40		-3013 Apr 09 j 15:25	0° $\mathbb{H}$	
	-3014 May 05 j 11:20	0° $\mathbb{Y}$			-3013 Apr 28 j 04:49	0° $\mathbb{Y}$	
asc. node	-3014 May 16 j 05:08	20° $\mathbb{Y}$ 08'52		morning set	-3013 May 01 j 04:25	6° $\mathbb{Y}$ 08'33	
morning set	-3014 May 16 j 16:17	21° $\mathbb{Y}$ 07'00		asc. node	-3013 May 03 j 02:08	10° $\mathbb{Y}$ 11'10	
	-3014 May 20 j 20:36	0° $\mathbb{B}$					
superior conj	-3014 May 23 j 19:44	6° $\mathbb{B}$ 20'57	1°11'58	superior conj	-3013 May 08 j 04:56	21° $\mathbb{Y}$ 16'10	0°51'16
minimum elong	-3014 May 23 j 17:11	6° $\mathbb{B}$ 07'17	1°11'38	minimum elong	-3013 May 08 j 02:53	21° $\mathbb{Y}$ 04'59	0°50'54
max. Earth dist.	-3014 May 26 j 07:05	11° $\mathbb{B}$ 35'05	1.33881 AU	max. Earth dist.	-3013 May 09 j 13:57	24° $\mathbb{Y}$ 14'47	1.33081 AU
evening rise	-3014 May 31 j 11:39	22° $\mathbb{B}$ 11'31			-3013 May 12 j 06:32	0° $\mathbb{B}$	
	-3014 Jun 04 j 12:49	0° $\mathbb{I}$		evening rise	-3013 May 15 j 11:18	6° $\mathbb{B}$ 38'48	
	-3014 Jun 23 j 00:10	0° $\mathbb{E}$			-3013 May 28 j 01:54	0° $\mathbb{I}$	
desc. node	-3014 Jun 26 j 23:26	5° $\mathbb{E}$ 12'30		desc. node	-3013 Jun 13 j 20:29	23° $\mathbb{I}$ 20'49	
evening max el	-3014 Jul 04 j 14:34	13° $\mathbb{E}$ 42'18	27°20'10	evening max el	-3013 Jun 16 j 23:41	26° $\mathbb{I}$ 33'47	27°22'27
retrograde	-3014 Jul 18 j 03:07	21° $\mathbb{E}$ 05'30			-3013 Jun 21 j 00:24	0° $\mathbb{E}$	
evening set	-3014 Jul 25 j 05:23	18° $\mathbb{E}$ 20'14		retrograde	-3013 Jun 30 j 19:12	3° $\mathbb{E}$ 55'50	
min. Earth dist.	-3014 Jul 28 j 21:46	14° $\mathbb{E}$ 54'15	0.64328 AU	evening set	-3013 Jul 07 j 22:44	1° $\mathbb{E}$ 25'55	
inferior conj	-3014 Jul 31 j 06:05	12° $\mathbb{E}$ 22'13	-3°27'22		-3013 Jul 09 j 19:30	30° $\mathbb{R}$ $\mathbb{I}$	
minimum elong	-3014 Jul 31 j 10:06	12° $\mathbb{E}$ 11'20	3°26'16	min. Earth dist.	-3013 Jul 11 j 12:41	28° $\mathbb{I}$ 28'36	0.62645 AU
morning rise	-3014 Aug 06 j 15:34	6° $\mathbb{E}$ 56'14		inferior conj	-3013 Jul 14 j 10:12	25° $\mathbb{I}$ 40'57	-4°02'59
direct	-3014 Aug 09 j 08:40	6° $\mathbb{E}$ 18'17		minimum elong	-3013 Jul 14 j 13:38	25° $\mathbb{I}$ 32'36	4°02'20
asc. node	-3014 Aug 12 j 04:25	6° $\mathbb{E}$ 59'22		morning rise	-3013 Jul 21 j 05:43	20° $\mathbb{I}$ 33'46	
morning max el	-3014 Aug 15 j 21:04	9° $\mathbb{E}$ 46'16	18°03'11	direct	-3013 Jul 23 j 19:44	20° $\mathbb{I}$ 03'09	
	-3014 Aug 29 j 13:28	0° $\mathbb{Q}$		asc. node	-3013 Jul 30 j 01:29	23° $\mathbb{I}$ 02'43	
morning set	-3014 Sep 02 j 11:35	6° $\mathbb{Q}$ 39'45		morning max el	-3013 Jul 30 j 11:58	23° $\mathbb{I}$ 27'46	17°55'35
					-3013 Aug 04 j 16:33	0° $\mathbb{E}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-3013 Aug 15 j 21:18	19° $\mathfrak{C}$ 01'32		morning set	-3012 Jul 29 j 00:02	2° $\mathfrak{C}$ 12'56	
	-3013 Aug 22 j 02:15	0° $\mathfrak{Q}$					
superior conj	-3013 Aug 27 j 06:33	8° $\mathfrak{Q}$ 54'20	1°20'01	superior conj	-3012 Aug 07 j 22:06	20° $\mathfrak{C}$ 25'29	1°40'32
minimum elong	-3013 Aug 27 j 11:55	9° $\mathfrak{Q}$ 17'02	1°19'33	minimum elong	-3012 Aug 08 j 01:19	20° $\mathfrak{C}$ 39'50	1°40'25
max. Earth dist.	-3013 Sep 03 j 03:23	20° $\mathfrak{Q}$ 17'35	1.43175 AU		-3012 Aug 13 j 09:46	0° $\mathfrak{Q}$	
	-3013 Sep 09 j 05:09	0° $\mathfrak{M}$		max. Earth dist.	-3012 Aug 15 j 12:03	3° $\mathfrak{Q}$ 32'56	1.41509 AU
desc. node	-3013 Sep 09 j 19:54	0° $\mathfrak{M}$ 57'56		evening rise	-3012 Aug 21 j 01:46	12° $\mathfrak{Q}$ 42'52	
evening rise	-3013 Sep 11 j 08:44	3° $\mathfrak{M}$ 21'49		desc. node	-3012 Aug 26 j 16:53	21° $\mathfrak{Q}$ 36'32	
	-3013 Sep 29 j 04:01	0° $\mathfrak{Q}$			-3012 Sep 01 j 05:15	0° $\mathfrak{M}$	
evening max el	-3013 Oct 11 j 17:50	16° $\mathfrak{Q}$ 02'40	21°18'15	evening max el	-3012 Sep 23 j 10:56	29° $\mathfrak{M}$ 28'53	22°35'22
retrograde	-3013 Oct 20 j 09:40	21° $\mathfrak{Q}$ 10'46			-3012 Sep 23 j 23:26	0° $\mathfrak{Q}$	
evening set	-3013 Oct 24 j 12:11	19° $\mathfrak{Q}$ 36'16		retrograde	-3012 Oct 03 j 04:30	5° $\mathfrak{Q}$ 15'36	
asc. node	-3013 Oct 26 j 00:33	18° $\mathfrak{Q}$ 13'38		evening set	-3012 Oct 07 j 19:54	3° $\mathfrak{Q}$ 22'16	
inferior conj	-3013 Oct 29 j 20:56	13° $\mathfrak{Q}$ 23'46	1°17'44		-3012 Oct 10 j 23:23	30° $\mathfrak{R}$ $\mathfrak{M}$	
minimum elong	-3013 Oct 29 j 19:13	13° $\mathfrak{Q}$ 29'41	1°17'01	asc. node	-3012 Oct 11 j 21:40	28° $\mathfrak{M}$ 46'48	
min. Earth dist.	-3013 Oct 30 j 05:14	12° $\mathfrak{Q}$ 55'16	0.67262 AU	inferior conj	-3012 Oct 13 j 03:33	27° $\mathfrak{M}$ 04'25	0°25'39
morning rise	-3013 Nov 04 j 02:04	7° $\mathfrak{Q}$ 09'05		minimum elong	-3012 Oct 13 j 02:57	27° $\mathfrak{M}$ 06'29	0°25'24
direct	-3013 Nov 09 j 05:01	4° $\mathfrak{Q}$ 57'39		min. Earth dist.	-3012 Oct 13 j 01:23	27° $\mathfrak{M}$ 11'56	0.67475 AU
morning max el	-3013 Nov 19 j 17:18	11° $\mathfrak{Q}$ 13'53	23°34'37	morning rise	-3012 Oct 18 j 09:54	20° $\mathfrak{M}$ 51'35	
	-3013 Dec 04 j 15:46	0° $\mathfrak{M}$		direct	-3012 Oct 22 j 21:59	19° $\mathfrak{M}$ 02'15	
desc. node	-3013 Dec 06 j 19:29	3° $\mathfrak{M}$ 05'13		morning max el	-3012 Nov 01 j 05:36	24° $\mathfrak{M}$ 33'46	22°08'47
	-3013 Dec 24 j 01:10	0° $\mathfrak{X}$			-3012 Nov 06 j 00:49	0° $\mathfrak{Q}$	
morning set	-3013 Dec 24 j 21:46	1° $\mathfrak{X}$ 26'42		desc. node	-3012 Nov 22 j 16:30	23° $\mathfrak{Q}$ 13'25	
max. Earth dist.	-3013 Dec 29 j 00:54	8° $\mathfrak{X}$ 33'36	1.39057 AU		-3012 Nov 27 j 03:28	0° $\mathfrak{M}$	
				morning set	-3012 Dec 04 j 02:16	10° $\mathfrak{M}$ 56'42	
superior conj	-3012 Jan 05 j 12:32	22° $\mathfrak{X}$ 08'04	-1°54'07	max. Earth dist.	-3012 Dec 09 j 23:36	20° $\mathfrak{M}$ 37'04	1.41118 AU
minimum elong	-3012 Jan 05 j 14:15	22° $\mathfrak{X}$ 16'07	1°54'09		-3012 Dec 15 j 11:11	0° $\mathfrak{X}$	
	-3012 Jan 09 j 15:54	0° $\mathfrak{Z}$		superior conj	-3012 Dec 17 j 17:04	3° $\mathfrak{X}$ 57'10	-1°55'55
evening rise	-3012 Jan 14 j 16:23	9° $\mathfrak{Z}$ 43'51		minimum elong	-3012 Dec 17 j 15:48	3° $\mathfrak{X}$ 51'33	1°55'59
asc. node	-3012 Jan 21 j 23:43	23° $\mathfrak{Z}$ 24'12		evening rise	-3012 Dec 28 j 01:04	22° $\mathfrak{X}$ 51'50	
	-3012 Jan 26 j 01:43	0° $\mathfrak{Z}$			-3012 Dec 31 j 21:34	0° $\mathfrak{Z}$	
evening max el	-3012 Jan 31 j 01:39	6° $\mathfrak{Z}$ 07'35	18°41'50	asc. node	-3011 Jan 07 j 20:48	11° $\mathfrak{Z}$ 55'05	
retrograde	-3012 Feb 08 j 00:12	9° $\mathfrak{Z}$ 58'31		evening max el	-3011 Jan 13 j 08:44	18° $\mathfrak{Z}$ 55'53	18°15'01
evening set	-3012 Feb 10 j 10:58	9° $\mathfrak{Z}$ 37'55		retrograde	-3011 Jan 20 j 10:12	22° $\mathfrak{Z}$ 28'13	
inferior conj	-3012 Feb 18 j 02:38	5° $\mathfrak{Z}$ 13'41	3°24'58	evening set	-3011 Jan 23 j 00:24	22° $\mathfrak{Z}$ 00'34	
minimum elong	-3012 Feb 18 j 06:37	5° $\mathfrak{Z}$ 06'09	3°24'11	inferior conj	-3011 Jan 30 j 00:35	17° $\mathfrak{Z}$ 14'59	3°55'37
min. Earth dist.	-3012 Feb 21 j 10:50	2° $\mathfrak{Z}$ 43'34	0.57998 AU	minimum elong	-3011 Jan 30 j 01:59	17° $\mathfrak{Z}$ 11'55	3°55'27
morning rise	-3012 Feb 25 j 23:45	29° $\mathfrak{Z}$ 58'40		min. Earth dist.	-3011 Feb 02 j 08:15	14° $\mathfrak{Z}$ 21'18	0.59995 AU
	-3012 Feb 25 j 22:37	30° $\mathfrak{R}$ $\mathfrak{Z}$		morning rise	-3011 Feb 06 j 01:46	11° $\mathfrak{Z}$ 38'26	
direct	-3012 Mar 02 j 17:56	28° $\mathfrak{Z}$ 36'47		direct	-3011 Feb 12 j 16:44	9° $\mathfrak{Z}$ 37'53	
desc. node	-3012 Mar 03 j 18:35	28° $\mathfrak{Z}$ 39'24		desc. node	-3011 Feb 18 j 15:41	11° $\mathfrak{Z}$ 07'54	
	-3012 Mar 08 j 15:25	0° $\mathfrak{Z}$		morning max el	-3011 Feb 26 j 22:04	17° $\mathfrak{Z}$ 18'13	27°15'52
morning max el	-3012 Mar 17 j 00:39	6° $\mathfrak{Z}$ 05'53	26°14'10		-3011 Mar 09 j 11:21	0° $\mathfrak{Z}$	
	-3012 Apr 03 j 14:52	0° $\mathfrak{X}$			-3011 Mar 27 j 02:18	0° $\mathfrak{X}$	
morning set	-3012 Apr 14 j 15:56	21° $\mathfrak{X}$ 08'28		morning set	-3011 Mar 30 j 00:59	5° $\mathfrak{X}$ 59'17	
asc. node	-3012 Apr 18 j 23:11	0° $\mathfrak{Y}$ 21'27		max. Earth dist.	-3011 Apr 05 j 15:27	20° $\mathfrak{X}$ 08'22	1.32521 AU
	-3012 Apr 18 j 19:14	0° $\mathfrak{Y}$		asc. node	-3011 Apr 05 j 20:12	20° $\mathfrak{X}$ 34'24	
superior conj	-3012 Apr 21 j 16:17	6° $\mathfrak{Y}$ 17'14	0°28'08	superior conj	-3011 Apr 06 j 03:59	21° $\mathfrak{X}$ 17'00	0°03'26
minimum elong	-3012 Apr 21 j 15:04	6° $\mathfrak{Y}$ 10'34	0°27'53	minimum elong	-3011 Apr 06 j 03:50	21° $\mathfrak{X}$ 16'09	0°03'22
max. Earth dist.	-3012 Apr 22 j 02:02	7° $\mathfrak{Y}$ 10'38	1.32633 AU	behind sun begin	-3011 Apr 05 j 22:55	20° $\mathfrak{X}$ 49'15	
evening rise	-3012 Apr 28 j 17:11	21° $\mathfrak{Y}$ 24'28		behind sun end	-3011 Apr 06 j 08:45	21° $\mathfrak{X}$ 43'04	
	-3012 May 02 j 23:29	0° $\mathfrak{Z}$			-3011 Apr 10 j 03:50	0° $\mathfrak{Y}$	
	-3012 May 21 j 09:34	0° $\mathfrak{I}$		evening rise	-3011 Apr 13 j 02:50	6° $\mathfrak{Y}$ 19'08	
evening max el	-3012 May 29 j 04:03	8° $\mathfrak{I}$ 47'46	26°51'49		-3011 Apr 25 j 15:54	0° $\mathfrak{Z}$	
desc. node	-3012 May 30 j 17:31	10° $\mathfrak{I}$ 13'28		evening max el	-3011 May 11 j 01:50	20° $\mathfrak{Z}$ 17'45	25°50'09
retrograde	-3012 Jun 12 j 03:51	16° $\mathfrak{I}$ 06'47		desc. node	-3011 May 17 j 14:35	25° $\mathfrak{Z}$ 19'29	
evening set	-3012 Jun 18 j 22:24	14° $\mathfrak{I}$ 05'40		retrograde	-3011 May 25 j 03:41	27° $\mathfrak{Z}$ 32'15	
min. Earth dist.	-3012 Jun 22 j 17:34	11° $\mathfrak{I}$ 23'59	0.60692 AU	evening set	-3011 May 31 j 00:45	26° $\mathfrak{Z}$ 08'57	
inferior conj	-3012 Jun 26 j 00:42	8° $\mathfrak{I}$ 36'47	-4°23'28	min. Earth dist.	-3011 Jun 04 j 14:12	23° $\mathfrak{Z}$ 25'43	0.58646 AU
minimum elong	-3012 Jun 26 j 02:07	8° $\mathfrak{I}$ 33'47	4°23'17	inferior conj	-3011 Jun 07 j 21:56	20° $\mathfrak{Z}$ 59'50	-4°20'04
morning rise	-3012 Jul 03 j 07:37	3° $\mathfrak{I}$ 51'00		minimum elong	-3011 Jun 07 j 19:50	21° $\mathfrak{Z}$ 03'42	4°19'50
direct	-3012 Jul 05 j 20:20	3° $\mathfrak{I}$ 25'51		morning rise	-3011 Jun 15 j 17:33	16° $\mathfrak{Z}$ 36'13	
morning max el	-3012 Jul 13 j 00:28	6° $\mathfrak{I}$ 56'42	18°06'57	direct	-3011 Jun 18 j 05:51	16° $\mathfrak{Z}$ 15'33	
asc. node	-3012 Jul 15 j 22:34	10° $\mathfrak{I}$ 14'30		morning max el	-3011 Jun 26 j 07:42	20° $\mathfrak{Z}$ 04'47	18°38'19
	-3012 Jul 27 j 19:28	0° $\mathfrak{C}$		asc. node	-3011 Jul 02 j 19:38	28° $\mathfrak{Z}$ 19'49	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3011 Jul 03 j 20:45	0°♄		morning max el	-3010 Jun 09 j 06:47	2°♄42'16	19°30'11
morning set	-3011 Jul 12 j 15:11	16°♄02'06		asc. node	-3010 Jun 19 j 16:41	17°♄05'59	
	-3011 Jul 19 j 20:49	0°♄			-3010 Jun 26 j 11:13	0°♄	
				morning set	-3010 Jun 26 j 15:07	0°♄19'27	
superior conj	-3011 Jul 21 j 11:49	3°♄04'01	1°48'28				
minimum elong	-3011 Jul 21 j 12:29	3°♄07'11	1°48'34	superior conj	-3010 Jul 04 j 17:53	16°♄33'09	1°46'33
max. Earth dist.	-3011 Jul 28 j 15:26	16°♄04'02	1.39572 AU	minimum elong	-3010 Jul 04 j 16:39	16°♄27'04	1°46'37
evening rise	-3011 Aug 01 j 19:05	23°♄13'29		max. Earth dist.	-3010 Jul 10 j 17:28	27°♄59'25	1.37631 AU
	-3011 Aug 05 j 21:07	0°♄			-3010 Jul 11 j 19:37	0°♄	
desc. node	-3011 Aug 13 j 13:51	12°♄06'13		evening rise	-3010 Jul 14 j 13:48	4°♄58'51	
	-3011 Aug 26 j 02:25	0°♄			-3010 Jul 29 j 20:44	0°♄	
evening max el	-3011 Sep 05 j 23:37	12°♄56'44	23°55'59	desc. node	-3010 Jul 31 j 10:50	2°♄21'40	
retrograde	-3011 Sep 16 j 20:10	19°♄20'39		evening max el	-3010 Aug 19 j 10:29	26°♄27'47	25°13'08
evening set	-3011 Sep 22 j 01:54	17°♄08'03			-3010 Aug 23 j 10:52	0°♄	
inferior conj	-3011 Sep 27 j 09:59	10°♄48'22	-0°28'07	retrograde	-3010 Aug 31 j 07:42	3°♄21'14	
minimum elong	-3011 Sep 27 j 10:39	10°♄46'06	0°27'48	evening set	-3010 Sep 06 j 04:20	0°♄51'14	
min. Earth dist.	-3011 Sep 26 j 21:32	11°♄30'42	0.67384 AU		-3010 Sep 07 j 02:18	30°♄♄	
asc. node	-3011 Sep 28 j 18:45	8°♄58'30		min. Earth dist.	-3010 Sep 10 j 15:15	25°♄49'25	0.66983 AU
morning rise	-3011 Oct 02 j 19:22	4°♄40'10		inferior conj	-3010 Sep 11 j 14:28	24°♄33'21	-1°21'58
direct	-3011 Oct 06 j 18:06	3°♄11'47		minimum elong	-3010 Sep 11 j 16:25	24°♄26'58	1°21'07
morning max el	-3011 Oct 15 j 00:12	8°♄01'55	20°50'00	asc. node	-3010 Sep 15 j 15:51	19°♄47'05	
	-3011 Oct 31 j 12:58	0°♄		morning rise	-3010 Sep 17 j 04:35	18°♄32'43	
desc. node	-3011 Nov 09 j 13:30	13°♄37'13		direct	-3010 Sep 20 j 16:04	17°♄22'37	
morning set	-3011 Nov 13 j 06:20	19°♄20'52		morning max el	-3010 Sep 28 j 02:04	21°♄38'31	19°43'08
	-3011 Nov 20 j 00:07	0°♄			-3010 Oct 04 j 20:40	0°♄	
max. Earth dist.	-3011 Nov 22 j 05:01	3°♄33'23	1.42915 AU	morning set	-3010 Oct 23 j 04:52	27°♄36'07	
					-3010 Oct 24 j 17:56	0°♄	
superior conj	-3011 Nov 28 j 21:19	14°♄35'12	-1°43'43	desc. node	-3010 Oct 27 j 10:27	4°♄11'17	
minimum elong	-3011 Nov 28 j 16:03	14°♄13'04	1°43'26	max. Earth dist.	-3010 Nov 04 j 17:03	17°♄12'38	1.44208 AU
	-3011 Dec 07 j 19:45	0°♄					
evening rise	-3011 Dec 10 j 19:11	5°♄16'14		superior conj	-3010 Nov 08 j 22:02	23°♄56'20	-1°14'28
asc. node	-3011 Dec 25 j 17:51	29°♄42'05		minimum elong	-3010 Nov 08 j 14:42	23°♄26'50	1°13'43
	-3011 Dec 25 j 23:42	0°♄			-3010 Nov 12 j 15:48	0°♄	
evening max el	-3011 Dec 27 j 20:01	2°♄02'47	18°08'00	evening rise	-3010 Nov 22 j 18:05	16°♄47'11	
retrograde	-3010 Jan 03 j 10:53	5°♄30'09			-3010 Nov 30 j 14:27	0°♄	
evening set	-3010 Jan 06 j 04:24	4°♄54'30		evening max el	-3010 Dec 11 j 08:38	15°♄20'55	18°20'06
	-3010 Jan 12 j 11:21	30°♄♄		asc. node	-3010 Dec 12 j 14:54	16°♄32'04	
inferior conj	-3010 Jan 12 j 16:11	29°♄47'51	3°58'33	retrograde	-3010 Dec 17 j 21:44	18°♄54'45	
minimum elong	-3010 Jan 12 j 15:11	29°♄50'23	3°58'24	evening set	-3010 Dec 20 j 19:21	18°♄09'47	
min. Earth dist.	-3010 Jan 15 j 13:40	26°♄54'20	0.61995 AU	inferior conj	-3010 Dec 26 j 21:31	12°♄43'42	3°41'55
morning rise	-3010 Jan 19 j 00:52	23°♄56'58		minimum elong	-3010 Dec 26 j 19:01	12°♄50'42	3°41'25
direct	-3010 Jan 26 j 01:27	21°♄24'53		min. Earth dist.	-3010 Dec 29 j 04:39	10°♄09'36	0.63770 AU
desc. node	-3010 Feb 05 j 12:48	26°♄00'51		morning rise	-3009 Jan 01 j 18:06	6°♄43'10	
morning max el	-3010 Feb 09 j 01:41	29°♄11'00	27°42'51	direct	-3009 Jan 08 j 18:00	3°♄54'01	
	-3010 Feb 09 j 21:14	0°♄		morning max el	-3009 Jan 22 j 09:30	11°♄39'35	27°33'35
	-3010 Mar 03 j 07:36	0°♄		desc. node	-3009 Jan 23 j 09:52	12°♄41'19	
morning set	-3010 Mar 14 j 05:31	20°♄33'47			-3009 Feb 06 j 00:39	0°♄	
	-3010 Mar 18 j 17:50	0°♄			-3009 Feb 23 j 17:01	0°♄	
max. Earth dist.	-3010 Mar 20 j 02:11	2°♄53'40	1.32762 AU	morning set	-3009 Feb 26 j 03:02	4°♄43'26	
				max. Earth dist.	-3009 Mar 03 j 06:25	15°♄13'53	1.33391 AU
superior conj	-3010 Mar 21 j 14:25	6°♄09'45	-0°22'05				
minimum elong	-3010 Mar 21 j 15:25	6°♄15'13	0°21'54	superior conj	-3009 Mar 05 j 21:49	20°♄49'34	-0°47'22
asc. node	-3010 Mar 23 j 17:13	10°♄46'04		minimum elong	-3009 Mar 05 j 23:56	21°♄00'53	0°47'01
evening rise	-3010 Mar 28 j 14:18	21°♄15'51			-3009 Mar 10 j 04:26	0°♄	
	-3010 Apr 01 j 20:46	0°♄		asc. node	-3009 Mar 10 j 14:14	0°♄52'29	
	-3010 Apr 21 j 13:25	0°♄		evening rise	-3009 Mar 13 j 01:47	6°♄08'27	
evening max el	-3010 Apr 22 j 18:19	1°♄11'44	24°25'37		-3009 Mar 25 j 22:46	0°♄	
desc. node	-3010 May 04 j 11:40	8°♄02'01		evening max el	-3009 Apr 04 j 10:37	11°♄53'10	22°51'27
retrograde	-3010 May 06 j 16:34	8°♄13'13		retrograde	-3009 Apr 17 j 16:31	18°♄24'10	
evening set	-3010 May 11 j 05:58	7°♄26'26		evening set	-3009 Apr 20 j 22:35	18°♄01'02	
min. Earth dist.	-3010 May 17 j 06:09	4°♄25'59	0.56810 AU	desc. node	-3009 Apr 21 j 08:46	17°♄54'45	
inferior conj	-3010 May 19 j 23:13	2°♄42'08	-3°41'55	min. Earth dist.	-3009 Apr 28 j 20:21	14°♄32'09	0.55543 AU
minimum elong	-3010 May 19 j 17:40	2°♄51'04	3°40'48	inferior conj	-3009 Apr 30 j 05:47	13°♄43'54	-2°22'15
	-3010 May 24 j 13:55	30°♄♄		minimum elong	-3009 Apr 30 j 00:01	13°♄52'14	2°20'30
morning rise	-3010 May 28 j 08:28	28°♄37'01		morning rise	-3009 May 09 j 03:39	9°♄47'22	
direct	-3010 May 30 j 20:39	28°♄19'50		direct	-3009 May 11 j 17:59	9°♄31'25	
	-3010 Jun 05 j 16:50	0°♄		morning max el	-3009 May 22 j 19:29	14°♄40'52	20°42'07

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3009 Jun 03 j 02:13	0°♄		asc. node	-3008 May 23 j 10:42	26°♄02'46	
asc. node	-3009 Jun 06 j 13:41	6°♄23'12		morning set	-3008 May 25 j 06:59	29°♄50'20	
morning set	-3009 Jun 10 j 21:08	14°♄58'05			-3008 May 25 j 08:50	0°♄	
superior conj	-3009 Jun 18 j 11:39	0°♄39'35	1°37'15	superior conj	-3008 Jun 01 j 13:28	15°♄11'26	1°22'26
minimum elong	-3009 Jun 18 j 09:21	0°♄27'48	1°37'08	minimum elong	-3008 Jun 01 j 10:50	14°♄57'32	1°22'09
	-3009 Jun 18 j 03:54	0°♄		max. Earth dist.	-3008 Jun 04 j 18:04	21°♄49'52	1.34519 AU
max. Earth dist.	-3009 Jun 23 j 01:01	9°♄47'09	1.35907 AU		-3008 Jun 08 j 19:39	0°♄	
evening rise	-3009 Jun 27 j 05:38	17°♄48'13		evening rise	-3008 Jun 09 j 13:09	1°♄25'25	
	-3009 Jul 04 j 01:18	0°♄			-3008 Jun 26 j 00:25	0°♄	
desc. node	-3009 Jul 18 j 07:51	22°♄16'31		desc. node	-3008 Jul 04 j 04:54	11°♄40'51	
	-3009 Jul 24 j 01:57	0°♄		evening max el	-3008 Jul 14 j 09:21	23°♄26'58	27°05'02
evening max el	-3009 Aug 01 j 21:43	10°♄00'54	26°18'46		-3008 Jul 23 j 16:34	0°♄	
retrograde	-3009 Aug 14 j 14:25	17°♄12'41		retrograde	-3008 Jul 27 j 15:45	0°♄47'24	
evening set	-3009 Aug 21 j 01:11	14°♄29'54			-3008 Jul 31 j 09:05	30°♄	
min. Earth dist.	-3009 Aug 25 j 04:07	10°♄05'45	0.66251 AU	evening set	-3008 Aug 03 j 13:58	27°♄59'49	
inferior conj	-3009 Aug 26 j 15:13	8°♄17'23	-2°14'06	min. Earth dist.	-3008 Aug 07 j 09:43	24°♄13'38	0.65146 AU
minimum elong	-3009 Aug 26 j 18:19	8°♄07'48	2°12'54	inferior conj	-3008 Aug 09 j 10:02	21°♄55'56	-3°02'24
morning rise	-3009 Sep 01 j 11:40	2°♄27'34		minimum elong	-3008 Aug 09 j 13:55	21°♄44'52	3°01'10
asc. node	-3009 Sep 02 j 12:54	1°♄56'33		morning rise	-3008 Aug 15 j 14:21	16°♄20'21	
direct	-3009 Sep 04 j 14:15	1°♄32'22		direct	-3008 Aug 18 j 10:21	15°♄36'52	
morning max el	-3009 Sep 11 j 10:30	5°♄22'39	18°51'09	asc. node	-3008 Aug 19 j 09:58	15°♄42'06	
	-3009 Sep 28 j 14:13	0°♄		morning max el	-3008 Aug 24 j 23:31	19°♄10'13	18°15'43
morning set	-3009 Oct 02 j 21:01	6°♄48'01			-3008 Sep 02 j 01:35	0°♄	
desc. node	-3009 Oct 14 j 07:24	24°♄52'18		morning set	-3008 Sep 12 j 16:46	17°♄21'17	
	-3009 Oct 17 j 13:33	0°♄			-3008 Sep 20 j 09:56	0°♄	
max. Earth dist.	-3009 Oct 18 j 10:04	1°♄20'45	1.44841 AU	superior conj	-3008 Sep 27 j 03:21	10°♄47'41	0°19'26
superior conj	-3009 Oct 19 j 01:34	2°♄21'49	-0°30'06	minimum elong	-3008 Sep 27 j 05:46	10°♄57'18	0°19'09
minimum elong	-3009 Oct 18 j 21:39	2°♄06'23	0°29'36	max. Earth dist.	-3008 Sep 30 j 04:45	15°♄38'32	1.44735 AU
evening rise	-3009 Nov 03 j 17:40	27°♄17'49		desc. node	-3008 Sep 30 j 04:24	15°♄37'07	
	-3009 Nov 05 j 09:55	0°♄			-3008 Oct 09 j 08:22	0°♄	
evening max el	-3009 Nov 24 j 20:00	28°♄45'10	18°50'07	evening rise	-3008 Oct 13 j 17:09	6°♄48'31	
	-3009 Nov 26 j 03:16	0°♄		greatest brilliancy	-3008 Oct 25 j 13:29	25°♄07'18	-0.7m
asc. node	-3009 Nov 29 j 11:58	2°♄10'20			-3008 Oct 28 j 19:43	0°♄	
retrograde	-3009 Dec 01 j 14:58	2°♄35'16		evening max el	-3008 Nov 07 j 03:49	12°♄11'58	19°36'37
evening set	-3009 Dec 04 j 18:07	1°♄39'16		retrograde	-3008 Nov 14 j 11:32	16°♄27'07	
	-3009 Dec 06 j 21:37	30°♄		asc. node	-3008 Nov 15 j 09:01	16°♄22'30	
inferior conj	-3009 Dec 10 j 13:00	25°♄56'02	3°11'45	evening set	-3008 Nov 17 j 22:04	15°♄17'59	
minimum elong	-3009 Dec 10 j 09:56	26°♄05'23	3°10'55	inferior conj	-3008 Nov 23 j 11:39	9°♄20'34	2°32'16
min. Earth dist.	-3009 Dec 12 j 05:14	23°♄53'10	0.65209 AU	minimum elong	-3008 Nov 23 j 08:45	9°♄30'02	2°31'16
morning rise	-3009 Dec 16 j 01:27	19°♄48'36		min. Earth dist.	-3008 Nov 24 j 14:14	7°♄53'57	0.66278 AU
direct	-3009 Dec 22 j 17:02	16°♄57'38		morning rise	-3008 Nov 28 j 19:14	3°♄08'23	
morning max el	-3008 Jan 04 j 18:58	24°♄33'35	26°52'04	direct	-3008 Dec 04 j 21:50	0°♄27'31	
	-3008 Jan 09 j 18:02	0°♄		morning max el	-3008 Dec 17 j 04:15	7°♄42'12	25°45'54
desc. node	-3008 Jan 10 j 06:54	0°♄38'22		desc. node	-3008 Dec 27 j 03:55	19°♄29'43	
	-3008 Jan 30 j 10:18	0°♄			-3007 Jan 03 j 15:41	0°♄	
morning set	-3008 Feb 09 j 14:10	18°♄16'48			-3007 Jan 21 j 21:11	0°♄	
max. Earth dist.	-3008 Feb 14 j 00:35	26°♄59'42	1.34458 AU	morning set	-3007 Jan 22 j 10:34	1°♄01'06	
	-3008 Feb 15 j 12:10	0°♄		max. Earth dist.	-3007 Jan 26 j 07:15	8°♄15'04	1.35973 AU
superior conj	-3008 Feb 18 j 00:03	5°♄08'49	-1°11'18	superior conj	-3007 Jan 31 j 18:36	18°♄59'51	-1°32'20
minimum elong	-3008 Feb 18 j 03:02	5°♄24'21	1°10'53	minimum elong	-3007 Jan 31 j 21:55	19°♄16'32	1°32'01
evening rise	-3008 Feb 25 j 11:29	20°♄49'56			-3007 Feb 06 j 04:06	0°♄	
asc. node	-3008 Feb 25 j 11:15	20°♄48'41		evening rise	-3007 Feb 08 j 17:30	5°♄14'12	
	-3008 Mar 01 j 00:41	0°♄		asc. node	-3007 Feb 11 j 08:18	10°♄29'48	
evening max el	-3008 Mar 16 j 08:48	22°♄47'44	21°21'11		-3007 Feb 22 j 22:15	0°♄	
retrograde	-3008 Mar 28 j 06:43	28°♄31'41		evening max el	-3007 Feb 26 j 16:55	4°♄13'52	20°04'30
evening set	-3008 Mar 30 j 17:51	28°♄17'49		retrograde	-3007 Mar 08 j 22:38	9°♄06'17	
desc. node	-3008 Apr 07 j 05:53	25°♄18'33		evening set	-3007 Mar 11 j 04:43	8°♄53'09	
inferior conj	-3008 Apr 09 j 01:23	24°♄17'58	-0°30'27	inferior conj	-3007 Mar 19 j 23:58	4°♄53'07	1°23'55
minimum elong	-3008 Apr 08 j 23:57	24°♄19'58	0°29'57	minimum elong	-3007 Mar 20 j 03:26	4°♄47'51	1°22'44
min. Earth dist.	-3008 Apr 09 j 10:02	24°♄05'48	0.55121 AU	min. Earth dist.	-3007 Mar 22 j 00:04	3°♄40'34	0.55636 AU
morning rise	-3008 Apr 18 j 06:09	20°♄14'10		desc. node	-3007 Mar 25 j 02:57	1°♄56'57	
direct	-3008 Apr 21 j 06:02	19°♄54'33		morning rise	-3007 Mar 29 j 00:12	0°♄24'48	
morning max el	-3008 May 03 j 21:15	25°♄56'44	22°11'17		-3007 Mar 30 j 23:20	30°♄	
	-3008 May 07 j 16:33	0°♄		direct	-3007 Apr 01 j 21:08	29°♄51'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3007 Apr 03 j 18:39	0° $\text{H}$		desc. node	-3006 Mar 12 j 00:03	10° $\approx$ 04'40	
morning max el	-3007 Apr 15 j 14:53	6° $\text{H}$ 40'18	23°50'15	direct	-3006 Mar 14 j 00:21	9° $\approx$ 55'01	
	-3007 May 02 j 06:14	0° $\text{Y}$		morning max el	-3006 Mar 28 j 05:52	17° $\approx$ 14'34	25°26'21
morning set	-3007 May 09 j 18:48	14° $\text{Y}$ 50'21			-3006 Apr 07 j 16:53	0° $\text{H}$	
asc. node	-3007 May 10 j 07:45	15° $\text{Y}$ 58'28		morning set	-3006 Apr 24 j 06:54	29° $\text{H}$ 51'54	
					-3006 Apr 24 j 08:26	0° $\text{Y}$	
superior conj	-3007 May 16 j 20:38	0° $\text{S}$ 00'18	1°03'33	asc. node	-3006 Apr 27 j 04:49	6° $\text{Y}$ 04'47	
minimum elong	-3007 May 16 j 18:14	29° $\text{Y}$ 47'24	1°03'11				
	-3007 May 16 j 20:34	0° $\text{S}$		superior conj	-3006 May 01 j 06:59	14° $\text{Y}$ 58'49	0°41'42
max. Earth dist.	-3007 May 18 j 20:30	4° $\text{S}$ 16'27	1.33500 AU	minimum elong	-3006 May 01 j 05:14	14° $\text{Y}$ 49'21	0°41'23
evening rise	-3007 May 24 j 07:56	15° $\text{S}$ 37'26		max. Earth dist.	-3006 May 02 j 05:54	17° $\text{Y}$ 03'34	1.32840 AU
	-3007 May 31 j 21:12	0° $\text{II}$		evening rise	-3006 May 08 j 10:33	0° $\text{S}$ 13'19	
	-3007 Jun 20 j 18:39	0° $\text{S}$			-3006 May 08 j 07:57	0° $\text{S}$	
desc. node	-3007 Jun 21 j 01:57	0° $\text{S}$ 21'52			-3006 May 24 j 23:05	0° $\text{II}$	
evening max el	-3007 Jun 26 j 19:51	6° $\text{S}$ 34'02	27°24'53	desc. node	-3006 Jun 07 j 23:00	18° $\text{II}$ 01'29	
retrograde	-3007 Jul 10 j 11:25	13° $\text{S}$ 56'52		evening max el	-3006 Jun 09 j 03:02	19° $\text{II}$ 10'22	27°13'27
evening set	-3007 Jul 17 j 15:30	11° $\text{S}$ 16'09		retrograde	-3006 Jun 23 j 00:48	26° $\text{II}$ 32'10	
min. Earth dist.	-3007 Jul 21 j 06:08	8° $\text{S}$ 03'54	0.63660 AU	evening set	-3006 Jun 30 j 01:58	24° $\text{II}$ 12'37	
inferior conj	-3007 Jul 23 j 20:22	5° $\text{S}$ 23'33	-3°43'55	min. Earth dist.	-3006 Jul 03 j 16:41	21° $\text{II}$ 24'06	0.61835 AU
minimum elong	-3007 Jul 24 j 00:18	5° $\text{S}$ 13'24	3°42'58	inferior conj	-3006 Jul 06 j 19:10	18° $\text{II}$ 33'55	-4°14'01
morning rise	-3007 Jul 30 j 09:59	0° $\text{S}$ 05'29		minimum elong	-3006 Jul 06 j 21:57	18° $\text{II}$ 27'31	4°13'35
	-3007 Jul 30 j 15:19	30° $\text{R}$ $\text{II}$		morning rise	-3006 Jul 13 j 19:25	13° $\text{II}$ 35'55	
direct	-3007 Aug 02 j 01:36	29° $\text{II}$ 30'52		direct	-3006 Jul 16 j 08:35	13° $\text{II}$ 07'57	
	-3007 Aug 04 j 11:31	0° $\text{S}$		morning max el	-3006 Jul 23 j 04:57	16° $\text{II}$ 33'58	17°58'04
asc. node	-3007 Aug 06 j 07:03	0° $\text{S}$ 59'00		asc. node	-3006 Jul 24 j 04:08	17° $\text{II}$ 33'51	
morning max el	-3007 Aug 08 j 14:36	2° $\text{S}$ 55'58	17°57'43		-3006 Aug 01 j 16:17	0° $\text{S}$	
morning set	-3007 Aug 25 j 14:09	29° $\text{S}$ 07'37		morning set	-3006 Aug 08 j 07:47	11° $\text{S}$ 52'27	
	-3007 Aug 26 j 02:14	0° $\text{S}$			-3006 Aug 18 j 11:11	0° $\text{S}$	
superior conj	-3007 Sep 07 j 00:18	20° $\text{S}$ 12'16	1°01'45	superior conj	-3006 Aug 19 j 00:49	0° $\text{S}$ 59'06	1°30'25
minimum elong	-3007 Sep 07 j 05:51	20° $\text{S}$ 35'07	1°01'09	minimum elong	-3006 Aug 19 j 05:27	1° $\text{S}$ 19'05	1°30'05
max. Earth dist.	-3007 Sep 12 j 21:14	29° $\text{S}$ 44'24	1.43917 AU	max. Earth dist.	-3006 Aug 26 j 08:42	13° $\text{S}$ 20'47	1.42510 AU
	-3007 Sep 13 j 01:08	0° $\text{R}$		evening rise	-3006 Sep 02 j 07:45	24° $\text{S}$ 32'54	
desc. node	-3007 Sep 17 j 01:23	6° $\text{R}$ 22'05		desc. node	-3006 Sep 03 j 22:22	27° $\text{S}$ 04'23	
evening rise	-3007 Sep 22 j 23:54	15° $\text{R}$ 37'48			-3006 Sep 05 j 19:35	0° $\text{R}$	
	-3007 Oct 02 j 10:13	0° $\text{S}$			-3006 Sep 26 j 11:28	0° $\text{S}$	
evening max el	-3007 Oct 21 j 06:13	25° $\text{S}$ 38'26	20°37'41	evening max el	-3006 Oct 04 j 02:34	9° $\text{S}$ 04'41	21°50'13
	-3007 Oct 27 j 03:16	0° $\text{R}$		retrograde	-3006 Oct 13 j 05:15	14° $\text{S}$ 29'39	
retrograde	-3007 Oct 29 j 08:58	0° $\text{R}$ 26'03		evening set	-3006 Oct 17 j 12:55	12° $\text{S}$ 47'27	
	-3007 Oct 31 j 12:21	30° $\text{R}$ $\text{S}$		asc. node	-3006 Oct 20 j 03:12	10° $\text{S}$ 09'24	
evening set	-3007 Nov 02 j 04:58	29° $\text{S}$ 01'29		inferior conj	-3006 Oct 22 j 21:00	6° $\text{S}$ 32'05	0°55'57
asc. node	-3007 Nov 02 j 06:07	28° $\text{S}$ 59'21		minimum elong	-3006 Oct 22 j 19:44	6° $\text{S}$ 36'28	0°55'25
inferior conj	-3007 Nov 07 j 15:01	22° $\text{S}$ 53'17	1°46'17	min. Earth dist.	-3006 Oct 23 j 00:48	6° $\text{S}$ 18'58	0.67388 AU
minimum elong	-3007 Nov 07 j 12:45	23° $\text{S}$ 00'56	1°45'24	morning rise	-3006 Oct 28 j 02:24	0° $\text{S}$ 17'34	
min. Earth dist.	-3007 Nov 08 j 05:35	22° $\text{S}$ 03'49	0.66994 AU		-3006 Oct 28 j 10:58	30° $\text{R}$ $\text{R}$	
morning rise	-3007 Nov 12 j 20:22	16° $\text{S}$ 38'36		direct	-3006 Nov 01 j 22:50	28° $\text{R}$ 15'29	
direct	-3007 Nov 18 j 07:58	14° $\text{S}$ 15'22			-3006 Nov 06 j 23:06	0° $\text{S}$	
morning max el	-3007 Nov 29 j 12:58	20° $\text{S}$ 56'19	24°24'25	morning max el	-3006 Nov 11 j 22:57	4° $\text{S}$ 13'25	22°57'31
	-3007 Dec 07 j 08:52	0° $\text{R}$		desc. node	-3006 Nov 30 j 21:59	28° $\text{S}$ 55'35	
desc. node	-3007 Dec 14 j 00:58	8° $\text{R}$ 59'03			-3006 Dec 01 j 15:26	0° $\text{R}$	
	-3007 Dec 27 j 21:31	0° $\text{S}$		morning set	-3006 Dec 16 j 07:42	22° $\text{R}$ 58'43	
morning set	-3006 Jan 04 j 10:25	12° $\text{S}$ 40'00			-3006 Dec 20 j 11:53	0° $\text{S}$	
max. Earth dist.	-3006 Jan 08 j 04:50	19° $\text{S}$ 21'15	1.37866 AU	max. Earth dist.	-3006 Dec 21 j 00:22	0° $\text{S}$ 53'29	1.39948 AU
	-3006 Jan 13 j 22:18	0° $\text{S}$					
superior conj	-3006 Jan 15 j 02:00	2° $\text{S}$ 12'43	-1°48'19	superior conj	-3006 Dec 28 j 17:54	14° $\text{S}$ 36'27	-1°56'20
minimum elong	-3006 Jan 15 j 04:42	2° $\text{S}$ 25'42	1°48'14	minimum elong	-3006 Dec 28 j 18:33	14° $\text{S}$ 39'26	1°56'26
evening rise	-3006 Jan 23 j 17:29	19° $\text{S}$ 14'05			-3005 Jan 05 j 22:33	0° $\text{S}$	
asc. node	-3006 Jan 29 j 05:20	29° $\text{S}$ 49'24		evening rise	-3005 Jan 07 j 08:42	2° $\text{S}$ 43'05	
	-3006 Jan 29 j 07:39	0° $\approx$		asc. node	-3005 Jan 16 j 02:23	18° $\text{S}$ 40'36	
evening max el	-3006 Feb 09 j 11:35	16° $\approx$ 16'11	19°06'16	evening max el	-3005 Jan 23 j 15:01	28° $\text{S}$ 50'32	18°27'59
retrograde	-3006 Feb 18 j 03:46	20° $\approx$ 25'24			-3005 Jan 24 j 22:14	0° $\approx$	
evening set	-3006 Feb 20 j 12:08	20° $\approx$ 08'26		retrograde	-3005 Jan 31 j 03:14	2° $\approx$ 31'30	
inferior conj	-3006 Feb 28 j 13:52	15° $\approx$ 55'20	2°51'29	evening set	-3005 Feb 02 j 15:28	2° $\approx$ 08'08	
minimum elong	-3006 Feb 28 j 18:41	15° $\approx$ 47'00	2°50'16		-3005 Feb 06 j 19:52	30° $\text{R}$ $\text{S}$	
min. Earth dist.	-3006 Mar 03 j 15:30	13° $\approx$ 48'43	0.56967 AU	inferior conj	-3005 Feb 10 j 00:14	27° $\text{S}$ 35'20	3°41'54
morning rise	-3006 Mar 08 j 22:26	10° $\approx$ 55'40		minimum elong	-3005 Feb 10 j 03:11	27° $\text{S}$ 29'21	3°41'27
				min. Earth dist.	-3005 Feb 13 j 10:01	24° $\text{S}$ 51'50	0.58830 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-3005 Feb 17 j 12:36	22° $\text{Z}$ 09'59		inferior conj	-3004 Jan 23 j 06:09	9° $\text{Z}$ 51'14	3°59'44
direct	-3005 Feb 23 j 17:03	20° $\text{Z}$ 31'03		minimum elong	-3004 Jan 23 j 06:26	9° $\text{Z}$ 50'34	3°59'37
desc. node	-3005 Feb 26 j 21:10	20° $\text{Z}$ 56'26		min. Earth dist.	-3004 Jan 26 j 10:23	6° $\text{Z}$ 54'56	0.60866 AU
morning max el	-3005 Mar 09 j 23:44	28° $\text{Z}$ 06'35	26°44'16	morning rise	-3004 Jan 29 j 23:49	4° $\text{Z}$ 08'14	
	-3005 Mar 11 j 20:17	0° $\approx$		direct	-3004 Feb 05 j 20:30	1° $\text{Z}$ 52'40	
	-3005 Apr 01 j 05:31	0° $\text{H}$		desc. node	-3004 Feb 13 j 18:15	4° $\text{Z}$ 31'18	
morning set	-3005 Apr 08 j 17:32	14° $\text{H}$ 48'20		morning max el	-3004 Feb 19 j 23:38	9° $\text{Z}$ 35'30	27°31'49
asc. node	-3005 Apr 14 j 01:50	26° $\text{H}$ 16'34			-3004 Mar 06 j 18:31	0° $\approx$	
				morning set	-3004 Mar 23 j 00:54	29° $\approx$ 33'24	
superior conj	-3005 Apr 15 j 18:39	29° $\text{H}$ 59'58	0°17'48		-3004 Mar 23 j 06:03	0° $\text{H}$	
minimum elong	-3005 Apr 15 j 17:52	29° $\text{H}$ 55'40	0°17'37	max. Earth dist.	-3004 Mar 29 j 07:31	12° $\text{H}$ 55'12	1.32579 AU
	-3005 Apr 15 j 18:39	0° $\text{Y}$					
max. Earth dist.	-3005 Apr 15 j 18:45	0° $\text{Y}$ 00'31	1.32534 AU	superior conj	-3004 Mar 30 j 06:01	14° $\text{H}$ 57'58	-0°07'22
evening rise	-3005 Apr 22 j 18:15	15° $\text{Y}$ 03'32		minimum elong	-3004 Mar 30 j 06:21	14° $\text{H}$ 59'48	0°07'19
	-3005 Apr 30 j 08:05	0° $\text{Z}$		behind sun begin	-3004 Mar 30 j 01:51	14° $\text{H}$ 35'12	
	-3005 May 21 j 01:53	0° $\text{II}$		behind sun end	-3004 Mar 30 j 10:52	15° $\text{H}$ 24'24	
evening max el	-3005 May 22 j 04:43	1° $\text{II}$ 05'58	26°29'14	asc. node	-3004 Mar 30 j 22:50	16° $\text{H}$ 29'52	
desc. node	-3005 May 25 j 20:04	4° $\text{II}$ 13'15		evening rise	-3004 Apr 06 j 04:55	0° $\text{Y}$ 00'36	
retrograde	-3005 Jun 05 j 06:15	8° $\text{II}$ 24'00			-3004 Apr 06 j 04:48	0° $\text{Y}$	
evening set	-3005 Jun 11 j 16:56	6° $\text{II}$ 38'35			-3004 Apr 22 j 20:19	0° $\text{Z}$	
min. Earth dist.	-3005 Jun 15 j 18:01	3° $\text{II}$ 58'07	0.59807 AU	evening max el	-3004 May 03 j 00:08	12° $\text{Z}$ 19'52	25°16'24
inferior conj	-3005 Jun 19 j 02:47	1° $\text{II}$ 17'16	-4°25'37	desc. node	-3004 May 11 j 17:08	18° $\text{Z}$ 23'09	
minimum elong	-3005 Jun 19 j 02:51	1° $\text{II}$ 17'08	4°25'32	retrograde	-3004 May 17 j 01:24	19° $\text{Z}$ 29'33	
	-3005 Jun 20 j 18:08	30° $\text{R}$ 8		evening set	-3004 May 22 j 09:47	18° $\text{Z}$ 22'58	
morning rise	-3005 Jun 26 j 14:56	26° $\text{Z}$ 40'53		min. Earth dist.	-3004 May 27 j 12:17	15° $\text{Z}$ 34'00	0.57820 AU
direct	-3005 Jun 29 j 03:14	26° $\text{Z}$ 17'52		inferior conj	-3004 May 30 j 15:43	13° $\text{Z}$ 24'07	-4°08'47
morning max el	-3005 Jul 06 j 15:35	29° $\text{Z}$ 55'22	18°17'47	minimum elong	-3004 May 30 j 11:59	13° $\text{Z}$ 30'36	4°08'16
	-3005 Jul 06 j 17:31	0° $\text{II}$		morning rise	-3004 Jun 07 j 17:00	9° $\text{Z}$ 08'44	
asc. node	-3005 Jul 11 j 01:13	5° $\text{II}$ 10'14		direct	-3004 Jun 10 j 05:18	8° $\text{Z}$ 49'34	
morning set	-3005 Jul 22 j 16:20	25° $\text{II}$ 21'30		morning max el	-3004 Jun 18 j 19:33	12° $\text{Z}$ 51'13	18°57'49
	-3005 Jul 25 j 03:03	0° $\text{E}$		asc. node	-3004 Jun 26 j 22:16	23° $\text{Z}$ 34'23	
					-3004 Jun 30 j 14:01	0° $\text{II}$	
superior conj	-3005 Aug 01 j 02:31	13° $\text{E}$ 00'57	1°45'16	morning set	-3004 Jul 05 j 11:37	9° $\text{II}$ 23'56	
minimum elong	-3005 Aug 01 j 04:37	13° $\text{E}$ 10'32	1°45'16				
max. Earth dist.	-3005 Aug 08 j 14:32	26° $\text{E}$ 16'15	1.40704 AU	superior conj	-3004 Jul 13 j 23:49	26° $\text{II}$ 02'43	1°48'42
	-3005 Aug 10 j 19:20	0° $\text{O}$		minimum elong	-3004 Jul 13 j 23:35	26° $\text{II}$ 01'35	1°48'48
evening rise	-3005 Aug 13 j 10:25	4° $\text{O}$ 21'51			-3004 Jul 16 j 01:50	0° $\text{E}$	
desc. node	-3005 Aug 21 j 19:21	17° $\text{O}$ 39'56		max. Earth dist.	-3004 Jul 20 j 17:01	8° $\text{E}$ 31'28	1.38739 AU
	-3005 Aug 30 j 02:03	0° $\text{P}$		evening rise	-3004 Jul 24 j 14:54	15° $\text{E}$ 25'11	
evening max el	-3005 Sep 16 j 17:36	22° $\text{P}$ 31'50	23°09'39		-3004 Aug 02 j 10:35	0° $\text{O}$	
retrograde	-3005 Sep 26 j 22:49	28° $\text{P}$ 34'47		desc. node	-3004 Aug 07 j 16:20	8° $\text{O}$ 04'25	
evening set	-3005 Oct 01 j 20:06	26° $\text{P}$ 33'30			-3004 Aug 23 j 17:57	0° $\text{P}$	
inferior conj	-3005 Oct 07 j 03:46	20° $\text{P}$ 14'33	0°02'59	evening max el	-3004 Aug 29 j 05:23	6° $\text{P}$ 01'46	24°29'41
minimum elong	-3005 Oct 07 j 03:41	20° $\text{P}$ 14'48	0°02'58	retrograde	-3004 Sep 09 j 12:39	12° $\text{P}$ 38'34	
transit middle	-3005 Oct 07 j 03:41	20° $\text{P}$ 14'48	0°02'58	evening set	-3004 Sep 15 j 00:47	10° $\text{P}$ 18'17	
transit begin	-3005 Oct 07 j 01:02	20° $\text{P}$ 23'57		min. Earth dist.	-3004 Sep 19 j 16:40	4° $\text{P}$ 55'51	0.67261 AU
transit end	-3005 Oct 07 j 06:21	20° $\text{P}$ 05'40		inferior conj	-3004 Sep 20 j 09:34	3° $\text{P}$ 59'12	-0°51'01
min. Earth dist.	-3005 Oct 06 j 21:19	20° $\text{P}$ 36'41	0.67477 AU	minimum elong	-3004 Sep 20 j 10:47	3° $\text{P}$ 55'08	0°50'28
asc. node	-3005 Oct 07 j 00:18	20° $\text{P}$ 26'29		asc. node	-3004 Sep 22 j 21:23	0° $\text{P}$ 47'06	
morning rise	-3005 Oct 12 j 11:10	14° $\text{P}$ 03'08			-3004 Sep 23 j 13:52	30° $\text{R}$ 8	
direct	-3005 Oct 16 j 17:25	12° $\text{P}$ 22'43		morning rise	-3004 Sep 25 j 20:46	27° $\text{O}$ 53'55	
morning max el	-3005 Oct 25 j 13:29	17° $\text{P}$ 35'53	21°33'55	direct	-3004 Sep 29 j 14:33	26° $\text{O}$ 33'33	
	-3005 Nov 04 j 14:46	0° $\text{U}$			-3004 Oct 06 j 07:18	0° $\text{P}$	
desc. node	-3005 Nov 17 j 18:59	19° $\text{U}$ 11'10		morning max el	-3004 Oct 07 j 11:07	1° $\text{P}$ 07'31	20°19'50
	-3005 Nov 24 j 19:01	0° $\text{M}$			-3004 Oct 28 j 08:46	0° $\text{U}$	
morning set	-3005 Nov 26 j 00:22	1° $\text{M}$ 55'50		morning set	-3004 Nov 03 j 23:04	10° $\text{U}$ 07'29	
max. Earth dist.	-3005 Dec 03 j 01:21	13° $\text{M}$ 18'33	1.41934 AU	desc. node	-3004 Nov 03 j 15:57	9° $\text{U}$ 39'56	
				max. Earth dist.	-3004 Nov 14 j 10:21	26° $\text{U}$ 37'16	1.43544 AU
					-3004 Nov 16 j 12:38	0° $\text{M}$	
superior conj	-3005 Dec 10 j 12:47	25° $\text{M}$ 57'22	-1°52'42				
minimum elong	-3005 Dec 10 j 09:50	25° $\text{M}$ 44'36	1°52'39	superior conj	-3004 Nov 20 j 05:22	6° $\text{M}$ 02'33	-1°33'27
	-3005 Dec 12 j 20:20	0° $\text{X}$		minimum elong	-3004 Nov 19 j 22:43	5° $\text{M}$ 35'11	1°32'56
evening rise	-3005 Dec 21 j 11:39	15° $\text{X}$ 33'32		evening rise	-3004 Dec 02 j 22:09	27° $\text{M}$ 36'27	
	-3005 Dec 29 j 13:36	0° $\text{Z}$			-3004 Dec 04 j 07:09	0° $\text{X}$	
asc. node	-3004 Jan 02 j 23:25	6° $\text{Z}$ 54'31		asc. node	-3004 Dec 19 j 20:28	24° $\text{X}$ 19'08	
evening max el	-3004 Jan 07 j 00:20	11° $\text{Z}$ 48'35	18°09'42	evening max el	-3004 Dec 20 j 12:31	25° $\text{X}$ 01'12	18°10'52
retrograde	-3004 Jan 13 j 19:54	15° $\text{Z}$ 16'52		retrograde	-3004 Dec 27 j 01:30	28° $\text{X}$ 29'57	
evening set	-3004 Jan 16 j 11:36	14° $\text{Z}$ 45'48					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-3004 Dec 29 j 20:43	27°♊50'20		minimum elong	-3003 Dec 19 j 11:20	5°♊47'30	3°29'50
inferior conj	-3003 Jan 05 j 04:04	22°♊34'54	3°53'29	min. Earth dist.	-3003 Dec 21 j 14:48	3°♊17'30	0.64425 AU
minimum elong	-3003 Jan 05 j 02:18	22°♊39'33	3°53'12		-3003 Dec 24 j 19:21	30°♋	
min. Earth dist.	-3003 Jan 07 j 19:32	19°♊48'05	0.62787 AU	morning rise	-3003 Dec 25 j 06:50	29°♋35'13	
morning rise	-3003 Jan 11 j 07:05	16°♊39'36		direct	-3002 Jan 01 j 03:45	26°♋43'48	
direct	-3003 Jan 18 j 08:27	13°♊58'45			-3002 Jan 09 j 10:59	0°♋	
desc. node	-3003 Jan 30 j 15:19	20°♋14'28		morning max el	-3002 Jan 14 j 14:28	4°♋26'51	27°19'30
morning max el	-3003 Feb 01 j 05:21	21°♋44'41	27°43'17	desc. node	-3002 Jan 17 j 12:22	7°♋31'09	
	-3003 Feb 08 j 11:52	0°♌			-3002 Feb 03 j 00:37	0°♌	
	-3003 Feb 27 j 20:00	0°♍		morning set	-3002 Feb 18 j 20:20	27°♌54'13	
morning set	-3003 Mar 07 j 02:46	13°♍58'22			-3002 Feb 19 j 21:53	0°♍	
max. Earth dist.	-3003 Mar 12 j 16:09	25°♍32'23	1.32987 AU	max. Earth dist.	-3002 Feb 23 j 16:39	7°♍39'21	1.33795 AU
superior conj	-3003 Mar 14 j 15:21	29°♍45'52	-0°32'53	superior conj	-3002 Feb 26 j 20:48	14°♍17'33	-0°57'46
minimum elong	-3003 Mar 14 j 16:51	29°♍53'56	0°32'37	minimum elong	-3002 Feb 26 j 23:20	14°♍30'56	0°57'23
	-3003 Mar 14 j 17:58	0°♎		asc. node	-3002 Mar 04 j 16:51	26°♍42'24	
asc. node	-3003 Mar 17 j 19:50	6°♎39'51		evening rise	-3002 Mar 06 j 03:33	29°♍45'03	
evening rise	-3003 Mar 21 j 16:36	14°♎56'30			-3002 Mar 06 j 06:25	0°♎	
	-3003 Mar 29 j 06:58	0°♏			-3002 Mar 23 j 21:01	0°♏	
evening max el	-3003 Apr 14 j 15:40	23°♏04'30	23°45'46	evening max el	-3002 Mar 27 j 09:31	3°♏47'27	22°11'43
retrograde	-3003 Apr 28 j 08:22	29°♏55'08		retrograde	-3002 Apr 09 j 03:44	10°♏00'43	
desc. node	-3003 Apr 28 j 14:14	29°♏55'00		evening set	-3002 Apr 11 j 23:44	9°♏42'57	
evening set	-3003 May 02 j 07:57	29°♏20'06		desc. node	-3002 Apr 15 j 11:20	8°♏37'01	
min. Earth dist.	-3003 May 09 j 02:47	26°♏09'11	0.56188 AU	min. Earth dist.	-3002 Apr 20 j 16:34	5°♏57'35	0.55249 AU
inferior conj	-3003 May 11 j 08:27	24°♏47'51	-3°13'09	inferior conj	-3002 Apr 21 j 08:51	5°♏34'34	-1°37'16
minimum elong	-3003 May 11 j 02:13	24°♏57'21	3°11'35	minimum elong	-3002 Apr 21 j 04:30	5°♏40'44	1°35'48
morning rise	-3003 May 19 j 23:25	20°♏48'18		morning rise	-3002 Apr 30 j 10:47	1°♏37'27	
direct	-3003 May 22 j 12:15	20°♏31'55		direct	-3002 May 03 j 03:39	1°♏20'56	
morning max el	-3003 Jun 01 j 14:18	25°♏12'19	19°58'31	morning max el	-3002 May 14 j 22:21	6°♏52'41	21°18'23
	-3003 Jun 05 j 21:20	0°♐			-3002 May 30 j 15:17	0°♐	
asc. node	-3003 Jun 13 j 19:18	12°♐34'39		asc. node	-3002 May 31 j 16:19	2°♐02'04	
morning set	-3003 Jun 19 j 14:26	23°♐51'10		morning set	-3002 Jun 03 j 22:16	8°♐35'58	
	-3003 Jun 22 j 14:59	0°♑		superior conj	-3002 Jun 11 j 08:54	24°♐07'31	1°31'33
superior conj	-3003 Jun 27 j 11:22	9°♑49'09	1°43'23	minimum elong	-3002 Jun 11 j 06:22	23°♐54'25	1°31'21
minimum elong	-3003 Jun 27 j 09:34	9°♑40'12	1°43'23		-3002 Jun 14 j 05:46	0°♑	
max. Earth dist.	-3003 Jul 02 j 20:55	20°♑21'07	1.36860 AU	max. Earth dist.	-3002 Jun 15 j 07:53	2°♑11'16	1.35263 AU
evening rise	-3003 Jul 06 j 19:11	27°♑39'02		evening rise	-3002 Jun 19 j 18:13	10°♑50'01	
	-3003 Jul 08 j 02:27	0°♒			-3002 Jun 30 j 13:49	0°♒	
desc. node	-3003 Jul 25 j 13:20	28°♒12'19		desc. node	-3002 Jul 12 j 10:23	17°♒55'36	
	-3003 Jul 26 j 19:19	0°♓			-3002 Jul 22 j 03:47	0°♓	
evening max el	-3003 Aug 11 j 16:11	19°♓34'14	25°42'54	evening max el	-3002 Jul 25 j 03:24	3°♓04'35	26°41'19
retrograde	-3003 Aug 23 j 22:08	26°♓36'42		retrograde	-3002 Aug 07 j 02:47	10°♓22'02	
evening set	-3003 Aug 30 j 01:09	24°♓00'13		evening set	-3002 Aug 13 j 18:55	7°♓35'42	
min. Earth dist.	-3003 Sep 03 j 08:30	19°♓14'34	0.66716 AU	min. Earth dist.	-3002 Aug 17 j 18:30	3°♓28'04	0.65818 AU
inferior conj	-3003 Sep 04 j 12:42	17°♓44'21	-1°44'24	inferior conj	-3002 Aug 19 j 11:11	1°♓26'18	-2°35'16
minimum elong	-3003 Sep 04 j 15:10	17°♓36'27	1°43'22	minimum elong	-3002 Aug 19 j 14:41	1°♓15'51	2°34'00
asc. node	-3003 Sep 09 j 18:27	12°♓06'41			-3002 Aug 20 j 16:25	30°♓	
morning rise	-3003 Sep 10 j 05:21	11°♓48'13		morning rise	-3002 Aug 25 j 10:49	25°♓42'22	
direct	-3003 Sep 13 j 12:46	10°♓44'56		asc. node	-3002 Aug 27 j 15:32	24°♓56'07	
morning max el	-3003 Sep 20 j 16:05	14°♓48'37	19°19'11	direct	-3002 Aug 28 j 10:13	24°♓52'43	
	-3003 Oct 02 j 00:48	0°♔		morning max el	-3002 Sep 04 j 02:49	28°♓35'01	18°34'04
morning set	-3003 Oct 14 j 03:01	18°♔42'12			-3002 Sep 05 j 10:15	0°♔	
	-3003 Oct 21 j 08:19	0°♕		morning set	-3002 Sep 24 j 06:30	28°♔27'49	
desc. node	-3003 Oct 21 j 12:54	0°♕17'56			-3002 Sep 25 j 05:22	0°♔	
max. Earth dist.	-3003 Oct 28 j 01:19	10°♕33'15	1.44564 AU	desc. node	-3002 Oct 08 j 09:52	21°♔01'07	
superior conj	-3003 Oct 30 j 19:33	14°♕55'46	-0°57'05	superior conj	-3002 Oct 09 j 19:28	23°♔13'34	-0°08'58
minimum elong	-3003 Oct 30 j 12:57	14°♕29'31	0°56'20	minimum elong	-3002 Oct 09 j 18:17	23°♔08'55	0°08'47
	-3003 Nov 09 j 04:13	0°♖		behind sun begin	-3002 Oct 09 j 08:37	22°♔30'46	
evening rise	-3003 Nov 14 j 11:41	8°♖43'43		behind sun end	-3002 Oct 10 j 03:58	23°♔47'03	
	-3003 Nov 27 j 14:23	0°♗		max. Earth dist.	-3002 Oct 10 j 19:03	24°♔46'25	1.44879 AU
evening max el	-3003 Dec 04 j 00:52	8°♗22'37	18°30'39		-3002 Oct 14 j 02:45	0°♗	
asc. node	-3003 Dec 06 j 17:31	10°♗40'56		evening rise	-3002 Oct 26 j 00:46	18°♗48'02	
retrograde	-3003 Dec 10 j 15:41	12°♗02'36			-3002 Nov 02 j 02:26	0°♗	
evening set	-3003 Dec 13 j 15:23	11°♗13'12		greatest brilliancy	-3002 Nov 03 j 19:44	2°♗42'28	-0.8m
inferior conj	-3003 Dec 19 j 14:10	5°♗39'14	3°30'29	evening max el	-3002 Nov 17 j 10:57	21°♗48'16	19°07'57

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-3002 Nov 23 j 14:36	25° $\mathbb{M}$ 44'23		asc. node	-3001 Nov 10 j 11:41	9° $\mathbb{M}$ 16'34	
retrograde	-3002 Nov 24 j 10:43	25° $\mathbb{M}$ 48'21		evening set	-3001 Nov 11 j 22:07	8° $\mathbb{M}$ 28'17	
evening set	-3002 Nov 27 j 16:39	24° $\mathbb{M}$ 47'14		inferior conj	-3001 Nov 17 j 10:01	2° $\mathbb{M}$ 26'08	2°13'25
inferior conj	-3002 Dec 03 j 09:05	18° $\mathbb{M}$ 57'40	2°55'57	minimum elong	-3001 Nov 17 j 07:20	2° $\mathbb{M}$ 35'02	2°12'26
minimum elong	-3002 Dec 03 j 06:01	19° $\mathbb{M}$ 07'20	2°55'01	min. Earth dist.	-3001 Nov 18 j 07:24	1° $\mathbb{M}$ 15'05	0.66628 AU
min. Earth dist.	-3002 Dec 04 j 19:23	17° $\mathbb{M}$ 09'35	0.65707 AU		-3001 Nov 19 j 06:26	30° $\mathbb{R}$ $\mathbb{A}$	
morning rise	-3002 Dec 08 j 19:04	12° $\mathbb{M}$ 47'40		morning rise	-3001 Nov 22 j 16:21	26° $\mathbb{A}$ 12'38	
direct	-3002 Dec 15 j 05:30	9° $\mathbb{M}$ 59'34		direct	-3001 Nov 28 j 12:50	23° $\mathbb{A}$ 38'15	
morning max el	-3002 Dec 28 j 00:08	17° $\mathbb{M}$ 28'56	26°26'19		-3001 Dec 09 j 16:42	0° $\mathbb{M}$	
desc. node	-3001 Jan 04 j 09:24	25° $\mathbb{M}$ 53'46		morning max el	-3001 Dec 10 j 08:52	0° $\mathbb{M}$ 40'01	25°12'25
	-3001 Jan 07 j 13:11	0° $\mathbb{A}$		desc. node	-3001 Dec 22 j 06:26	15° $\mathbb{M}$ 03'04	
	-3001 Jan 26 j 22:23	0° $\mathbb{B}$			-3000 Jan 01 j 12:38	0° $\mathbb{A}$	
morning set	-3001 Feb 02 j 01:53	11° $\mathbb{B}$ 09'08		morning set	-3000 Jan 15 j 14:20	23° $\mathbb{A}$ 28'01	
max. Earth dist.	-3001 Feb 06 j 05:45	19° $\mathbb{B}$ 10'11	1.35045 AU		-3000 Jan 19 j 04:02	0° $\mathbb{B}$	
				max. Earth dist.	-3000 Jan 19 j 07:32	0° $\mathbb{B}$ 16'20	1.36738 AU
superior conj	-3001 Feb 10 j 20:09	28° $\mathbb{B}$ 26'11	-1°20'41	superior conj	-3000 Jan 25 j 10:30	12° $\mathbb{B}$ 02'55	-1°39'53
minimum elong	-3001 Feb 10 j 23:22	28° $\mathbb{B}$ 42'41	1°20'19	minimum elong	-3000 Jan 25 j 13:41	12° $\mathbb{B}$ 18'43	1°39'40
	-3001 Feb 11 j 14:23	0° $\mathbb{A}$		evening rise	-3000 Feb 02 j 15:43	28° $\mathbb{B}$ 35'05	
evening rise	-3001 Feb 18 j 11:57	14° $\mathbb{A}$ 20'05			-3000 Feb 03 j 08:38	0° $\mathbb{A}$	
asc. node	-3001 Feb 19 j 13:53	16° $\mathbb{A}$ 33'02		asc. node	-3000 Feb 06 j 10:56	6° $\mathbb{A}$ 06'00	
	-3001 Feb 26 j 14:29	0° $\mathbb{H}$		evening max el	-3000 Feb 20 j 00:39	26° $\mathbb{A}$ 37'43	19°37'23
evening max el	-3001 Mar 09 j 11:45	14° $\mathbb{H}$ 55'02	20°46'34		-3000 Feb 24 j 16:57	0° $\mathbb{H}$	
retrograde	-3001 Mar 20 j 17:15	20° $\mathbb{H}$ 16'46		retrograde	-3000 Feb 29 j 13:13	1° $\mathbb{H}$ 09'33	
evening set	-3001 Mar 23 j 00:32	20° $\mathbb{H}$ 04'07		evening set	-3000 Mar 02 j 19:59	0° $\mathbb{H}$ 55'08	
inferior conj	-3001 Apr 01 j 04:04	16° $\mathbb{H}$ 06'30	0°19'48		-3000 Mar 05 j 16:46	30° $\mathbb{R}$ $\mathbb{A}$	
minimum elong	-3001 Apr 01 j 04:58	16° $\mathbb{H}$ 05'12	0°19'27	inferior conj	-3000 Mar 11 j 08:02	26° $\mathbb{A}$ 51'04	2°05'24
desc. node	-3001 Apr 02 j 08:26	15° $\mathbb{H}$ 25'45		minimum elong	-3000 Mar 11 j 12:36	26° $\mathbb{A}$ 43'49	2°04'00
min. Earth dist.	-3001 Apr 02 j 06:47	15° $\mathbb{H}$ 28'07	0.55222 AU	min. Earth dist.	-3000 Mar 13 j 21:18	25° $\mathbb{A}$ 14'03	0.56118 AU
morning rise	-3001 Apr 10 j 08:23	11° $\mathbb{H}$ 53'31		desc. node	-3000 Mar 19 j 05:32	22° $\mathbb{A}$ 28'07	
direct	-3001 Apr 13 j 15:40	11° $\mathbb{H}$ 29'45		morning rise	-3000 Mar 20 j 02:41	22° $\mathbb{A}$ 09'34	
morning max el	-3001 Apr 26 j 20:18	17° $\mathbb{H}$ 54'01	22°52'49	direct	-3000 Mar 24 j 11:52	21° $\mathbb{A}$ 26'23	
	-3001 May 06 j 14:23	0° $\mathbb{Y}$		morning max el	-3000 Apr 07 j 11:51	28° $\mathbb{A}$ 29'59	24°32'18
asc. node	-3001 May 18 j 13:21	21° $\mathbb{Y}$ 49'44			-3000 Apr 08 j 23:55	0° $\mathbb{H}$	
morning set	-3001 May 19 j 09:11	23° $\mathbb{Y}$ 32'46			-3000 Apr 28 j 16:23	0° $\mathbb{Y}$	
	-3001 May 22 j 10:24	0° $\mathbb{B}$		morning set	-3000 May 02 j 21:20	8° $\mathbb{Y}$ 34'24	
superior conj	-3001 May 26 j 13:20	8° $\mathbb{B}$ 48'24	1°14'52	asc. node	-3000 May 04 j 10:24	11° $\mathbb{Y}$ 50'44	
minimum elong	-3001 May 26 j 10:44	8° $\mathbb{B}$ 34'35	1°14'31	superior conj	-3000 May 09 j 22:06	23° $\mathbb{Y}$ 42'25	0°54'36
max. Earth dist.	-3001 May 29 j 04:58	14° $\mathbb{B}$ 23'46	1.34036 AU	minimum elong	-3000 May 09 j 19:56	23° $\mathbb{Y}$ 30'43	0°54'14
evening rise	-3001 Jun 03 j 07:05	24° $\mathbb{B}$ 44'31		max. Earth dist.	-3000 May 11 j 10:52	27° $\mathbb{Y}$ 00'51	1.33181 AU
	-3001 Jun 06 j 00:14	0° $\mathbb{I}$			-3000 May 12 j 20:20	0° $\mathbb{B}$	
	-3001 Jun 24 j 01:36	0° $\mathbb{E}$		evening rise	-3000 May 17 j 05:37	9° $\mathbb{B}$ 08'30	
desc. node	-3001 Jun 29 j 07:27	7° $\mathbb{E}$ 03'58			-3000 May 28 j 09:30	0° $\mathbb{I}$	
evening max el	-3001 Jul 07 j 14:51	16° $\mathbb{E}$ 24'47	27°17'09	desc. node	-3000 Jun 15 j 04:30	25° $\mathbb{I}$ 21'44	
retrograde	-3001 Jul 21 j 02:01	23° $\mathbb{E}$ 47'22		evening max el	-3000 Jun 19 j 00:29	29° $\mathbb{I}$ 21'09	27°24'05
evening set	-3001 Jul 28 j 03:22	21° $\mathbb{E}$ 01'13			-3000 Jun 19 j 17:01	0° $\mathbb{E}$	
min. Earth dist.	-3001 Jul 31 j 20:35	17° $\mathbb{E}$ 30'01	0.64553 AU	retrograde	-3000 Jul 02 j 18:57	6° $\mathbb{E}$ 43'06	
inferior conj	-3001 Aug 03 j 02:46	15° $\mathbb{E}$ 01'32	-3°21'08	evening set	-3000 Jul 09 j 22:58	4° $\mathbb{E}$ 10'01	
minimum elong	-3001 Aug 03 j 06:47	14° $\mathbb{E}$ 50'31	3°19'58	min. Earth dist.	-3000 Jul 13 j 12:57	1° $\mathbb{E}$ 09'10	0.62922 AU
morning rise	-3001 Aug 09 j 10:51	9° $\mathbb{E}$ 32'50			-3000 Jul 14 j 17:29	30° $\mathbb{R}$ $\mathbb{I}$	
direct	-3001 Aug 12 j 04:37	8° $\mathbb{E}$ 53'32		inferior conj	-3000 Jul 16 j 08:37	28° $\mathbb{I}$ 23'03	-3°58'27
asc. node	-3001 Aug 14 j 12:37	9° $\mathbb{E}$ 22'00		minimum elong	-3000 Jul 16 j 12:14	28° $\mathbb{I}$ 14'08	3°57'43
morning max el	-3001 Aug 18 j 17:01	12° $\mathbb{E}$ 22'44	18°05'49	morning rise	-3000 Jul 23 j 02:34	23° $\mathbb{I}$ 12'53	
	-3001 Aug 30 j 21:24	0° $\mathbb{O}$		direct	-3000 Jul 25 j 16:58	22° $\mathbb{I}$ 41'15	
morning set	-3001 Sep 05 j 13:43	9° $\mathbb{O}$ 33'53		asc. node	-3000 Jul 31 j 09:42	25° $\mathbb{I}$ 13'47	
	-3001 Sep 17 j 21:55	0° $\mathbb{P}$		morning max el	-3000 Aug 01 j 08:03	26° $\mathbb{I}$ 05'35	17°55'30
superior conj	-3001 Sep 19 j 03:26	1° $\mathbb{P}$ 59'05	0°38'49		-3000 Aug 04 j 15:56	0° $\mathbb{E}$	
minimum elong	-3001 Sep 19 j 07:46	2° $\mathbb{P}$ 16'31	0°38'18	morning set	-3000 Aug 17 j 20:26	21° $\mathbb{E}$ 47'14	
max. Earth dist.	-3001 Sep 23 j 12:42	8° $\mathbb{P}$ 59'41	1.44468 AU		-3000 Aug 22 j 12:23	0° $\mathbb{O}$	
desc. node	-3001 Sep 25 j 06:52	11° $\mathbb{P}$ 46'35		superior conj	-3000 Aug 29 j 11:48	11° $\mathbb{O}$ 57'30	1°15'42
evening rise	-3001 Oct 05 j 15:28	27° $\mathbb{P}$ 56'40		minimum elong	-3000 Aug 29 j 17:19	12° $\mathbb{O}$ 20'41	1°15'11
	-3001 Oct 06 j 23:23	0° $\mathbb{A}$		max. Earth dist.	-3000 Sep 05 j 03:32	22° $\mathbb{O}$ 55'53	1.43386 AU
greatest brilliancy	-3001 Oct 19 j 05:22	18° $\mathbb{A}$ 39'35	-0.6m		-3000 Sep 09 j 13:35	0° $\mathbb{P}$	
	-3001 Oct 27 j 05:50	0° $\mathbb{M}$		desc. node	-3000 Sep 11 j 03:53	2° $\mathbb{P}$ 30'59	
evening max el	-3001 Oct 31 j 16:42	5° $\mathbb{M}$ 15'34	20°01'02	evening rise	-3000 Sep 13 j 20:11	6° $\mathbb{P}$ 42'05	
retrograde	-3001 Nov 08 j 07:51	9° $\mathbb{M}$ 43'34					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-3000 Sep 29 j 07:50	0°♄		retrograde	-2999 Oct 06 j 00:07	7°♄49'40	
evening max el	-3000 Oct 13 j 16:39	18°♄42'31	21°07'27	evening set	-2999 Oct 10 j 13:29	5°♄59'10	
retrograde	-3000 Oct 22 j 04:52	23°♄45'04		asc. node	-2999 Oct 14 j 05:50	1°♄55'44	
evening set	-3000 Oct 26 j 05:41	22°♄13'08		inferior conj	-2999 Oct 15 j 21:11	29°♄41'45	0°33'42
asc. node	-3000 Oct 27 j 08:45	21°♄14'23		minimum elong	-2999 Oct 15 j 20:24	29°♄44'27	0°33'22
inferior conj	-3000 Oct 31 j 14:42	16°♄01'40	1°25'23		-2999 Oct 15 j 15:54	30°♄44'27	
minimum elong	-3000 Oct 31 j 12:50	16°♄08'04	1°24'37	min. Earth dist.	-2999 Oct 15 j 20:31	29°♄44'05	0.67459 AU
min. Earth dist.	-3000 Nov 01 j 00:34	15°♄27'51	0.67202 AU	morning rise	-2999 Oct 21 j 03:13	23°♄28'27	
morning rise	-3000 Nov 05 j 19:50	9°♄46'59		direct	-2999 Oct 25 j 17:24	21°♄35'54	
direct	-3000 Nov 11 j 01:01	7°♄32'30		morning max el	-2999 Nov 04 j 05:17	27°♄14'21	22°21'16
morning max el	-3000 Nov 21 j 17:39	13°♄55'07	23°47'39		-2999 Nov 06 j 18:36	0°♄	
	-3000 Dec 04 j 18:39	0°♄		desc. node	-2999 Nov 25 j 00:26	24°♄50'38	
desc. node	-3000 Dec 08 j 03:27	4°♄45'24			-2999 Nov 28 j 10:22	0°♄	
	-3000 Dec 24 j 10:20	0°♄		morning set	-2999 Dec 07 j 12:23	14°♄16'59	
morning set	-3000 Dec 27 j 03:35	4°♄34'38		max. Earth dist.	-2999 Dec 13 j 01:18	23°♄26'19	1.40819 AU
max. Earth dist.	-3000 Dec 31 j 03:37	11°♄31'23	1.38746 AU		-2999 Dec 16 j 21:18	0°♄	
superior conj	-2999 Jan 07 j 11:59	24°♄57'21	-1°52'54	superior conj	-2999 Dec 20 j 19:35	6°♄55'37	-1°56'29
minimum elong	-2999 Jan 07 j 14:01	25°♄06'55	1°52'54	minimum elong	-2999 Dec 20 j 18:52	6°♄52'25	1°56'33
	-2999 Jan 10 j 03:33	0°♄		evening rise	-2999 Dec 30 j 22:50	25°♄37'10	
evening rise	-2999 Jan 16 j 12:24	12°♄23'30			-2998 Jan 02 j 07:04	0°♄	
asc. node	-2999 Jan 23 j 07:59	25°♄15'00		asc. node	-2998 Jan 10 j 05:01	13°♄51'35	
	-2999 Jan 26 j 03:21	0°♄		evening max el	-2998 Jan 16 j 05:33	21°♄39'56	18°17'44
evening max el	-2999 Feb 01 j 23:22	8°♄55'02	18°47'28	retrograde	-2998 Jan 23 j 09:32	25°♄14'10	
retrograde	-2999 Feb 10 j 02:07	12°♄50'16		evening set	-2998 Jan 25 j 23:11	24°♄47'43	
evening set	-2999 Feb 12 j 12:16	12°♄30'40		inferior conj	-2998 Feb 02 j 01:30	20°♄05'28	3°52'57
inferior conj	-2999 Feb 20 j 06:28	8°♄09'18	3°17'19	minimum elong	-2998 Feb 02 j 03:18	20°♄01'34	3°52'43
minimum elong	-2999 Feb 20 j 10:44	8°♄01'24	3°16'25	min. Earth dist.	-2998 Feb 05 j 10:03	17°♄13'36	0.59690 AU
min. Earth dist.	-2999 Feb 23 j 13:26	5°♄44'42	0.57720 AU	morning rise	-2998 Feb 09 j 05:29	14°♄31'26	
morning rise	-2999 Feb 28 j 06:38	2°♄58'02		direct	-2998 Feb 15 j 18:00	12°♄36'20	
direct	-2999 Mar 05 j 20:45	1°♄42'01		desc. node	-2998 Feb 20 j 23:41	13°♄45'56	
desc. node	-2999 Mar 06 j 02:37	1°♄42'10		morning max el	-2998 Mar 01 j 23:57	20°♄15'53	27°08'45
morning max el	-2999 Mar 20 j 03:26	9°♄08'48	26°02'32		-2998 Mar 10 j 09:10	0°♄	
	-2999 Apr 04 j 21:06	0°♄			-2998 Mar 28 j 13:58	0°♄	
morning set	-2999 Apr 17 j 09:02	23°♄34'51		morning set	-2998 Apr 01 j 18:33	8°♄27'36	
	-2999 Apr 20 j 09:18	0°♄		asc. node	-2998 Apr 08 j 04:28	22°♄13'02	
asc. node	-2999 Apr 21 j 07:27	2°♄00'02					
superior conj	-2999 Apr 24 j 09:13	8°♄42'47	0°31'46	superior conj	-2998 Apr 08 j 20:57	23°♄43'19	0°07'14
minimum elong	-2999 Apr 24 j 07:51	8°♄35'21	0°31'30	minimum elong	-2998 Apr 08 j 20:38	23°♄41'33	0°07'10
max. Earth dist.	-2999 Apr 24 j 22:24	9°♄54'51	1.32677 AU	behind sun begin	-2998 Apr 08 j 16:09	23°♄16'57	
evening rise	-2999 May 01 j 10:42	23°♄51'38		behind sun end	-2998 Apr 09 j 01:07	24°♄06'08	
	-2999 May 04 j 11:16	0°♄		max. Earth dist.	-2998 Apr 08 j 11:44	22°♄52'49	1.32511 AU
	-2999 May 22 j 06:50	0°♄			-2998 Apr 11 j 17:51	0°♄	
evening max el	-2999 Jun 01 j 05:36	11°♄40'58	26°58'25	evening rise	-2998 Apr 15 j 19:54	8°♄45'31	
desc. node	-2999 Jun 02 j 01:34	12°♄27'36			-2998 Apr 26 j 22:06	0°♄	
retrograde	-2999 Jun 15 j 04:48	19°♄00'40		evening max el	-2998 May 14 j 04:19	23°♄17'37	26°01'08
evening set	-2999 Jun 22 j 01:33	16°♄54'18		desc. node	-2998 May 19 j 22:37	27°♄52'21	
min. Earth dist.	-2999 Jun 25 j 19:08	14°♄11'31	0.60995 AU		-2998 May 24 j 12:54	0°♄	
inferior conj	-2999 Jun 29 j 01:22	11°♄22'53	-4°21'42	retrograde	-2998 May 28 j 06:17	0°♄33'34	
minimum elong	-2999 Jun 29 j 03:11	11°♄18'55	4°21'29		-2998 May 31 j 22:44	30°♄04'23	
morning rise	-2999 Jul 06 j 06:31	6°♄33'58		evening set	-2998 Jun 03 j 07:17	29°♄04'23	
direct	-2999 Jul 08 j 19:20	6°♄08'07		min. Earth dist.	-2998 Jun 07 j 16:55	26°♄22'26	0.58940 AU
morning max el	-2999 Jul 15 j 21:07	9°♄37'13	18°04'02	inferior conj	-2998 Jun 11 j 01:23	23°♄51'52	-4°22'38
asc. node	-2999 Jul 18 j 06:47	12°♄16'25		minimum elong	-2998 Jun 10 j 23:53	23°♄54'42	4°22'29
	-2999 Jul 29 j 05:36	0°♄		morning rise	-2998 Jun 18 j 19:03	19°♄25'08	
morning set	-2999 Jul 31 j 20:57	4°♄52'13		direct	-2998 Jun 21 j 07:17	19°♄03'55	
				morning max el	-2998 Jun 29 j 05:22	22°♄49'41	18°32'21
					-2998 Jul 04 j 23:53	0°♄	
superior conj	-2999 Aug 10 j 23:35	23°♄17'43	1°38'17	asc. node	-2998 Jul 05 j 03:51	0°♄15'01	
minimum elong	-2999 Aug 11 j 03:12	23°♄33'41	1°38'08	morning set	-2998 Jul 15 j 10:32	18°♄36'55	
	-2999 Aug 14 j 19:53	0°♄			-2998 Jul 21 j 08:33	0°♄	
max. Earth dist.	-2999 Aug 18 j 13:04	6°♄17'37	1.41778 AU				
evening rise	-2999 Aug 24 j 10:18	15°♄54'58		superior conj	-2998 Jul 24 j 10:25	5°♄47'56	1°47'57
desc. node	-2999 Aug 29 j 00:51	23°♄10'47		minimum elong	-2998 Jul 24 j 11:27	5°♄52'44	1°48'02
	-2999 Sep 02 j 11:43	0°♄		max. Earth dist.	-2998 Jul 31 j 16:50	18°♄54'45	1.39867 AU
	-2999 Sep 24 j 10:15	0°♄		evening rise	-2998 Aug 04 j 23:47	26°♄15'04	
evening max el	-2999 Sep 26 j 10:28	2°♄08'25	22°23'31		-2998 Aug 07 j 05:59	0°♄	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-2998 Aug 15 j 21:51	13° $\Omega$ 42'33		desc. node	-2997 Aug 02 j 18:52	4° $\Omega$ 00'53	
	-2998 Aug 27 j 03:47	0° $\mathbb{M}$		evening max el	-2997 Aug 22 j 10:45	29° $\Omega$ 07'24	25°02'08
evening max el	-2998 Sep 08 j 23:37	15° $\mathbb{M}$ 36'05	23°43'59		-2997 Aug 23 j 08:34	0° $\mathbb{M}$	
retrograde	-2998 Sep 19 j 16:21	21° $\mathbb{M}$ 55'01		retrograde	-2997 Sep 03 j 04:31	5° $\mathbb{M}$ 56'46	
evening set	-2998 Sep 24 j 19:50	19° $\mathbb{M}$ 45'21		evening set	-2997 Sep 08 j 22:55	3° $\mathbb{M}$ 29'17	
min. Earth dist.	-2998 Sep 29 j 16:52	14° $\mathbb{M}$ 02'47	0.67419 AU		-2997 Sep 12 j 04:36	30° $\mathbb{R}$ $\Omega$	
inferior conj	-2998 Sep 30 j 03:45	13° $\mathbb{M}$ 25'38	-0°19'54	min. Earth dist.	-2997 Sep 13 j 11:08	28° $\Omega$ 21'56	0.67069 AU
minimum elong	-2998 Sep 30 j 04:13	13° $\mathbb{M}$ 24'02	0°19'41	inferior conj	-2997 Sep 14 j 08:40	27° $\Omega$ 10'58	-1°13'51
asc. node	-2998 Oct 01 j 02:55	12° $\mathbb{M}$ 07'10		minimum elong	-2997 Sep 14 j 10:25	27° $\Omega$ 05'10	1°13'04
morning rise	-2998 Oct 05 j 12:34	7° $\mathbb{M}$ 16'25		asc. node	-2997 Sep 17 j 23:59	22° $\Omega$ 47'10	
direct	-2998 Oct 09 j 13:09	5° $\mathbb{M}$ 45'01		morning rise	-2997 Sep 19 j 21:58	21° $\Omega$ 08'55	
morning max el	-2998 Oct 17 j 22:45	10° $\mathbb{M}$ 41'03	21°00'57	direct	-2997 Sep 23 j 11:02	19° $\Omega$ 56'11	
	-2998 Nov 01 j 17:45	0° $\Omega$		morning max el	-2997 Sep 30 j 23:31	24° $\Omega$ 16'31	19°52'08
desc. node	-2998 Nov 11 j 21:25	15° $\Omega$ 12'23			-2997 Oct 05 j 19:46	0° $\mathbb{M}$	
morning set	-2998 Nov 16 j 19:05	22° $\Omega$ 47'39			-2997 Oct 26 j 01:25	0° $\Omega$	
	-2998 Nov 21 j 08:35	0° $\mathbb{M}$		morning set	-2997 Oct 26 j 16:54	0° $\Omega$ 59'55	
max. Earth dist.	-2998 Nov 25 j 05:13	6° $\mathbb{M}$ 13'22	1.42675 AU	desc. node	-2997 Oct 29 j 18:25	5° $\Omega$ 45'29	
				max. Earth dist.	-2997 Nov 07 j 16:31	19° $\Omega$ 47'56	1.44057 AU
superior conj	-2998 Dec 02 j 03:40	17° $\mathbb{M}$ 44'38	-1°46'38	superior conj	-2997 Nov 12 j 08:30	27° $\Omega$ 17'22	-1°19'59
minimum elong	-2998 Dec 01 j 23:00	17° $\mathbb{M}$ 24'48	1°46'25	minimum elong	-2997 Nov 12 j 01:11	26° $\Omega$ 47'43	1°19'18
	-2998 Dec 09 j 05:36	0° $\mathbb{M}$			-2997 Nov 14 j 00:34	0° $\mathbb{M}$	
evening rise	-2998 Dec 13 j 19:18	8° $\mathbb{M}$ 08'08		evening rise	-2997 Nov 25 j 21:22	19° $\mathbb{M}$ 47'50	
	-2998 Dec 26 j 18:33	0° $\mathbb{Z}$			-2997 Dec 01 j 21:20	0° $\mathbb{M}$	
asc. node	-2998 Dec 28 j 02:02	1° $\mathbb{Z}$ 45'52		evening max el	-2997 Dec 14 j 05:01	18° $\mathbb{M}$ 01'55	18°17'11
evening max el	-2998 Dec 30 j 16:22	4° $\mathbb{Z}$ 44'35	18°07'54	asc. node	-2997 Dec 14 j 23:04	18° $\mathbb{M}$ 45'40	
retrograde	-2997 Jan 06 j 08:12	8° $\mathbb{Z}$ 11'48		retrograde	-2997 Dec 20 j 17:46	21° $\mathbb{M}$ 34'00	
evening set	-2997 Jan 09 j 01:13	7° $\mathbb{Z}$ 37'23		evening set	-2997 Dec 23 j 14:46	20° $\mathbb{M}$ 50'24	
inferior conj	-2997 Jan 15 j 14:40	2° $\mathbb{Z}$ 33'58	3°59'31	inferior conj	-2997 Dec 29 j 18:12	15° $\mathbb{M}$ 27'05	3°45'23
minimum elong	-2997 Jan 15 j 13:58	2° $\mathbb{Z}$ 35'41	3°59'23	minimum elong	-2997 Dec 29 j 15:52	15° $\mathbb{M}$ 33'32	3°44'58
	-2997 Jan 18 j 05:16	30° $\mathbb{R}$ $\mathbb{M}$		min. Earth dist.	-2996 Jan 01 j 03:33	12° $\mathbb{M}$ 49'16	0.63524 AU
min. Earth dist.	-2997 Jan 18 j 14:08	29° $\mathbb{M}$ 38'56	0.61706 AU	morning rise	-2996 Jan 04 j 16:20	9° $\mathbb{M}$ 27'56	
morning rise	-2997 Jan 22 j 01:32	26° $\mathbb{M}$ 44'57		direct	-2996 Jan 11 j 16:56	6° $\mathbb{M}$ 40'24	
direct	-2997 Jan 29 j 01:29	24° $\mathbb{M}$ 16'36		morning max el	-2996 Jan 25 j 09:52	14° $\mathbb{M}$ 26'11	27°37'13
desc. node	-2997 Feb 07 j 20:44	28° $\mathbb{M}$ 19'19		desc. node	-2996 Jan 25 j 17:48	14° $\mathbb{M}$ 45'59	
	-2997 Feb 09 j 21:57	0° $\mathbb{Z}$			-2996 Feb 07 j 02:40	0° $\mathbb{Z}$	
morning max el	-2997 Feb 12 j 02:34	2° $\mathbb{Z}$ 02'17	27°41'10		-2996 Feb 25 j 04:16	0° $\mathbb{M}$	
	-2997 Mar 04 j 15:14	0° $\mathbb{M}$		morning set	-2996 Feb 28 j 22:37	7° $\mathbb{M}$ 19'23	
morning set	-2997 Mar 16 j 23:52	23° $\mathbb{M}$ 05'10		max. Earth dist.	-2996 Mar 05 j 04:33	18° $\mathbb{M}$ 06'09	1.33273 AU
	-2997 Mar 20 j 07:28	0° $\mathbb{M}$					
max. Earth dist.	-2997 Mar 22 j 23:03	5° $\mathbb{M}$ 40'50	1.32700 AU	superior conj	-2996 Mar 07 j 15:39	23° $\mathbb{M}$ 20'22	-0°43'34
superior conj	-2997 Mar 24 j 07:40	8° $\mathbb{M}$ 37'51	-0°18'12	minimum elong	-2996 Mar 07 j 17:37	23° $\mathbb{M}$ 30'51	0°43'14
minimum elong	-2997 Mar 24 j 08:30	8° $\mathbb{M}$ 42'21	0°18'03		-2996 Mar 10 j 17:58	0° $\mathbb{M}$	
asc. node	-2997 Mar 26 j 01:27	12° $\mathbb{M}$ 25'23		asc. node	-2996 Mar 11 j 22:28	2° $\mathbb{M}$ 33'10	
evening rise	-2997 Mar 31 j 07:12	23° $\mathbb{M}$ 42'40		evening rise	-2996 Mar 14 j 18:49	8° $\mathbb{M}$ 36'44	
	-2997 Apr 03 j 08:15	0° $\mathbb{Y}$			-2996 Mar 26 j 01:41	0° $\mathbb{Y}$	
	-2997 Apr 21 j 21:26	0° $\mathbb{Z}$		evening max el	-2996 Apr 06 j 13:27	14° $\mathbb{Y}$ 58'22	23°05'32
evening max el	-2997 Apr 25 j 21:28	4° $\mathbb{Z}$ 16'29	24°39'16	retrograde	-2996 Apr 19 j 22:34	21° $\mathbb{Y}$ 34'46	
desc. node	-2997 May 06 j 19:42	10° $\mathbb{Z}$ 59'05		desc. node	-2996 Apr 22 j 16:46	21° $\mathbb{Y}$ 18'01	
retrograde	-2997 May 09 j 20:59	11° $\mathbb{Z}$ 20'38		evening set	-2996 Apr 23 j 08:53	21° $\mathbb{Y}$ 09'03	
evening set	-2997 May 14 j 15:19	10° $\mathbb{Z}$ 29'10		min. Earth dist.	-2996 Apr 30 j 23:41	17° $\mathbb{Y}$ 45'17	0.55690 AU
min. Earth dist.	-2997 May 20 j 09:28	7° $\mathbb{Z}$ 32'00	0.57055 AU	inferior conj	-2996 May 02 j 14:47	16° $\mathbb{Y}$ 48'18	-2°36'55
inferior conj	-2997 May 23 j 05:44	5° $\mathbb{Z}$ 40'54	-3°50'26	minimum elong	-2996 May 02 j 08:43	16° $\mathbb{Y}$ 57'10	2°35'08
minimum elong	-2997 May 23 j 00:34	5° $\mathbb{Z}$ 49'22	3°49'28	morning rise	-2996 May 11 j 10:57	12° $\mathbb{Y}$ 51'22	
morning rise	-2997 May 31 j 12:53	1° $\mathbb{Z}$ 33'18		direct	-2996 May 14 j 00:49	12° $\mathbb{Y}$ 35'23	
direct	-2997 Jun 03 j 01:02	1° $\mathbb{Z}$ 15'40		morning max el	-2996 May 24 j 20:04	17° $\mathbb{Y}$ 36'54	20°30'09
morning max el	-2997 Jun 12 j 05:48	5° $\mathbb{Z}$ 32'26	19°21'08		-2996 Jun 03 j 08:06	0° $\mathbb{Z}$	
asc. node	-2997 Jun 22 j 00:53	18° $\mathbb{Z}$ 55'53		asc. node	-2996 Jun 07 j 21:56	8° $\mathbb{Z}$ 09'04	
	-2997 Jun 27 j 22:51	0° $\mathbb{II}$		morning set	-2996 Jun 12 j 14:38	17° $\mathbb{Z}$ 26'40	
morning set	-2997 Jun 29 j 09:22	2° $\mathbb{II}$ 50'52			-2996 Jun 18 j 17:03	0° $\mathbb{II}$	
superior conj	-2997 Jul 07 j 14:24	19° $\mathbb{II}$ 10'37	1°47'23	superior conj	-2996 Jun 20 j 06:40	3° $\mathbb{II}$ 11'58	1°39'04
minimum elong	-2997 Jul 07 j 13:24	19° $\mathbb{II}$ 05'44	1°47'27	minimum elong	-2996 Jun 20 j 04:28	3° $\mathbb{II}$ 00'49	1°38'58
	-2997 Jul 13 j 06:56	0° $\mathbb{S}$		max. Earth dist.	-2996 Jun 25 j 01:17	12° $\mathbb{II}$ 42'02	1.36149 AU
max. Earth dist.	-2997 Jul 13 j 18:44	0° $\mathbb{S}$ 54'28	1.37914 AU	evening rise	-2996 Jun 29 j 04:00	20° $\mathbb{II}$ 30'42	
evening rise	-2997 Jul 17 j 15:00	7° $\mathbb{S}$ 50'16			-2996 Jul 04 j 10:54	0° $\mathbb{S}$	
	-2997 Jul 31 j 02:48	0° $\Omega$		desc. node	-2996 Jul 19 j 15:54	23° $\mathbb{S}$ 59'14	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2996 Jul 24 j 01:03	0°♎				-2995 Jun 27 j 06:09	0°♏	
evening max el	-2996 Aug 03 j 21:55	12°♎40'35	26°10'01	desc. node		-2995 Jul 06 j 12:56	13°♏29'00	
retrograde	-2996 Aug 16 j 11:54	19°♎49'58		evening max el		-2995 Jul 17 j 09:28	26°♏08'12	26°59'39
evening set	-2996 Aug 22 j 20:45	17°♎08'40				-2995 Jul 21 j 22:10	0°♎	
min. Earth dist.	-2996 Aug 27 j 00:51	12°♎38'55	0.66384 AU	retrograde		-2995 Jul 30 j 14:07	3°♎28'01	
inferior conj	-2996 Aug 28 j 10:06	10°♎55'17	-2°06'25	evening set		-2995 Aug 06 j 10:57	0°♎40'20	
minimum elong	-2996 Aug 28 j 13:02	10°♎46'06	2°05'14			-2995 Aug 07 j 05:41	30°♎♏	
morning rise	-2996 Sep 03 j 05:31	5°♎03'43		min. Earth dist.		-2995 Aug 10 j 07:38	26°♏48'47	0.65333 AU
asc. node	-2996 Sep 03 j 21:05	4°♎42'38		inferior conj		-2995 Aug 12 j 05:59	24°♏34'59	-2°55'30
direct	-2996 Sep 06 j 09:18	4°♎06'29		minimum elong		-2995 Aug 12 j 09:46	24°♏24'01	2°54'14
morning max el	-2996 Sep 13 j 07:07	7°♎59'48	18°57'55	morning rise		-2995 Aug 18 j 09:02	18°♏57'15	
	-2996 Sep 28 j 21:05	0°♎		direct		-2995 Aug 21 j 05:51	18°♏12'16	
morning set	-2996 Oct 05 j 05:31	10°♎01'21		asc. node		-2995 Aug 21 j 18:12	18°♏13'43	
desc. node	-2996 Oct 15 j 15:25	26°♎25'58		morning max el		-2995 Aug 27 j 19:41	21°♏47'34	18°19'56
	-2996 Oct 17 j 21:49	0°♎				-2995 Sep 03 j 04:53	0°♎	
max. Earth dist.	-2996 Oct 20 j 09:21	3°♎54'27	1.44794 AU	morning set		-2995 Sep 15 j 21:04	20°♎22'36	
						-2995 Sep 21 j 18:31	0°♎	
superior conj	-2996 Oct 21 j 14:17	5°♎48'34	-0°37'28					
minimum elong	-2996 Oct 21 j 09:30	5°♎29'42	0°36'51	superior conj		-2995 Sep 30 j 14:51	14°♎10'24	0°12'10
	-2996 Nov 05 j 17:43	0°♎		minimum elong		-2995 Sep 30 j 16:24	14°♎16'32	0°11'58
evening rise	-2996 Nov 06 j 00:42	0°♎28'20		behind sun begin		-2995 Sep 30 j 08:47	13°♎46'18	
	-2996 Nov 25 j 09:27	0°♎		behind sun end		-2995 Oct 01 j 00:02	14°♎46'44	
evening max el	-2996 Nov 26 j 16:44	1°♎25'39	18°44'32	desc. node		-2995 Oct 02 j 12:25	17°♎10'36	
asc. node	-2996 Nov 30 j 20:08	4°♎36'00		max. Earth dist.		-2995 Oct 03 j 04:04	18°♎12'23	1.44795 AU
retrograde	-2996 Dec 03 j 10:21	5°♎12'47				-2995 Oct 10 j 16:15	0°♎	
evening set	-2996 Dec 06 j 12:35	4°♎18'30		evening rise		-2995 Oct 17 j 03:37	10°♎07'44	
	-2996 Dec 11 j 04:45	30°♎♎		greatest brilliancy		-2995 Oct 28 j 06:50	27°♎26'00	-0.7m
inferior conj	-2996 Dec 12 j 08:24	28°♎37'29	3°16'58			-2995 Oct 29 j 23:21	0°♎	
minimum elong	-2996 Dec 12 j 05:23	28°♎46'38	3°16'12	evening max el		-2995 Nov 10 j 01:12	14°♎52'16	19°28'39
min. Earth dist.	-2996 Dec 14 j 02:44	26°♎29'39	0.65017 AU	retrograde		-2995 Nov 17 j 06:41	19°♎03'22	
morning rise	-2996 Dec 17 j 21:50	22°♎30'56		asc. node		-2995 Nov 17 j 17:13	19°♎02'15	
direct	-2996 Dec 24 j 14:58	19°♎39'33		evening set		-2995 Nov 20 j 15:57	17°♎56'21	
morning max el	-2995 Jan 06 j 19:20	27°♎17'27	27°00'05	inferior conj		-2995 Nov 26 j 06:12	12°♎00'45	2°38'43
	-2995 Jan 09 j 09:13	0°♎		minimum elong		-2995 Nov 26 j 03:14	12°♎10'21	2°37'44
desc. node	-2995 Jan 11 j 14:51	2°♎33'06		min. Earth dist.		-2995 Nov 27 j 10:42	10°♎28'35	0.66142 AU
	-2995 Jan 30 j 18:16	0°♎		morning rise		-2995 Dec 01 j 14:18	5°♎49'00	
morning set	-2995 Feb 11 j 11:33	20°♎58'45		direct		-2995 Dec 07 j 18:57	3°♎06'04	
max. Earth dist.	-2995 Feb 16 j 00:31	29°♎57'40	1.34272 AU	morning max el		-2995 Dec 20 j 04:51	10°♎25'03	25°56'54
	-2995 Feb 16 j 00:59	0°♎		desc. node		-2995 Dec 29 j 11:54	21°♎17'28	
						-2994 Jan 04 j 19:35	0°♎	
superior conj	-2995 Feb 19 j 18:48	7°♎42'51	-1°07'49			-2994 Jan 23 j 07:46	0°♎	
minimum elong	-2995 Feb 19 j 21:41	7°♎57'55	1°07'25	morning set		-2994 Jan 25 j 10:29	3°♎51'13	
asc. node	-2995 Feb 26 j 19:29	22°♎31'05		max. Earth dist.		-2994 Jan 29 j 08:52	11°♎16'29	1.35721 AU
evening rise	-2995 Feb 27 j 04:54	23°♎20'09						
	-2995 Mar 02 j 11:19	0°♎		superior conj		-2994 Feb 03 j 14:40	21°♎38'18	-1°29'25
evening max el	-2995 Mar 19 j 10:17	25°♎48'50	21°33'54	minimum elong		-2994 Feb 03 j 17:59	21°♎55'05	1°29'06
	-2995 Mar 25 j 02:00	0°♎				-2994 Feb 07 j 16:47	0°♎	
retrograde	-2995 Mar 31 j 13:45	1°♎40'45		evening rise		-2994 Feb 11 j 11:36	7°♎47'04	
evening set	-2995 Apr 03 j 02:46	1°♎26'07		asc. node		-2994 Feb 13 j 16:30	12°♎14'27	
	-2995 Apr 07 j 12:11	30°♎♎				-2994 Feb 23 j 18:18	0°♎	
desc. node	-2995 Apr 09 j 13:51	28°♎59'32		evening max el		-2994 Mar 01 j 16:45	7°♎09'11	20°14'48
inferior conj	-2995 Apr 12 j 11:11	27°♎24'33	-0°48'22	retrograde		-2994 Mar 12 j 04:43	12°♎09'12	
minimum elong	-2995 Apr 12 j 08:55	27°♎27'44	0°47'36	evening set		-2994 Mar 14 j 10:45	11°♎56'23	
min. Earth dist.	-2995 Apr 12 j 13:15	27°♎21'39	0.55125 AU	inferior conj		-2994 Mar 23 j 08:21	7°♎57'23	1°07'48
morning rise	-2995 Apr 21 j 15:33	23°♎23'14		minimum elong		-2994 Mar 23 j 11:16	7°♎53'03	1°06'48
direct	-2995 Apr 24 j 13:16	23°♎04'42		min. Earth dist.		-2994 Mar 25 j 03:17	6°♎53'33	0.55497 AU
morning max el	-2995 May 06 j 23:25	28°♎58'49	21°57'10	desc. node		-2994 Mar 27 j 10:57	5°♎35'18	
	-2995 May 08 j 00:34	0°♎		morning rise		-2994 Apr 01 j 10:02	3°♎33'20	
asc. node	-2995 May 25 j 19:00	27°♎45'50		direct		-2994 Apr 05 j 03:01	3°♎03'18	
	-2995 May 26 j 21:24	0°♎		morning max el		-2994 Apr 18 j 18:01	9°♎46'05	23°35'26
morning set	-2995 May 28 j 00:02	2°♎17'20				-2994 May 03 j 14:10	0°♎	
				morning set		-2994 May 12 j 11:40	17°♎16'30	
superior conj	-2995 Jun 04 j 07:29	17°♎40'42	1°24'59	asc. node		-2994 May 12 j 16:02	17°♎39'24	
minimum elong	-2995 Jun 04 j 04:51	17°♎26'54	1°24'43			-2994 May 18 j 10:31	0°♎	
max. Earth dist.	-2995 Jun 07 j 16:47	24°♎41'27	1.34701 AU					
	-2995 Jun 10 j 08:08	0°♎		superior conj		-2994 May 19 j 13:59	2°♎27'37	1°06'38
evening rise	-2995 Jun 12 j 09:28	4°♎01'29		minimum elong		-2994 May 19 j 11:32	2°♎14'24	1°06'17

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-2994 May 21 j 17:51	7°♄04'03	1.33622 AU		-2993 May 09 j 21:01	0°♄	
evening rise	-2994 May 27 j 02:48	18°♄09'05		evening rise	-2993 May 11 j 04:26	2°♄42'25	
	-2994 Jun 02 j 07:17	0°♄			-2993 May 26 j 03:35	0°♄	
	-2994 Jun 21 j 13:42	0°♄		desc. node	-2993 Jun 10 j 07:01	20°♄08'19	
desc. node	-2994 Jun 23 j 09:59	2°♄17'47		evening max el	-2993 Jun 12 j 04:05	22°♄00'51	27°17'18
evening max el	-2994 Jun 29 j 20:11	9°♄18'48	27°23'52	retrograde	-2993 Jun 26 j 01:13	29°♄22'54	
retrograde	-2994 Jul 13 j 10:48	16°♄42'01		evening set	-2993 Jul 03 j 03:23	26°♄59'26	
evening set	-2994 Jul 20 j 14:26	13°♄59'19		min. Earth dist.	-2993 Jul 06 j 17:39	24°♄08'06	0.62125 AU
min. Earth dist.	-2994 Jul 24 j 05:33	10°♄42'31	0.63902 AU	inferior conj	-2993 Jul 09 j 18:29	21°♄18'23	-4°10'29
inferior conj	-2994 Jul 26 j 17:46	8°♄04'45	-3°38'17	minimum elong	-2993 Jul 09 j 21:32	21°♄11'14	4°09'59
minimum elong	-2994 Jul 26 j 21:45	7°♄54'16	3°37'16	morning rise	-2993 Jul 16 j 17:04	16°♄17'07	
morning rise	-2994 Aug 02 j 05:56	2°♄43'55		direct	-2993 Jul 19 j 06:27	15°♄48'17	
direct	-2994 Aug 04 j 21:59	2°♄08'15		morning max el	-2993 Jul 26 j 01:14	19°♄13'41	17°56'44
asc. node	-2994 Aug 08 j 15:19	3°♄17'40		asc. node	-2993 Jul 26 j 12:23	19°♄41'44	
morning max el	-2994 Aug 11 j 10:39	5°♄34'10	17°59'13		-2993 Aug 02 j 22:38	0°♄	
	-2994 Aug 27 j 11:21	0°♄		morning set	-2993 Aug 11 j 05:54	14°♄35'54	
morning set	-2994 Aug 28 j 14:55	1°♄58'44			-2993 Aug 19 j 21:22	0°♄	
superior conj	-2994 Sep 10 j 08:02	23°♄23'45	0°56'09	superior conj	-2993 Aug 22 j 04:24	3°♄58'01	1°26'59
minimum elong	-2994 Sep 10 j 13:25	23°♄45'45	0°55'33	minimum elong	-2993 Aug 22 j 09:20	4°♄19'10	1°26'37
	-2994 Sep 14 j 09:48	0°♄		max. Earth dist.	-2993 Aug 29 j 08:57	16°♄01'08	1.42756 AU
max. Earth dist.	-2994 Sep 15 j 20:46	2°♄20'03	1.44080 AU	evening rise	-2993 Sep 05 j 18:15	27°♄51'05	
desc. node	-2994 Sep 19 j 09:24	7°♄55'45		desc. node	-2993 Sep 06 j 06:23	28°♄38'36	
evening rise	-2994 Sep 26 j 11:52	19°♄00'20			-2993 Sep 07 j 03:14	0°♄	
	-2994 Oct 03 j 16:18	0°♄			-2993 Sep 27 j 11:39	0°♄	
evening max el	-2994 Oct 24 j 04:28	28°♄18'40	20°27'47	evening max el	-2993 Oct 07 j 01:44	11°♄44'50	21°38'53
	-2994 Oct 25 j 22:50	0°♄		retrograde	-2993 Oct 16 j 00:34	17°♄03'52	
retrograde	-2994 Nov 01 j 04:07	3°♄01'11		evening set	-2993 Oct 20 j 06:23	15°♄24'27	
evening set	-2994 Nov 04 j 22:32	1°♄39'10		asc. node	-2993 Oct 22 j 11:25	13°♄14'41	
asc. node	-2994 Nov 04 j 14:19	1°♄53'29		inferior conj	-2993 Oct 25 j 14:41	9°♄10'04	1°03'48
	-2994 Nov 06 j 18:53	30°♄		minimum elong	-2993 Oct 25 j 13:15	9°♄15'00	1°03'11
inferior conj	-2994 Nov 10 j 09:00	25°♄32'24	1°53'36	min. Earth dist.	-2993 Oct 25 j 20:04	8°♄51'30	0.67353 AU
minimum elong	-2994 Nov 10 j 06:37	25°♄40'26	1°52'40	morning rise	-2993 Oct 30 j 19:56	2°♄55'23	
min. Earth dist.	-2994 Nov 11 j 01:18	24°♄37'18	0.66910 AU	direct	-2993 Nov 04 j 18:38	0°♄49'56	
morning rise	-2994 Nov 15 j 14:31	19°♄17'51		morning max el	-2993 Nov 14 j 22:58	6°♄54'19	23°10'23
direct	-2994 Nov 21 j 04:25	16°♄51'31			-2993 Dec 02 j 20:26	0°♄	
morning max el	-2994 Dec 02 j 13:32	23°♄38'29	24°37'03	desc. node	-2993 Dec 03 j 05:56	0°♄34'41	
	-2994 Dec 08 j 05:38	0°♄		morning set	-2993 Dec 19 j 15:20	26°♄12'14	
desc. node	-2994 Dec 16 j 08:56	10°♄41'53			-2993 Dec 21 j 21:29	0°♄	
	-2994 Dec 29 j 05:22	0°♄		max. Earth dist.	-2993 Dec 24 j 02:26	3°♄46'55	1.39635 AU
morning set	-2993 Jan 07 j 13:50	15°♄41'10		superior conj	-2993 Dec 31 j 18:32	17°♄29'45	-1°55'49
max. Earth dist.	-2993 Jan 11 j 07:10	22°♄20'50	1.37564 AU	minimum elong	-2993 Dec 31 j 19:36	17°♄34'40	1°55'53
	-2993 Jan 15 j 09:55	0°♄			-2992 Jan 07 j 09:39	0°♄	
superior conj	-2993 Jan 18 j 00:01	4°♄57'45	-1°46'21	evening rise	-2992 Jan 10 j 05:21	5°♄25'06	
minimum elong	-2993 Jan 18 j 02:53	5°♄11'41	1°46'14	asc. node	-2992 Jan 18 j 10:34	20°♄33'47	
evening rise	-2993 Jan 26 j 12:39	21°♄51'07			-2992 Jan 24 j 23:28	0°♄	
	-2993 Jan 30 j 16:47	0°♄		evening max el	-2992 Jan 26 j 12:20	1°♄37'06	18°32'25
asc. node	-2993 Jan 31 j 13:32	1°♄37'46		retrograde	-2992 Feb 03 j 03:51	5°♄21'07	
evening max el	-2993 Feb 12 j 10:01	19°♄06'50	19°13'42	evening set	-2992 Feb 05 j 15:37	4°♄58'43	
retrograde	-2993 Feb 21 j 07:14	23°♄21'23		inferior conj	-2992 Feb 13 j 02:44	0°♄29'02	3°36'35
evening set	-2993 Feb 23 j 15:03	23°♄05'13		minimum elong	-2992 Feb 13 j 06:05	0°♄22'26	3°35'59
inferior conj	-2993 Mar 03 j 19:29	18°♄54'50	2°40'35		-2992 Feb 13 j 17:25	30°♄	
minimum elong	-2993 Mar 04 j 00:21	18°♄46'36	2°39'17	min. Earth dist.	-2992 Feb 16 j 12:20	27°♄49'41	0.58533 AU
min. Earth dist.	-2993 Mar 06 j 18:34	16°♄55'19	0.56724 AU	morning rise	-2992 Feb 20 j 18:09	25°♄07'10	
morning rise	-2993 Mar 12 j 06:50	13°♄59'40		direct	-2992 Feb 26 j 19:16	23°♄34'11	
desc. node	-2993 Mar 14 j 08:02	13°♄23'00		desc. node	-2992 Feb 29 j 05:07	23°♄48'46	
direct	-2993 Mar 17 j 04:28	13°♄03'52			-2992 Mar 10 j 21:14	0°♄	
morning max el	-2993 Mar 31 j 08:57	20°♄20'07	25°12'51	morning max el	-2992 Mar 12 j 02:00	1°♄07'37	26°34'23
	-2993 Apr 08 j 15:08	0°♄			-2992 Apr 01 j 14:34	0°♄	
	-2993 Apr 25 j 21:18	0°♄		morning set	-2992 Apr 10 j 10:45	17°♄15'49	
morning set	-2993 Apr 26 j 23:49	2°♄18'22		asc. node	-2992 Apr 15 j 10:02	27°♄55'25	
asc. node	-2993 Apr 29 j 13:02	7°♄44'25			-2992 Apr 16 j 08:49	0°♄	
superior conj	-2993 May 03 j 23:59	17°♄25'25	0°45'11	superior conj	-2992 Apr 17 j 11:33	2°♄26'22	0°21'32
minimum elong	-2993 May 03 j 22:08	17°♄15'18	0°44'51	minimum elong	-2992 Apr 17 j 10:37	2°♄21'12	0°21'20
max. Earth dist.	-2993 May 05 j 02:21	19°♄48'39	1.32913 AU	max. Earth dist.	-2992 Apr 17 j 14:58	2°♄45'07	1.32560 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-2992 Apr 24 j 11:32	17° $\Upsilon$ 30'58		superior conj	-2991 Apr 01 j 23:03	17° $\Upsilon$ 24'41	-0°03'31
	-2992 Apr 30 j 18:01	0° $\mathcal{B}$		minimum elong	-2991 Apr 01 j 23:12	17° $\Upsilon$ 25'35	0°03'30
	-2992 May 20 j 10:06	0° $\Pi$		behind sun begin	-2991 Apr 01 j 18:17	16° $\Upsilon$ 58'39	
evening max el	-2992 May 24 j 06:46	4° $\Pi$ 02'54	26°37'48	behind sun end	-2991 Apr 02 j 04:08	17° $\Upsilon$ 52'31	
desc. node	-2992 May 27 j 04:05	6° $\Pi$ 35'09		asc. node	-2991 Apr 02 j 07:03	18° $\Upsilon$ 08'27	
retrograde	-2992 Jun 07 j 07:45	11° $\Pi$ 21'09			-2991 Apr 07 j 18:07	0° $\Upsilon$	
evening set	-2992 Jun 13 j 21:26	9° $\Pi$ 30'09		evening rise	-2991 Apr 08 j 21:52	2° $\Upsilon$ 27'01	
min. Earth dist.	-2992 Jun 17 j 20:10	6° $\Pi$ 49'35	0.60118 AU		-2991 Apr 23 j 21:35	0° $\mathcal{B}$	
inferior conj	-2992 Jun 21 j 04:32	4° $\Pi$ 06'07	-4°25'29	evening max el	-2991 May 06 j 02:57	15° $\mathcal{B}$ 21'47	25°28'37
minimum elong	-2992 Jun 21 j 05:07	4° $\Pi$ 04'56	4°25'24	desc. node	-2991 May 14 j 01:09	21° $\mathcal{B}$ 05'27	
	-2992 Jun 27 j 04:06	30° $\mathcal{R}\mathcal{B}$		retrograde	-2991 May 20 j 04:26	22° $\mathcal{B}$ 33'11	
morning rise	-2992 Jun 28 j 14:49	29° $\mathcal{B}$ 26'21		evening set	-2991 May 25 j 17:32	21° $\mathcal{B}$ 20'49	
direct	-2992 Jul 01 j 03:16	29° $\mathcal{B}$ 02'36		min. Earth dist.	-2991 May 30 j 15:07	18° $\mathcal{B}$ 34'11	0.58102 AU
	-2992 Jul 04 j 22:43	0° $\Pi$		inferior conj	-2991 Jun 02 j 20:23	16° $\mathcal{B}$ 18'22	-4°13'41
morning max el	-2992 Jul 08 j 12:32	2° $\Pi$ 37'34	18°13'34	minimum elong	-2991 Jun 02 j 17:13	16° $\mathcal{B}$ 23'59	4°13'17
asc. node	-2992 Jul 12 j 09:26	7° $\Pi$ 09'24		morning rise	-2991 Jun 10 j 19:40	12° $\mathcal{B}$ 00'12	
morning set	-2992 Jul 24 j 12:32	27° $\Pi$ 59'04		direct	-2991 Jun 13 j 08:01	11° $\mathcal{B}$ 40'29	
	-2992 Jul 25 j 14:11	0° $\mathcal{E}$		morning max el	-2991 Jun 21 j 17:39	15° $\mathcal{B}$ 37'23	18°50'36
				asc. node	-2991 Jun 29 j 06:28	25° $\mathcal{B}$ 26'42	
superior conj	-2992 Aug 03 j 02:40	15° $\mathcal{E}$ 49'27	1°43'48		-2991 Jul 01 j 22:36	0° $\Pi$	
minimum elong	-2992 Aug 03 j 05:10	16° $\mathcal{E}$ 00'44	1°43'47	morning set	-2991 Jul 08 j 06:25	11° $\Pi$ 56'50	
max. Earth dist.	-2992 Aug 10 j 15:51	29° $\mathcal{E}$ 04'10	1.40992 AU				
	-2992 Aug 11 j 05:01	0° $\Omega$		superior conj	-2991 Jul 16 j 21:24	28° $\Pi$ 43'09	1°48'49
evening rise	-2992 Aug 15 j 17:23	7° $\Omega$ 29'58		minimum elong	-2991 Jul 16 j 21:28	28° $\Pi$ 43'30	1°48'54
desc. node	-2992 Aug 23 j 03:22	19° $\Omega$ 15'31			-2991 Jul 17 j 13:36	0° $\mathcal{E}$	
	-2992 Aug 30 j 06:56	0° $\mathcal{M}$		max. Earth dist.	-2991 Jul 23 j 18:40	11° $\mathcal{E}$ 24'57	1.39027 AU
evening max el	-2992 Sep 18 j 17:29	25° $\mathcal{M}$ 12'02	22°57'37	evening rise	-2991 Jul 27 j 17:57	18° $\mathcal{E}$ 21'36	
	-2992 Sep 24 j 17:41	0° $\mathcal{A}$			-2991 Aug 03 j 18:34	0° $\Omega$	
retrograde	-2992 Sep 28 j 18:35	1° $\mathcal{A}$ 09'11		desc. node	-2991 Aug 10 j 00:23	9° $\Omega$ 42'01	
	-2992 Oct 02 j 11:05	30° $\mathcal{R}\mathcal{M}$			-2991 Aug 24 j 14:25	0° $\mathcal{M}$	
evening set	-2992 Oct 03 j 13:47	29° $\mathcal{M}$ 10'42		evening max el	-2991 Sep 01 j 05:31	8° $\mathcal{M}$ 41'08	24°18'00
asc. node	-2992 Oct 08 j 08:30	23° $\mathcal{M}$ 36'37		retrograde	-2991 Sep 12 j 09:02	15° $\mathcal{M}$ 13'33	
inferior conj	-2992 Oct 08 j 21:25	22° $\mathcal{M}$ 52'07	0°11'07	evening set	-2991 Sep 17 j 18:58	12° $\mathcal{M}$ 55'51	
minimum elong	-2992 Oct 08 j 21:09	22° $\mathcal{M}$ 53'02	0°11'01	min. Earth dist.	-2991 Sep 22 j 12:07	7° $\mathcal{M}$ 28'14	0.67311 AU
transit middle	-2992 Oct 08 j 21:09	22° $\mathcal{M}$ 53'02	0°11'01	inferior conj	-2991 Sep 23 j 03:29	6° $\mathcal{M}$ 36'31	-0°42'51
transit begin	-2992 Oct 08 j 19:10	22° $\mathcal{M}$ 59'54		minimum elong	-2991 Sep 23 j 04:30	6° $\mathcal{M}$ 33'04	0°42'23
transit end	-2992 Oct 08 j 23:09	22° $\mathcal{M}$ 46'09		asc. node	-2991 Sep 25 j 05:35	3° $\mathcal{M}$ 52'48	
min. Earth dist.	-2992 Oct 08 j 16:29	23° $\mathcal{M}$ 09'09	0.67485 AU	morning rise	-2991 Sep 28 j 14:01	0° $\mathcal{M}$ 30'13	
morning rise	-2992 Oct 14 j 04:25	16° $\mathcal{M}$ 40'13			-2991 Sep 29 j 08:23	30° $\mathcal{R}\mathcal{A}$	
direct	-2992 Oct 18 j 12:44	14° $\mathcal{M}$ 56'39		direct	-2991 Oct 02 j 09:30	29° $\Omega$ 07'07	
morning max el	-2992 Oct 27 j 12:40	20° $\mathcal{M}$ 15'59	21°45'54		-2991 Oct 05 j 15:09	0° $\mathcal{M}$	
	-2992 Nov 04 j 15:24	0° $\mathcal{A}$		morning max el	-2991 Oct 10 j 09:15	3° $\mathcal{M}$ 46'28	20°30'08
desc. node	-2992 Nov 19 j 02:56	20° $\mathcal{A}$ 47'51			-2991 Oct 29 j 15:01	0° $\mathcal{A}$	
	-2992 Nov 25 j 02:43	0° $\mathcal{M}$		desc. node	-2991 Nov 05 j 23:55	11° $\mathcal{A}$ 14'59	
morning set	-2992 Nov 28 j 11:59	5° $\mathcal{M}$ 20'20		morning set	-2991 Nov 07 j 12:06	13° $\mathcal{A}$ 34'57	
max. Earth dist.	-2992 Dec 05 j 02:41	16° $\mathcal{M}$ 04'57	1.41658 AU	max. Earth dist.	-2991 Nov 17 j 10:33	29° $\mathcal{A}$ 16'24	1.43338 AU
					-2991 Nov 17 j 21:22	0° $\mathcal{M}$	
superior conj	-2992 Dec 12 j 16:55	29° $\mathcal{M}$ 00'53	-1°54'11				
minimum elong	-2992 Dec 12 j 14:35	28° $\mathcal{M}$ 50'41	1°54'11	superior conj	-2991 Nov 23 j 13:36	9° $\mathcal{M}$ 17'25	-1°37'29
	-2992 Dec 13 j 06:25	0° $\mathcal{A}$		minimum elong	-2991 Nov 23 j 07:23	8° $\mathcal{M}$ 51'38	1°37'03
evening rise	-2992 Dec 23 j 10:22	18° $\mathcal{A}$ 21'52		evening rise	-2991 Dec 05 j 23:37	0° $\mathcal{A}$ 32'24	
	-2992 Dec 29 j 20:20	0° $\mathcal{B}$			-2991 Dec 05 j 16:13	0° $\mathcal{A}$	
asc. node	-2991 Jan 04 j 07:36	8° $\mathcal{B}$ 53'56		asc. node	-2991 Dec 22 j 04:40	26° $\mathcal{A}$ 26'39	
evening max el	-2991 Jan 08 j 20:56	14° $\mathcal{B}$ 31'55	18°11'09	evening max el	-2991 Dec 23 j 08:50	27° $\mathcal{A}$ 42'21	18°09'28
retrograde	-2991 Jan 15 j 18:18	18° $\mathcal{B}$ 01'17			-2991 Dec 26 j 04:11	0° $\mathcal{B}$	
evening set	-2991 Jan 18 j 09:31	17° $\mathcal{B}$ 31'24		retrograde	-2991 Dec 29 j 22:20	1° $\mathcal{B}$ 10'29	
inferior conj	-2991 Jan 25 j 05:57	12° $\mathcal{B}$ 39'53	3°58'45	evening set	-2990 Jan 01 j 16:55	0° $\mathcal{B}$ 32'17	
minimum elong	-2991 Jan 25 j 06:37	12° $\mathcal{B}$ 38'21	3°58'38		-2990 Jan 02 j 17:27	30° $\mathcal{R}\mathcal{A}$	
min. Earth dist.	-2991 Jan 28 j 11:32	9° $\mathcal{B}$ 44'05	0.60565 AU	inferior conj	-2990 Jan 08 j 01:45	25° $\mathcal{A}$ 19'48	3°55'35
morning rise	-2991 Feb 01 j 02:12	6° $\mathcal{B}$ 59'02		minimum elong	-2990 Jan 08 j 00:14	25° $\mathcal{A}$ 23'44	3°55'23
direct	-2991 Feb 07 j 21:07	4° $\mathcal{B}$ 48'36		min. Earth dist.	-2990 Jan 10 j 19:21	22° $\mathcal{A}$ 30'19	0.62517 AU
desc. node	-2991 Feb 15 j 02:10	7° $\mathcal{B}$ 00'36		morning rise	-2990 Jan 14 j 06:40	19° $\mathcal{A}$ 25'54	
morning max el	-2991 Feb 22 j 01:01	12° $\mathcal{B}$ 30'26	27°26'59	direct	-2990 Jan 21 j 07:53	16° $\mathcal{A}$ 47'53	
	-2991 Mar 07 j 21:50	0° $\mathcal{A}$		desc. node	-2990 Feb 01 j 23:14	22° $\mathcal{A}$ 26'24	
	-2991 Mar 24 j 18:50	0° $\mathcal{K}$		morning max el	-2990 Feb 04 j 06:07	24° $\mathcal{A}$ 34'01	27°43'53
morning set	-2991 Mar 25 j 18:43	2° $\mathcal{K}$ 02'39			-2990 Feb 09 j 05:34	0° $\mathcal{B}$	
max. Earth dist.	-2991 Apr 01 j 04:03	15° $\mathcal{K}$ 40'58	1.32554 AU		-2990 Mar 01 j 05:35	0° $\mathcal{A}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-2990 Mar 09 j 21:35	16° $\approx$ 31'07			-2989 Feb 04 j 06:02	0° $\approx$	
max. Earth dist.	-2990 Mar 15 j 13:34	28° $\approx$ 21'22	1.32899 AU		-2989 Feb 21 j 10:07	0° $\approx$	
	-2990 Mar 16 j 07:55	0° $\approx$		morning set	-2989 Feb 21 j 16:39	0° $\approx$ 32'04	
				max. Earth dist.	-2989 Feb 26 j 15:26	10° $\approx$ 33'01	1.33643 AU
superior conj	-2990 Mar 17 j 08:48	2° $\approx$ 14'19	-0°29'02				
minimum elong	-2990 Mar 17 j 10:08	2° $\approx$ 21'28	0°28'48	superior conj	-2989 Mar 01 j 15:01	16° $\approx$ 48'59	-0°54'05
asc. node	-2990 Mar 20 j 04:03	8° $\approx$ 18'58		minimum elong	-2989 Mar 01 j 17:24	17° $\approx$ 01'40	0°53'43
evening rise	-2990 Mar 24 j 09:31	17° $\approx$ 23'17		asc. node	-2989 Mar 07 j 01:05	28° $\approx$ 22'55	
	-2990 Mar 30 j 16:11	0° $\approx$			-2989 Mar 07 j 19:24	0° $\approx$	
evening max el	-2990 Apr 17 j 18:41	26° $\approx$ 09'04	23°59'51	evening rise	-2989 Mar 08 j 20:43	2° $\approx$ 13'18	
	-2990 Apr 22 j 12:13	0° $\approx$			-2989 Mar 24 j 13:16	0° $\approx$	
desc. node	-2990 Apr 30 j 22:12	3° $\approx$ 03'09		evening max el	-2989 Mar 30 j 11:51	6° $\approx$ 50'50	22°25'29
retrograde	-2990 May 01 j 13:37	3° $\approx$ 04'05		retrograde	-2989 Apr 12 j 10:37	13° $\approx$ 10'46	
evening set	-2990 May 05 j 18:01	2° $\approx$ 25'12		evening set	-2989 Apr 15 j 09:44	12° $\approx$ 51'27	
	-2990 May 11 j 01:42	30° $\approx$ 1'00		desc. node	-2989 Apr 17 j 19:17	12° $\approx$ 09'36	
min. Earth dist.	-2990 May 12 j 06:03	29° $\approx$ 18'11	0.56390 AU	min. Earth dist.	-2989 Apr 23 j 20:02	9° $\approx$ 12'10	0.55330 AU
inferior conj	-2990 May 14 j 16:07	27° $\approx$ 48'40	-3°24'22	inferior conj	-2989 Apr 24 j 18:29	8° $\approx$ 40'15	-1°53'54
minimum elong	-2990 May 14 j 10:02	27° $\approx$ 58'07	3°22'56	minimum elong	-2989 Apr 24 j 13:32	8° $\approx$ 47'17	1°52'18
morning rise	-2990 May 23 j 05:06	23° $\approx$ 47'31		morning rise	-2989 May 03 j 19:07	4° $\approx$ 43'40	
direct	-2990 May 25 j 17:40	23° $\approx$ 30'55		direct	-2989 May 06 j 10:53	4° $\approx$ 27'29	
morning max el	-2990 Jun 04 j 14:01	28° $\approx$ 04'41	19°48'14	morning max el	-2989 May 17 j 23:44	9° $\approx$ 51'29	21°05'23
	-2990 Jun 06 j 11:27	0° $\approx$			-2989 Jun 01 j 01:17	0° $\approx$	
asc. node	-2990 Jun 16 j 03:31	14° $\approx$ 22'13		asc. node	-2989 Jun 03 j 00:34	3° $\approx$ 46'05	
morning set	-2990 Jun 22 j 08:18	26° $\approx$ 20'55		morning set	-2989 Jun 06 j 15:33	11° $\approx$ 03'28	
	-2990 Jun 24 j 03:38	0° $\approx$					
superior conj	-2990 Jun 30 j 07:10	12° $\approx$ 12'40	1°44'41	superior conj	-2989 Jun 14 j 03:29	26° $\approx$ 38'22	1°33'42
minimum elong	-2990 Jun 30 j 05:33	12° $\approx$ 16'05	1°44'41	minimum elong	-2989 Jun 14 j 01:01	26° $\approx$ 25'40	1°33'31
max. Earth dist.	-2990 Jul 05 j 21:46	23° $\approx$ 16'00	1.37121 AU		-2989 Jun 15 j 18:52	0° $\approx$	
evening rise	-2990 Jul 09 j 19:02	0° $\approx$ 25'54		max. Earth dist.	-2989 Jun 18 j 07:23	5° $\approx$ 10'48	1.35479 AU
	-2990 Jul 09 j 13:18	0° $\approx$		evening rise	-2989 Jun 22 j 15:40	13° $\approx$ 12'30	
desc. node	-2990 Jul 27 j 21:25	29° $\approx$ 52'54			-2989 Jul 01 j 22:15	0° $\approx$	
	-2990 Jul 27 j 23:22	0° $\approx$		desc. node	-2989 Jul 14 j 18:26	19° $\approx$ 40'15	
evening max el	-2990 Aug 14 j 16:18	22° $\approx$ 13'09	25°32'44		-2989 Jul 22 j 19:27	0° $\approx$	
retrograde	-2990 Aug 26 j 19:20	29° $\approx$ 12'52		evening max el	-2989 Jul 28 j 03:32	5° $\approx$ 44'26	26°33'53
evening set	-2990 Sep 01 j 20:08	26° $\approx$ 38'29		retrograde	-2989 Aug 10 j 00:46	13° $\approx$ 00'16	
min. Earth dist.	-2990 Sep 06 j 04:41	21° $\approx$ 47'09	0.66816 AU	evening set	-2989 Aug 16 j 15:03	10° $\approx$ 15'00	
inferior conj	-2990 Sep 07 j 07:09	20° $\approx$ 12'45	-1°36'26	min. Earth dist.	-2989 Aug 20 j 15:48	6° $\approx$ 01'32	0.65975 AU
minimum elong	-2990 Sep 07 j 09:26	20° $\approx$ 14'22	1°35'28	inferior conj	-2989 Aug 22 j 06:29	4° $\approx$ 04'23	-2°27'49
asc. node	-2990 Sep 12 j 02:40	15° $\approx$ 00'42		minimum elong	-2989 Aug 22 j 09:51	3° $\approx$ 54'12	2°26'35
morning rise	-2990 Sep 12 j 22:53	14° $\approx$ 24'02			-2989 Aug 25 j 22:53	30° $\approx$ 1'00	
direct	-2990 Sep 16 j 07:39	13° $\approx$ 18'28		morning rise	-2989 Aug 28 j 04:58	28° $\approx$ 18'15	
morning max el	-2990 Sep 23 j 13:13	17° $\approx$ 26'17	19°27'16	asc. node	-2989 Aug 29 j 23:46	27° $\approx$ 35'23	
	-2990 Oct 03 j 04:49	0° $\approx$		direct	-2989 Aug 31 j 05:24	27° $\approx$ 26'46	
morning set	-2990 Oct 17 j 13:45	22° $\approx$ 01'51			-2989 Sep 05 j 16:50	0° $\approx$	
	-2990 Oct 22 j 16:20	0° $\approx$		morning max el	-2989 Sep 06 j 23:11	1° $\approx$ 11'48	18°39'42
desc. node	-2990 Oct 23 j 20:57	1° $\approx$ 51'56			-2989 Sep 26 j 13:25	0° $\approx$	
max. Earth dist.	-2990 Oct 31 j 00:34	13° $\approx$ 06'55	1.44455 AU	morning set	-2989 Sep 27 j 13:09	1° $\approx$ 35'15	
				desc. node	-2989 Oct 10 j 17:58	22° $\approx$ 34'31	
superior conj	-2990 Nov 03 j 07:22	18° $\approx$ 20'03	-1°03'35				
minimum elong	-2990 Nov 03 j 00:22	17° $\approx$ 52'07	1°02'48	superior conj	-2989 Oct 13 j 08:08	26° $\approx$ 39'26	-0°16'32
	-2990 Nov 10 j 12:54	0° $\approx$		minimum elong	-2989 Oct 13 j 05:56	26° $\approx$ 30'48	0°16'14
evening rise	-2990 Nov 17 j 16:35	11° $\approx$ 48'17		behind sun begin	-2989 Oct 13 j 04:51	26° $\approx$ 26'33	
	-2990 Nov 28 j 17:41	0° $\approx$		behind sun end	-2989 Oct 13 j 07:01	26° $\approx$ 35'04	
evening max el	-2990 Dec 06 j 21:21	11° $\approx$ 02'43	18°26'33	max. Earth dist.	-2989 Oct 13 j 17:57	27° $\approx$ 18'07	1.44879 AU
asc. node	-2990 Dec 09 j 01:44	12° $\approx$ 58'49			-2989 Oct 15 j 11:05	0° $\approx$	
retrograde	-2990 Dec 13 j 11:26	14° $\approx$ 40'24		evening rise	-2989 Oct 29 j 09:22	22° $\approx$ 01'54	
evening set	-2990 Dec 16 j 10:21	13° $\approx$ 52'37			-2989 Nov 03 j 09:17	0° $\approx$	
inferior conj	-2990 Dec 22 j 10:17	8° $\approx$ 21'23	3°34'45	greatest brilliancy	-2989 Nov 05 j 10:19	3° $\approx$ 15'02	-0.8m
minimum elong	-2990 Dec 22 j 07:33	8° $\approx$ 29'15	3°34'11	evening max el	-2989 Nov 20 j 07:58	24° $\approx$ 28'24	19°01'23
min. Earth dist.	-2990 Dec 24 j 13:13	5° $\approx$ 55'01	0.64205 AU	asc. node	-2989 Nov 25 j 22:48	28° $\approx$ 15'21	
morning rise	-2990 Dec 28 j 04:14	2° $\approx$ 18'26		retrograde	-2989 Nov 27 j 05:56	28° $\approx$ 24'47	
	-2989 Jan 01 j 00:51	30° $\approx$ 1'00		evening set	-2989 Nov 30 j 10:50	27° $\approx$ 25'32	
direct	-2989 Jan 04 j 02:19	29° $\approx$ 12'27		inferior conj	-2989 Dec 06 j 04:05	21° $\approx$ 38'12	3°01'47
	-2989 Jan 07 j 07:45	0° $\approx$		minimum elong	-2989 Dec 06 j 01:01	21° $\approx$ 47'48	3°00'53
morning max el	-2989 Jan 17 j 14:54	7° $\approx$ 11'50	27°25'02	min. Earth dist.	-2989 Dec 07 j 16:28	19° $\approx$ 44'48	0.65540 AU
desc. node	-2989 Jan 19 j 20:18	9° $\approx$ 30'44		morning rise	-2989 Dec 11 j 14:52	15° $\approx$ 29'05	
				direct	-2989 Dec 18 j 03:14	12° $\approx$ 39'38	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2989 Dec 31 j 00:32	20° $\mathbb{M}$ 11'38	26°35'48			-2988 Nov 23 j 07:02	30° $\mathbb{R}$ $\mathbb{A}$	
desc. node	-2988 Jan 06 j 17:24	27° $\mathbb{M}$ 45'07		morning rise	-2988 Nov 24 j 10:57	28° $\mathbb{A}$ 51'59		
	-2988 Jan 08 j 12:05	0° $\mathbb{A}$		direct	-2988 Nov 30 j 09:39	26° $\mathbb{A}$ 15'11		
	-2988 Jan 28 j 07:47	0° $\mathbb{B}$			-2988 Dec 08 j 16:48	0° $\mathbb{M}$		
morning set	-2988 Feb 05 j 00:19	13° $\mathbb{B}$ 54'14		morning max el	-2988 Dec 12 j 09:22	3° $\mathbb{M}$ 21'33	25°24'26	
max. Earth dist.	-2988 Feb 09 j 06:19	22° $\mathbb{B}$ 09'04	1.34831 AU	desc. node	-2988 Dec 23 j 14:26	16° $\mathbb{M}$ 48'11		
	-2988 Feb 13 j 03:27	0° $\mathbb{A}$			-2987 Jan 01 j 18:43	0° $\mathbb{A}$		
				morning set	-2987 Jan 17 j 15:38	26° $\mathbb{A}$ 22'09		
superior conj	-2988 Feb 13 j 15:29	1° $\mathbb{A}$ 02'00	-1°17'25		-2987 Jan 19 j 15:17	0° $\mathbb{B}$		
minimum elong	-2988 Feb 13 j 18:38	1° $\mathbb{A}$ 18'13	1°17'01	max. Earth dist.	-2987 Jan 21 j 09:45	3° $\mathbb{B}$ 18'02	1.36465 AU	
evening rise	-2988 Feb 21 j 05:40	16° $\mathbb{A}$ 51'06						
asc. node	-2988 Feb 21 j 22:07	18° $\mathbb{A}$ 15'47		superior conj	-2987 Jan 27 j 07:21	14° $\mathbb{B}$ 43'50	-1°37'19	
	-2988 Feb 27 j 22:03	0° $\mathbb{H}$		minimum elong	-2987 Jan 27 j 10:36	15° $\mathbb{B}$ 00'04	1°37'04	
evening max el	-2988 Mar 11 j 12:40	17° $\mathbb{H}$ 53'54	20°58'20		-2987 Feb 03 j 20:32	0° $\mathbb{A}$		
retrograde	-2988 Mar 23 j 00:02	23° $\mathbb{H}$ 23'16		evening rise	-2987 Feb 04 j 10:14	1° $\mathbb{A}$ 09'21		
evening set	-2988 Mar 25 j 08:21	23° $\mathbb{H}$ 10'22		asc. node	-2987 Feb 07 j 19:08	7° $\mathbb{A}$ 51'36		
inferior conj	-2988 Apr 03 j 13:34	19° $\mathbb{H}$ 12'26	0°01'57	evening max el	-2987 Feb 21 j 23:53	29° $\mathbb{A}$ 30'34	19°46'25	
minimum elong	-2988 Apr 03 j 13:39	19° $\mathbb{H}$ 12'18	0°01'55		-2987 Feb 22 j 12:34	0° $\mathbb{H}$		
transit middle	-2988 Apr 03 j 13:39	19° $\mathbb{H}$ 12'18	0°01'55	retrograde	-2987 Mar 03 j 18:14	4° $\mathbb{H}$ 09'19		
transit begin	-2988 Apr 03 j 09:36	19° $\mathbb{H}$ 18'05		evening set	-2987 Mar 06 j 00:43	3° $\mathbb{H}$ 55'23		
transit end	-2988 Apr 03 j 17:43	19° $\mathbb{H}$ 06'31			-2987 Mar 14 j 10:51	30° $\mathbb{R}$ $\mathbb{A}$		
desc. node	-2988 Apr 03 j 16:22	19° $\mathbb{H}$ 08'27		inferior conj	-2987 Mar 14 j 15:22	29° $\mathbb{A}$ 52'57	1°51'16	
min. Earth dist.	-2988 Apr 04 j 10:08	18° $\mathbb{H}$ 43'10	0.55170 AU	minimum elong	-2987 Mar 14 j 19:38	29° $\mathbb{A}$ 46'17	1°49'55	
morning rise	-2988 Apr 12 j 18:17	15° $\mathbb{H}$ 02'58		min. Earth dist.	-2987 Mar 17 j 00:21	28° $\mathbb{A}$ 24'22	0.55938 AU	
direct	-2988 Apr 15 j 22:46	14° $\mathbb{H}$ 40'50		desc. node	-2987 Mar 21 j 13:27	25° $\mathbb{A}$ 59'11		
morning max el	-2988 Apr 28 j 22:56	20° $\mathbb{H}$ 57'36	22°38'04	morning rise	-2987 Mar 23 j 12:12	25° $\mathbb{A}$ 16'11		
	-2988 May 06 j 14:27	0° $\mathbb{Y}$		direct	-2987 Mar 27 j 17:01	24° $\mathbb{A}$ 36'56		
asc. node	-2988 May 19 j 21:37	23° $\mathbb{Y}$ 31'00			-2987 Apr 08 j 20:48	0° $\mathbb{H}$		
morning set	-2988 May 21 j 02:08	25° $\mathbb{Y}$ 58'37		morning max el	-2987 Apr 10 j 15:03	1° $\mathbb{H}$ 35'22	24°17'42	
	-2988 May 23 j 00:02	0° $\mathbb{B}$			-2987 Apr 30 j 03:14	0° $\mathbb{Y}$		
				morning set	-2987 May 05 j 14:11	10° $\mathbb{Y}$ 59'40		
superior conj	-2988 May 28 j 07:02	11° $\mathbb{B}$ 16'00	1°17'38	asc. node	-2987 May 06 j 18:38	13° $\mathbb{Y}$ 30'00		
minimum elong	-2988 May 28 j 04:25	11° $\mathbb{B}$ 02'06	1°17'20					
max. Earth dist.	-2988 May 31 j 03:03	17° $\mathbb{B}$ 12'58	1.34200 AU	superior conj	-2987 May 12 j 15:15	26° $\mathbb{Y}$ 08'11	0°57'51	
evening rise	-2988 Jun 05 j 02:44	27° $\mathbb{B}$ 18'02		minimum elong	-2987 May 12 j 13:00	25° $\mathbb{Y}$ 56'00	0°57'30	
	-2988 Jun 06 j 12:03	0° $\mathbb{II}$			-2987 May 14 j 10:20	0° $\mathbb{B}$		
	-2988 Jun 24 j 04:38	0° $\mathbb{B}$		max. Earth dist.	-2987 May 14 j 07:51	29° $\mathbb{Y}$ 46'40	1.33287 AU	
desc. node	-2988 Jun 30 j 15:26	8° $\mathbb{B}$ 54'07		evening rise	-2987 May 20 j 00:01	11° $\mathbb{B}$ 37'53		
evening max el	-2988 Jul 09 j 15:06	19° $\mathbb{B}$ 06'43	27°13'31		-2987 May 29 j 18:00	0° $\mathbb{II}$		
retrograde	-2988 Jul 23 j 00:42	26° $\mathbb{B}$ 28'30		desc. node	-2987 Jun 17 j 12:27	27° $\mathbb{II}$ 20'26		
evening set	-2988 Jul 30 j 01:03	23° $\mathbb{B}$ 41'43			-2987 Jun 19 j 22:27	0° $\mathbb{B}$		
min. Earth dist.	-2988 Aug 02 j 19:09	20° $\mathbb{B}$ 05'17	0.64767 AU	evening max el	-2987 Jun 22 j 01:07	2° $\mathbb{B}$ 07'14	27°25'02	
inferior conj	-2988 Aug 04 j 23:15	17° $\mathbb{B}$ 40'29	-3°14'40	retrograde	-2987 Jul 05 j 18:32	9° $\mathbb{B}$ 29'19		
minimum elong	-2988 Aug 05 j 03:14	17° $\mathbb{B}$ 29'23	3°13'28	evening set	-2987 Jul 12 j 22:49	6° $\mathbb{B}$ 53'15		
morning rise	-2988 Aug 11 j 05:59	12° $\mathbb{B}$ 09'15		min. Earth dist.	-2987 Jul 16 j 12:55	3° $\mathbb{B}$ 48'43	0.63188 AU	
direct	-2988 Aug 14 j 00:29	11° $\mathbb{B}$ 28'31		inferior conj	-2987 Jul 19 j 06:43	1° $\mathbb{B}$ 04'23	-3°53'36	
asc. node	-2988 Aug 15 j 20:52	11° $\mathbb{B}$ 46'39		minimum elong	-2987 Jul 19 j 10:29	0° $\mathbb{B}$ 54'58	3°52'47	
morning max el	-2988 Aug 20 j 12:59	14° $\mathbb{B}$ 58'59	18°08'53		-2987 Jul 20 j 08:44	30° $\mathbb{R}$ $\mathbb{II}$		
	-2988 Aug 31 j 04:31	0° $\mathbb{Q}$		morning rise	-2987 Jul 25 j 23:08	25° $\mathbb{II}$ 51'23		
morning set	-2988 Sep 07 j 16:22	12° $\mathbb{Q}$ 29'33		direct	-2987 Jul 28 j 13:56	25° $\mathbb{II}$ 18'43		
	-2988 Sep 18 j 06:55	0° $\mathbb{P}$		asc. node	-2987 Aug 02 j 17:57	27° $\mathbb{II}$ 26'28		
				morning max el	-2987 Aug 04 j 04:05	28° $\mathbb{II}$ 43'03	17°55'52	
superior conj	-2988 Sep 21 j 13:23	5° $\mathbb{P}$ 16'09	0°32'09		-2987 Aug 05 j 09:04	0° $\mathbb{B}$		
minimum elong	-2988 Sep 21 j 17:08	5° $\mathbb{P}$ 31'10	0°31'41	morning set	-2987 Aug 20 j 19:56	24° $\mathbb{B}$ 33'52		
max. Earth dist.	-2988 Sep 25 j 11:59	11° $\mathbb{P}$ 32'53	1.44574 AU		-2987 Aug 23 j 22:22	0° $\mathbb{Q}$		
desc. node	-2988 Sep 26 j 14:56	13° $\mathbb{P}$ 19'28						
	-2988 Oct 07 j 06:56	0° $\mathbb{A}$		superior conj	-2987 Sep 01 j 17:39	15° $\mathbb{Q}$ 02'24	1°11'01	
evening rise	-2988 Oct 08 j 02:49	1° $\mathbb{A}$ 17'06		minimum elong	-2987 Sep 01 j 23:16	15° $\mathbb{Q}$ 25'47	1°10'29	
greatest brilliancy	-2988 Oct 21 j 04:33	21° $\mathbb{A}$ 18'33	-0.7m	max. Earth dist.	-2987 Sep 08 j 03:38	25° $\mathbb{Q}$ 33'33	1.43583 AU	
	-2988 Oct 27 j 04:33	0° $\mathbb{M}$			-2987 Sep 10 j 22:12	0° $\mathbb{P}$		
evening max el	-2988 Nov 02 j 14:28	7° $\mathbb{M}$ 55'21	19°52'15	desc. node	-2987 Sep 13 j 11:53	4° $\mathbb{P}$ 03'58		
retrograde	-2988 Nov 10 j 02:51	12° $\mathbb{M}$ 18'37		evening rise	-2987 Sep 17 j 07:50	10° $\mathbb{P}$ 02'45		
asc. node	-2988 Nov 11 j 19:53	12° $\mathbb{M}$ 01'43			-2987 Sep 30 j 12:31	0° $\mathbb{A}$		
evening set	-2988 Nov 13 j 15:48	11° $\mathbb{M}$ 05'29		evening max el	-2987 Oct 16 j 15:16	21° $\mathbb{A}$ 21'54	20°56'50	
inferior conj	-2988 Nov 19 j 04:15	5° $\mathbb{M}$ 04'59	2°20'18	retrograde	-2987 Oct 25 j 00:02	26° $\mathbb{A}$ 19'07		
minimum elong	-2988 Nov 19 j 01:29	5° $\mathbb{M}$ 14'08	2°19'18	evening set	-2987 Oct 28 j 23:09	24° $\mathbb{A}$ 49'43		
min. Earth dist.	-2988 Nov 20 j 03:25	3° $\mathbb{M}$ 48'31	0.66511 AU	asc. node	-2987 Oct 29 j 16:58	24° $\mathbb{A}$ 12'56		

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-2987 Nov 03 j 08:29	18°♂39'16	1°32'57	min. Earth dist.	-2986 Oct 18 j 15:41	2°♂15'43	0.67441 AU
minimum elong	-2987 Nov 03 j 06:28	18°♂46'09	1°32'07		-2986 Oct 20 j 07:34	30°♂15'43	
min. Earth dist.	-2987 Nov 03 j 19:57	18°♂00'08	0.67135 AU	morning rise	-2986 Oct 23 j 20:35	26°♂04'54	
morning rise	-2987 Nov 08 j 13:39	12°♂24'37		direct	-2986 Oct 28 j 12:53	24°♂09'05	
direct	-2987 Nov 13 j 21:03	10°♂07'04		morning max el	-2986 Nov 07 j 05:04	29°♂54'25	22°33'49
morning max el	-2987 Nov 24 j 18:04	16°♂36'10	24°00'36		-2986 Nov 07 j 07:16	0°♂	
	-2987 Dec 05 j 20:28	0°♂		desc. node	-2986 Nov 27 j 08:27	26°♂27'56	
desc. node	-2987 Dec 10 j 11:27	6°♂25'55			-2986 Nov 29 j 17:03	0°♂	
	-2987 Dec 25 j 19:15	0°♂		morning set	-2986 Dec 10 j 21:49	17°♂34'46	
morning set	-2987 Dec 30 j 08:40	7°♂40'04		max. Earth dist.	-2986 Dec 16 j 02:55	26°♂15'10	1.40513 AU
max. Earth dist.	-2986 Jan 03 j 06:16	14°♂29'24	1.38435 AU		-2986 Dec 18 j 07:27	0°♂	
superior conj	-2986 Jan 10 j 10:57	27°♂44'41	-1°51'28	superior conj	-2986 Dec 23 j 21:31	9°♂51'45	-1°56'43
minimum elong	-2986 Jan 10 j 13:15	27°♂55'37	1°51'26	minimum elong	-2986 Dec 23 j 21:20	9°♂50'52	1°56'49
	-2986 Jan 11 j 15:19	0°♂		evening rise	-2985 Jan 02 j 20:15	28°♂20'45	
evening rise	-2986 Jan 19 j 08:06	15°♂01'48			-2985 Jan 03 j 17:18	0°♂	
asc. node	-2986 Jan 25 j 16:08	27°♂04'24		asc. node	-2985 Jan 12 j 13:11	15°♂46'27	
	-2986 Jan 27 j 08:08	0°♂		evening max el	-2985 Jan 19 j 02:27	24°♂23'58	18°20'58
evening max el	-2986 Feb 04 j 21:12	11°♂42'35	18°53'36	retrograde	-2985 Jan 26 j 09:11	28°♂00'22	
retrograde	-2986 Feb 13 j 04:25	15°♂42'28		evening set	-2985 Jan 28 j 22:17	27°♂35'03	
evening set	-2986 Feb 15 j 13:56	15°♂23'50		inferior conj	-2985 Feb 05 j 02:47	22°♂56'10	3°49'37
inferior conj	-2986 Feb 23 j 10:44	11°♂05'22	3°08'54	minimum elong	-2985 Feb 05 j 05:00	22°♂51'30	3°49'19
minimum elong	-2986 Feb 23 j 15:15	10°♂57'12	3°07'51	min. Earth dist.	-2985 Feb 08 j 12:02	20°♂06'40	0.59381 AU
min. Earth dist.	-2986 Feb 26 j 16:07	8°♂46'43	0.57448 AU	morning rise	-2985 Feb 12 j 09:38	17°♂24'58	
morning rise	-2986 Mar 03 j 13:54	5°♂57'57		direct	-2985 Feb 18 j 19:31	15°♂35'24	
desc. node	-2986 Mar 08 j 10:33	4°♂48'19		desc. node	-2985 Feb 23 j 07:38	16°♂26'55	
direct	-2986 Mar 08 j 23:49	4°♂47'34		morning max el	-2985 Mar 05 j 01:54	23°♂13'57	27°00'54
morning max el	-2986 Mar 23 j 06:18	12°♂12'01	25°50'20		-2985 Mar 11 j 03:43	0°♂	
	-2986 Apr 06 j 01:50	0°♂			-2985 Mar 30 j 01:06	0°♂	
morning set	-2986 Apr 20 j 02:03	26°♂00'38		morning set	-2985 Apr 04 j 12:01	10°♂55'20	
	-2986 Apr 21 j 23:11	0°♂		asc. node	-2985 Apr 10 j 12:37	23°♂50'57	
asc. node	-2986 Apr 23 j 15:38	3°♂38'03		superior conj	-2985 Apr 11 j 13:55	26°♂09'25	0°11'04
superior conj	-2986 Apr 27 j 02:08	11°♂07'58	0°35'22	minimum elong	-2985 Apr 11 j 13:25	26°♂06'43	0°10'56
minimum elong	-2986 Apr 27 j 00:37	10°♂59'46	0°35'04	behind sun begin	-2985 Apr 11 j 09:47	25°♂46'50	
max. Earth dist.	-2986 Apr 27 j 18:43	12°♂38'31	1.32728 AU	behind sun end	-2985 Apr 11 j 17:03	26°♂26'36	
evening rise	-2986 May 04 j 04:16	26°♂18'36		max. Earth dist.	-2985 Apr 11 j 07:58	25°♂36'53	1.32511 AU
	-2986 May 05 j 23:37	0°♂			-2985 Apr 13 j 08:02	0°♂	
	-2986 May 23 j 06:51	0°♂		evening rise	-2985 Apr 18 j 13:01	11°♂11'49	
desc. node	-2986 Jun 04 j 09:30	14°♂38'51			-2985 Apr 28 j 05:43	0°♂	
evening max el	-2986 Jun 04 j 06:55	14°♂32'41	27°04'18	evening max el	-2985 May 17 j 06:41	26°♂16'17	26°11'28
retrograde	-2986 Jun 18 j 05:37	21°♂53'14			-2985 May 21 j 18:05	0°♂	
evening set	-2986 Jun 25 j 04:13	19°♂41'55		desc. node	-2985 May 22 j 06:34	0°♂21'27	
min. Earth dist.	-2986 Jun 28 j 20:31	16°♂57'34	0.61293 AU	retrograde	-2985 May 31 j 08:40	3°♂33'12	
inferior conj	-2986 Jul 02 j 01:37	14°♂07'56	-4°19'29	evening set	-2985 Jun 06 j 13:16	1°♂58'14	
minimum elong	-2986 Jul 02 j 03:50	14°♂03'03	4°19'11		-2985 Jun 09 j 19:32	30°♂17'07	0.59244 AU
morning rise	-2986 Jul 09 j 05:04	9°♂15'55		min. Earth dist.	-2985 Jun 10 j 19:32	29°♂17'07	0.59244 AU
direct	-2986 Jul 11 j 17:58	8°♂49'22		inferior conj	-2985 Jun 14 j 04:23	26°♂42'27	-4°24'26
morning max el	-2986 Jul 18 j 17:40	12°♂17'05	18°01'33	minimum elong	-2985 Jun 14 j 03:28	26°♂44'14	4°24'20
asc. node	-2986 Jul 20 j 15:01	14°♂19'29		morning rise	-2985 Jun 21 j 20:07	22°♂12'22	
	-2986 Jul 30 j 15:09	0°♂		direct	-2985 Jun 24 j 08:19	21°♂50'35	
morning set	-2986 Aug 03 j 18:10	7°♂32'05		morning max el	-2985 Jul 02 j 02:51	25°♂33'15	18°26'49
					-2985 Jul 05 j 23:12	0°♂	
superior conj	-2986 Aug 14 j 01:37	26°♂11'19	1°35'45	asc. node	-2985 Jul 07 j 12:03	2°♂10'33	
minimum elong	-2986 Aug 14 j 05:37	26°♂28'49	1°35'33	morning set	-2985 Jul 18 j 06:06	21°♂11'41	
	-2986 Aug 16 j 06:10	0°♂			-2985 Jul 22 j 20:23	0°♂	
max. Earth dist.	-2986 Aug 21 j 13:49	9°♂00'29	1.42042 AU	superior conj	-2985 Jul 27 j 09:26	8°♂32'13	1°47'13
evening rise	-2986 Aug 27 j 19:26	19°♂08'25		minimum elong	-2985 Jul 27 j 10:50	8°♂38'42	1°47'15
desc. node	-2986 Aug 31 j 08:51	24°♂44'36		max. Earth dist.	-2985 Aug 03 j 18:08	21°♂43'31	1.40165 AU
	-2986 Sep 03 j 18:43	0°♂		evening rise	-2985 Aug 08 j 05:06	29°♂17'39	
	-2986 Sep 25 j 03:11	0°♂			-2985 Aug 08 j 15:18	0°♂	
evening max el	-2986 Sep 29 j 09:52	4°♂47'27	22°11'45	desc. node	-2985 Aug 18 j 05:51	15°♂17'50	
retrograde	-2986 Oct 08 j 19:41	10°♂23'10			-2985 Aug 28 j 06:38	0°♂	
evening set	-2986 Oct 13 j 07:01	8°♂35'34		evening max el	-2985 Sep 11 j 23:38	18°♂14'53	23°31'58
asc. node	-2986 Oct 16 j 14:04	5°♂03'19		retrograde	-2985 Sep 22 j 12:25	24°♂28'24	
inferior conj	-2986 Oct 18 j 14:49	2°♂18'43	0°41'40	evening set	-2985 Sep 27 j 13:41	22°♂21'44	
minimum elong	-2986 Oct 18 j 13:51	2°♂22'01	0°41'16				




























































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-2985 Oct 02 j 21:29	16° $\cap$ 02'10	-0°11'45	desc. node	-2984 Aug 04 j 02:53	5° $\Omega$ 38'36	
minimum elong	-2985 Oct 02 j 21:46	16° $\cap$ 01'13	0°11'36		-2984 Aug 22 j 17:35	0° $\cap$	
transit middle	-2985 Oct 02 j 21:46	16° $\cap$ 01'13	0°11'36	evening max el	-2984 Aug 24 j 11:02	1° $\cap$ 46'15	24°50'59
transit begin	-2985 Oct 02 j 19:51	16° $\cap$ 07'45		retrograde	-2984 Sep 05 j 01:14	8° $\cap$ 31'20	
transit end	-2985 Oct 02 j 23:40	15° $\cap$ 54'41		evening set	-2984 Sep 10 j 17:25	6° $\cap$ 06'23	
min. Earth dist.	-2985 Oct 02 j 12:11	16° $\cap$ 34'03	0.67447 AU	min. Earth dist.	-2984 Sep 15 j 06:56	0° $\cap$ 53'40	0.67143 AU
asc. node	-2985 Oct 03 j 11:10	15° $\cap$ 15'29			-2984 Sep 15 j 23:07	30° $\kappa$ $\Omega$	
morning rise	-2985 Oct 08 j 05:46	9° $\cap$ 52'02		inferior conj	-2984 Sep 16 j 02:48	29° $\Omega$ 47'47	-1°05'43
direct	-2985 Oct 12 j 08:18	8° $\cap$ 17'31		minimum elong	-2984 Sep 16 j 04:22	29° $\Omega$ 42'35	1°05'01
morning max el	-2985 Oct 20 j 21:28	13° $\cap$ 19'28	21°12'11	asc. node	-2984 Sep 19 j 08:15	25° $\Omega$ 48'07	
	-2985 Nov 02 j 21:55	0° $\Omega$		morning rise	-2984 Sep 21 j 15:20	23° $\Omega$ 44'31	
desc. node	-2985 Nov 14 j 05:27	16° $\Omega$ 47'26		direct	-2984 Sep 25 j 06:01	22° $\Omega$ 29'06	
morning set	-2985 Nov 20 j 07:40	26° $\Omega$ 13'19		morning max el	-2984 Oct 02 j 21:10	26° $\Omega$ 54'00	20°01'31
	-2985 Nov 22 j 17:06	0° $\cap$			-2984 Oct 05 j 15:40	0° $\cap$	
max. Earth dist.	-2985 Nov 28 j 05:39	8° $\cap$ 53'55	1.42423 AU		-2984 Oct 26 j 08:49	0° $\Omega$	
				morning set	-2984 Oct 29 j 05:21	4° $\Omega$ 24'29	
superior conj	-2985 Dec 05 j 09:28	20° $\cap$ 51'50	-1°49'09	desc. node	-2984 Oct 31 j 02:28	7° $\Omega$ 19'29	
minimum elong	-2985 Dec 05 j 05:24	20° $\cap$ 34'25	1°49'00	max. Earth dist.	-2984 Nov 09 j 16:19	22° $\Omega$ 24'04	1.43893 AU
	-2985 Dec 10 j 15:44	0° $\kappa$			-2984 Nov 14 j 09:31	0° $\cap$	
evening rise	-2985 Dec 16 j 19:03	10° $\kappa$ 58'16		superior conj	-2984 Nov 14 j 18:29	0° $\cap$ 36'28	-1°25'10
	-2985 Dec 27 j 18:59	0° $\Omega$		minimum elong	-2984 Nov 14 j 11:18	0° $\cap$ 07'12	1°24'30
asc. node	-2985 Dec 30 j 10:15	3° $\Omega$ 47'53		evening rise	-2984 Nov 28 j 00:13	22° $\cap$ 46'45	
evening max el	-2984 Jan 02 j 12:49	7° $\Omega$ 26'15	18°08'13		-2984 Dec 02 j 05:14	0° $\kappa$	
retrograde	-2984 Jan 09 j 05:44	10° $\Omega$ 53'32		evening max el	-2984 Dec 16 j 01:24	20° $\kappa$ 42'20	18°14'35
evening set	-2984 Jan 11 j 22:19	10° $\Omega$ 20'18		asc. node	-2984 Dec 16 j 07:20	20° $\kappa$ 57'06	
inferior conj	-2984 Jan 18 j 13:29	5° $\Omega$ 20'05	3°59'59	retrograde	-2984 Dec 22 j 14:02	24° $\kappa$ 12'56	
minimum elong	-2984 Jan 18 j 13:07	5° $\Omega$ 20'58	3°59'54	evening set	-2984 Dec 25 j 10:25	23° $\kappa$ 30'43	
min. Earth dist.	-2984 Jan 21 j 14:48	2° $\Omega$ 24'04	0.61410 AU	inferior conj	-2984 Dec 31 j 15:09	18° $\kappa$ 10'05	3°48'32
	-2984 Jan 24 j 11:29	30° $\kappa$ $\kappa$		minimum elong	-2984 Dec 31 j 13:00	18° $\kappa$ 15'55	3°48'11
morning rise	-2984 Jan 25 j 02:39	29° $\kappa$ 33'05		min. Earth dist.	-2983 Jan 03 j 02:40	15° $\kappa$ 28'52	0.63274 AU
direct	-2984 Feb 01 j 01:42	27° $\kappa$ 08'52		morning rise	-2983 Jan 06 j 14:55	12° $\kappa$ 12'17	
	-2984 Feb 09 j 05:30	0° $\Omega$		direct	-2983 Jan 13 j 16:01	9° $\kappa$ 26'48	
desc. node	-2984 Feb 10 j 04:43	0° $\Omega$ 39'50		desc. node	-2983 Jan 27 j 01:48	16° $\kappa$ 51'40	
morning max el	-2984 Feb 15 j 03:33	4° $\Omega$ 53'51	27°38'44	morning max el	-2983 Jan 27 j 10:19	17° $\kappa$ 12'34	27°40'04
	-2984 Mar 04 j 22:02	0° $\approx$			-2983 Feb 07 j 03:18	0° $\Omega$	
morning set	-2984 Mar 18 j 18:06	25° $\approx$ 35'36			-2983 Feb 25 j 15:21	0° $\approx$	
	-2984 Mar 20 j 21:00	0° $\kappa$		morning set	-2983 Mar 02 j 18:00	9° $\approx$ 53'27	
max. Earth dist.	-2984 Mar 24 j 19:51	8° $\kappa$ 27'20	1.32646 AU	max. Earth dist.	-2983 Mar 08 j 02:30	20° $\approx$ 56'36	1.33162 AU
superior conj	-2984 Mar 26 j 00:54	11° $\kappa$ 05'16	-0°14'18	superior conj	-2983 Mar 10 j 09:23	25° $\approx$ 49'32	-0°39'46
minimum elong	-2984 Mar 26 j 01:33	11° $\kappa$ 08'49	0°14'12	minimum elong	-2983 Mar 10 j 11:11	25° $\approx$ 59'11	0°39'28
behind sun begin	-2984 Mar 25 j 23:18	10° $\kappa$ 56'33			-2983 Mar 12 j 07:53	0° $\kappa$	
behind sun end	-2984 Mar 26 j 03:48	11° $\kappa$ 21'05		asc. node	-2983 Mar 14 j 06:40	4° $\kappa$ 12'21	
asc. node	-2984 Mar 27 j 09:37	14° $\kappa$ 03'45		evening rise	-2983 Mar 17 j 11:48	11° $\kappa$ 03'41	
evening rise	-2984 Apr 02 j 00:07	26° $\kappa$ 09'02			-2983 Mar 27 j 07:07	0° $\gamma$	
	-2984 Apr 03 j 20:28	0° $\gamma$		evening max el	-2983 Apr 09 j 16:20	18° $\gamma$ 02'31	23°19'40
	-2984 Apr 21 j 12:50	0° $\Omega$		retrograde	-2983 Apr 23 j 04:21	24° $\gamma$ 44'11	
evening max el	-2984 Apr 28 j 00:37	7° $\Omega$ 20'25	24°52'37	desc. node	-2983 Apr 25 j 00:44	24° $\gamma$ 36'34	
desc. node	-2984 May 08 j 03:40	13° $\Omega$ 51'39		evening set	-2983 Apr 26 j 19:12	24° $\gamma$ 15'31	
retrograde	-2984 May 12 j 00:59	14° $\Omega$ 26'41		min. Earth dist.	-2983 May 04 j 02:57	20° $\gamma$ 56'34	0.55849 AU
evening set	-2984 May 17 j 00:20	13° $\Omega$ 30'10		inferior conj	-2983 May 05 j 23:27	19° $\gamma$ 50'56	-2°50'41
min. Earth dist.	-2984 May 22 j 12:44	10° $\Omega$ 36'05	0.57317 AU	minimum elong	-2983 May 05 j 17:13	20° $\gamma$ 00'10	2°48'58
inferior conj	-2984 May 25 j 11:49	8° $\Omega$ 38'06	-3°57'54	morning rise	-2983 May 14 j 17:51	15° $\gamma$ 53'23	
minimum elong	-2984 May 25 j 07:07	8° $\Omega$ 45'58	3°57'06	direct	-2983 May 17 j 07:21	15° $\gamma$ 37'17	
morning rise	-2984 Jun 02 j 16:54	4° $\Omega$ 27'47		morning max el	-2983 May 27 j 20:25	20° $\gamma$ 31'05	20°18'40
direct	-2984 Jun 05 j 05:05	4° $\Omega$ 09'39			-2983 Jun 04 j 11:44	0° $\Omega$	
morning max el	-2984 Jun 14 j 04:35	8° $\Omega$ 20'52	19°12'29	asc. node	-2983 Jun 10 j 06:08	9° $\Omega$ 54'25	
asc. node	-2984 Jun 23 j 09:06	20° $\Omega$ 45'42		morning set	-2983 Jun 15 j 08:13	19° $\Omega$ 54'52	
	-2984 Jun 28 j 10:03	0° $\Pi$			-2983 Jun 20 j 06:16	0° $\Pi$	
morning set	-2984 Jul 01 j 03:46	5° $\Pi$ 21'51		superior conj	-2983 Jun 23 j 01:52	5° $\Pi$ 44'13	1°40'44
superior conj	-2984 Jul 09 j 11:11	21° $\Pi$ 47'52	1°48'01	minimum elong	-2983 Jun 22 j 23:48	5° $\Pi$ 33'47	1°40'40
minimum elong	-2984 Jul 09 j 10:26	21° $\Pi$ 44'15	1°48'05	max. Earth dist.	-2983 Jun 28 j 01:46	15° $\Pi$ 36'39	1.36394 AU
	-2984 Jul 13 j 18:38	0° $\Omega$		evening rise	-2983 Jul 02 j 02:43	23° $\Pi$ 13'27	
max. Earth dist.	-2984 Jul 15 j 20:09	3° $\Omega$ 48'21	1.38203 AU		-2983 Jul 05 j 21:05	0° $\Omega$	
evening rise	-2984 Jul 19 j 16:40	10° $\Omega$ 42'02		desc. node	-2983 Jul 21 j 23:54	25° $\Omega$ 40'35	
	-2984 Jul 31 j 09:43	0° $\Omega$					





Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-2981 May 24 j 15:18	9°  51'39	1.33753 AU		-2980 May 10 j 10:28	0° 	
evening rise	-2981 May 29 j 21:50	20°  41'03		evening rise	-2980 May 12 j 22:26	5°  11'15	
	-2981 Jun 03 j 17:57	0° 			-2980 May 26 j 09:31	0° 	
	-2981 Jun 22 j 11:39	0° 		desc. node	-2980 Jun 11 j 14:57	22° 	12'20
desc. node	-2981 Jun 25 j 17:55	4° 	11'49	evening max el	-2980 Jun 14 j 05:01	24° 	49'48 27°20'23
evening max el	-2981 Jul 02 j 20:27	12° 	02'35 27°22'09		-2980 Jun 20 j 20:39	0° 	
retrograde	-2981 Jul 16 j 10:00	19° 	25'56	retrograde	-2980 Jun 28 j 01:22	2° 	11'49
evening set	-2981 Jul 23 j 12:59	16° 	41'41		-2980 Jul 04 j 19:09	30° 	11'49
min. Earth dist.	-2981 Jul 27 j 04:44	13° 	20'00 0.64138 AU	evening set	-2980 Jul 05 j 04:20	29° 	44'46
inferior conj	-2981 Jul 29 j 14:52	10° 	45'11 -3°32'24	min. Earth dist.	-2980 Jul 08 j 18:21	26° 	50'19 0.62409 AU
minimum elong	-2981 Jul 29 j 18:54	10° 	34'27 3°31'20	inferior conj	-2980 Jul 11 j 17:25	24° 	01'34 -4°06'37
morning rise	-2981 Aug 05 j 01:35	5° 	21'34	minimum elong	-2980 Jul 11 j 20:43	23° 	53'43 4°06'01
direct	-2981 Aug 07 j 18:09	4° 	44'45	morning rise	-2980 Jul 18 j 14:21	18° 	57'04
asc. node	-2981 Aug 10 j 23:29	5° 	37'34	direct	-2980 Jul 21 j 04:02	18° 	27'17
morning max el	-2981 Aug 14 j 06:38	8° 	11'40 18°01'07	asc. node	-2980 Jul 27 j 20:33	21° 	50'12
	-2981 Aug 28 j 20:09	0° 		morning max el	-2980 Jul 27 j 21:23	21° 	52'15 17°55'53
morning set	-2981 Aug 31 j 16:09	4° 	50'46		-2980 Aug 03 j 03:10	0° 	
				morning set	-2980 Aug 13 j 04:21	17° 	19'53
superior conj	-2981 Sep 13 j 16:23	26° 	36'33 0°50'14		-2980 Aug 20 j 07:35	0° 	
minimum elong	-2981 Sep 13 j 21:29	26° 	57'18 0°49'40	superior conj	-2980 Aug 24 j 08:31	6° 	58'10 1°23'16
	-2981 Sep 15 j 18:38	0° 		minimum elong	-2980 Aug 24 j 13:42	7° 	20'15 1°22'50
max. Earth dist.	-2981 Sep 18 j 20:02	4° 	54'03 1.44231 AU	max. Earth dist.	-2980 Aug 31 j 09:10	18° 	40'45 1.42987 AU
desc. node	-2981 Sep 21 j 17:24	9° 	28'55		-2980 Sep 07 j 11:12	0° 	
evening rise	-2981 Sep 29 j 23:44	22° 	22'13	desc. node	-2980 Sep 07 j 14:21	0° 	12'20
	-2981 Oct 04 j 22:58	0° 		evening rise	-2980 Sep 08 j 05:06	1° 	10'03
	-2981 Oct 26 j 04:37	0° 			-2980 Sep 27 j 13:28	0° 	
evening max el	-2981 Oct 27 j 02:34	0° 	58'27 20°18'11	evening max el	-2980 Oct 09 j 00:47	14° 	25'03 21°27'45
retrograde	-2981 Nov 03 j 23:11	5° 	35'52	retrograde	-2980 Oct 17 j 19:49	19° 	38'09
asc. node	-2981 Nov 06 j 22:32	4° 	44'45	evening set	-2980 Oct 21 j 23:51	18° 	01'25
evening set	-2981 Nov 07 j 16:04	4° 	16'18	asc. node	-2980 Oct 23 j 19:37	16° 	18'26
	-2981 Nov 11 j 18:08	30° 		inferior conj	-2980 Oct 27 j 08:23	11° 	48'03 1°11'34
inferior conj	-2981 Nov 13 j 03:01	28° 	11'08 2°00'48	minimum elong	-2980 Oct 27 j 06:47	11° 	53'32 1°10'54
minimum elong	-2981 Nov 13 j 00:31	28° 	19'31 1°59'50	min. Earth dist.	-2980 Oct 27 j 15:19	11° 	24'08 0.67307 AU
min. Earth dist.	-2981 Nov 13 j 21:05	27° 	10'22 0.66817 AU	morning rise	-2980 Nov 01 j 13:33	5° 	33'21
morning rise	-2981 Nov 18 j 08:45	21° 	56'50	direct	-2980 Nov 06 j 14:33	3° 	24'38
direct	-2981 Nov 24 j 00:59	19° 	27'32	morning max el	-2980 Nov 16 j 23:07	9° 	35'23 23°23'23
morning max el	-2981 Dec 05 j 14:02	26° 	20'05 24°49'36		-2980 Dec 03 j 00:42	0° 	
	-2981 Dec 08 j 23:33	0° 		desc. node	-2980 Dec 04 j 13:58	2° 	14'32
desc. node	-2981 Dec 18 j 16:58	12° 	25'19	morning set	-2980 Dec 21 j 22:19	29° 	23'51
	-2981 Dec 30 j 12:52	0° 			-2980 Dec 22 j 06:55	0° 	
morning set	-2980 Jan 10 j 16:40	18° 	40'28	max. Earth dist.	-2980 Dec 26 j 04:49	6° 	42'17 1.39324 AU
max. Earth dist.	-2980 Jan 14 j 09:29	25° 	21'00 1.37267 AU				
	-2980 Jan 16 j 21:27	0° 		superior conj	-2979 Jan 02 j 18:44	20° 	21'40 -1°55'00
superior conj	-2980 Jan 20 j 21:42	7° 	41'41 -1°44'12	minimum elong	-2979 Jan 02 j 20:11	20° 	28'23 1°55'04
minimum elong	-2980 Jan 21 j 00:43	7° 	56'25 1°44'03		-2979 Jan 07 j 20:58	0° 	
evening rise	-2980 Jan 29 j 07:38	24° 	27'20	evening rise	-2979 Jan 12 j 01:45	8° 	06'19
	-2980 Feb 01 j 02:58	0° 		asc. node	-2979 Jan 19 j 18:48	22° 	26'15
asc. node	-2980 Feb 02 j 21:45	3° 	25'26		-2979 Jan 24 j 15:25	0° 	
evening max el	-2980 Feb 15 j 08:40	21° 	58'11 19°21'36	evening max el	-2979 Jan 28 j 09:48	4° 	24'07 18°37'18
retrograde	-2980 Feb 24 j 11:05	26° 	18'24	retrograde	-2979 Feb 05 j 04:57	8° 	11'40
evening set	-2980 Feb 26 j 18:28	26° 	02'56	evening set	-2979 Feb 07 j 16:12	7° 	50'14
inferior conj	-2980 Mar 06 j 01:36	21° 	55'01 2°28'47	inferior conj	-2979 Feb 15 j 05:45	3° 	23'30 3°30'23
minimum elong	-2980 Mar 06 j 06:26	21° 	47'00 2°27'25	minimum elong	-2979 Feb 15 j 09:27	3° 	16'21 3°29'41
min. Earth dist.	-2980 Mar 08 j 21:40	20° 	03'02 0.56500 AU	min. Earth dist.	-2979 Feb 18 j 14:44	0° 	48'56 0.58244 AU
morning rise	-2980 Mar 14 j 15:39	17° 	04'32		-2979 Feb 19 j 18:23	30° 	
desc. node	-2980 Mar 15 j 16:00	16° 	45'10	morning rise	-2979 Feb 23 j 00:15	28° 	05'15
direct	-2980 Mar 19 j 08:57	16° 	13'23	direct	-2979 Feb 28 j 21:44	26° 	38'18
morning max el	-2980 Apr 02 j 12:05	23° 	25'38 24°58'53	desc. node	-2979 Mar 02 j 13:06	26° 	45'00
	-2980 Apr 08 j 09:40	0° 			-2979 Mar 10 j 04:49	0° 	
	-2980 Apr 26 j 09:47	0° 		morning max el	-2979 Mar 15 j 04:28	4° 	09'26 26°23'45
morning set	-2980 Apr 28 j 16:41	4° 	44'06		-2979 Apr 02 j 22:41	0° 	
asc. node	-2980 Apr 30 j 21:13	9° 	23'23	morning set	-2979 Apr 13 j 03:55	19° 	42'41
				asc. node	-2979 Apr 17 j 18:14	29° 	33'52
superior conj	-2980 May 05 j 17:01	19°	51'25 0°48'37		-2979 Apr 17 j 23:02	0°	
minimum elong	-2980 May 05 j 15:02	19°	40'42 0°48'16	superior conj	-2979 Apr 20 j 04:27	4°	52'14 0°25'14
max. Earth dist.	-2980 May 06 j 22:53	22°	53'25 1.33000 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2979 Apr 20 j 03:22	4° $\Upsilon$ 46'14	0°25'00	behind sun begin	-2978 Apr 04 j 11:03	19° $\Upsilon$ 23'57	
max. Earth dist.	-2979 Apr 20 j 11:15	5° $\Upsilon$ 29'27	1.32598 AU	behind sun end	-2978 Apr 04 j 21:05	20° $\Upsilon$ 18'48	
evening rise	-2979 Apr 27 j 04:54	19° $\Upsilon$ 58'10		asc. node	-2978 Apr 04 j 15:16	19° $\Upsilon$ 46'57	
	-2979 May 02 j 04:47	0° $\Upsilon$			-2978 Apr 09 j 07:46	0° $\Upsilon$	
	-2979 May 21 j 00:54	0° $\Pi$		evening rise	-2978 Apr 11 j 14:53	4° $\Upsilon$ 53'36	
evening max el	-2979 May 27 j 08:40	6° $\Pi$ 58'23	26°45'39		-2978 Apr 25 j 01:01	0° $\Upsilon$	
desc. node	-2979 May 29 j 12:01	8° $\Pi$ 53'49		evening max el	-2978 May 09 j 05:41	18° $\Upsilon$ 23'09	25°40'25
retrograde	-2979 Jun 10 j 09:00	14° $\Pi$ 16'57		desc. node	-2978 May 16 j 09:06	23° $\Upsilon$ 44'26	
evening set	-2979 Jun 17 j 01:27	12° $\Pi$ 20'26		retrograde	-2978 May 23 j 07:22	25° $\Upsilon$ 36'19	
min. Earth dist.	-2979 Jun 20 j 22:08	9° $\Pi$ 39'27	0.60425 AU	evening set	-2978 May 29 j 00:55	24° $\Upsilon$ 18'04	
inferior conj	-2979 Jun 24 j 05:54	6° $\Pi$ 53'51	-4°24'46	min. Earth dist.	-2978 Jun 02 j 17:56	21° $\Upsilon$ 33'26	0.58391 AU
minimum elong	-2979 Jun 24 j 06:58	6° $\Pi$ 51'39	4°24'38	inferior conj	-2978 Jun 06 j 00:40	19° $\Upsilon$ 12'02	-4°17'41
morning rise	-2979 Jul 01 j 14:21	2° $\Pi$ 10'49		minimum elong	-2978 Jun 05 j 22:06	19° $\Upsilon$ 16'42	4°17'24
direct	-2979 Jul 04 j 02:56	1° $\Pi$ 46'19		morning rise	-2978 Jun 13 j 21:58	14° $\Upsilon$ 51'02	
morning max el	-2979 Jul 11 j 09:21	5° $\Pi$ 18'59	18°09'51	direct	-2978 Jun 16 j 10:20	14° $\Upsilon$ 30'47	
asc. node	-2979 Jul 14 j 17:37	9° $\Pi$ 09'15		morning max el	-2978 Jun 24 j 15:39	18° $\Upsilon$ 23'24	18°43'50
morning set	-2979 Jul 27 j 08:59	0° $\Upsilon$ 37'19		asc. node	-2978 Jul 01 j 14:40	27° $\Upsilon$ 20'02	
	-2979 Jul 27 j 01:01	0° $\Upsilon$			-2978 Jul 03 j 05:38	0° $\Pi$	
				morning set	-2978 Jul 11 j 01:26	14° $\Pi$ 30'37	
superior conj	-2979 Aug 06 j 03:17	18° $\Upsilon$ 39'18	1°42'06		-2978 Jul 19 j 01:24	0° $\Upsilon$	
minimum elong	-2979 Aug 06 j 06:11	18° $\Upsilon$ 52'18	1°42'01				
	-2979 Aug 12 j 14:55	0° $\Omega$		superior conj	-2978 Jul 19 j 19:23	1° $\Upsilon$ 25'05	1°48'42
max. Earth dist.	-2979 Aug 13 j 17:12	1° $\Omega$ 51'27	1.41272 AU	minimum elong	-2978 Jul 19 j 19:47	1° $\Upsilon$ 26'58	1°48'47
evening rise	-2979 Aug 19 j 00:57	10° $\Omega$ 39'44		max. Earth dist.	-2978 Jul 26 j 20:16	14° $\Upsilon$ 17'41	1.39319 AU
desc. node	-2979 Aug 25 j 11:20	20° $\Omega$ 50'34		evening rise	-2978 Jul 30 j 21:37	21° $\Upsilon$ 20'02	
	-2979 Aug 31 j 12:27	0° $\Pi$			-2978 Aug 05 j 02:56	0° $\Omega$	
evening max el	-2979 Sep 21 j 17:17	27° $\Pi$ 52'13	22°45'35	desc. node	-2978 Aug 12 j 08:21	11° $\Omega$ 18'59	
	-2979 Sep 23 j 23:39	0° $\Omega$			-2978 Aug 25 j 13:09	0° $\Pi$	
retrograde	-2979 Oct 01 j 14:17	3° $\Omega$ 43'42		evening max el	-2978 Sep 04 j 05:38	11° $\Pi$ 20'39	24°06'10
evening set	-2979 Oct 06 j 07:26	1° $\Omega$ 47'59		retrograde	-2978 Sep 15 j 05:25	17° $\Pi$ 48'35	
	-2979 Oct 08 j 03:26	30° $\Pi$ 39'39		evening set	-2978 Sep 20 j 13:05	15° $\Pi$ 33'36	
asc. node	-2979 Oct 10 j 16:42	26° $\Pi$ 46'39		inferior conj	-2978 Sep 25 j 21:22	9° $\Pi$ 14'00	-0°34'38
inferior conj	-2979 Oct 11 j 15:05	25° $\Pi$ 29'47	0°19'13	minimum elong	-2978 Sep 25 j 22:11	9° $\Pi$ 11'13	0°34'15
minimum elong	-2979 Oct 11 j 14:38	25° $\Pi$ 31'20	0°19'03	min. Earth dist.	-2978 Sep 25 j 07:33	10° $\Pi$ 00'45	0.67355 AU
min. Earth dist.	-2979 Oct 11 j 11:37	25° $\Pi$ 41'44	0.67486 AU	asc. node	-2978 Sep 27 j 13:47	6° $\Pi$ 59'55	
morning rise	-2979 Oct 16 j 21:42	19° $\Pi$ 17'24		morning rise	-2978 Oct 01 j 07:16	3° $\Pi$ 06'42	
direct	-2979 Oct 21 j 08:03	17° $\Pi$ 30'43		direct	-2978 Oct 05 j 04:28	1° $\Pi$ 40'49	
morning max el	-2979 Oct 30 j 12:03	22° $\Pi$ 56'26	21°58'06	morning max el	-2978 Oct 13 j 07:35	6° $\Pi$ 25'48	20°40'40
	-2979 Nov 05 j 14:04	0° $\Omega$			-2978 Oct 30 j 20:47	0° $\Omega$	
desc. node	-2979 Nov 21 j 10:58	22° $\Omega$ 25'13		desc. node	-2978 Nov 08 j 07:58	12° $\Omega$ 50'35	
	-2979 Nov 26 j 10:07	0° $\Pi$		morning set	-2978 Nov 11 j 01:11	17° $\Omega$ 02'48	
morning set	-2979 Dec 01 j 23:08	8° $\Pi$ 43'34			-2978 Nov 19 j 05:59	0° $\Pi$	
max. Earth dist.	-2979 Dec 08 j 04:13	18° $\Pi$ 52'35	1.41374 AU	max. Earth dist.	-2978 Nov 20 j 10:46	1° $\Pi$ 56'02	1.43118 AU
	-2979 Dec 14 j 16:32	0° $\Upsilon$					
				superior conj	-2978 Nov 26 j 21:15	12° $\Pi$ 30'45	-1°41'08
superior conj	-2979 Dec 15 j 20:28	2° $\Upsilon$ 02'36	-1°55'19	minimum elong	-2978 Nov 26 j 15:31	12° $\Pi$ 06'51	1°40'45
minimum elong	-2979 Dec 15 j 18:44	1° $\Upsilon$ 54'57	1°55'22		-2978 Dec 07 j 01:35	0° $\Upsilon$	
evening rise	-2979 Dec 26 j 08:45	21° $\Upsilon$ 09'10		evening rise	-2978 Dec 09 j 00:39	3° $\Upsilon$ 27'15	
	-2979 Dec 31 j 04:23	0° $\Upsilon$		asc. node	-2978 Dec 24 j 12:54	28° $\Upsilon$ 33'07	
asc. node	-2978 Jan 06 j 15:51	10° $\Upsilon$ 52'21			-2978 Dec 25 j 19:50	0° $\Upsilon$	
evening max el	-2978 Jan 11 j 17:36	17° $\Upsilon$ 15'24	18°13'02	evening max el	-2978 Dec 26 j 05:10	0° $\Upsilon$ 23'59	18°08'30
retrograde	-2978 Jan 18 j 17:03	20° $\Upsilon$ 46'13		retrograde	-2977 Jan 01 j 19:20	3° $\Upsilon$ 51'40	
evening set	-2978 Jan 21 j 07:44	20° $\Upsilon$ 17'31		evening set	-2977 Jan 04 j 13:20	3° $\Upsilon$ 14'50	
inferior conj	-2978 Jan 28 j 06:09	15° $\Upsilon$ 29'09	3°57'10		-2977 Jan 09 j 01:23	30° $\Upsilon$ 37'	
minimum elong	-2978 Jan 28 j 07:13	15° $\Upsilon$ 26'46	3°57'02	inferior conj	-2977 Jan 10 j 23:44	28° $\Upsilon$ 05'29	3°57'21
min. Earth dist.	-2978 Jan 31 j 12:55	12° $\Upsilon$ 34'18	0.60260 AU	minimum elong	-2977 Jan 10 j 22:29	28° $\Upsilon$ 08'39	3°57'11
morning rise	-2978 Feb 04 j 05:02	9° $\Upsilon$ 50'32		min. Earth dist.	-2977 Jan 13 j 19:28	25° $\Upsilon$ 13'34	0.62235 AU
direct	-2978 Feb 10 j 21:55	7° $\Upsilon$ 45'24		morning rise	-2977 Jan 17 j 06:37	22° $\Upsilon$ 13'07	
desc. node	-2978 Feb 17 j 10:12	9° $\Upsilon$ 33'05		direct	-2977 Jan 24 j 07:33	19° $\Upsilon$ 38'10	
morning max el	-2978 Feb 25 j 02:36	15° $\Upsilon$ 26'24	27°21'22	desc. node	-2977 Feb 04 j 07:18	24° $\Upsilon$ 41'11	
	-2978 Mar 08 j 23:26	0° $\Upsilon$		morning max el	-2977 Feb 07 j 06:59	27° $\Upsilon$ 24'31	27°43'46
	-2978 Mar 26 j 07:13	0° $\Upsilon$			-2977 Feb 09 j 18:46	0° $\Upsilon$	
morning set	-2978 Mar 28 j 12:29	4° $\Upsilon$ 31'45			-2977 Mar 02 j 14:25	0° $\Upsilon$	
max. Earth dist.	-2978 Apr 04 j 00:34	18° $\Upsilon$ 26'34	1.32532 AU	morning set	-2977 Mar 12 j 16:19	19° $\Upsilon$ 04'07	
					-2977 Mar 17 j 21:43	0° $\Upsilon$	
				max. Earth dist.	-2977 Mar 18 j 10:51	1° $\Upsilon$ 10'30	1.32817 AU
superior conj	-2978 Apr 04 j 16:05	19° $\Upsilon$ 51'28	0°00'22				
minimum elong	-2978 Apr 04 j 16:04	19° $\Upsilon$ 51'22	0°00'20				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2977 Mar 20 j 02:15	4° $\text{H}$ 43'19	-0°25'10	superior conj	-2976 Mar 03 j 09:05	19° $\approx$ 20'45	-0°50'23
minimum elong	-2977 Mar 20 j 03:24	4° $\text{H}$ 49'32	0°24'57	minimum elong	-2976 Mar 03 j 11:20	19° $\approx$ 32'41	0°50'00
asc. node	-2977 Mar 22 j 12:18	9° $\text{H}$ 58'38		asc. node	-2976 Mar 08 j 09:19	0° $\text{H}$ 04'00	
evening rise	-2977 Mar 27 j 02:29	19° $\text{H}$ 50'41			-2976 Mar 08 j 08:34	0° $\text{H}$	
	-2977 Apr 01 j 02:20	0° $\text{Y}$		evening rise	-2976 Mar 10 j 13:50	4° $\text{H}$ 42'01	
evening max el	-2977 Apr 20 j 21:48	29° $\text{Y}$ 14'30	24°13'51		-2976 Mar 24 j 10:38	0° $\text{Y}$	
	-2977 Apr 21 j 17:16	0° $\text{B}$		evening max el	-2976 Apr 01 j 14:25	9° $\text{Y}$ 55'36	22°39'27
desc. node	-2977 May 03 j 06:12	6° $\text{B}$ 07'58		retrograde	-2976 Apr 14 j 17:14	16° $\text{Y}$ 21'43	
retrograde	-2977 May 04 j 18:42	6° $\text{B}$ 13'17		evening set	-2976 Apr 17 j 19:55	16° $\text{Y}$ 00'29	
evening set	-2977 May 09 j 03:57	5° $\text{B}$ 30'14		desc. node	-2976 Apr 19 j 03:18	15° $\text{Y}$ 39'36	
min. Earth dist.	-2977 May 15 j 09:25	2° $\text{B}$ 26'55	0.56611 AU	min. Earth dist.	-2976 Apr 25 j 23:31	12° $\text{Y}$ 26'59	0.55437 AU
inferior conj	-2977 May 17 j 23:28	0° $\text{B}$ 49'28	-3°34'38	inferior conj	-2976 Apr 27 j 03:59	11° $\text{Y}$ 46'12	-2°09'59
minimum elong	-2977 May 17 j 17:38	0° $\text{B}$ 58'42	3°33'22	minimum elong	-2976 Apr 26 j 22:32	11° $\text{Y}$ 54'02	2°08'15
	-2977 May 19 j 07:13	30° $\text{R}$ $\text{Y}$		morning rise	-2976 May 06 j 03:10	7° $\text{Y}$ 49'49	
morning rise	-2977 May 26 j 10:26	26° $\text{Y}$ 46'19		direct	-2976 May 08 j 18:04	7° $\text{Y}$ 33'48	
direct	-2977 May 28 j 22:47	26° $\text{Y}$ 29'25		morning max el	-2976 May 20 j 00:52	12° $\text{Y}$ 49'55	20°52'39
	-2977 Jun 06 j 11:39	0° $\text{B}$			-2976 Jun 01 j 09:53	0° $\text{B}$	
morning max el	-2977 Jun 07 j 13:34	0° $\text{B}$ 56'55	19°38'17	asc. node	-2976 Jun 04 j 08:46	5° $\text{B}$ 31'01	
asc. node	-2977 Jun 18 j 11:44	16° $\text{B}$ 10'51		morning set	-2976 Jun 08 j 08:54	13° $\text{B}$ 31'43	
morning set	-2977 Jun 25 j 02:19	28° $\text{B}$ 51'27					
	-2977 Jun 25 j 15:58	0° $\text{II}$		superior conj	-2976 Jun 15 j 22:10	29° $\text{B}$ 10'02	1°35'43
superior conj	-2977 Jul 03 j 03:13	15° $\text{II}$ 00'07	1°45'47	minimum elong	-2976 Jun 15 j 19:47	28° $\text{B}$ 57'49	1°35'35
minimum elong	-2977 Jul 03 j 01:49	14° $\text{II}$ 53'10	1°45'49		-2976 Jun 16 j 07:56	0° $\text{II}$	
max. Earth dist.	-2977 Jul 08 j 22:44	26° $\text{II}$ 11'00	1.37395 AU	max. Earth dist.	-2976 Jun 20 j 07:08	7° $\text{II}$ 58'18	1.35709 AU
	-2977 Jul 11 j 00:19	0° $\text{B}$		evening rise	-2976 Jun 24 j 13:24	16° $\text{II}$ 10'21	
evening rise	-2977 Jul 12 j 19:21	3° $\text{B}$ 14'31			-2976 Jul 02 j 07:06	0° $\text{B}$	
	-2977 Jul 29 j 04:16	0° $\text{O}$		desc. node	-2976 Jul 16 j 02:22	21° $\text{B}$ 24'02	
desc. node	-2977 Jul 30 j 05:21	1° $\text{O}$ 32'35			-2976 Jul 22 j 14:33	0° $\text{O}$	
evening max el	-2977 Aug 17 j 16:27	24° $\text{O}$ 52'14	25°22'16	evening max el	-2976 Jul 30 j 03:40	8° $\text{O}$ 24'25	26°25'58
	-2977 Aug 24 j 00:54	0° $\text{M}$		retrograde	-2976 Aug 11 j 22:34	15° $\text{O}$ 38'14	
retrograde	-2977 Aug 29 j 16:26	1° $\text{M}$ 48'44		evening set	-2976 Aug 18 j 10:58	12° $\text{O}$ 54'16	
	-2977 Sep 03 j 17:23	30° $\text{R}$ $\text{O}$		min. Earth dist.	-2976 Aug 22 j 12:54	8° $\text{O}$ 35'01	0.66125 AU
evening set	-2977 Sep 04 j 14:58	29° $\text{O}$ 16'40		inferior conj	-2976 Aug 24 j 01:37	6° $\text{O}$ 42'36	-2°20'16
min. Earth dist.	-2977 Sep 09 j 00:47	24° $\text{O}$ 19'40	0.66911 AU	minimum elong	-2976 Aug 24 j 04:51	6° $\text{O}$ 32'43	2°19'03
inferior conj	-2977 Sep 10 j 01:30	22° $\text{O}$ 59'14	-1°28'24	morning rise	-2976 Aug 29 j 23:00	0° $\text{O}$ 54'25	
minimum elong	-2977 Sep 10 j 03:37	22° $\text{O}$ 52'23	1°27'30	asc. node	-2976 Aug 31 j 07:58	0° $\text{O}$ 17'16	
asc. node	-2977 Sep 14 j 10:53	17° $\text{O}$ 56'49		direct	-2976 Sep 02 j 00:32	0° $\text{O}$ 00'59	
morning rise	-2977 Sep 15 j 16:22	16° $\text{O}$ 59'54		morning max el	-2976 Sep 08 j 19:36	3° $\text{O}$ 48'48	18°45'41
direct	-2977 Sep 19 j 02:33	15° $\text{O}$ 51'57			-2976 Sep 26 j 20:59	0° $\text{M}$	
morning max el	-2977 Sep 26 j 10:26	20° $\text{O}$ 04'04	19°35'37	morning set	-2976 Sep 29 j 20:23	4° $\text{M}$ 44'48	
	-2977 Oct 04 j 07:22	0° $\text{M}$		desc. node	-2976 Oct 12 j 01:55	24° $\text{M}$ 07'54	
morning set	-2977 Oct 21 j 00:56	25° $\text{M}$ 22'58		superior conj	-2976 Oct 15 j 20:48	0° $\text{O}$ 05'51	-0°24'04
	-2977 Oct 24 j 00:08	0° $\text{O}$		minimum elong	-2976 Oct 15 j 17:38	29° $\text{M}$ 53'23	0°23'39
desc. node	-2977 Oct 26 j 04:56	3° $\text{O}$ 26'03		max. Earth dist.	-2976 Oct 15 j 16:55	29° $\text{M}$ 50'33	1.44863 AU
max. Earth dist.	-2977 Nov 02 j 23:44	15° $\text{O}$ 40'46	1.44329 AU		-2976 Oct 15 j 19:19	0° $\text{O}$	
superior conj	-2977 Nov 06 j 18:43	21° $\text{O}$ 43'25	-1°09'45	evening rise	-2976 Oct 31 j 17:22	25° $\text{O}$ 14'44	
minimum elong	-2977 Nov 06 j 11:28	21° $\text{O}$ 14'23	1°08'58		-2976 Nov 03 j 16:30	0° $\text{M}$	
	-2977 Nov 11 j 21:35	0° $\text{M}$		evening max el	-2976 Nov 22 j 04:52	27° $\text{M}$ 08'53	18°55'08
evening rise	-2977 Nov 20 j 20:52	14° $\text{M}$ 51'37			-2976 Nov 25 j 15:57	0° $\text{J}$	
	-2977 Nov 29 j 22:36	0° $\text{J}$		asc. node	-2976 Nov 27 j 07:02	0° $\text{J}$ 44'39	
evening max el	-2977 Dec 09 j 17:47	13° $\text{J}$ 43'30	18°22'55	retrograde	-2976 Nov 29 j 01:07	1° $\text{J}$ 01'45	
asc. node	-2977 Dec 11 j 09:58	15° $\text{J}$ 15'33		evening set	-2976 Dec 02 j 05:04	0° $\text{J}$ 04'15	
retrograde	-2977 Dec 16 j 07:16	17° $\text{J}$ 19'00			-2976 Dec 02 j 07:51	30° $\text{R}$ $\text{M}$	
evening set	-2977 Dec 19 j 05:28	16° $\text{J}$ 32'45		inferior conj	-2976 Dec 07 j 23:10	24° $\text{M}$ 19'08	3°07'22
inferior conj	-2977 Dec 25 j 06:35	11° $\text{J}$ 04'19	3°38'49	minimum elong	-2976 Dec 07 j 20:06	24° $\text{M}$ 28'37	3°06'30
minimum elong	-2977 Dec 25 j 03:58	11° $\text{J}$ 11'43	3°38'17	min. Earth dist.	-2976 Dec 09 j 13:38	22° $\text{M}$ 20'34	0.65367 AU
min. Earth dist.	-2977 Dec 27 j 11:47	8° $\text{J}$ 33'36	0.63973 AU	morning rise	-2976 Dec 13 j 10:49	18° $\text{M}$ 10'56	
morning rise	-2977 Dec 31 j 01:54	5° $\text{J}$ 02'36		direct	-2976 Dec 20 j 00:59	15° $\text{M}$ 20'30	
direct	-2976 Jan 07 j 01:03	2° $\text{J}$ 12'25		morning max el	-2975 Jan 02 j 00:48	22° $\text{M}$ 54'40	26°44'46
morning max el	-2976 Jan 20 j 15:17	9° $\text{J}$ 57'43	27°29'58	desc. node	-2975 Jan 08 j 01:23	29° $\text{M}$ 37'59	
desc. node	-2976 Jan 22 j 04:21	11° $\text{J}$ 32'47			-2975 Jan 08 j 08:35	0° $\text{J}$	
	-2976 Feb 05 j 10:13	0° $\text{B}$		morning set	-2975 Jan 28 j 16:37	0° $\text{B}$	
	-2976 Feb 22 j 21:54	0° $\approx$		max. Earth dist.	-2975 Feb 06 j 22:16	16° $\text{B}$ 38'08	
morning set	-2976 Feb 24 j 12:42	3° $\approx$ 09'47			-2975 Feb 11 j 06:36	25° $\text{B}$ 07'44	1.34628 AU
max. Earth dist.	-2976 Feb 29 j 13:57	13° $\approx$ 26'31	1.33501 AU		-2975 Feb 13 j 16:21	0° $\approx$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2975 Feb 15 j 10:32	3° $\approx$ 37'12	-1°14'04			-2974 Jan 21 j 02:15	0° $\approx$	
minimum elong	-2975 Feb 15 j 13:36	3° $\approx$ 53'05	1°13'39	max. Earth dist.		-2974 Jan 24 j 11:45	6° $\approx$ 19'53	1.36199 AU
evening rise	-2975 Feb 22 j 23:12	19° $\approx$ 21'50						
asc. node	-2975 Feb 23 j 06:20	19° $\approx$ 58'44		superior conj		-2974 Jan 30 j 03:51	17° $\approx$ 23'56	-1°34'37
	-2975 Feb 28 j 06:58	0° $\approx$		minimum elong		-2974 Jan 30 j 07:09	17° $\approx$ 40'28	1°34'21
evening max el	-2975 Mar 14 j 13:44	20° $\approx$ 53'34	21°10'26			-2974 Feb 05 j 08:43	0° $\approx$	
retrograde	-2975 Mar 26 j 06:48	26° $\approx$ 30'45		evening rise		-2974 Feb 07 j 04:33	3° $\approx$ 43'17	
evening set	-2975 Mar 28 j 16:30	26° $\approx$ 17'24		asc. node		-2974 Feb 10 j 03:21	9° $\approx$ 37'24	
desc. node	-2975 Apr 06 j 00:22	22° $\approx$ 50'40				-2974 Feb 22 j 16:37	0° $\approx$	
inferior conj	-2975 Apr 06 j 23:07	22° $\approx$ 18'39	-0°15'55	evening max el		-2974 Feb 24 j 23:16	2° $\approx$ 24'25	19°55'55
minimum elong	-2975 Apr 06 j 22:22	22° $\approx$ 19'43	0°15'41	retrograde		-2974 Mar 06 j 23:39	7° $\approx$ 10'24	
transit middle	-2975 Apr 06 j 22:22	22° $\approx$ 19'43	0°15'41	evening set		-2974 Mar 09 j 05:51	6° $\approx$ 56'56	
transit begin	-2975 Apr 06 j 21:47	22° $\approx$ 20'32		inferior conj		-2974 Mar 17 j 23:02	2° $\approx$ 55'52	1°36'26
transit end	-2975 Apr 06 j 22:56	22° $\approx$ 18'53		minimum elong		-2974 Mar 18 j 02:53	2° $\approx$ 49'56	1°35'10
min. Earth dist.	-2975 Apr 07 j 13:20	21° $\approx$ 58'33	0.55135 AU	min. Earth dist.		-2974 Mar 20 j 03:22	1° $\approx$ 35'52	0.55766 AU
morning rise	-2975 Apr 16 j 03:57	18° $\approx$ 12'24				-2974 Mar 22 j 23:35	30° $\approx$	
direct	-2975 Apr 19 j 05:54	17° $\approx$ 51'42		desc. node		-2974 Mar 23 j 21:27	29° $\approx$ 33'09	
morning max el	-2975 May 02 j 01:20	24° $\approx$ 00'41	22°23'36	morning rise		-2974 Mar 26 j 21:48	28° $\approx$ 23'46	
	-2975 May 07 j 10:15	0° $\approx$		direct		-2974 Mar 30 j 22:20	27° $\approx$ 48'03	
asc. node	-2975 May 22 j 05:48	25° $\approx$ 12'53				-2974 Apr 07 j 14:41	0° $\approx$	
morning set	-2975 May 23 j 19:05	28° $\approx$ 25'11		morning max el		-2974 Apr 13 j 18:11	4° $\approx$ 41'12	24°03'05
	-2975 May 24 j 13:14	0° $\approx$				-2974 May 01 j 12:59	0° $\approx$	
				morning set		-2974 May 08 j 07:02	13° $\approx$ 25'54	
superior conj	-2975 May 31 j 00:48	13° $\approx$ 44'27	1°20'21	asc. node		-2974 May 09 j 02:50	15° $\approx$ 10'12	
minimum elong	-2975 May 30 j 22:10	13° $\approx$ 30'32	1°20'03					
max. Earth dist.	-2975 Jun 03 j 01:22	20° $\approx$ 03'33	1.34367 AU	superior conj		-2974 May 15 j 08:29	28° $\approx$ 35'06	1°01'04
evening rise	-2975 Jun 07 j 22:35	29° $\approx$ 52'46		minimum elong		-2974 May 15 j 06:09	28° $\approx$ 22'30	1°00'42
	-2975 Jun 08 j 00:04	0° $\approx$				-2974 May 16 j 00:15	0° $\approx$	
	-2975 Jun 25 j 08:42	0° $\approx$		max. Earth dist.		-2974 May 17 j 04:59	2° $\approx$ 33'56	1.33393 AU
desc. node	-2975 Jul 02 j 23:24	10° $\approx$ 43'52		evening rise		-2974 May 22 j 18:34	14° $\approx$ 08'42	
evening max el	-2975 Jul 12 j 15:18	21° $\approx$ 48'58	27°09'15			-2974 May 31 j 03:02	0° $\approx$	
retrograde	-2975 Jul 25 j 23:13	29° $\approx$ 09'58		desc. node		-2974 Jun 19 j 20:26	29° $\approx$ 18'49	
evening set	-2975 Aug 01 j 22:28	26° $\approx$ 22'40				-2974 Jun 20 j 10:37	0° $\approx$	
min. Earth dist.	-2975 Aug 05 j 17:27	22° $\approx$ 41'02	0.64975 AU	evening max el		-2974 Jun 25 j 01:38	4° $\approx$ 53'33	27°25'18
inferior conj	-2975 Aug 07 j 19:30	20° $\approx$ 20'00	-3°08'01	retrograde		-2974 Jul 08 j 18:02	12° $\approx$ 16'01	
minimum elong	-2975 Aug 07 j 23:26	20° $\approx$ 08'54	3°06'47	evening set		-2974 Jul 15 j 22:20	9° $\approx$ 37'16	
morning rise	-2975 Aug 14 j 00:56	14° $\approx$ 46'23		min. Earth dist.		-2974 Jul 19 j 12:39	6° $\approx$ 28'43	0.63446 AU
direct	-2975 Aug 16 j 20:13	14° $\approx$ 04'12		inferior conj		-2974 Jul 22 j 04:34	3° $\approx$ 46'26	-3°48'27
asc. node	-2975 Aug 18 j 05:03	14° $\approx$ 14'14		minimum elong		-2974 Jul 22 j 08:26	3° $\approx$ 36'34	3°47'33
morning max el	-2975 Aug 23 j 08:59	17° $\approx$ 36'07	18°12'21			-2974 Jul 26 j 07:12	30° $\approx$	
	-2975 Sep 01 j 10:23	0° $\approx$		morning rise		-2974 Jul 28 j 19:28	28° $\approx$ 30'40	
morning set	-2975 Sep 10 j 19:33	15° $\approx$ 27'38		direct		-2974 Jul 31 j 10:41	27° $\approx$ 56'59	
	-2975 Sep 19 j 15:41	0° $\approx$		asc. node		-2974 Aug 05 j 02:07	29° $\approx$ 41'52	
						-2974 Aug 05 j 11:37	0° $\approx$	
superior conj	-2975 Sep 24 j 23:55	8° $\approx$ 35'42	0°25'13	morning max el		-2974 Aug 07 j 00:08	1° $\approx$ 21'36	17°56'40
minimum elong	-2975 Sep 25 j 02:58	8° $\approx$ 47'53	0°24'52	morning set		-2974 Aug 23 j 19:55	27° $\approx$ 22'53	
max. Earth dist.	-2975 Sep 28 j 11:22	14° $\approx$ 07'08	1.44667 AU			-2974 Aug 25 j 07:58	0° $\approx$	
desc. node	-2975 Sep 28 j 22:52	14° $\approx$ 52'32						
	-2975 Oct 08 j 14:31	0° $\approx$		superior conj		-2974 Sep 05 j 00:14	18° $\approx$ 10'30	1°06'01
evening rise	-2975 Oct 11 j 13:54	4° $\approx$ 37'36		minimum elong		-2974 Sep 05 j 05:51	18° $\approx$ 33'43	1°05'27
greatest brilliancy	-2975 Oct 24 j 00:40	23° $\approx$ 47'03	-0.7m	max. Earth dist.		-2974 Sep 11 j 03:34	28° $\approx$ 11'09	1.43773 AU
	-2975 Oct 28 j 05:36	0° $\approx$				-2974 Sep 12 j 06:45	0° $\approx$	
evening max el	-2975 Nov 05 j 12:04	10° $\approx$ 35'30	19°43'43	desc. node		-2974 Sep 15 j 19:50	5° $\approx$ 37'26	
retrograde	-2975 Nov 12 j 21:52	14° $\approx$ 54'16		evening rise		-2974 Sep 20 j 19:43	13° $\approx$ 24'59	
asc. node	-2975 Nov 14 j 04:06	14° $\approx$ 45'06				-2974 Oct 01 j 17:42	0° $\approx$	
evening set	-2975 Nov 16 j 09:30	13° $\approx$ 43'17		evening max el		-2974 Oct 19 j 13:43	24° $\approx$ 01'48	20°46'25
inferior conj	-2975 Nov 21 j 22:33	7° $\approx$ 44'25	2°26'58	retrograde		-2974 Oct 27 j 19:12	28° $\approx$ 53'51	
minimum elong	-2975 Nov 21 j 19:42	7° $\approx$ 53'45	2°25'59	evening set		-2974 Oct 31 j 16:38	27° $\approx$ 27'02	
min. Earth dist.	-2975 Nov 22 j 23:31	6° $\approx$ 22'31	0.66390 AU	asc. node		-2974 Nov 01 j 01:11	27° $\approx$ 10'20	
morning rise	-2975 Nov 27 j 05:41	1° $\approx$ 31'51		inferior conj		-2974 Nov 06 j 02:20	21° $\approx$ 17'43	1°40'22
	-2975 Nov 29 j 07:26	30° $\approx$		minimum elong		-2974 Nov 06 j 00:11	21° $\approx$ 25'02	1°39'31
direct	-2975 Dec 03 j 06:30	28° $\approx$ 52'49		min. Earth dist.		-2974 Nov 06 j 15:26	20° $\approx$ 33'05	0.67065 AU
	-2975 Dec 07 j 14:32	0° $\approx$		morning rise		-2974 Nov 11 j 07:34	15° $\approx$ 03'02	
morning max el	-2975 Dec 15 j 09:52	6° $\approx$ 03'43	25°36'06	direct		-2974 Nov 16 j 17:14	12° $\approx$ 42'24	
desc. node	-2975 Dec 25 j 22:24	18° $\approx$ 34'24		morning max el		-2974 Nov 27 j 18:34	19° $\approx$ 17'58	24°13'25
	-2974 Jan 02 j 23:58	0° $\approx$				-2974 Dec 06 j 20:40	0° $\approx$	
morning set	-2974 Jan 20 j 16:21	29° $\approx$ 14'48		desc. node		-2974 Dec 12 j 19:26	8° $\approx$ 07'20	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2974 Dec 27 j 03:44	0°♊		morning set	-2973 Dec 14 j 06:42	20°♊51'50	
morning set	-2973 Jan 02 j 13:08	10°♊44'03		max. Earth dist.	-2973 Dec 19 j 04:45	29°♊06'15	1.40206 AU
max. Earth dist.	-2973 Jan 06 j 08:45	17°♊27'55	1.38126 AU		-2973 Dec 19 j 17:18	0°♊	
superior conj	-2973 Jan 13 j 09:33	0°♋31'13	-1°49'50	superior conj	-2973 Dec 26 j 23:03	12°♋47'29	-1°56'40
minimum elong	-2973 Jan 13 j 12:05	0°♋43'22	1°49'47	minimum elong	-2973 Dec 26 j 23:20	12°♋48'47	1°56'46
	-2973 Jan 13 j 03:01	0°♋			-2972 Jan 05 j 03:54	0°♋	
evening rise	-2973 Jan 22 j 03:36	17°♋39'48		evening rise	-2972 Jan 05 j 17:27	1°♋04'19	
asc. node	-2973 Jan 28 j 00:23	28°♋54'05		asc. node	-2972 Jan 14 j 21:26	17°♋41'24	
	-2973 Jan 28 j 14:58	0°♌		evening max el	-2972 Jan 21 j 23:33	27°♋09'23	18°24'37
evening max el	-2973 Feb 07 j 19:12	14°♌31'26	19°00'14		-2972 Jan 25 j 21:58	0°♌	
retrograde	-2973 Feb 16 j 07:11	18°♌36'16		retrograde	-2972 Jan 29 j 09:09	0°♌48'09	
evening set	-2973 Feb 18 j 16:02	18°♌18'35		evening set	-2972 Jan 31 j 21:47	0°♌23'54	
inferior conj	-2973 Feb 26 j 15:29	14°♌03'02	2°59'33		-2972 Feb 01 j 23:24	30°♌♋	
minimum elong	-2973 Feb 26 j 20:11	13°♌54'43	2°58'25	inferior conj	-2972 Feb 08 j 04:33	25°♋48'22	3°45'33
min. Earth dist.	-2973 Mar 01 j 19:00	11°♌50'41	0.57181 AU	minimum elong	-2972 Feb 08 j 07:11	25°♋42'57	3°45'10
morning rise	-2973 Mar 06 j 21:35	8°♌59'42		min. Earth dist.	-2972 Feb 11 j 14:14	23°♋01'50	0.59078 AU
desc. node	-2973 Mar 10 j 18:34	7°♌59'07		morning rise	-2972 Feb 15 j 14:22	20°♋20'13	
direct	-2973 Mar 12 j 03:11	7°♌54'40		direct	-2972 Feb 21 j 21:23	18°♋36'23	
morning max el	-2973 Mar 26 j 09:17	15°♌16'38	25°37'40	desc. node	-2972 Feb 25 j 15:39	19°♋12'12	
	-2973 Apr 07 j 04:29	0°♍		morning max el	-2972 Mar 07 j 04:00	26°♋13'30	26°52'14
morning set	-2973 Apr 22 j 19:02	28°♍27'15			-2972 Mar 10 j 17:36	0°♍	
	-2973 Apr 23 j 12:37	0°♎			-2972 Mar 30 j 11:31	0°♍	
asc. node	-2973 Apr 25 j 23:50	5°♎17'17		morning set	-2972 Apr 06 j 05:24	13°♍23'06	
				asc. node	-2972 Apr 11 j 20:53	25°♍29'49	
superior conj	-2973 Apr 29 j 19:05	13°♎34'16	0°38'56	superior conj	-2972 Apr 13 j 06:51	28°♍35'46	0°14'50
minimum elong	-2973 Apr 29 j 17:27	13°♎25'21	0°38'37	minimum elong	-2972 Apr 13 j 06:12	28°♍32'10	0°14'42
max. Earth dist.	-2973 Apr 30 j 15:04	15°♎23'11	1.32783 AU	behind sun begin	-2972 Apr 13 j 04:22	28°♍22'11	
evening rise	-2973 May 06 j 21:57	28°♎46'50		behind sun end	-2972 Apr 13 j 08:01	28°♍42'09	
	-2973 May 07 j 12:12	0°♏		max. Earth dist.	-2972 Apr 13 j 04:11	28°♍21'06	1.32522 AU
	-2973 May 24 j 08:42	0°♏			-2972 Apr 13 j 22:14	0°♎	
desc. node	-2973 Jun 06 j 17:32	16°♏49'10		evening rise	-2972 Apr 20 j 06:11	13°♎38'38	
evening max el	-2973 Jun 07 j 08:09	17°♏24'36	27°09'32		-2972 Apr 28 j 14:21	0°♏	
retrograde	-2973 Jun 21 j 06:22	24°♏45'56		evening max el	-2972 May 19 j 08:58	29°♏14'29	26°21'14
evening set	-2973 Jun 28 j 06:30	22°♏30'00			-2972 May 20 j 04:27	0°♏	
min. Earth dist.	-2973 Jul 01 j 21:48	19°♏43'36	0.61587 AU	desc. node	-2972 May 23 j 14:36	2°♏47'59	
inferior conj	-2973 Jul 05 j 01:34	16°♏53'27	-4°16'45	retrograde	-2972 Jun 02 j 10:46	6°♏31'59	
minimum elong	-2973 Jul 05 j 04:07	16°♏47'42	4°16'24	evening set	-2972 Jun 08 j 18:44	4°♏51'18	
morning rise	-2973 Jul 12 j 03:18	11°♏58'16		min. Earth dist.	-2972 Jun 12 j 22:04	2°♏10'39	0.59550 AU
direct	-2973 Jul 14 j 16:20	11°♏30'58			-2972 Jun 15 j 17:03	30°♏♎	
morning max el	-2973 Jul 21 j 14:10	14°♏57'41	17°59'30	inferior conj	-2972 Jun 16 j 06:58	29°♏32'28	-4°25'29
asc. node	-2973 Jul 22 j 23:11	16°♏24'41		minimum elong	-2972 Jun 16 j 06:36	29°♏33'11	4°25'25
	-2973 Jul 31 j 23:38	0°♐		morning rise	-2972 Jun 23 j 20:45	24°♏58'57	
morning set	-2973 Aug 06 j 15:44	10°♐13'56		direct	-2972 Jun 26 j 08:59	24°♏36'31	
superior conj	-2973 Aug 17 j 04:15	29°♐07'37	1°32'54	morning max el	-2972 Jul 04 j 00:07	28°♏16'20	18°21'45
minimum elong	-2973 Aug 17 j 08:36	29°♐26'32	1°32'38		-2972 Jul 05 j 15:50	0°♑	
	-2973 Aug 17 j 16:19	0°♑		asc. node	-2972 Jul 08 j 20:15	4°♑07'23	
max. Earth dist.	-2973 Aug 24 j 14:24	11°♑43'00	1.42300 AU	morning set	-2972 Jul 20 j 01:52	23°♑47'28	
evening rise	-2973 Aug 31 j 05:09	22°♑24'29			-2972 Jul 23 j 08:00	0°♑	
desc. node	-2973 Sep 02 j 16:50	26°♑18'58		superior conj	-2972 Jul 29 j 08:48	11°♑17'59	1°46'13
	-2973 Sep 05 j 01:54	0°♒		minimum elong	-2972 Jul 29 j 10:35	11°♑26'10	1°46'15
	-2973 Sep 25 j 23:32	0°♒		max. Earth dist.	-2972 Aug 05 j 19:27	24°♑32'10	1.40456 AU
evening max el	-2973 Oct 02 j 09:14	7°♒27'37	22°00'06		-2972 Aug 09 j 00:44	0°♒	
retrograde	-2973 Oct 11 j 15:14	12°♒57'36		evening rise	-2972 Aug 10 j 10:59	2°♒22'19	
evening set	-2973 Oct 16 j 00:34	11°♒12'56		desc. node	-2972 Aug 19 j 13:51	16°♒53'24	
asc. node	-2973 Oct 18 j 22:15	8°♒11'19			-2972 Aug 28 j 10:19	0°♒	
inferior conj	-2973 Oct 21 j 08:31	4°♒56'48	0°49'39	evening max el	-2972 Sep 13 j 23:41	20°♒54'51	23°20'00
minimum elong	-2973 Oct 21 j 07:23	5°♒00'43	0°49'10	retrograde	-2972 Sep 24 j 08:27	27°♒02'47	
min. Earth dist.	-2973 Oct 21 j 10:57	4°♒48'23	0.67416 AU	evening set	-2972 Sep 29 j 07:32	24°♒59'02	
	-2973 Oct 25 j 05:42	30°♒♑		inferior conj	-2972 Oct 04 j 15:15	18°♒39'46	-0°03'31
morning rise	-2973 Oct 26 j 14:03	28°♒42'34		minimum elong	-2972 Oct 04 j 15:20	18°♒39'29	0°03'29
direct	-2973 Oct 31 j 08:33	26°♒43'23		transit middle	-2972 Oct 04 j 15:20	18°♒39'29	0°03'29
	-2973 Nov 07 j 09:50	0°♓		transit begin	-2972 Oct 04 j 12:41	18°♒48'34	
morning max el	-2973 Nov 10 j 05:01	2°♓35'32	22°46'30	transit end	-2972 Oct 04 j 17:59	18°♒30'25	
desc. node	-2973 Nov 29 j 16:27	28°♓06'18		min. Earth dist.	-2972 Oct 04 j 07:29	19°♒06'25	0.67465 AU
	-2973 Nov 30 j 23:03	0°♓					


































































































































Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2972 Oct 04 j 19:21	18° $\mathbb{M}$ 25'42				-2971 Sep 20 j 17:24	30° $\mathbb{R}$ $\mathcal{O}$	
morning rise	-2972 Oct 09 j 23:02	12° $\mathbb{M}$ 28'54		asc. node		-2971 Sep 21 j 16:25	28° $\mathcal{O}$ 51'15	
direct	-2972 Oct 14 j 03:34	10° $\mathbb{M}$ 51'11		morning rise		-2971 Sep 24 j 08:38	26° $\mathcal{O}$ 20'33	
morning max el	-2972 Oct 22 j 20:23	15° $\mathbb{M}$ 59'08	21°23'45	direct		-2971 Sep 28 j 00:59	25° $\mathcal{O}$ 02'29	
	-2972 Nov 03 j 00:47	0° $\mathcal{O}$		morning max el		-2971 Oct 05 j 18:57	29° $\mathcal{O}$ 32'06	20°11'15
desc. node	-2972 Nov 15 j 13:27	18° $\mathcal{O}$ 23'34				-2971 Oct 06 j 05:44	0° $\mathbb{M}$	
morning set	-2972 Nov 22 j 20:06	29° $\mathcal{O}$ 39'45				-2971 Oct 27 j 15:46	0° $\mathcal{O}$	
	-2972 Nov 23 j 01:14	0° $\mathbb{M}$		morning set		-2971 Nov 01 j 18:06	7° $\mathcal{O}$ 50'36	
max. Earth dist.	-2972 Nov 30 j 06:30	11° $\mathbb{M}$ 37'25	1.42164 AU	desc. node		-2971 Nov 02 j 10:26	8° $\mathcal{O}$ 53'53	
				max. Earth dist.		-2971 Nov 12 j 16:21	25° $\mathcal{O}$ 01'44	1.43714 AU
						-2971 Nov 15 j 18:23	0° $\mathbb{M}$	
superior conj	-2972 Dec 07 j 14:47	23° $\mathbb{M}$ 58'40	-1°51'19					
minimum elong	-2972 Dec 07 j 11:20	23° $\mathbb{M}$ 43'48	1°51'13					
	-2972 Dec 11 j 01:47	0° $\mathcal{O}$		superior conj		-2971 Nov 18 j 03:55	3° $\mathbb{M}$ 54'28	-1°29'56
evening rise	-2972 Dec 18 j 18:31	13° $\mathcal{O}$ 48'34		minimum elong		-2971 Nov 17 j 20:58	3° $\mathbb{M}$ 26'03	1°29'21
	-2972 Dec 27 j 22:33	0° $\mathcal{O}$		evening rise		-2971 Dec 01 j 02:37	25° $\mathbb{M}$ 44'54	
asc. node	-2972 Dec 31 j 18:30	5° $\mathcal{O}$ 49'30				-2971 Dec 03 j 13:38	0° $\mathcal{O}$	
evening max el	-2971 Jan 04 j 09:22	10° $\mathcal{O}$ 09'01	18°08'50	asc. node		-2971 Dec 18 j 15:32	23° $\mathcal{O}$ 7'08	
retrograde	-2971 Jan 11 j 03:36	13° $\mathcal{O}$ 36'39		evening max el		-2971 Dec 18 j 21:46	23° $\mathcal{O}$ 23'06	18°12'21
evening set	-2971 Jan 13 j 19:43	13° $\mathcal{O}$ 04'35		retrograde		-2971 Dec 25 j 10:28	26° $\mathcal{O}$ 52'32	
inferior conj	-2971 Jan 20 j 12:40	8° $\mathcal{O}$ 07'26	3°59'59	evening set		-2971 Dec 28 j 06:13	26° $\mathcal{O}$ 11'42	
minimum elong	-2971 Jan 20 j 12:39	8° $\mathcal{O}$ 07'27	3°59'53	inferior conj		-2970 Jan 03 j 12:20	20° $\mathcal{O}$ 53'48	3°51'21
min. Earth dist.	-2971 Jan 23 j 15:38	5° $\mathcal{O}$ 11'02	0.61119 AU	minimum elong		-2970 Jan 03 j 10:23	20° $\mathcal{O}$ 59'00	3°51'02
morning rise	-2971 Jan 27 j 04:14	2° $\mathcal{O}$ 22'32		min. Earth dist.		-2970 Jan 06 j 02:00	18° $\mathcal{O}$ 09'26	0.63020 AU
direct	-2971 Feb 03 j 02:08	0° $\mathcal{O}$ 02'52		morning rise		-2970 Jan 09 j 13:49	14° $\mathcal{O}$ 57'19	
desc. node	-2971 Feb 11 j 12:44	3° $\mathcal{O}$ 03'43		direct		-2970 Jan 16 j 15:08	12° $\mathcal{O}$ 14'12	
morning max el	-2971 Feb 17 j 04:40	7° $\mathcal{O}$ 46'45	27°35'22	desc. node		-2970 Jan 29 j 09:49	18° $\mathcal{O}$ 59'41	
	-2971 Mar 06 j 03:39	0° $\approx$		morning max el		-2970 Jan 30 j 10:51	19° $\mathcal{O}$ 59'59	27°42'08
morning set	-2971 Mar 21 j 12:11	28° $\approx$ 05'30				-2970 Feb 08 j 01:51	0° $\mathcal{O}$	
	-2971 Mar 22 j 10:19	0° $\mathcal{H}$				-2970 Feb 27 j 01:55	0° $\approx$	
max. Earth dist.	-2971 Mar 27 j 16:31	11° $\mathcal{H}$ 13'16	1.32607 AU	morning set		-2970 Mar 05 j 13:09	12° $\approx$ 26'52	
				max. Earth dist.		-2970 Mar 11 j 00:16	23° $\approx$ 46'31	1.33063 AU
superior conj	-2971 Mar 28 j 18:03	13° $\mathcal{H}$ 32'24	-0°10'26					
minimum elong	-2971 Mar 28 j 18:32	13° $\mathcal{H}$ 34'59	0°10'21	superior conj		-2970 Mar 13 j 03:00	28° $\approx$ 18'16	-0°35'58
behind sun begin	-2971 Mar 28 j 14:40	13° $\mathcal{H}$ 13'58		minimum elong		-2970 Mar 13 j 04:38	28° $\approx$ 27'03	0°35'40
behind sun end	-2971 Mar 28 j 22:23	13° $\mathcal{H}$ 56'01				-2970 Mar 13 j 21:52	0° $\mathcal{H}$	
asc. node	-2971 Mar 29 j 17:55	15° $\mathcal{H}$ 42'38		asc. node		-2970 Mar 16 j 14:55	5° $\mathcal{H}$ 51'42	
evening rise	-2971 Apr 04 j 17:04	28° $\mathcal{H}$ 35'23		evening rise		-2970 Mar 20 j 04:45	13° $\mathcal{H}$ 30'26	
	-2971 Apr 05 j 09:11	0° $\mathcal{Y}$				-2970 Mar 28 j 14:17	0° $\mathcal{Y}$	
	-2971 Apr 22 j 09:03	0° $\mathcal{B}$		evening max el		-2970 Apr 12 j 19:12	21° $\mathcal{Y}$ 06'28	23°33'44
evening max el	-2971 May 01 j 03:40	10° $\mathcal{B}$ 23'32	25°05'33	retrograde		-2970 Apr 26 j 09:52	27° $\mathcal{Y}$ 53'10	
desc. node	-2971 May 10 j 11:40	16° $\mathcal{B}$ 40'17		desc. node		-2970 Apr 27 j 08:44	27° $\mathcal{Y}$ 51'08	
retrograde	-2971 May 15 j 04:35	17° $\mathcal{B}$ 31'40		evening set		-2970 Apr 30 j 05:23	27° $\mathcal{Y}$ 21'14	
evening set	-2971 May 20 j 08:53	16° $\mathcal{B}$ 29'49		min. Earth dist.		-2970 May 07 j 06:06	24° $\mathcal{Y}$ 06'48	0.56022 AU
min. Earth dist.	-2971 May 25 j 15:50	13° $\mathcal{B}$ 38'36	0.57585 AU	inferior conj		-2970 May 09 j 07:43	22° $\mathcal{Y}$ 52'36	-3°03'38
inferior conj	-2971 May 28 j 17:23	11° $\mathcal{B}$ 34'06	-4°04'27	minimum elong		-2970 May 09 j 01:26	23° $\mathcal{Y}$ 02'03	3°01'57
minimum elong	-2971 May 28 j 13:12	11° $\mathcal{B}$ 41'15	4°03'49	morning rise		-2970 May 18 j 00:17	18° $\mathcal{Y}$ 54'11	
morning rise	-2971 Jun 05 j 20:24	7° $\mathcal{B}$ 21'04		direct		-2970 May 20 j 13:27	18° $\mathcal{Y}$ 37'56	
direct	-2971 Jun 08 j 08:40	7° $\mathcal{B}$ 02'23		morning max el		-2970 May 30 j 20:30	23° $\mathcal{Y}$ 24'23	20°07'38
morning max el	-2971 Jun 17 j 03:05	11° $\mathcal{B}$ 08'18	19°04'23			-2970 Jun 05 j 11:55	0° $\mathcal{B}$	
asc. node	-2971 Jun 25 j 17:19	22° $\mathcal{B}$ 36'31		asc. node		-2970 Jun 12 j 14:22	11° $\mathcal{B}$ 40'42	
	-2971 Jun 29 j 20:25	0° $\mathbb{I}$		morning set		-2970 Jun 18 j 01:52	22° $\mathcal{B}$ 23'30	
morning set	-2971 Jul 03 j 22:17	7° $\mathbb{I}$ 53'33				-2970 Jun 21 j 19:18	0° $\mathbb{I}$	
superior conj	-2971 Jul 12 j 08:12	24° $\mathbb{I}$ 26'11	1°48'28	superior conj		-2970 Jun 25 j 21:13	8° $\mathbb{I}$ 17'16	1°42'16
minimum elong	-2971 Jul 12 j 07:43	24° $\mathbb{I}$ 23'55	1°48'34	minimum elong		-2970 Jun 25 j 19:18	8° $\mathbb{I}$ 07'38	1°42'14
	-2971 Jul 15 j 06:23	0° $\mathcal{E}$		max. Earth dist.		-2970 Jul 01 j 02:23	18° $\mathbb{I}$ 31'30	1.36642 AU
max. Earth dist.	-2971 Jul 18 j 21:41	6° $\mathcal{E}$ 42'29	1.38490 AU	evening rise		-2970 Jul 05 j 01:44	25° $\mathbb{I}$ 57'22	
evening rise	-2971 Jul 22 j 18:46	13° $\mathcal{E}$ 35'26				-2970 Jul 07 j 07:32	0° $\mathcal{E}$	
	-2971 Aug 01 j 17:02	0° $\mathcal{O}$		desc. node		-2970 Jul 24 j 07:51	27° $\mathcal{E}$ 21'27	
desc. node	-2971 Aug 06 j 10:51	7° $\mathcal{O}$ 16'17				-2970 Jul 26 j 04:26	0° $\mathcal{O}$	
	-2971 Aug 23 j 08:28	0° $\mathbb{M}$		evening max el		-2970 Aug 09 j 22:11	17° $\mathcal{O}$ 58'04	25°51'21
evening max el	-2971 Aug 27 j 11:18	4° $\mathbb{M}$ 25'32	24°39'38	retrograde		-2970 Aug 22 j 06:35	25° $\mathcal{O}$ 02'38	
retrograde	-2971 Sep 07 j 21:47	11° $\mathbb{M}$ 06'13		evening set		-2970 Aug 28 j 11:24	22° $\mathcal{O}$ 24'33	
evening set	-2971 Sep 13 j 11:48	8° $\mathbb{M}$ 43'48		min. Earth dist.		-2970 Sep 01 j 17:46	17° $\mathcal{O}$ 43'44	0.66626 AU
min. Earth dist.	-2971 Sep 18 j 02:35	3° $\mathbb{M}$ 25'50	0.67208 AU	inferior conj		-2970 Sep 02 j 23:29	16° $\mathcal{O}$ 09'25	-1°50'46
inferior conj	-2971 Sep 18 j 20:51	2° $\mathbb{M}$ 24'56	-0°57'32	minimum elong		-2970 Sep 03 j 02:06	16° $\mathcal{O}$ 01'07	1°49'42
minimum elong	-2971 Sep 18 j 22:13	2° $\mathbb{M}$ 20'21	0°56'56	morning rise		-2970 Sep 08 j 16:56	10° $\mathcal{O}$ 14'39	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

asc. node	-2970 Sep 08 j 13:30	10°Ω20'08		minimum elong	-2969 Aug 18 j 00:50	29°☿40'20	2°39'56
direct	-2970 Sep 11 j 23:14	9°Ω13'14			-2969 Aug 17 j 18:12	30°☿☿	
morning max el	-2970 Sep 19 j 00:43	13°Ω13'30	19°12'27	morning rise	-2969 Aug 23 j 21:54	24°☿08'54	
	-2970 Oct 01 j 09:17	0°☿		asc. node	-2969 Aug 26 j 10:36	23°☿21'42	
morning set	-2970 Oct 12 j 00:14	16°☿31'52		direct	-2969 Aug 26 j 20:26	23°☿20'46	
desc. node	-2970 Oct 20 j 07:24	29°☿32'20		morning max el	-2969 Sep 02 j 12:05	27°☿00'43	18°29'24
	-2970 Oct 20 j 14:27	0°♄			-2969 Sep 05 j 02:55	0°♄	
max. Earth dist.	-2970 Oct 26 j 08:01	9°♄01'17	1.44649 AU	morning set	-2969 Sep 22 j 07:17	26°♄28'01	
					-2969 Sep 24 j 11:39	0°☿	
superior conj	-2970 Oct 28 j 15:11	12°♄39'32	-0°51'37	desc. node	-2969 Oct 07 j 04:21	20°☿15'49	
minimum elong	-2970 Oct 28 j 09:00	12°♄14'59	0°50'53				
	-2970 Nov 08 j 10:22	0°♄		superior conj	-2969 Oct 07 j 14:48	20°☿57'05	-0°02'49
evening rise	-2970 Nov 12 j 13:05	6°♄43'47		minimum elong	-2969 Oct 07 j 14:25	20°☿55'36	0°02'44
	-2970 Nov 27 j 01:39	0°♄		behind sun begin	-2969 Oct 07 j 03:14	20°☿11'26	
evening max el	-2970 Dec 02 j 09:57	6°♄45'03	18°34'28	behind sun end	-2969 Oct 08 j 01:37	21°☿39'45	
asc. node	-2970 Dec 05 j 12:35	9°♄20'01		max. Earth dist.	-2969 Oct 09 j 01:58	23°☿15'39	1.44870 AU
retrograde	-2970 Dec 09 j 01:26	10°♄27'01			-2969 Oct 13 j 08:47	0°♄	
evening set	-2970 Dec 12 j 01:53	9°♄36'08		evening rise	-2969 Oct 23 j 23:00	16°♄40'08	
inferior conj	-2970 Dec 17 j 23:43	3°♄59'56	3°26'45		-2969 Nov 01 j 10:08	0°♄	
minimum elong	-2970 Dec 17 j 20:49	4°♄08'30	3°26'04	greatest brilliancy	-2969 Nov 02 j 12:54	1°♄44'24	-0.8m
min. Earth dist.	-2970 Dec 19 j 22:26	1°♄42'15	0.64610 AU	evening max el	-2969 Nov 15 j 19:32	20°♄10'47	19°13'55
	-2970 Dec 21 j 11:11	30°☿♄		asc. node	-2969 Nov 22 j 09:39	24°♄12'55	
morning rise	-2970 Dec 23 j 15:20	27°♄55'04		retrograde	-2969 Nov 22 j 20:57	24°♄14'11	
direct	-2970 Dec 30 j 11:11	25°♄03'29		evening set	-2969 Nov 26 j 03:50	23°♄11'21	
	-2969 Jan 09 j 20:36	0°♄		inferior conj	-2969 Dec 01 j 19:33	17°♄19'52	2°51'08
morning max el	-2969 Jan 12 j 20:11	2°♄45'13	27°14'15	minimum elong	-2969 Dec 01 j 16:30	17°♄29'33	2°50'11
desc. node	-2969 Jan 16 j 06:51	6°♄25'30		min. Earth dist.	-2969 Dec 03 j 04:05	15°♄36'30	0.65843 AU
	-2969 Feb 02 j 08:35	0°☿		morning rise	-2969 Dec 07 j 04:53	11°♄09'15	
morning set	-2969 Feb 17 j 05:26	26°☿18'09		direct	-2969 Dec 13 j 13:37	8°♄22'29	
	-2969 Feb 19 j 02:28	0°♄		morning max el	-2969 Dec 26 j 05:50	15°♄49'15	26°17'53
max. Earth dist.	-2969 Feb 21 j 23:32	5°♄49'24	1.33926 AU	desc. node	-2968 Jan 03 j 03:52	24°♄54'41	
					-2968 Jan 07 j 00:19	0°♄	
superior conj	-2969 Feb 25 j 07:49	12°♄47'27	-1°00'41		-2968 Jan 26 j 04:12	0°☿	
minimum elong	-2969 Feb 25 j 10:28	13°♄01'23	1°00'18	morning set	-2968 Jan 31 j 09:04	9°☿26'38	
asc. node	-2969 Mar 03 j 11:56	25°♄53'04		max. Earth dist.	-2968 Feb 04 j 11:11	17°☿16'18	1.35237 AU
evening rise	-2969 Mar 04 j 15:30	28°♄17'46					
	-2969 Mar 05 j 11:10	0°☿		superior conj	-2968 Feb 09 j 06:10	26°☿52'10	-1°23'17
	-2969 Mar 23 j 18:12	0°☿		minimum elong	-2968 Feb 09 j 09:25	27°☿08'51	1°22'56
evening max el	-2969 Mar 25 j 13:51	1°☿51'24	22°00'12		-2968 Feb 10 j 18:44	0°♄	
retrograde	-2969 Apr 07 j 03:59	7°☿58'43		evening rise	-2968 Feb 16 j 23:25	12°♄50'26	
evening set	-2969 Apr 09 j 21:32	7°☿42'06		asc. node	-2968 Feb 18 j 08:57	15°♄41'36	
desc. node	-2969 Apr 14 j 05:50	6°☿15'01			-2968 Feb 25 j 23:17	0°☿	
inferior conj	-2969 Apr 19 j 06:43	3°☿36'02	-1°23'36	evening max el	-2968 Mar 06 j 17:17	13°☿02'16	20°36'41
minimum elong	-2969 Apr 19 j 02:54	3°☿41'24	1°22'18	retrograde	-2968 Mar 17 j 17:38	18°☿17'31	
min. Earth dist.	-2969 Apr 18 j 19:47	3°☿51'26	0.55188 AU	evening set	-2968 Mar 20 j 00:14	18°☿04'58	
	-2969 Apr 26 j 22:38	30°☿☿		inferior conj	-2968 Mar 29 j 02:11	14°☿07'16	0°33'56
morning rise	-2969 Apr 28 j 09:32	29°☿38'10		minimum elong	-2968 Mar 29 j 03:43	14°☿05'02	0°33'22
direct	-2969 May 01 j 03:38	29°☿21'12		min. Earth dist.	-2968 Mar 30 j 09:59	13°☿21'10	0.55284 AU
	-2969 May 05 j 05:07	0°☿		desc. node	-2968 Mar 31 j 02:56	12°☿56'56	
morning max el	-2969 May 13 j 03:09	4°☿59'37	21°29'48	morning rise	-2968 Apr 07 j 05:55	9°☿51'07	
	-2969 May 29 j 20:58	0°☿		direct	-2968 Apr 10 j 15:50	9°☿25'45	
asc. node	-2969 May 30 j 11:24	1°☿11'15		morning max el	-2968 Apr 23 j 23:59	15°☿55'59	23°05'36
morning set	-2969 Jun 02 j 10:16	7°☿10'46			-2968 May 05 j 01:11	0°☿	
				asc. node	-2968 May 16 j 08:26	21°☿00'16	
superior conj	-2969 Jun 09 j 19:52	22°☿39'33	1°29'46	morning set	-2968 May 16 j 21:24	22°☿07'54	
minimum elong	-2969 Jun 09 j 17:18	22°☿26'12	1°29'33		-2968 May 20 j 14:23	0°☿	
	-2969 Jun 13 j 09:50	0°♄		superior conj	-2968 May 24 j 00:57	7°☿22'02	1°12'36
max. Earth dist.	-2969 Jun 13 j 14:47	0°♄24'56	1.35087 AU	minimum elong	-2968 May 23 j 22:23	7°☿08'20	1°12'15
evening rise	-2969 Jun 18 j 02:51	9°♄15'07		max. Earth dist.	-2968 May 26 j 12:55	12°☿39'17	1.33903 AU
	-2969 Jun 29 j 20:20	0°☿		evening rise	-2968 May 31 j 17:06	23°☿13'19	
desc. node	-2969 Jul 11 j 04:53	17°☿01'19			-2968 Jun 04 j 05:11	0°♄	
	-2969 Jul 21 j 22:17	0°♄			-2968 Jun 22 j 12:00	0°☿	
evening max el	-2969 Jul 23 j 09:29	1°♄27'58	26°47'10	desc. node	-2968 Jun 27 j 01:57	6°☿04'12	
retrograde	-2969 Aug 05 j 10:31	8°♄46'18		evening max el	-2968 Jul 04 j 20:42	14°☿45'15	27°19'43
evening set	-2969 Aug 12 j 04:10	5°♄59'17		retrograde	-2968 Jul 18 j 09:04	22°☿08'17	
min. Earth dist.	-2969 Aug 16 j 02:51	1°♄56'32	0.65687 AU	evening set	-2968 Jul 25 j 11:12	19°☿22'54	
inferior conj	-2969 Aug 17 j 21:14	29°☿51'00	-2°41'13				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-2968 Jul 29 j 03:43	15°  56'09	0.64365 AU	evening set	-2967 Jul 08 j 04:54	2°  29'01	
inferior conj	-2968 Jul 31 j 11:43	13°  24'38	-3°26'20		-2967 Jul 11 j 06:22	30°  	
minimum elong	-2968 Jul 31 j 15:45	13°  13'42	3°25'12	min. Earth dist.	-2967 Jul 11 j 18:51	29°  31'14	0.62686 AU
morning rise	-2968 Aug 06 j 21:02	7°  58'15		inferior conj	-2967 Jul 14 j 16:05	26°  43'49	-4°02'20
direct	-2968 Aug 09 j 14:12	7°  20'09		minimum elong	-2967 Jul 14 j 19:35	26°  35'20	4°01'40
asc. node	-2968 Aug 12 j 07:41	7°  58'36		morning rise	-2967 Jul 21 j 11:24	21°  36'12	
morning max el	-2968 Aug 16 j 02:35	10°  48'15	18°03'27	direct	-2967 Jul 24 j 01:27	21°  05'27	
	-2968 Aug 29 j 04:31	0° 		asc. node	-2967 Jul 30 j 04:46	23°  59'43	
morning set	-2968 Sep 02 j 17:51	7°  43'42		morning max el	-2967 Jul 30 j 17:31	24°  30'02	17°55'31
					-2967 Aug 04 j 05:02	0° 	
superior conj	-2968 Sep 16 j 01:19	29°  50'36	0°44'03	morning set	-2967 Aug 16 j 03:13	20°  04'40	
minimum elong	-2968 Sep 16 j 06:03	0°  09'42	0°43'30		-2967 Aug 21 j 17:52	0° 	
	-2968 Sep 16 j 03:39	0° 					
max. Earth dist.	-2968 Sep 20 j 19:18	7°  27'24	1.44366 AU	superior conj	-2967 Aug 27 j 13:18	9°  59'50	1°19'12
desc. node	-2968 Sep 23 j 01:21	11°  01'27		minimum elong	-2967 Aug 27 j 18:42	10°  22'38	1°18'43
evening rise	-2968 Oct 02 j 11:30	25°  43'30		max. Earth dist.	-2967 Sep 03 j 09:30	21°  19'49	1.43208 AU
	-2968 Oct 05 j 06:04	0° 			-2967 Sep 08 j 19:32	0° 	
greatest brilliancy	-2968 Oct 16 j 07:54	16°  47'29	-0.6m	desc. node	-2967 Sep 09 j 22:22	1°  45'32	
	-2968 Oct 25 j 20:10	0° 		evening rise	-2967 Sep 11 j 16:23	4°  29'45	
evening max el	-2968 Oct 29 j 00:34	3°  38'01	20°08'51		-2967 Sep 28 j 16:40	0° 	
retrograde	-2968 Nov 05 j 18:11	8°  10'18		evening max el	-2967 Oct 11 j 23:44	17°  04'51	21°16'43
asc. node	-2968 Nov 08 j 06:43	7°  33'30		retrograde	-2967 Oct 20 j 15:03	22°  12'09	
evening set	-2968 Nov 09 j 09:39	6°  53'05		evening set	-2967 Oct 24 j 17:20	20°  38'02	
inferior conj	-2968 Nov 14 j 21:06	0°  49'33	2°07'51	asc. node	-2967 Oct 26 j 03:49	19°  20'19	
minimum elong	-2968 Nov 14 j 18:30	0°  58'14	2°06'53	inferior conj	-2967 Oct 30 j 02:07	14°  25'39	1°19'17
	-2968 Nov 15 j 11:54	30°  45'00		minimum elong	-2967 Oct 30 j 00:22	14°  31'39	1°18'33
min. Earth dist.	-2968 Nov 15 j 16:57	29°  43'12	0.66718 AU	min. Earth dist.	-2967 Oct 30 j 10:37	13°  56'27	0.67257 AU
morning rise	-2968 Nov 20 j 03:07	24°  35'39		morning rise	-2967 Nov 04 j 07:15	8°  10'59	
direct	-2968 Nov 25 j 21:39	22°  03'30		direct	-2967 Nov 09 j 10:32	5°  59'07	
morning max el	-2968 Dec 07 j 14:30	29°  01'09	25°01'58	morning max el	-2967 Nov 19 j 23:23	12°  16'11	23°36'23
	-2968 Dec 08 j 13:24	0° 			-2967 Dec 04 j 04:17	0° 	
desc. node	-2968 Dec 20 j 00:53	14°  08'37		desc. node	-2967 Dec 06 j 21:54	3°  53'54	
	-2968 Dec 30 j 19:59	0° 			-2967 Dec 23 j 16:18	0° 	
morning set	-2967 Jan 12 j 18:54	21°  37'15		morning set	-2967 Dec 25 j 04:39	2°  32'47	
max. Earth dist.	-2967 Jan 16 j 11:45	28°  21'10	1.36979 AU	max. Earth dist.	-2967 Dec 29 j 07:20	9°  38'11	1.39015 AU
	-2967 Jan 17 j 08:59	0° 					
				superior conj	-2966 Jan 05 j 18:30	23°  11'28	-1°53'59
superior conj	-2967 Jan 22 j 19:03	10°  23'59	-1°41'54	minimum elong	-2966 Jan 05 j 20:17	23°  19'50	1°54'00
minimum elong	-2967 Jan 22 j 22:11	10°  39'23	1°41'43		-2966 Jan 09 j 08:36	0° 	
evening rise	-2967 Jan 31 j 02:25	27°  02'14		evening rise	-2966 Jan 14 j 21:54	10°  34'58	
	-2967 Feb 01 j 14:03	0° 		asc. node	-2966 Jan 22 j 03:01	24°  31'00	
asc. node	-2967 Feb 04 j 05:59	5°  11'54			-2966 Jan 25 j 14:29	0° 	
evening max el	-2967 Feb 17 j 07:32	24°  49'35	19°29'54	evening max el	-2966 Jan 31 j 07:23	7°  10'40	18°42'36
retrograde	-2967 Feb 26 j 15:17	29°  15'51		retrograde	-2966 Feb 08 j 06:29	11°  02'10	
evening set	-2967 Feb 28 j 22:19	29°  00'58		evening set	-2966 Feb 10 j 17:09	10°  41'44	
inferior conj	-2967 Mar 09 j 08:09	24°  55'15	2°16'07	inferior conj	-2966 Feb 18 j 09:11	6°  17'53	3°23'26
minimum elong	-2967 Mar 09 j 12:51	24°  47'36	2°14'44	minimum elong	-2966 Feb 18 j 13:13	6°  10'16	3°22'38
min. Earth dist.	-2967 Mar 12 j 00:44	23°  11'11	0.56289 AU	min. Earth dist.	-2966 Feb 21 j 17:13	3°  48'30	0.57957 AU
morning rise	-2967 Mar 18 j 00:44	20°  09'33		morning rise	-2966 Feb 26 j 06:45	1°  03'21	
desc. node	-2967 Mar 18 j 00:01	20°  10'10			-2966 Mar 01 j 08:28	30°  08'30	
direct	-2967 Mar 22 j 13:42	19°  22'48		direct	-2966 Mar 04 j 00:21	29°  34'20	
morning max el	-2967 Apr 05 j 15:12	26°  30'32	24°44'42	desc. node	-2966 Mar 04 j 21:05	29°  34'11	
	-2967 Apr 08 j 23:08	0° 			-2966 Mar 06 j 16:48	0° 	
	-2967 Apr 27 j 21:50	0° 		morning max el	-2966 Mar 18 j 07:05	7°  11'11	26°12'40
morning set	-2967 May 01 j 09:33	7°  09'14			-2966 Apr 04 j 05:47	0° 	
asc. node	-2967 May 03 j 05:28	11°  02'11		morning set	-2966 Apr 15 j 21:05	22°  08'58	
					-2966 Apr 19 j 13:14	0° 	
superior conj	-2967 May 08 j 10:06	22°  09'54	0°51'59	asc. node	-2966 Apr 20 j 02:30	1°  09'12'08	
minimum elong	-2967 May 08 j 08:01	22°  05'37	0°51'37				
max. Earth dist.	-2967 May 09 j 19:37	25°  09'13	1.33094 AU	superior conj	-2966 Apr 22 j 21:24	7°  17'39	0°28'54
	-2967 May 12 j 00:16	0° 		minimum elong	-2966 Apr 22 j 20:09	7°  10'49	0°28'39
evening rise	-2967 May 15 j 16:37	7°  39'57		max. Earth dist.	-2966 Apr 23 j 07:37	8°  13'32	1.32634 AU
	-2967 May 27 j 16:41	0° 		evening rise	-2966 Apr 29 j 22:21	22°  05'04	
desc. node	-2967 Jun 13 j 23:01	24°  14'23			-2966 May 03 j 16:17	0° 	
evening max el	-2967 Jun 17 j 05:55	27°  37'30	27°22'43		-2966 May 21 j 20:08	0° 	
	-2967 Jun 19 j 22:03	0° 		evening max el	-2966 May 30 j 10:25	9°  52'34	26°52'53
retrograde	-2967 Jul 01 j 01:16	4°  59'25		desc. node	-2966 May 31 j 20:05	11°  09'55	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2966 Jun 13 j 10:07	17° $\Pi$ 11'43		desc. node	-2965 May 18 j 17:09	26° $\mathcal{B}$ 19'47	
evening set	-2966 Jun 20 j 05:04	15° $\Pi$ 09'46		retrograde	-2965 May 26 j 10:12	28° $\mathcal{B}$ 38'20	
min. Earth dist.	-2966 Jun 23 j 23:56	12° $\Pi$ 28'01	0.60731 AU	evening set	-2965 Jun 01 j 07:54	27° $\mathcal{B}$ 14'07	
inferior conj	-2966 Jun 27 j 06:57	9° $\Pi$ 40'37	-4°23'25	min. Earth dist.	-2965 Jun 05 j 20:42	24° $\mathcal{B}$ 31'10	0.58685 AU
minimum elong	-2966 Jun 27 j 08:27	9° $\Pi$ 37'25	4°23'16	inferior conj	-2965 Jun 09 j 04:34	22° $\mathcal{B}$ 04'34	-4°20'55
morning rise	-2966 Jul 04 j 13:37	4° $\Pi$ 54'25		minimum elong	-2965 Jun 09 j 02:36	22° $\mathcal{B}$ 08'14	4°20'43
direct	-2966 Jul 07 j 02:20	4° $\Pi$ 29'11		morning rise	-2965 Jun 16 j 23:54	17° $\mathcal{B}$ 40'33	
morning max el	-2966 Jul 14 j 06:08	7° $\Pi$ 59'48	18°06'33	direct	-2965 Jun 19 j 12:12	17° $\mathcal{B}$ 19'47	
asc. node	-2966 Jul 17 j 01:51	11° $\Pi$ 10'04		morning max el	-2965 Jun 27 j 13:30	21° $\mathcal{B}$ 08'33	18°37'26
	-2966 Jul 28 j 11:32	0° $\mathcal{E}$		asc. node	-2965 Jul 03 j 22:54	29° $\mathcal{B}$ 14'04	
morning set	-2966 Jul 30 j 05:44	3° $\mathcal{E}$ 15'56			-2965 Jul 04 j 10:37	0° $\Pi$	
				morning set	-2965 Jul 13 j 20:38	17° $\Pi$ 04'25	
					-2965 Jul 20 j 13:18	0° $\mathcal{E}$	
superior conj	-2966 Aug 09 j 04:25	21° $\mathcal{E}$ 30'16	1°40'05				
minimum elong	-2966 Aug 09 j 07:43	21° $\mathcal{E}$ 44'55	1°39'58				
	-2966 Aug 14 j 01:05	0° $\mathcal{Q}$		superior conj	-2965 Jul 22 j 17:42	4° $\mathcal{E}$ 07'32	1°48'22
max. Earth dist.	-2966 Aug 16 j 18:25	4° $\mathcal{Q}$ 37'05	1.41549 AU	minimum elong	-2965 Jul 22 j 18:27	4° $\mathcal{E}$ 11'01	1°48'27
evening rise	-2966 Aug 22 j 09:07	13° $\mathcal{Q}$ 50'35		max. Earth dist.	-2965 Jul 29 j 21:47	17° $\mathcal{E}$ 08'50	1.39615 AU
desc. node	-2966 Aug 27 j 19:23	22° $\mathcal{Q}$ 25'01		evening rise	-2965 Aug 03 j 01:51	24° $\mathcal{E}$ 19'35	
	-2966 Sep 01 j 18:42	0° $\mathcal{M}$			-2965 Aug 06 j 11:47	0° $\mathcal{Q}$	
	-2966 Sep 24 j 04:38	0° $\mathcal{E}$		desc. node	-2965 Aug 14 j 16:24	12° $\mathcal{Q}$ 55'15	
evening max el	-2966 Sep 24 j 16:58	0° $\mathcal{E}$ 31'37	22°33'36		-2965 Aug 26 j 13:48	0° $\mathcal{M}$	
retrograde	-2966 Oct 04 j 09:58	6° $\mathcal{E}$ 17'34		evening max el	-2965 Sep 07 j 05:43	13° $\mathcal{M}$ 59'29	23°54'14
evening set	-2966 Oct 09 j 01:05	4° $\mathcal{E}$ 24'38		retrograde	-2965 Sep 18 j 01:44	20° $\mathcal{M}$ 22'41	
	-2966 Oct 12 j 23:39	30° $\mathcal{R}$ $\mathcal{M}$		evening set	-2965 Sep 23 j 07:08	18° $\mathcal{M}$ 10'33	
asc. node	-2966 Oct 13 j 00:53	29° $\mathcal{M}$ 55'50		min. Earth dist.	-2965 Sep 28 j 02:57	12° $\mathcal{M}$ 32'27	0.67393 AU
inferior conj	-2966 Oct 14 j 08:45	28° $\mathcal{M}$ 06'49	0°27'20	inferior conj	-2965 Sep 28 j 15:12	11° $\mathcal{M}$ 50'48	-0°26'25
minimum elong	-2966 Oct 14 j 08:07	28° $\mathcal{M}$ 09'01	0°27'03	minimum elong	-2965 Sep 28 j 15:49	11° $\mathcal{M}$ 48'40	0°26'08
min. Earth dist.	-2966 Oct 14 j 06:46	28° $\mathcal{M}$ 13'39	0.67480 AU	asc. node	-2965 Sep 29 j 21:58	10° $\mathcal{M}$ 07'26	
morning rise	-2966 Oct 19 j 15:03	21° $\mathcal{M}$ 53'56		morning rise	-2965 Oct 04 j 00:30	5° $\mathcal{M}$ 42'28	
direct	-2966 Oct 24 j 03:26	20° $\mathcal{M}$ 04'07		direct	-2965 Oct 07 j 23:30	4° $\mathcal{M}$ 13'40	
morning max el	-2966 Nov 02 j 11:38	25° $\mathcal{M}$ 36'30	22°10'26	morning max el	-2965 Oct 16 j 06:04	9° $\mathcal{M}$ 04'34	20°51'27
	-2966 Nov 06 j 10:14	0° $\mathcal{E}$			-2965 Nov 01 j 02:07	0° $\mathcal{E}$	
desc. node	-2966 Nov 23 j 18:55	24° $\mathcal{E}$ 01'48		desc. node	-2965 Nov 10 j 15:57	14° $\mathcal{E}$ 25'29	
	-2966 Nov 27 j 17:23	0° $\mathcal{M}$		morning set	-2965 Nov 14 j 14:12	20° $\mathcal{E}$ 30'03	
morning set	-2966 Dec 05 j 09:45	12° $\mathcal{M}$ 04'40			-2965 Nov 20 j 14:36	0° $\mathcal{M}$	
max. Earth dist.	-2966 Dec 11 j 05:49	21° $\mathcal{M}$ 40'20	1.41082 AU	max. Earth dist.	-2965 Nov 23 j 11:03	4° $\mathcal{M}$ 35'44	1.42883 AU
	-2966 Dec 16 j 02:47	0° $\mathcal{X}$					
superior conj	-2966 Dec 18 j 23:27	5° $\mathcal{X}$ 01'54	-1°56'08	superior conj	-2965 Nov 30 j 04:17	15° $\mathcal{M}$ 41'58	-1°44'22
minimum elong	-2966 Dec 18 j 22:18	4° $\mathcal{X}$ 56'44	1°56'11	minimum elong	-2965 Nov 29 j 23:07	15° $\mathcal{M}$ 20'12	1°44'06
evening rise	-2966 Dec 29 j 06:48	23° $\mathcal{X}$ 54'46		evening rise	-2965 Dec 08 j 11:20	0° $\mathcal{X}$	
	-2965 Jan 01 j 13:31	0° $\mathcal{Z}$			-2965 Dec 26 j 09:11	0° $\mathcal{Z}$	
asc. node	-2965 Jan 09 j 00:03	12° $\mathcal{Z}$ 48'57		asc. node	-2965 Dec 26 j 21:05	0° $\mathcal{Z}$ 37'46	
evening max el	-2965 Jan 14 j 14:19	19° $\mathcal{Z}$ 58'28	18°15'22	evening max el	-2965 Dec 29 j 01:33	3° $\mathcal{Z}$ 05'35	18°07'58
retrograde	-2965 Jan 21 j 16:07	23° $\mathcal{Z}$ 31'03		retrograde	-2964 Jan 04 j 16:32	6° $\mathcal{Z}$ 32'54	
evening set	-2965 Jan 24 j 06:14	23° $\mathcal{Z}$ 03'35		evening set	-2964 Jan 07 j 09:59	5° $\mathcal{Z}$ 57'24	
inferior conj	-2965 Jan 31 j 06:42	18° $\mathcal{Z}$ 18'29	3°55'02	inferior conj	-2964 Jan 13 j 21:59	0° $\mathcal{Z}$ 51'16	3°58'40
minimum elong	-2965 Jan 31 j 08:11	18° $\mathcal{Z}$ 15'15	3°54'51	minimum elong	-2964 Jan 13 j 21:03	0° $\mathcal{Z}$ 53'39	3°58'31
min. Earth dist.	-2965 Feb 03 j 14:33	15° $\mathcal{Z}$ 24'57	0.59950 AU		-2964 Jan 14 j 18:21	30° $\mathcal{R}$ $\mathcal{X}$	
morning rise	-2965 Feb 07 j 08:18	12° $\mathcal{Z}$ 42'13		min. Earth dist.	-2964 Jan 16 j 19:48	27° $\mathcal{X}$ 57'24	0.61951 AU
direct	-2965 Feb 13 j 22:53	10° $\mathcal{Z}$ 42'28		morning rise	-2964 Jan 20 j 06:59	25° $\mathcal{X}$ 00'36	
desc. node	-2965 Feb 19 j 18:09	12° $\mathcal{Z}$ 07'58		direct	-2964 Jan 27 j 07:28	22° $\mathcal{X}$ 29'04	
morning max el	-2965 Feb 28 j 04:22	18° $\mathcal{Z}$ 22'48	27°15'01	desc. node	-2964 Feb 06 j 15:13	26° $\mathcal{X}$ 57'37	
	-2965 Mar 09 j 23:03	0° $\approx$			-2964 Feb 10 j 01:37	0° $\mathcal{Z}$	
	-2965 Mar 27 j 19:14	0° $\mathcal{H}$		morning max el	-2964 Feb 10 j 07:53	0° $\mathcal{Z}$ 15'18	27°42'45
morning set	-2965 Mar 31 j 06:09	7° $\mathcal{H}$ 00'09			-2964 Mar 02 j 22:37	0° $\approx$	
asc. node	-2965 Apr 06 j 23:31	21° $\mathcal{H}$ 25'13		morning set	-2964 Mar 14 j 10:49	21° $\approx$ 35'41	
					-2964 Mar 18 j 11:29	0° $\mathcal{H}$	
superior conj	-2965 Apr 07 j 09:05	22° $\mathcal{H}$ 17'37	0°04'13	max. Earth dist.	-2964 Mar 20 j 07:51	3° $\mathcal{H}$ 57'53	1.32749 AU
minimum elong	-2965 Apr 07 j 08:54	22° $\mathcal{H}$ 16'35	0°04'10				
behind sun begin	-2965 Apr 07 j 04:02	21° $\mathcal{H}$ 50'00		superior conj	-2964 Mar 21 j 19:34	7° $\mathcal{H}$ 11'13	-0°21'17
behind sun end	-2965 Apr 07 j 13:45	22° $\mathcal{H}$ 43'11		minimum elong	-2964 Mar 21 j 20:32	7° $\mathcal{H}$ 16'30	0°21'06
max. Earth dist.	-2965 Apr 06 j 20:59	21° $\mathcal{H}$ 11'26	1.32514 AU	asc. node	-2964 Mar 23 j 20:31	11° $\mathcal{H}$ 37'31	
	-2965 Apr 10 j 21:44	0° $\mathcal{Y}$		evening rise	-2964 Mar 28 j 19:23	22° $\mathcal{H}$ 17'06	
evening rise	-2965 Apr 14 j 07:55	7° $\mathcal{Y}$ 19'44			-2964 Apr 01 j 13:29	0° $\mathcal{Y}$	
	-2965 Apr 26 j 06:20	0° $\mathcal{B}$			-2964 Apr 20 j 18:38	0° $\mathcal{B}$	
evening max el	-2965 May 12 j 08:19	21° $\mathcal{B}$ 23'34	25°51'50	evening max el	-2964 Apr 23 j 00:54	2° $\mathcal{B}$ 18'41	24°27'37

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-2964 May 04 j 14:10	9°♄07'29		evening max el	-2963 Apr 04 j 17:03	12°♊59'32	22°53'24
retrograde	-2964 May 06 j 23:21	9°♄20'35		retrograde	-2963 Apr 17 j 23:26	19°♊31'20	
evening set	-2964 May 11 j 13:31	8°♄33'05		evening set	-2963 Apr 21 j 06:05	19°♊07'52	
min. Earth dist.	-2964 May 17 j 12:44	5°♄33'10	0.56847 AU	desc. node	-2963 Apr 21 j 11:14	19°♊04'45	
inferior conj	-2964 May 20 j 06:19	3°♄48'13	-3°43'56	min. Earth dist.	-2963 Apr 29 j 02:52	15°♊39'45	0.55565 AU
minimum elong	-2964 May 20 j 00:49	3°♄57'05	3°42'48	inferior conj	-2963 Apr 30 j 13:08	14°♊50'15	-2°25'14
	-2964 May 27 j 13:32	30°♋♊		minimum elong	-2963 Apr 30 j 07:17	14°♊58'43	2°23'28
morning rise	-2964 May 28 j 15:14	29°♊42'44		morning rise	-2963 May 09 j 10:43	10°♊53'43	
direct	-2964 May 31 j 03:26	29°♊25'28		direct	-2963 May 12 j 01:02	10°♊37'45	
	-2964 Jun 03 j 14:02	0°♄		morning max el	-2963 May 23 j 01:38	15°♊46'00	20°40'24
morning max el	-2964 Jun 09 j 12:46	3°♄47'02	19°28'49		-2963 Jun 02 j 17:06	0°♄	
asc. node	-2964 Jun 19 j 19:58	17°♄59'30		asc. node	-2963 Jun 06 j 17:01	7°♄15'52	
	-2964 Jun 26 j 04:04	0°♄		morning set	-2963 Jun 11 j 02:18	15°♄59'22	
morning set	-2964 Jun 26 j 20:24	1°♄21'21			-2963 Jun 17 j 21:11	0°♄	
superior conj	-2964 Jul 04 j 23:28	17°♄35'49	1°46'44	superior conj	-2963 Jun 18 j 17:00	1°♄41'19	1°37'37
minimum elong	-2964 Jul 04 j 22:17	17°♄29'59	1°46'47	minimum elong	-2963 Jun 18 j 14:43	1°♄29'40	1°37'31
max. Earth dist.	-2964 Jul 10 j 23:45	29°♄04'43	1.37674 AU	max. Earth dist.	-2963 Jun 23 j 07:06	10°♄52'03	1.35941 AU
	-2964 Jul 11 j 11:43	0°♄		evening rise	-2963 Jun 27 j 11:26	18°♄51'22	
evening rise	-2964 Jul 14 j 20:04	6°♄03'31			-2963 Jul 03 j 16:33	0°♄	
	-2964 Jul 29 j 10:10	0°♄		desc. node	-2963 Jul 18 j 10:22	23°♄06'47	
desc. node	-2964 Jul 31 j 13:23	3°♄11'17			-2963 Jul 23 j 12:27	0°♄	
evening max el	-2964 Aug 19 j 16:38	27°♄30'39	25°11'36	evening max el	-2963 Aug 02 j 03:51	11°♄03'51	26°17'38
	-2964 Aug 22 j 09:45	0°♄		retrograde	-2963 Aug 14 j 20:11	18°♄15'20	
retrograde	-2964 Aug 31 j 13:22	4°♄23'34		evening set	-2963 Aug 21 j 06:40	15°♄32'47	
evening set	-2964 Sep 06 j 09:40	1°♄53'56		min. Earth dist.	-2963 Aug 25 j 09:46	11°♄07'51	0.66266 AU
	-2964 Sep 08 j 07:20	30°♋♄		inferior conj	-2963 Aug 26 j 20:36	9°♄20'08	-2°12'40
min. Earth dist.	-2964 Sep 10 j 20:46	26°♄51'19	0.66996 AU	minimum elong	-2963 Aug 26 j 23:41	9°♄10'38	2°11'28
inferior conj	-2964 Sep 11 j 19:45	25°♄35'58	-1°20'21	morning rise	-2963 Sep 01 j 16:55	3°♄30'06	
minimum elong	-2964 Sep 11 j 21:40	25°♄29'42	1°19'31	asc. node	-2963 Sep 02 j 16:11	3°♄00'58	
asc. node	-2964 Sep 15 j 19:04	20°♄54'15		direct	-2963 Sep 04 j 19:39	2°♄34'38	
morning rise	-2964 Sep 17 j 09:45	19°♄35'08		morning max el	-2963 Sep 11 j 16:06	6°♄25'19	18°52'05
direct	-2964 Sep 20 j 21:26	18°♄24'39			-2963 Sep 28 j 04:17	0°♄	
morning max el	-2964 Sep 28 j 07:46	22°♄41'10	19°44'21	morning set	-2963 Oct 03 j 04:16	7°♄55'48	
	-2964 Oct 04 j 08:12	0°♄		desc. node	-2963 Oct 14 j 09:54	25°♄40'54	
morning set	-2964 Oct 23 j 12:37	28°♄45'09			-2963 Oct 17 j 03:43	0°♄	
	-2964 Oct 24 j 07:55	0°♄		max. Earth dist.	-2963 Oct 18 j 16:04	2°♄23'09	1.44833 AU
desc. node	-2964 Oct 27 j 12:56	4°♄59'41		superior conj	-2963 Oct 19 j 09:30	3°♄31'52	-0°31'32
max. Earth dist.	-2964 Nov 04 j 23:02	18°♄14'49	1.44187 AU	minimum elong	-2963 Oct 19 j 05:25	3°♄15'43	0°31'00
superior conj	-2964 Nov 09 j 05:40	25°♄05'16	-1°15'35	evening rise	-2963 Nov 04 j 00:49	28°♄25'35	
minimum elong	-2964 Nov 08 j 22:18	24°♄35'39	1°14'51		-2963 Nov 05 j 00:14	0°♄	
	-2964 Nov 12 j 06:26	0°♄		evening max el	-2963 Nov 25 j 01:40	29°♄48'43	18°49'16
evening rise	-2964 Nov 23 j 00:40	17°♄53'11			-2963 Nov 25 j 06:06	0°♄	
	-2964 Nov 30 j 04:57	0°♄		asc. node	-2963 Nov 29 j 15:12	3°♄11'15	
evening max el	-2964 Dec 11 j 14:12	16°♄24'03	18°19'37	retrograde	-2963 Dec 01 j 20:25	3°♄38'21	
asc. node	-2964 Dec 12 j 18:08	17°♄30'05		evening set	-2963 Dec 04 j 23:26	2°♄42'34	
retrograde	-2964 Dec 18 j 03:13	19°♄57'34			-2963 Dec 08 j 04:21	30°♋♄	
evening set	-2964 Dec 21 j 00:46	19°♄12'47		inferior conj	-2963 Dec 10 j 18:26	26°♄59'39	3°12'45
inferior conj	-2964 Dec 27 j 03:05	13°♄47'06	3°42'31	minimum elong	-2963 Dec 10 j 15:23	27°♄08'58	3°11'56
minimum elong	-2964 Dec 27 j 00:38	13°♄54'00	3°42'03	min. Earth dist.	-2963 Dec 12 j 10:58	24°♄56'03	0.65185 AU
min. Earth dist.	-2964 Dec 29 j 10:33	11°♄12'25	0.63737 AU	morning rise	-2963 Dec 16 j 07:01	20°♄52'20	
morning rise	-2963 Jan 01 j 23:53	7°♄46'45		direct	-2963 Dec 22 j 22:50	18°♄01'17	
direct	-2963 Jan 08 j 23:54	4°♄57'48		morning max el	-2962 Jan 05 j 01:07	25°♄37'29	26°53'13
morning max el	-2963 Jan 22 j 15:37	12°♄43'27	27°34'09		-2962 Jan 09 j 02:22	0°♄	
desc. node	-2963 Jan 23 j 12:17	13°♄35'38		desc. node	-2962 Jan 10 j 09:21	1°♄31'07	
	-2963 Feb 05 j 13:15	0°♄			-2962 Jan 30 j 01:04	0°♄	
	-2963 Feb 23 j 09:29	0°♄		morning set	-2962 Feb 09 j 19:54	19°♄20'18	
morning set	-2963 Feb 26 j 08:29	5°♄45'49		max. Earth dist.	-2962 Feb 14 j 06:42	28°♄05'27	1.34435 AU
max. Earth dist.	-2963 Mar 03 j 12:12	16°♄18'28	1.33376 AU		-2962 Feb 15 j 05:20	0°♄	
superior conj	-2963 Mar 06 j 03:01	21°♄51'15	-0°46'36	superior conj	-2962 Feb 18 j 05:25	6°♄11'10	-1°10'37
minimum elong	-2963 Mar 06 j 05:07	22°♄02'25	0°46'15	minimum elong	-2962 Feb 18 j 08:23	6°♄26'38	1°10'14
	-2963 Mar 09 j 22:06	0°♄		evening rise	-2962 Feb 25 j 16:40	21°♄51'42	
asc. node	-2963 Mar 10 j 17:31	1°♄44'02		asc. node	-2962 Feb 25 j 14:31	21°♄40'34	
evening rise	-2963 Mar 13 j 06:52	7°♄09'43			-2962 Mar 01 j 17:09	0°♄	
	-2963 Mar 25 j 11:58	0°♄		evening max el	-2962 Mar 17 j 15:01	23°♄53'27	21°22'51

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2962 Mar 29 j 13:44	29° $\text{K}$ 38'34		evening max el	-2961 Feb 27 j 22:59	5° $\text{K}$ 19'25	20°05'57
evening set	-2962 Apr 01 j 01:04	29° $\text{K}$ 24'37		retrograde	-2961 Mar 10 j 05:37	10° $\text{K}$ 12'59	
desc. node	-2962 Apr 08 j 08:20	26° $\text{K}$ 31'50		evening set	-2961 Mar 12 j 11:37	9° $\text{K}$ 59'56	
inferior conj	-2962 Apr 10 j 08:48	25° $\text{K}$ 24'33	-0°33'54	inferior conj	-2961 Mar 21 j 07:15	6° $\text{K}$ 00'03	1°20'47
minimum elong	-2962 Apr 10 j 07:12	25° $\text{K}$ 26'47	0°33'21	minimum elong	-2961 Mar 21 j 10:37	5° $\text{K}$ 54'58	1°19'39
min. Earth dist.	-2962 Apr 10 j 16:30	25° $\text{K}$ 13'42	0.55121 AU	min. Earth dist.	-2961 Mar 23 j 06:36	4° $\text{K}$ 48'48	0.55611 AU
morning rise	-2962 Apr 19 j 13:28	21° $\text{K}$ 21'11		desc. node	-2961 Mar 26 j 05:26	3° $\text{K}$ 10'23	
direct	-2962 Apr 22 j 13:06	21° $\text{K}$ 01'43		morning rise	-2961 Mar 30 j 07:41	1° $\text{K}$ 32'25	
morning max el	-2962 May 05 j 03:36	27° $\text{K}$ 02'43	22°09'20	direct	-2961 Apr 03 j 04:02	0° $\text{K}$ 59'55	
	-2962 May 08 j 00:09	0° $\text{Y}$		morning max el	-2961 Apr 16 j 21:26	7° $\text{K}$ 47'33	23°48'13
asc. node	-2962 May 24 j 14:02	26° $\text{Y}$ 55'00			-2961 May 02 j 21:40	0° $\text{Y}$	
	-2962 May 26 j 02:08	0° $\text{B}$		morning set	-2961 May 10 j 23:55	15° $\text{Y}$ 52'10	
morning set	-2962 May 26 j 12:05	0° $\text{B}$ 51'33		asc. node	-2961 May 11 j 11:03	16° $\text{Y}$ 50'42	
					-2961 May 17 j 14:14	0° $\text{B}$	
superior conj	-2962 Jun 02 j 18:41	16° $\text{B}$ 12'55	1°22'58	superior conj	-2961 May 18 j 01:49	1° $\text{B}$ 02'17	1°04'13
minimum elong	-2962 Jun 02 j 16:03	15° $\text{B}$ 59'03	1°22'41	minimum elong	-2961 May 17 j 23:24	0° $\text{B}$ 49'19	1°03'51
max. Earth dist.	-2962 Jun 05 j 23:57	22° $\text{B}$ 54'33	1.34541 AU	max. Earth dist.	-2961 May 20 j 02:16	5° $\text{B}$ 21'25	1.33514 AU
	-2962 Jun 09 j 12:28	0° $\text{II}$		evening rise	-2961 May 25 j 13:19	16° $\text{B}$ 39'58	
evening rise	-2962 Jun 10 j 18:40	2° $\text{II}$ 27'49			-2961 Jun 01 j 12:48	0° $\text{II}$	
	-2962 Jun 26 j 13:56	0° $\text{B}$			-2961 Jun 21 j 03:36	0° $\text{B}$	
desc. node	-2962 Jul 05 j 07:25	12° $\text{B}$ 32'25		desc. node	-2961 Jun 22 j 04:29	1° $\text{B}$ 15'32	
evening max el	-2962 Jul 15 j 15:28	24° $\text{B}$ 30'22	27°04'21	evening max el	-2961 Jun 28 j 02:01	7° $\text{B}$ 38'33	27°24'45
	-2962 Jul 22 j 17:02	0° $\text{Q}$		retrograde	-2961 Jul 11 j 17:27	15° $\text{B}$ 01'26	
retrograde	-2962 Jul 28 j 21:37	1° $\text{Q}$ 50'41		evening set	-2961 Jul 18 j 21:30	12° $\text{B}$ 20'23	
	-2962 Aug 03 j 12:52	30° $\text{R}$ $\text{B}$		min. Earth dist.	-2961 Jul 22 j 12:12	9° $\text{B}$ 07'30	0.63699 AU
evening set	-2962 Aug 04 j 19:39	29° $\text{B}$ 03'04		inferior conj	-2961 Jul 25 j 02:09	6° $\text{B}$ 27'32	-3°42'59
min. Earth dist.	-2962 Aug 08 j 15:32	25° $\text{B}$ 16'09	0.65172 AU	minimum elong	-2961 Jul 25 j 06:06	6° $\text{B}$ 17'18	3°42'01
inferior conj	-2962 Aug 10 j 15:35	22° $\text{B}$ 58'59	-3°01'12	morning rise	-2961 Jul 31 j 15:35	1° $\text{B}$ 09'03	
minimum elong	-2962 Aug 10 j 19:27	22° $\text{B}$ 47'55	2°59'56	direct	-2961 Aug 03 j 07:14	0° $\text{B}$ 34'20	
morning rise	-2962 Aug 16 j 19:44	17° $\text{B}$ 23'06		asc. node	-2961 Aug 07 j 10:22	1° $\text{B}$ 58'42	
direct	-2962 Aug 19 j 15:49	16° $\text{B}$ 39'26		morning max el	-2961 Aug 09 j 20:10	3° $\text{B}$ 59'31	17°57'51
asc. node	-2962 Aug 20 j 13:17	16° $\text{B}$ 43'47		morning set	-2961 Aug 26 j 20:18	0° $\text{Q}$ 12'32	
morning max el	-2962 Aug 26 j 05:05	20° $\text{B}$ 13'02	18°16'15		-2961 Aug 26 j 17:25	0° $\text{Q}$	
	-2962 Sep 02 j 14:57	0° $\text{Q}$		superior conj	-2961 Sep 08 j 07:27	21° $\text{Q}$ 19'59	1°00'41
morning set	-2962 Sep 13 j 23:22	18° $\text{Q}$ 27'05		minimum elong	-2961 Sep 08 j 12:58	21° $\text{Q}$ 42'40	1°00'06
	-2962 Sep 21 j 00:28	0° $\text{P}$			-2961 Sep 13 j 15:30	0° $\text{P}$	
superior conj	-2962 Sep 28 j 10:59	11° $\text{P}$ 56'31	0°18'06	max. Earth dist.	-2961 Sep 14 j 03:13	0° $\text{P}$ 46'59	1.43948 AU
minimum elong	-2962 Sep 28 j 13:14	12° $\text{P}$ 05'29	0°17'49	desc. node	-2961 Sep 18 j 03:54	7° $\text{P}$ 10'49	
desc. node	-2962 Oct 01 j 06:53	16° $\text{P}$ 25'32		evening rise	-2961 Sep 24 j 07:39	16° $\text{P}$ 46'57	
max. Earth dist.	-2962 Oct 01 j 10:45	16° $\text{P}$ 40'47	1.44746 AU		-2961 Oct 02 j 23:34	0° $\text{B}$	
	-2962 Oct 09 j 22:25	0° $\text{B}$		evening max el	-2961 Oct 22 j 12:03	26° $\text{B}$ 41'28	20°36'17
evening rise	-2962 Oct 15 j 00:39	7° $\text{B}$ 56'53			-2961 Oct 26 j 08:45	0° $\text{M}$	
greatest brilliancy	-2962 Oct 26 j 18:51	26° $\text{B}$ 08'08	-0.7m	retrograde	-2961 Oct 30 j 14:22	1° $\text{M}$ 28'25	
	-2962 Oct 29 j 08:32	0° $\text{M}$		evening set	-2961 Nov 03 j 10:10	0° $\text{M}$ 04'11	
evening max el	-2962 Nov 08 j 09:32	13° $\text{M}$ 15'06	19°35'31	asc. node	-2961 Nov 03 j 09:24	0° $\text{M}$ 05'34	
retrograde	-2962 Nov 15 j 16:57	17° $\text{M}$ 29'41			-2961 Nov 03 j 12:24	30° $\text{R}$ $\text{B}$	
asc. node	-2962 Nov 16 j 12:18	17° $\text{M}$ 25'56		inferior conj	-2961 Nov 08 j 20:15	23° $\text{B}$ 56'09	1°47'46
evening set	-2962 Nov 19 j 03:19	16° $\text{M}$ 20'49		minimum elong	-2961 Nov 08 j 17:59	24° $\text{B}$ 03'53	1°46'52
inferior conj	-2962 Nov 24 j 16:59	10° $\text{M}$ 23'39	2°33'33	min. Earth dist.	-2961 Nov 09 j 11:04	23° $\text{B}$ 05'54	0.66984 AU
minimum elong	-2962 Nov 24 j 14:04	10° $\text{M}$ 33'08	2°32'33	morning rise	-2961 Nov 14 j 01:37	17° $\text{B}$ 41'31	
min. Earth dist.	-2962 Nov 25 j 19:49	8° $\text{M}$ 56'15	0.66260 AU	direct	-2961 Nov 19 j 13:33	15° $\text{B}$ 17'48	
morning rise	-2962 Nov 30 j 00:36	4° $\text{M}$ 11'31		morning max el	-2961 Nov 30 j 19:07	21° $\text{B}$ 59'38	24°26'11
direct	-2962 Dec 06 j 03:30	1° $\text{M}$ 30'21			-2961 Dec 07 j 19:02	0° $\text{M}$	
morning max el	-2962 Dec 18 j 10:27	8° $\text{M}$ 45'44	25°47'28	desc. node	-2961 Dec 15 j 03:25	9° $\text{M}$ 49'13	
desc. node	-2962 Dec 28 j 06:23	20° $\text{M}$ 20'54			-2961 Dec 28 j 11:54	0° $\text{J}$	
	-2961 Jan 04 j 04:32	0° $\text{J}$		morning set	-2960 Jan 05 j 17:03	13° $\text{J}$ 46'28	
	-2961 Jan 22 j 13:03	0° $\text{Z}$		max. Earth dist.	-2960 Jan 09 j 11:13	20° $\text{J}$ 27'07	1.37816 AU
morning set	-2961 Jan 23 j 16:41	2° $\text{Z}$ 05'56			-2960 Jan 14 j 14:42	0° $\text{Z}$	
max. Earth dist.	-2961 Jan 27 j 13:36	9° $\text{Z}$ 21'25	1.35934 AU	superior conj	-2960 Jan 16 j 07:51	3° $\text{Z}$ 16'52	-1°48'01
superior conj	-2961 Feb 02 j 00:10	20° $\text{Z}$ 03'02	-1°31'48	minimum elong	-2960 Jan 16 j 10:35	3° $\text{Z}$ 30'05	1°47'55
minimum elong	-2961 Feb 02 j 03:29	20° $\text{Z}$ 19'46	1°31'30	evening rise	-2960 Jan 24 j 22:56	20° $\text{Z}$ 17'13	
	-2961 Feb 06 j 21:16	0° $\text{A}$			-2960 Jan 29 j 23:22	0° $\text{A}$	
evening rise	-2961 Feb 09 j 22:47	6° $\text{A}$ 16'38		asc. node	-2960 Jan 30 j 08:36	0° $\text{A}$ 42'50	
asc. node	-2961 Feb 12 j 11:33	11° $\text{A}$ 22'19		evening max el	-2960 Feb 10 j 17:29	17° $\text{A}$ 21'21	19°07'21
	-2961 Feb 23 j 08:21	0° $\text{K}$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2960 Feb 19 j 10:23	21° $\approx$ 31'23		retrograde	-2959 Jan 31 j 09:25	3° $\approx$ 36'32	
evening set	-2960 Feb 21 j 18:38	21° $\approx$ 14'33		evening set	-2959 Feb 02 j 21:35	3° $\approx$ 13'18	
inferior conj	-2960 Feb 29 j 20:46	17° $\approx$ 01'53	2°49'21		-2959 Feb 08 j 14:25	30° $\approx$ 36'32	
minimum elong	-2960 Mar 01 j 01:35	16° $\approx$ 53'33	2°48'06	inferior conj	-2959 Feb 10 j 06:40	28° $\approx$ 34'00	3°40'48
min. Earth dist.	-2960 Mar 03 j 22:03	14° $\approx$ 56'18	0.56926 AU	minimum elong	-2959 Feb 10 j 09:42	28° $\approx$ 34'54	3°40'19
morning rise	-2960 Mar 09 j 05:45	12° $\approx$ 02'51		min. Earth dist.	-2959 Feb 13 j 16:27	25° $\approx$ 58'04	0.58782 AU
desc. node	-2960 Mar 12 j 02:31	11° $\approx$ 14'20		morning rise	-2959 Feb 17 j 19:30	23° $\approx$ 16'08	
direct	-2960 Mar 14 j 07:00	11° $\approx$ 02'58		direct	-2959 Feb 23 j 23:28	21° $\approx$ 38'07	
morning max el	-2960 Mar 28 j 12:25	18° $\approx$ 22'05	25°24'28	desc. node	-2959 Feb 26 j 23:36	22° $\approx$ 30'54	
	-2960 Apr 07 j 04:40	0° $\approx$		morning max el	-2959 Mar 10 j 06:10	29° $\approx$ 13'26	26°42'56
	-2960 Apr 24 j 01:44	0° $\approx$			-2959 Mar 11 j 00:57	0° $\approx$	
morning set	-2960 Apr 24 j 12:01	0° $\approx$ 53'51			-2959 Mar 31 j 21:12	0° $\approx$	
asc. node	-2960 Apr 27 j 08:04	6° $\approx$ 56'42		morning set	-2959 Apr 08 j 22:41	15° $\approx$ 50'26	
				asc. node	-2959 Apr 14 j 05:05	27° $\approx$ 08'22	
superior conj	-2960 May 01 j 12:06	16° $\approx$ 00'48	0°42'27	superior conj	-2959 Apr 15 j 23:46	1° $\approx$ 01'55	0°18'36
minimum elong	-2960 May 01 j 10:21	15° $\approx$ 51'12	0°42'08	minimum elong	-2959 Apr 15 j 22:57	0° $\approx$ 57'26	0°18'25
max. Earth dist.	-2960 May 02 j 11:31	18° $\approx$ 08'10	1.32852 AU		-2959 Apr 15 j 12:28	0° $\approx$	
	-2960 May 08 j 01:09	0° $\approx$		max. Earth dist.	-2959 Apr 16 j 00:21	1° $\approx$ 05'06	1.32539 AU
evening rise	-2960 May 08 j 15:47	1° $\approx$ 15'34		evening rise	-2959 Apr 22 j 23:24	16° $\approx$ 05'32	
	-2960 May 24 j 12:21	0° $\approx$			-2959 Apr 29 j 23:53	0° $\approx$	
desc. node	-2960 Jun 08 j 01:32	18° $\approx$ 57'11			-2959 May 20 j 06:47	0° $\approx$	
evening max el	-2960 Jun 09 j 09:17	20° $\approx$ 15'28	27°13'57	evening max el	-2959 May 22 j 11:07	2° $\approx$ 12'02	26°30'26
retrograde	-2960 Jun 23 j 06:57	27° $\approx$ 37'12		desc. node	-2959 May 25 j 22:35	5° $\approx$ 11'53	
evening set	-2960 Jun 30 j 08:17	25° $\approx$ 17'02		retrograde	-2959 Jun 05 j 12:32	9° $\approx$ 29'57	
min. Earth dist.	-2960 Jul 03 j 22:56	22° $\approx$ 28'08	0.61882 AU	evening set	-2959 Jun 11 j 23:43	7° $\approx$ 43'40	
inferior conj	-2960 Jul 07 j 01:10	19° $\approx$ 38'03	-4°13'33	min. Earth dist.	-2959 Jun 16 j 00:26	5° $\approx$ 03'12	0.59857 AU
minimum elong	-2960 Jul 07 j 04:01	19° $\approx$ 31'29	4°13'08	inferior conj	-2959 Jun 19 j 09:07	2° $\approx$ 22'00	-4°25'55
morning rise	-2960 Jul 14 j 01:12	14° $\approx$ 39'34		minimum elong	-2959 Jun 19 j 09:17	2° $\approx$ 21'39	4°25'50
direct	-2960 Jul 16 j 14:23	14° $\approx$ 11'29			-2959 Jun 22 j 11:52	30° $\approx$ 36'32	
morning max el	-2960 Jul 23 j 10:32	17° $\approx$ 37'27	17°57'49	morning rise	-2959 Jun 26 j 21:01	27° $\approx$ 45'06	
asc. node	-2960 Jul 24 j 07:25	18° $\approx$ 31'08		direct	-2959 Jun 29 j 09:20	27° $\approx$ 21'59	
	-2960 Aug 01 j 06:59	0° $\approx$			-2959 Jul 05 j 18:36	0° $\approx$	
morning set	-2960 Aug 08 j 13:34	12° $\approx$ 56'13		morning max el	-2959 Jul 06 j 21:14	0° $\approx$ 59'06	18°17'06
	-2960 Aug 18 j 02:33	0° $\approx$		asc. node	-2959 Jul 11 j 04:29	6° $\approx$ 05'46	
superior conj	-2960 Aug 19 j 07:22	2° $\approx$ 04'59	1°29'45	morning set	-2959 Jul 22 j 21:50	26° $\approx$ 24'21	
minimum elong	-2960 Aug 19 j 12:03	2° $\approx$ 25'11	1°29'25		-2959 Jul 24 j 19:19	0° $\approx$	
max. Earth dist.	-2960 Aug 26 j 14:46	14° $\approx$ 02'40	1.42548 AU	superior conj	-2959 Aug 01 j 08:33	14° $\approx$ 05'15	1°44'59
evening rise	-2960 Sep 02 j 15:17	25° $\approx$ 04'32		minimum elong	-2959 Aug 01 j 10:43	14° $\approx$ 15'09	1°44'58
desc. node	-2960 Sep 04 j 00:54	27° $\approx$ 53'23		max. Earth dist.	-2959 Aug 08 j 20:46	27° $\approx$ 20'37	1.40747 AU
	-2960 Sep 05 j 09:26	0° $\approx$			-2959 Aug 10 j 10:19	0° $\approx$	
	-2960 Sep 25 j 22:26	0° $\approx$		evening rise	-2959 Aug 13 j 17:25	5° $\approx$ 28'58	
evening max el	-2960 Oct 04 j 08:31	10° $\approx$ 07'55	21°48'38	desc. node	-2959 Aug 21 j 21:53	18° $\approx$ 29'15	
retrograde	-2960 Oct 13 j 10:40	15° $\approx$ 32'03			-2959 Aug 29 j 14:45	0° $\approx$	
evening set	-2960 Oct 17 j 18:04	13° $\approx$ 50'16		evening max el	-2959 Sep 16 j 23:38	23° $\approx$ 35'04	23°07'58
asc. node	-2960 Oct 20 j 06:29	11° $\approx$ 18'01		retrograde	-2959 Sep 27 j 04:17	29° $\approx$ 37'15	
inferior conj	-2960 Oct 23 j 02:11	7° $\approx$ 35'02	0°57'34	evening set	-2959 Oct 02 j 01:16	27° $\approx$ 36'22	
minimum elong	-2960 Oct 23 j 00:53	7° $\approx$ 39'31	0°57'01	inferior conj	-2959 Oct 07 j 08:56	21° $\approx$ 17'28	0°04'38
min. Earth dist.	-2960 Oct 23 j 06:12	7° $\approx$ 21'10	0.67384 AU	minimum elong	-2959 Oct 07 j 08:49	21° $\approx$ 17'51	0°04'36
morning rise	-2960 Oct 28 j 07:33	1° $\approx$ 20'30		transit middle	-2959 Oct 07 j 08:49	21° $\approx$ 17'51	0°04'36
	-2960 Oct 30 j 07:08	30° $\approx$ 36'32		transit begin	-2959 Oct 07 j 06:14	21° $\approx$ 26'46	
direct	-2960 Nov 02 j 04:19	29° $\approx$ 17'55		transit end	-2959 Oct 07 j 11:25	21° $\approx$ 08'56	
	-2960 Nov 05 j 06:35	0° $\approx$		min. Earth dist.	-2959 Oct 07 j 02:41	21° $\approx$ 38'56	0.67480 AU
morning max el	-2960 Nov 12 j 05:01	5° $\approx$ 16'44	22°59'19	asc. node	-2959 Oct 07 j 03:33	21° $\approx$ 35'57	
desc. node	-2960 Dec 01 j 00:27	29° $\approx$ 04'51		morning rise	-2959 Oct 12 j 16:16	15° $\approx$ 06'01	
	-2960 Dec 01 j 04:28	0° $\approx$		direct	-2959 Oct 16 j 22:49	13° $\approx$ 25'08	
morning set	-2960 Dec 16 j 14:56	24° $\approx$ 07'05		morning max el	-2959 Oct 25 j 19:24	18° $\approx$ 39'06	21°35'33
	-2960 Dec 20 j 03:00	0° $\approx$			-2959 Nov 04 j 02:19	0° $\approx$	
max. Earth dist.	-2960 Dec 21 j 06:44	1° $\approx$ 58'39	1.39900 AU	desc. node	-2959 Nov 17 j 21:26	20° $\approx$ 00'20	
					-2959 Nov 24 j 09:03	0° $\approx$	
superior conj	-2960 Dec 29 j 00:07	15° $\approx$ 41'53	-1°56'21	morning set	-2959 Nov 26 j 08:05	3° $\approx$ 05'18	
minimum elong	-2960 Dec 29 j 00:51	15° $\approx$ 45'16	1°56'25	max. Earth dist.	-2959 Dec 03 j 07:34	14° $\approx$ 22'28	1.41898 AU
	-2959 Jan 05 j 14:52	0° $\approx$					
evening rise	-2959 Jan 07 j 14:21	3° $\approx$ 46'59		superior conj	-2959 Dec 10 j 19:26	27° $\approx$ 03'47	-1°53'05
asc. node	-2959 Jan 16 j 05:39	19° $\approx$ 35'07		minimum elong	-2959 Dec 10 j 16:36	26° $\approx$ 51'29	1°53'03
	-2959 Jan 23 j 22:46	0° $\approx$			-2959 Dec 12 j 11:48	0° $\approx$	
evening max el	-2959 Jan 23 j 20:45	29° $\approx$ 55'09	18°28'38				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening rise	-2959 Dec 21 j 17:33	16° $\text{♁}$ 37'50		minimum elong	-2958 Nov 21 j 06:01	6° $\text{♁}$ 43'32	1°33'47
	-2959 Dec 29 j 04:16	0° $\text{♁}$		evening rise	-2958 Dec 04 j 04:25	28° $\text{♁}$ 41'52	
asc. node	-2958 Jan 03 j 02:41	7° $\text{♁}$ 49'51			-2958 Dec 04 j 22:22	0° $\text{♁}$	
evening max el	-2958 Jan 07 j 05:54	12° $\text{♁}$ 52'02	18°09'52	asc. node	-2958 Dec 20 j 23:43	25° $\text{♁}$ 16'01	
retrograde	-2958 Jan 14 j 01:41	16° $\text{♁}$ 20'24		evening max el	-2958 Dec 21 j 18:03	26° $\text{♁}$ 04'18	18°10'36
evening set	-2958 Jan 16 j 17:20	15° $\text{♁}$ 49'29		retrograde	-2958 Dec 28 j 07:04	29° $\text{♁}$ 32'55	
inferior conj	-2958 Jan 23 j 12:07	10° $\text{♁}$ 55'20	3°59'25	evening set	-2958 Dec 31 j 02:13	28° $\text{♁}$ 53'29	
minimum elong	-2958 Jan 23 j 12:29	10° $\text{♁}$ 54'30	3°59'20	inferior conj	-2957 Jan 06 j 09:45	23° $\text{♁}$ 38'27	3°53'46
min. Earth dist.	-2958 Jan 26 j 16:35	7° $\text{♁}$ 59'01	0.60823 AU	minimum elong	-2957 Jan 06 j 08:02	23° $\text{♁}$ 42'57	3°53'32
morning rise	-2958 Jan 30 j 06:11	5° $\text{♁}$ 12'35		min. Earth dist.	-2957 Jan 09 j 01:33	20° $\text{♁}$ 51'08	0.62752 AU
direct	-2958 Feb 06 j 02:36	2° $\text{♁}$ 57'46		morning rise	-2957 Jan 12 j 13:02	17° $\text{♁}$ 43'16	
desc. node	-2958 Feb 13 j 20:40	5° $\text{♁}$ 30'26		direct	-2957 Jan 19 j 14:22	15° $\text{♁}$ 02'48	
morning max el	-2958 Feb 20 j 05:52	10° $\text{♁}$ 40'32	27°31'17	desc. node	-2957 Jan 31 j 17:44	21° $\text{♁}$ 10'11	
	-2958 Mar 07 j 07:54	0° $\text{♁}$		morning max el	-2957 Feb 02 j 11:30	22° $\text{♁}$ 48'50	27°43'28
	-2958 Mar 23 j 23:17	0° $\text{♁}$			-2957 Feb 08 j 21:34	0° $\text{♁}$	
morning set	-2958 Mar 24 j 06:07	0° $\text{♁}$ 35'11			-2957 Feb 28 j 11:45	0° $\text{♁}$	
max. Earth dist.	-2958 Mar 30 j 13:05	13° $\text{♁}$ 59'13	1.32570 AU	morning set	-2957 Mar 08 j 08:08	15° $\text{♁}$ 00'31	
				max. Earth dist.	-2957 Mar 13 j 21:52	26° $\text{♁}$ 36'44	1.32968 AU
superior conj	-2958 Mar 31 j 11:08	15° $\text{♁}$ 59'28	-0°06'34		-2957 Mar 15 j 11:44	0° $\text{♁}$	
minimum elong	-2958 Mar 31 j 11:26	16° $\text{♁}$ 01'06	0°06'32	superior conj	-2957 Mar 15 j 20:31	0° $\text{♁}$ 47'28	-0°32'06
behind sun begin	-2958 Mar 31 j 06:48	15° $\text{♁}$ 35'51		minimum elong	-2957 Mar 15 j 21:59	0° $\text{♁}$ 55'21	0°31'51
behind sun end	-2958 Mar 31 j 16:03	16° $\text{♁}$ 26'22		asc. node	-2957 Mar 18 j 23:06	7° $\text{♁}$ 31'17	
asc. node	-2958 Apr 01 j 02:06	17° $\text{♁}$ 21'19		evening rise	-2957 Mar 22 j 21:41	15° $\text{♁}$ 57'51	
	-2958 Apr 06 j 22:15	0° $\text{♁}$			-2957 Mar 29 j 22:40	0° $\text{♁}$	
evening rise	-2958 Apr 07 j 09:59	1° $\text{♁}$ 01'59		evening max el	-2957 Apr 15 j 22:12	24° $\text{♁}$ 11'38	23°47'52
	-2958 Apr 23 j 08:32	0° $\text{♁}$			-2957 Apr 24 j 08:54	0° $\text{♁}$	
evening max el	-2958 May 04 j 06:39	13° $\text{♁}$ 26'45	25°18'15	retrograde	-2957 Apr 29 j 15:18	1° $\text{♁}$ 03'03	
desc. node	-2958 May 12 j 19:36	19° $\text{♁}$ 26'03		desc. node	-2957 Apr 29 j 16:41	1° $\text{♁}$ 03'03	
retrograde	-2958 May 18 j 07:57	20° $\text{♁}$ 36'45		evening set	-2957 May 03 j 15:34	0° $\text{♁}$ 27'29	
evening set	-2958 May 23 j 17:06	19° $\text{♁}$ 29'17			-2957 May 05 j 00:31	30° $\text{♁}$	
min. Earth dist.	-2958 May 28 j 18:48	16° $\text{♁}$ 40'46	0.57858 AU	min. Earth dist.	-2957 May 10 j 09:20	27° $\text{♁}$ 17'15	0.56211 AU
inferior conj	-2958 May 31 j 22:32	14° $\text{♁}$ 29'58	-4°10'07	inferior conj	-2957 May 12 j 15:42	25° $\text{♁}$ 54'39	-3°15'36
minimum elong	-2958 May 31 j 18:54	14° $\text{♁}$ 36'19	4°09'36	minimum elong	-2957 May 12 j 09:28	26° $\text{♁}$ 04'10	3°14'04
morning rise	-2958 Jun 08 j 23:31	10° $\text{♁}$ 14'14		morning rise	-2957 May 21 j 06:20	21° $\text{♁}$ 54'57	
direct	-2958 Jun 11 j 11:51	9° $\text{♁}$ 54'59		direct	-2957 May 23 j 19:11	21° $\text{♁}$ 38'31	
morning max el	-2958 Jun 20 j 01:24	13° $\text{♁}$ 55'55	18°56'44	morning max el	-2957 Jun 02 j 20:25	26° $\text{♁}$ 17'57	19°57'02
asc. node	-2958 Jun 28 j 01:32	24° $\text{♁}$ 28'54			-2957 Jun 06 j 06:38	0° $\text{♁}$	
	-2958 Jul 01 j 05:38	0° $\text{♁}$		asc. node	-2957 Jun 14 j 22:35	13° $\text{♁}$ 28'16	
morning set	-2958 Jul 06 j 16:58	10° $\text{♁}$ 26'41		morning set	-2957 Jun 20 j 19:41	24° $\text{♁}$ 53'35	
					-2957 Jun 23 j 08:01	0° $\text{♁}$	
superior conj	-2958 Jul 15 j 05:32	27° $\text{♁}$ 06'24	1°48'44	superior conj	-2957 Jun 28 j 16:51	10° $\text{♁}$ 52'11	1°43'40
minimum elong	-2958 Jul 15 j 05:21	27° $\text{♁}$ 05'34	1°48'49	minimum elong	-2957 Jun 28 j 15:06	10° $\text{♁}$ 43'26	1°43'39
	-2958 Jul 16 j 18:04	0° $\text{♁}$		max. Earth dist.	-2957 Jul 04 j 03:13	21° $\text{♁}$ 27'26	1.36898 AU
max. Earth dist.	-2958 Jul 21 j 23:23	9° $\text{♁}$ 37'22	1.38782 AU	evening rise	-2957 Jul 08 j 01:16	28° $\text{♁}$ 43'45	
evening rise	-2958 Jul 25 j 21:24	16° $\text{♁}$ 31'12			-2957 Jul 08 j 18:08	0° $\text{♁}$	
	-2958 Aug 03 j 00:39	0° $\text{♁}$		desc. node	-2957 Jul 26 j 15:52	29° $\text{♁}$ 02'47	
desc. node	-2958 Aug 08 j 18:52	8° $\text{♁}$ 54'27			-2957 Jul 27 j 07:43	0° $\text{♁}$	
	-2958 Aug 24 j 03:04	0° $\text{♁}$		evening max el	-2957 Aug 12 j 22:17	20° $\text{♁}$ 37'28	25°41'24
evening max el	-2958 Aug 30 j 11:29	7° $\text{♁}$ 05'14	24°27'59	retrograde	-2957 Aug 25 j 03:50	27° $\text{♁}$ 39'29	
retrograde	-2958 Sep 10 j 18:13	13° $\text{♁}$ 41'24		evening set	-2957 Aug 31 j 06:31	25° $\text{♁}$ 03'18	
evening set	-2958 Sep 16 j 06:02	11° $\text{♁}$ 21'32		min. Earth dist.	-2957 Sep 04 j 14:03	20° $\text{♁}$ 16'50	0.66736 AU
min. Earth dist.	-2958 Sep 20 j 22:06	5° $\text{♁}$ 58'22	0.67272 AU	inferior conj	-2957 Sep 05 j 18:01	18° $\text{♁}$ 47'16	-1°42'51
inferior conj	-2958 Sep 21 j 14:48	5° $\text{♁}$ 02'22	-0°49'23	minimum elong	-2957 Sep 05 j 20:27	18° $\text{♁}$ 39'28	1°41'49
minimum elong	-2958 Sep 21 j 15:58	4° $\text{♁}$ 58'25	0°48'51	asc. node	-2957 Sep 10 j 21:44	13° $\text{♁}$ 12'53	
asc. node	-2958 Sep 24 j 00:38	1° $\text{♁}$ 55'58		morning rise	-2957 Sep 11 j 10:32	12° $\text{♁}$ 50'54	
	-2958 Sep 25 j 19:41	30° $\text{♁}$		direct	-2957 Sep 14 j 18:08	11° $\text{♁}$ 47'19	
morning rise	-2958 Sep 27 j 01:54	28° $\text{♁}$ 56'57		morning max el	-2957 Sep 21 j 21:44	15° $\text{♁}$ 51'31	19°20'12
direct	-2958 Sep 30 j 19:55	27° $\text{♁}$ 36'13			-2957 Oct 02 j 13:55	0° $\text{♁}$	
	-2958 Oct 06 j 07:43	0° $\text{♁}$		morning set	-2957 Oct 15 j 10:28	19° $\text{♁}$ 50'26	
morning max el	-2958 Oct 08 j 16:54	2° $\text{♁}$ 10'50	20°21'12		-2957 Oct 21 j 22:25	0° $\text{♁}$	
	-2958 Oct 28 j 22:13	0° $\text{♁}$		desc. node	-2957 Oct 22 j 15:27	1° $\text{♁}$ 06'43	
desc. node	-2958 Nov 04 j 18:26	10° $\text{♁}$ 29'02		max. Earth dist.	-2957 Oct 29 j 07:12	11° $\text{♁}$ 35'07	1.44551 AU
morning set	-2958 Nov 05 j 06:56	11° $\text{♁}$ 17'23					
max. Earth dist.	-2958 Nov 15 j 16:25	27° $\text{♁}$ 40'16	1.43520 AU	superior conj	-2957 Nov 01 j 03:15	16° $\text{♁}$ 04'54	-0°58'20
	-2958 Nov 17 j 03:06	0° $\text{♁}$		minimum elong	-2957 Oct 31 j 20:33	15° $\text{♁}$ 38'15	0°57'34
superior conj	-2958 Nov 21 j 12:36	7° $\text{♁}$ 10'42	-1°34'17				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2957 Nov 09 j 18:48	0°♌		behind sun begin	-2956 Oct 09 j 16:55	23°♏42'03	
evening rise	-2957 Nov 15 j 18:25	9°♌50'06		behind sun end	-2956 Oct 10 j 10:53	24°♏52'50	
	-2957 Nov 28 j 03:21	0°♏		max. Earth dist.	-2956 Oct 11 j 00:51	25°♏47'50	1.44882 AU
evening max el	-2957 Dec 05 j 06:27	9°♏25'43	18°30'04		-2956 Oct 13 j 16:57	0°♐	
asc. node	-2957 Dec 07 j 20:47	11°♏40'01		evening rise	-2956 Oct 26 j 08:01	19°♐55'35	
retrograde	-2957 Dec 11 j 21:09	13°♏05'21			-2956 Nov 01 j 16:27	0°♑	
evening set	-2957 Dec 14 j 20:45	12°♏16'10		greatest brilliancy	-2956 Nov 04 j 00:01	3°♑39'02	-0.8m
inferior conj	-2957 Dec 20 j 19:40	6°♏42'36	3°31'17	evening max el	-2956 Nov 17 j 16:36	22°♑51'15	19°07'02
minimum elong	-2957 Dec 20 j 16:51	6°♏50'48	3°30'40	asc. node	-2956 Nov 23 j 17:52	26°♑45'58	
min. Earth dist.	-2957 Dec 22 j 20:38	4°♏20'09	0.64392 AU	retrograde	-2956 Nov 24 j 16:07	26°♑50'49	
morning rise	-2957 Dec 26 j 12:30	0°♏38'44		evening set	-2956 Nov 27 j 21:55	25°♑49'56	
	-2957 Dec 27 j 08:09	30°♑♌		inferior conj	-2956 Dec 03 j 14:26	20°♑00'42	2°57'06
direct	-2956 Jan 02 j 09:35	27°♑47'20		minimum elong	-2956 Dec 03 j 11:22	20°♑10'21	2°56'11
	-2956 Jan 09 j 02:49	0°♏		min. Earth dist.	-2956 Dec 05 j 01:02	18°♑11'50	0.65684 AU
morning max el	-2956 Jan 15 j 20:37	5°♏30'45	27°20'24	morning rise	-2956 Dec 09 j 00:31	13°♑50'51	
desc. node	-2956 Jan 18 j 14:49	8°♏24'48		direct	-2956 Dec 15 j 11:14	11°♑02'30	
	-2956 Feb 03 j 14:20	0°♑		morning max el	-2956 Dec 28 j 06:16	18°♑32'18	26°27'42
morning set	-2956 Feb 20 j 01:57	28°♑57'31		desc. node	-2955 Jan 04 j 11:53	26°♑45'43	
	-2956 Feb 20 j 14:41	0°♑			-2955 Jan 07 j 00:14	0°♏	
max. Earth dist.	-2956 Feb 24 j 22:36	8°♑44'51	1.33769 AU		-2955 Jan 26 j 13:43	0°♑	
				morning set	-2955 Feb 02 j 07:46	12°♑13'07	
superior conj	-2956 Feb 28 j 02:08	15°♑19'59	-0°57'02	max. Earth dist.	-2955 Feb 06 j 11:57	20°♑16'08	1.35015 AU
minimum elong	-2956 Feb 28 j 04:38	15°♑33'15	0°56'39				
asc. node	-2956 Mar 04 j 20:08	27°♑34'20		superior conj	-2955 Feb 11 j 01:36	29°♑28'49	-1°20'05
	-2956 Mar 05 j 23:45	0°♒		minimum elong	-2955 Feb 11 j 04:49	29°♑45'18	1°19'42
evening rise	-2956 Mar 06 j 08:43	0°♒47'01			-2955 Feb 11 j 07:40	0°♑	
	-2956 Mar 23 j 05:31	0°♑		evening rise	-2955 Feb 18 j 17:11	15°♑22'04	
evening max el	-2956 Mar 27 j 15:58	4°♑54'32	22°13'42	asc. node	-2955 Feb 19 j 17:09	17°♑25'02	
retrograde	-2956 Apr 09 j 10:54	11°♑08'53			-2955 Feb 26 j 05:37	0°♒	
evening set	-2956 Apr 12 j 07:18	10°♑50'55		evening max el	-2955 Mar 09 j 17:56	16°♒00'41	20°48'09
desc. node	-2956 Apr 15 j 13:45	9°♑50'04		retrograde	-2955 Mar 21 j 00:15	21°♒23'30	
min. Earth dist.	-2956 Apr 20 j 23:12	7°♑06'29	0.55257 AU	evening set	-2955 Mar 23 j 07:39	21°♒10'50	
inferior conj	-2956 Apr 21 j 16:24	6°♑42'09	-1°40'38	inferior conj	-2955 Apr 01 j 11:28	17°♒13'12	0°16'21
minimum elong	-2956 Apr 21 j 11:55	6°♑48'30	1°39'09	minimum elong	-2955 Apr 01 j 12:13	17°♒12'07	0°16'04
morning rise	-2956 Apr 30 j 18:05	2°♑45'09		desc. node	-2955 Apr 02 j 10:52	16°♒39'37	
direct	-2956 May 03 j 10:50	2°♑28'41		min. Earth dist.	-2955 Apr 02 j 13:19	16°♒36'06	0.55215 AU
morning max el	-2956 May 15 j 04:42	7°♑59'16	21°16'32	morning rise	-2955 Apr 10 j 15:49	13°♒00'43	
	-2956 May 30 j 07:31	0°♒		direct	-2955 Apr 13 j 22:45	12°♒37'11	
asc. node	-2956 May 31 j 19:38	2°♒55'00		morning max el	-2955 Apr 27 j 02:45	19°♒00'21	22°50'47
morning set	-2956 Jun 04 j 03:28	9°♒38'08			-2955 May 06 j 03:08	0°♑	
				asc. node	-2955 May 18 j 16:39	22°♑41'25	
superior conj	-2956 Jun 11 j 14:17	25°♒10'04	1°31'59	morning set	-2955 May 19 j 14:19	24°♑33'53	
minimum elong	-2956 Jun 11 j 11:46	24°♒57'04	1°31'49		-2955 May 22 j 04:05	0°♒	
	-2956 Jun 13 j 22:51	0°♑					
max. Earth dist.	-2956 Jun 15 j 13:59	3°♑17'09	1.35295 AU	superior conj	-2955 May 26 j 18:34	9°♒49'45	1°15'26
evening rise	-2956 Jun 19 j 23:59	11°♑53'46		minimum elong	-2955 May 26 j 15:57	9°♒35'55	1°15'07
	-2956 Jun 30 j 04:23	0°♑		max. Earth dist.	-2955 May 29 j 10:46	15°♒28'00	1.34056 AU
desc. node	-2956 Jul 12 j 12:53	18°♑46'43		evening rise	-2955 Jun 03 j 12:33	25°♒46'37	
	-2956 Jul 21 j 10:59	0°♑			-2955 Jun 05 j 16:43	0°♑	
evening max el	-2956 Jul 25 j 09:32	4°♑08'01	26°40'13		-2955 Jun 23 j 13:58	0°♑	
retrograde	-2956 Aug 07 j 08:37	11°♑25'11		desc. node	-2955 Jun 29 j 09:55	7°♑55'50	
evening set	-2956 Aug 14 j 00:28	8°♑39'02		evening max el	-2955 Jul 07 j 21:00	17°♑28'20	27°16'43
min. Earth dist.	-2956 Aug 18 j 00:15	4°♑30'32	0.65845 AU	retrograde	-2955 Jul 21 j 07:58	24°♑50'47	
inferior conj	-2956 Aug 19 j 16:39	2°♑29'25	-2°33'52	evening set	-2955 Jul 28 j 09:11	22°♑04'32	
minimum elong	-2956 Aug 19 j 20:07	2°♑19'00	2°32'36	min. Earth dist.	-2955 Aug 01 j 02:31	18°♑32'37	0.64582 AU
	-2956 Aug 21 j 20:17	30°♒♑		inferior conj	-2955 Aug 03 j 08:24	16°♑04'39	-3°20'00
morning rise	-2956 Aug 25 j 16:08	26°♑45'08		minimum elong	-2955 Aug 03 j 12:26	15°♑53'36	3°18'50
asc. node	-2956 Aug 27 j 18:51	25°♑59'30		morning rise	-2955 Aug 09 j 16:19	10°♑35'35	
direct	-2956 Aug 28 j 15:39	25°♑55'17		direct	-2955 Aug 12 j 10:10	9°♑56'07	
morning max el	-2956 Sep 04 j 08:24	29°♑37'54	18°34'45	asc. node	-2955 Aug 14 j 15:56	10°♑22'25	
	-2956 Sep 04 j 16:57	0°♑		morning max el	-2955 Aug 18 j 22:34	13°♑25'30	18°06'13
morning set	-2956 Sep 24 j 13:24	29°♑34'23			-2955 Aug 30 j 12:00	0°♑	
	-2956 Sep 24 j 19:46	0°♑		morning set	-2955 Sep 05 j 20:08	10°♑39'08	
desc. node	-2956 Oct 08 j 12:25	21°♑49'42			-2955 Sep 17 j 12:29	0°♑	
superior conj	-2956 Oct 10 j 03:17	24°♑22'52	-0°10'22	superior conj	-2955 Sep 19 j 10:54	3°♑07'23	0°37'34
minimum elong	-2956 Oct 10 j 01:54	24°♑17'27	0°10'11	minimum elong	-2955 Sep 19 j 15:08	3°♑24'23	0°37'04

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

max. Earth dist.	-2955 Sep 23 j 18:42	10° $\mathbb{M}$ 01'56	1.44486 AU		-2954 Aug 23 j 03:52	0° $\mathcal{Q}$	
desc. node	-2955 Sep 25 j 09:25	12° $\mathbb{M}$ 35'06					
evening rise	-2955 Oct 05 j 23:09	29° $\mathbb{M}$ 05'26		superior conj	-2954 Aug 30 j 18:41	13° $\mathcal{Q}$ 03'58	1°14'48
	-2955 Oct 06 j 13:16	0° $\mathcal{A}$		minimum elong	-2954 Aug 31 j 00:14	13° $\mathcal{Q}$ 27'11	1°14'17
greatest brilliancy	-2955 Oct 19 j 11:33	19° $\mathcal{A}$ 43'14	-0.7m	max. Earth dist.	-2954 Sep 06 j 09:43	23° $\mathcal{Q}$ 58'51	1.43417 AU
	-2955 Oct 26 j 16:33	0° $\mathbb{M}$			-2954 Sep 10 j 03:54	0° $\mathbb{M}$	
evening max el	-2955 Oct 31 j 22:29	6° $\mathbb{M}$ 18'33	19°59'46	desc. node	-2954 Sep 12 j 06:24	3° $\mathbb{M}$ 19'21	
retrograde	-2955 Nov 08 j 13:13	10° $\mathbb{M}$ 45'50		evening rise	-2954 Sep 15 j 03:56	7° $\mathbb{M}$ 50'50	
asc. node	-2955 Nov 10 j 14:58	10° $\mathbb{M}$ 20'59			-2954 Sep 29 j 20:41	0° $\mathcal{A}$	
evening set	-2955 Nov 12 j 03:19	9° $\mathbb{M}$ 30'51		evening max el	-2954 Oct 14 j 22:32	19° $\mathcal{A}$ 45'09	21°05'53
inferior conj	-2955 Nov 17 j 15:17	3° $\mathbb{M}$ 28'56	2°14'49	retrograde	-2954 Oct 23 j 10:15	24° $\mathcal{A}$ 46'55	
minimum elong	-2955 Nov 17 j 12:35	3° $\mathbb{M}$ 37'53	2°13'49	evening set	-2954 Oct 27 j 10:50	23° $\mathcal{A}$ 15'20	
min. Earth dist.	-2955 Nov 18 j 12:54	2° $\mathbb{M}$ 17'08	0.66615 AU	asc. node	-2954 Oct 28 j 12:03	22° $\mathcal{A}$ 21'05	
	-2955 Nov 20 j 07:52	30° $\mathcal{R}$ $\mathcal{A}$		inferior conj	-2954 Nov 01 j 19:54	17° $\mathcal{A}$ 03'57	1°26'54
morning rise	-2955 Nov 22 j 21:39	27° $\mathcal{A}$ 15'30		minimum elong	-2954 Nov 01 j 18:00	17° $\mathcal{A}$ 10'28	1°26'08
direct	-2955 Nov 28 j 18:29	24° $\mathcal{A}$ 40'45		min. Earth dist.	-2954 Nov 02 j 05:59	16° $\mathcal{A}$ 29'27	0.67199 AU
	-2955 Dec 08 j 20:09	0° $\mathbb{M}$		morning rise	-2954 Nov 07 j 01:01	10° $\mathcal{A}$ 49'18	
morning max el	-2955 Dec 10 j 15:01	1° $\mathbb{M}$ 43'08	25°14'05	direct	-2954 Nov 12 j 06:32	8° $\mathcal{A}$ 34'20	
desc. node	-2955 Dec 22 j 08:56	15° $\mathbb{M}$ 53'43		morning max el	-2954 Nov 22 j 23:46	14° $\mathcal{A}$ 57'47	23°49'23
	-2954 Jan 01 j 02:21	0° $\mathcal{A}$			-2954 Dec 05 j 06:40	0° $\mathbb{M}$	
morning set	-2954 Jan 15 j 20:36	24° $\mathcal{A}$ 32'55		desc. node	-2954 Dec 09 j 05:57	5° $\mathbb{M}$ 34'49	
	-2954 Jan 18 j 20:15	0° $\mathcal{B}$			-2954 Dec 25 j 01:16	0° $\mathcal{A}$	
max. Earth dist.	-2954 Jan 19 j 13:56	1° $\mathcal{B}$ 22'18	1.36701 AU	morning set	-2954 Dec 28 j 10:21	5° $\mathcal{A}$ 40'37	
				max. Earth dist.	-2953 Jan 01 j 09:57	12° $\mathcal{A}$ 35'54	1.38702 AU
superior conj	-2954 Jan 25 j 16:07	13° $\mathcal{B}$ 05'54	-1°39'27				
minimum elong	-2954 Jan 25 j 19:21	13° $\mathcal{B}$ 21'49	1°39'13	superior conj	-2953 Jan 08 j 17:53	26° $\mathcal{A}$ 00'43	-1°52'43
evening rise	-2954 Feb 02 j 21:02	29° $\mathcal{B}$ 37'09		minimum elong	-2953 Jan 08 j 19:58	26° $\mathcal{A}$ 10'35	1°52'43
	-2954 Feb 03 j 01:35	0° $\mathcal{A}$			-2953 Jan 10 j 20:11	0° $\mathcal{B}$	
asc. node	-2954 Feb 06 j 14:11	6° $\mathcal{A}$ 58'16		evening rise	-2953 Jan 17 j 17:51	13° $\mathcal{B}$ 25'41	
evening max el	-2954 Feb 20 j 06:35	27° $\mathcal{A}$ 42'11	19°38'36	asc. node	-2953 Jan 24 j 11:13	26° $\mathcal{B}$ 07'46	
	-2954 Feb 23 j 02:15	0° $\mathcal{H}$			-2953 Jan 26 j 17:22	0° $\mathcal{A}$	
retrograde	-2954 Mar 01 j 19:57	2° $\mathcal{H}$ 14'58		evening max el	-2953 Feb 03 j 05:06	9° $\mathcal{A}$ 58'32	18°48'20
evening set	-2954 Mar 04 j 02:38	2° $\mathcal{H}$ 00'39		retrograde	-2953 Feb 11 j 08:29	13° $\mathcal{A}$ 54'27	
	-2954 Mar 09 j 05:12	30° $\mathcal{R}$ $\mathcal{A}$		evening set	-2953 Feb 13 j 18:30	13° $\mathcal{A}$ 35'01	
inferior conj	-2954 Mar 12 j 15:06	27° $\mathcal{A}$ 56'48	2°02'42	inferior conj	-2953 Feb 21 j 13:05	9° $\mathcal{A}$ 14'05	3°15'41
minimum elong	-2954 Mar 12 j 19:36	27° $\mathcal{A}$ 49'39	2°01'18	minimum elong	-2953 Feb 21 j 17:24	9° $\mathcal{A}$ 06'07	3°14'45
min. Earth dist.	-2954 Mar 15 j 03:45	26° $\mathcal{A}$ 20'59	0.56092 AU	min. Earth dist.	-2953 Feb 24 j 19:51	6° $\mathcal{A}$ 50'18	0.57674 AU
desc. node	-2954 Mar 20 j 07:58	23° $\mathcal{A}$ 39'07		morning rise	-2953 Mar 01 j 13:42	4° $\mathcal{A}$ 03'22	
morning rise	-2954 Mar 21 j 10:03	23° $\mathcal{A}$ 15'58		direct	-2953 Mar 07 j 03:10	2° $\mathcal{A}$ 48'12	
direct	-2954 Mar 25 j 18:39	22° $\mathcal{A}$ 33'21		desc. node	-2953 Mar 07 j 05:03	2° $\mathcal{A}$ 48'13	
morning max el	-2954 Apr 08 j 18:21	29° $\mathcal{A}$ 36'11	24°30'18	morning max el	-2953 Mar 21 j 09:52	10° $\mathcal{A}$ 14'45	26°00'56
	-2954 Apr 09 j 04:12	0° $\mathcal{H}$			-2953 Apr 05 j 11:18	0° $\mathcal{H}$	
	-2954 Apr 29 j 09:03	0° $\mathcal{Y}$		morning set	-2953 Apr 18 j 14:09	24° $\mathcal{H}$ 35'53	
morning set	-2954 May 04 j 02:25	9° $\mathcal{Y}$ 35'03			-2953 Apr 21 j 03:05	0° $\mathcal{Y}$	
asc. node	-2954 May 05 j 13:40	12° $\mathcal{Y}$ 41'39		asc. node	-2953 Apr 22 j 10:40	2° $\mathcal{Y}$ 50'51	
superior conj	-2954 May 11 j 03:13	24° $\mathcal{Y}$ 43'08	0°55'17	superior conj	-2953 Apr 25 j 14:18	9° $\mathcal{Y}$ 43'47	0°32'33
minimum elong	-2954 May 11 j 01:02	24° $\mathcal{Y}$ 31'20	0°54'55	minimum elong	-2953 Apr 25 j 12:55	9° $\mathcal{Y}$ 36'10	0°32'16
max. Earth dist.	-2954 May 12 j 16:30	28° $\mathcal{Y}$ 04'19	1.33193 AU	max. Earth dist.	-2953 Apr 26 j 03:58	10° $\mathcal{Y}$ 58'28	1.32680 AU
	-2954 May 13 j 14:05	0° $\mathcal{B}$		evening rise	-2953 May 02 j 15:52	24° $\mathcal{Y}$ 52'49	
evening rise	-2954 May 18 j 10:53	10° $\mathcal{B}$ 09'40			-2953 May 05 j 04:10	0° $\mathcal{B}$	
	-2954 May 29 j 00:34	0° $\mathbb{I}$			-2953 May 22 j 18:21	0° $\mathbb{I}$	
desc. node	-2954 Jun 16 j 06:59	26° $\mathbb{I}$ 15'07		evening max el	-2953 Jun 02 j 11:55	12° $\mathbb{I}$ 45'57	26°59'19
	-2954 Jun 19 j 20:19	0° $\mathcal{B}$		desc. node	-2953 Jun 03 j 04:01	13° $\mathbb{I}$ 23'42	
evening max el	-2954 Jun 20 j 06:42	0° $\mathcal{B}$ 25'04	27°24'20	retrograde	-2953 Jun 16 j 11:02	20° $\mathbb{I}$ 05'46	
retrograde	-2954 Jul 04 j 01:00	7° $\mathcal{B}$ 47'01		evening set	-2953 Jun 23 j 08:07	17° $\mathbb{I}$ 58'35	
evening set	-2954 Jul 11 j 05:06	5° $\mathcal{B}$ 13'28		min. Earth dist.	-2953 Jun 27 j 01:28	15° $\mathbb{I}$ 15'39	0.61039 AU
min. Earth dist.	-2954 Jul 14 j 19:05	2° $\mathcal{B}$ 12'08	0.62957 AU	inferior conj	-2953 Jun 30 j 07:32	12° $\mathbb{I}$ 26'51	-4°21'35
	-2954 Jul 17 j 00:54	30° $\mathcal{R}$ $\mathbb{I}$		minimum elong	-2953 Jun 30 j 09:27	12° $\mathbb{I}$ 22'41	4°21'21
inferior conj	-2954 Jul 17 j 14:28	29° $\mathbb{I}$ 26'18	-3°57'44	morning rise	-2953 Jul 07 j 12:28	7° $\mathbb{I}$ 37'30	
minimum elong	-2954 Jul 17 j 18:08	29° $\mathbb{I}$ 17'16	3°56'59	direct	-2953 Jul 10 j 01:18	7° $\mathbb{I}$ 11'33	
morning rise	-2954 Jul 24 j 08:13	24° $\mathbb{I}$ 15'43		morning max el	-2953 Jul 17 j 02:46	10° $\mathbb{I}$ 40'27	18°03'38
direct	-2954 Jul 26 j 22:39	23° $\mathbb{I}$ 43'58		asc. node	-2953 Jul 19 j 10:03	13° $\mathbb{I}$ 12'24	
asc. node	-2954 Aug 01 j 13:00	26° $\mathbb{I}$ 11'38			-2953 Jul 29 j 21:26	0° $\mathcal{B}$	
morning max el	-2954 Aug 02 j 13:36	27° $\mathbb{I}$ 08'19	17°55'32	morning set	-2953 Aug 02 j 02:39	5° $\mathcal{B}$ 55'19	
	-2954 Aug 05 j 02:14	0° $\mathcal{B}$					
morning set	-2954 Aug 19 j 02:26	22° $\mathcal{B}$ 51'10		superior conj	-2953 Aug 12 j 05:59	24° $\mathcal{B}$ 22'42	1°37'48

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2953 Aug 12 j 09:39	24° $\mathfrak{G}$ 38'57	1°37'37	morning set	-2952 Jul 15 j 15:57	19° $\mathbb{I}$ 38'40	
	-2953 Aug 15 j 11:16	0° $\mathcal{Q}$			-2952 Jul 21 j 01:08	0° $\mathfrak{G}$	
max. Earth dist.	-2953 Aug 19 j 19:19	7° $\mathcal{Q}$ 21'12	1.41820 AU				
evening rise	-2953 Aug 25 j 17:44	17° $\mathcal{Q}$ 02'49		superior conj	-2952 Jul 24 j 16:19	6° $\mathfrak{G}$ 50'56	1°47'49
desc. node	-2953 Aug 30 j 03:23	23° $\mathcal{Q}$ 59'15		minimum elong	-2952 Jul 24 j 17:25	6° $\mathfrak{G}$ 56'04	1°47'52
	-2953 Sep 03 j 01:22	0° $\mathfrak{M}$		max. Earth dist.	-2952 Jul 31 j 23:04	19° $\mathfrak{G}$ 58'24	1.39911 AU
	-2953 Sep 24 j 18:13	0° $\mathfrak{A}$		evening rise	-2952 Aug 05 j 06:35	27° $\mathfrak{G}$ 20'40	
evening max el	-2953 Sep 27 j 16:28	3° $\mathfrak{A}$ 11'00	22°21'47		-2952 Aug 06 j 20:54	0° $\mathcal{Q}$	
retrograde	-2953 Oct 07 j 05:35	8° $\mathfrak{A}$ 51'27		desc. node	-2952 Aug 16 j 00:21	14° $\mathcal{Q}$ 30'53	
evening set	-2953 Oct 11 j 18:39	7° $\mathfrak{A}$ 01'23			-2952 Aug 26 j 15:48	0° $\mathfrak{M}$	
asc. node	-2953 Oct 15 j 09:08	3° $\mathfrak{A}$ 04'13		evening max el	-2952 Sep 09 j 05:42	16° $\mathfrak{M}$ 38'25	23°42'20
inferior conj	-2953 Oct 17 j 02:22	0° $\mathfrak{A}$ 43'59	0°35'19	retrograde	-2952 Sep 19 j 21:55	22° $\mathfrak{M}$ 56'39	
minimum elong	-2953 Oct 17 j 01:33	0° $\mathfrak{A}$ 46'48	0°34'59	evening set	-2952 Sep 25 j 01:03	20° $\mathfrak{M}$ 47'26	
min. Earth dist.	-2953 Oct 17 j 01:54	0° $\mathfrak{A}$ 45'36	0.67462 AU	inferior conj	-2952 Sep 30 j 08:58	14° $\mathfrak{M}$ 27'43	-0°18'16
	-2953 Oct 17 j 15:07	30° $\mathfrak{R}$ $\mathfrak{M}$		minimum elong	-2952 Sep 30 j 09:23	14° $\mathfrak{M}$ 26'15	0°18'03
morning rise	-2953 Oct 22 j 08:21	24° $\mathfrak{M}$ 30'36		min. Earth dist.	-2952 Sep 29 j 22:17	15° $\mathfrak{M}$ 04'10	0.67421 AU
direct	-2953 Oct 26 j 22:50	22° $\mathfrak{M}$ 37'35		asc. node	-2952 Oct 01 j 06:13	13° $\mathfrak{M}$ 15'37	
morning max el	-2953 Nov 05 j 11:19	28° $\mathfrak{M}$ 16'54	22°22'57	morning rise	-2952 Oct 05 j 17:41	8° $\mathfrak{M}$ 18'23	
	-2953 Nov 07 j 02:18	0° $\mathfrak{A}$		direct	-2952 Oct 09 j 18:33	6° $\mathfrak{M}$ 46'32	
desc. node	-2953 Nov 26 j 02:58	25° $\mathfrak{A}$ 39'26		morning max el	-2952 Oct 18 j 04:39	11° $\mathfrak{M}$ 43'25	21°02'32
	-2953 Nov 29 j 00:10	0° $\mathfrak{M}$			-2952 Nov 01 j 06:40	0° $\mathfrak{A}$	
morning set	-2953 Dec 08 j 19:48	15° $\mathfrak{M}$ 24'48		desc. node	-2952 Nov 11 j 23:57	16° $\mathfrak{A}$ 00'51	
max. Earth dist.	-2953 Dec 14 j 07:31	24° $\mathfrak{M}$ 29'37	1.40777 AU	morning set	-2952 Nov 17 j 03:02	23° $\mathfrak{A}$ 57'02	
	-2953 Dec 17 j 12:51	0° $\mathfrak{A}$			-2952 Nov 20 j 23:03	0° $\mathfrak{M}$	
				max. Earth dist.	-2952 Nov 25 j 11:23	7° $\mathfrak{M}$ 16'10	1.42637 AU
superior conj	-2953 Dec 22 j 01:55	8° $\mathfrak{A}$ 00'14	-1°56'37				
minimum elong	-2953 Dec 22 j 01:18	7° $\mathfrak{A}$ 57'29	1°56'43	superior conj	-2952 Dec 02 j 10:40	18° $\mathfrak{M}$ 51'26	-1°47'13
evening rise	-2952 Jan 01 j 04:33	26° $\mathfrak{A}$ 40'04		minimum elong	-2952 Dec 02 j 06:05	18° $\mathfrak{M}$ 32'00	1°47'01
	-2952 Jan 02 j 23:14	0° $\mathfrak{G}$			-2952 Dec 08 j 21:14	0° $\mathfrak{A}$	
asc. node	-2952 Jan 11 j 08:16	14° $\mathfrak{G}$ 45'22		evening rise	-2952 Dec 14 j 01:25	9° $\mathfrak{A}$ 12'29	
evening max el	-2952 Jan 17 j 11:09	22° $\mathfrak{G}$ 42'47	18°18'10		-2952 Dec 26 j 06:32	0° $\mathfrak{G}$	
retrograde	-2952 Jan 24 j 15:30	26° $\mathfrak{G}$ 17'19		asc. node	-2952 Dec 28 j 05:19	2° $\mathfrak{G}$ 41'28	
evening set	-2952 Jan 27 j 05:04	25° $\mathfrak{G}$ 51'01		evening max el	-2952 Dec 30 j 21:59	5° $\mathfrak{G}$ 47'35	18°07'53
inferior conj	-2952 Feb 03 j 07:40	21° $\mathfrak{G}$ 09'17	3°52'13	retrograde	-2951 Jan 06 j 13:55	9° $\mathfrak{G}$ 14'43	
minimum elong	-2952 Feb 03 j 09:33	21° $\mathfrak{G}$ 05'14	3°51'59	evening set	-2951 Jan 09 j 06:53	8° $\mathfrak{G}$ 40'28	
min. Earth dist.	-2952 Feb 06 j 16:23	18° $\mathfrak{G}$ 17'39	0.59641 AU	inferior conj	-2951 Jan 15 j 20:34	3° $\mathfrak{G}$ 37'32	3°59'30
morning rise	-2952 Feb 10 j 12:05	15° $\mathfrak{G}$ 35'37		minimum elong	-2951 Jan 15 j 19:56	3° $\mathfrak{G}$ 39'05	3°59'24
direct	-2952 Feb 17 j 00:11	13° $\mathfrak{G}$ 41'21		min. Earth dist.	-2951 Jan 18 j 20:19	0° $\mathfrak{G}$ 42'16	0.61664 AU
desc. node	-2952 Feb 22 j 02:08	14° $\mathfrak{G}$ 46'54			-2951 Jan 19 j 14:40	30° $\mathfrak{R}$ $\mathfrak{A}$	
morning max el	-2952 Mar 02 j 06:16	21° $\mathfrak{G}$ 20'55	27°07'48	morning rise	-2951 Jan 22 j 07:46	27° $\mathfrak{A}$ 48'44	
	-2952 Mar 09 j 19:41	0° $\mathfrak{A}$		direct	-2951 Jan 29 j 07:36	25° $\mathfrak{A}$ 20'59	
	-2952 Mar 28 j 06:36	0° $\mathfrak{H}$		desc. node	-2951 Feb 07 j 23:13	29° $\mathfrak{A}$ 16'36	
morning set	-2952 Apr 01 j 23:42	9° $\mathfrak{H}$ 28'42			-2951 Feb 08 j 21:32	0° $\mathfrak{G}$	
asc. node	-2952 Apr 08 j 07:40	23° $\mathfrak{H}$ 03'38		morning max el	-2951 Feb 12 j 08:48	3° $\mathfrak{G}$ 06'39	27°40'54
max. Earth dist.	-2952 Apr 08 j 17:18	23° $\mathfrak{H}$ 56'22	1.32507 AU		-2951 Mar 04 j 05:59	0° $\mathfrak{A}$	
				morning set	-2951 Mar 17 j 05:09	24° $\mathfrak{A}$ 06'33	
superior conj	-2952 Apr 09 j 02:03	24° $\mathfrak{H}$ 44'14	0°08'03		-2951 Mar 20 j 01:07	0° $\mathfrak{H}$	
minimum elong	-2952 Apr 09 j 01:41	24° $\mathfrak{H}$ 42'15	0°07'57	max. Earth dist.	-2951 Mar 23 j 04:41	6° $\mathfrak{H}$ 44'26	1.32691 AU
behind sun begin	-2952 Apr 08 j 21:20	24° $\mathfrak{H}$ 18'25					
behind sun end	-2952 Apr 09 j 06:02	25° $\mathfrak{H}$ 06'05		superior conj	-2951 Mar 24 j 12:49	9° $\mathfrak{H}$ 38'50	-0°17'23
	-2952 Apr 11 j 11:45	0° $\mathfrak{Y}$		minimum elong	-2951 Mar 24 j 13:37	9° $\mathfrak{H}$ 43'09	0°17'15
evening rise	-2952 Apr 16 j 00:59	9° $\mathfrak{Y}$ 46'22		asc. node	-2951 Mar 26 j 04:42	13° $\mathfrak{H}$ 16'02	
	-2952 Apr 26 j 13:03	0° $\mathfrak{G}$		evening rise	-2951 Mar 31 j 12:16	24° $\mathfrak{H}$ 43'23	
evening max el	-2952 May 14 j 10:44	24° $\mathfrak{G}$ 23'12	26°02'37		-2951 Apr 03 j 01:21	0° $\mathfrak{Y}$	
desc. node	-2952 May 20 j 01:03	28° $\mathfrak{G}$ 51'41			-2951 Apr 21 j 05:52	0° $\mathfrak{G}$	
	-2952 May 22 j 01:26	0° $\mathbb{I}$		evening max el	-2951 Apr 26 j 03:59	5° $\mathfrak{G}$ 22'35	24°41'10
retrograde	-2952 May 28 j 12:43	1° $\mathbb{I}$ 39'13		desc. node	-2951 May 06 j 22:08	12° $\mathfrak{G}$ 02'55	
evening set	-2952 Jun 03 j 14:17	0° $\mathbb{I}$ 09'07		retrograde	-2951 May 10 j 03:37	12° $\mathfrak{G}$ 27'01	
	-2952 Jun 03 j 21:39	30° $\mathfrak{R}$ $\mathfrak{G}$		evening set	-2951 May 14 j 22:45	11° $\mathfrak{G}$ 34'48	
min. Earth dist.	-2952 Jun 07 j 23:22	27° $\mathfrak{G}$ 27'20	0.58988 AU	min. Earth dist.	-2951 May 20 j 16:02	8° $\mathfrak{G}$ 38'08	0.57095 AU
inferior conj	-2952 Jun 11 j 07:55	24° $\mathfrak{G}$ 56'09	-4°23'19	inferior conj	-2951 May 23 j 12:43	6° $\mathfrak{G}$ 46'02	-3°52'10
minimum elong	-2952 Jun 11 j 06:32	24° $\mathfrak{G}$ 58'47	4°23'10	minimum elong	-2951 May 23 j 07:37	6° $\mathfrak{G}$ 54'24	3°51'14
morning rise	-2952 Jun 19 j 01:19	20° $\mathfrak{G}$ 28'54		morning rise	-2951 May 31 j 19:33	2° $\mathfrak{G}$ 38'02	
direct	-2952 Jun 21 j 13:32	20° $\mathfrak{G}$ 07'37		direct	-2951 Jun 03 j 07:45	2° $\mathfrak{G}$ 20'19	
morning max el	-2952 Jun 29 j 11:07	23° $\mathfrak{G}$ 52'55	18°31'29	morning max el	-2951 Jun 12 j 11:43	6° $\mathfrak{G}$ 36'14	19°19'49
	-2952 Jul 04 j 12:28	0° $\mathbb{I}$		asc. node	-2951 Jun 22 j 04:08	19° $\mathfrak{G}$ 48'40	
asc. node	-2952 Jul 05 j 07:05	1° $\mathbb{I}$ 09'01			-2951 Jun 27 j 15:37	0° $\mathbb{I}$	



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning set	-2951 Jun 29 j 14:38	3°Ⅱ51'59			-2950 Jun 19 j 10:25	0°Ⅱ		
superior conj	-2951 Jul 07 j 19:58	20°Ⅱ12'27	1°47'30		superior conj	-2950 Jun 21 j 12:04	4°Ⅱ13'33	1°39'24
minimum elong	-2951 Jul 07 j 19:01	20°Ⅱ07'50	1°47'34		minimum elong	-2950 Jun 21 j 09:54	4°Ⅱ02'33	1°39'19
	-2951 Jul 12 j 23:17	0°☾			max. Earth dist.	-2950 Jun 26 j 07:29	13°Ⅱ47'08	1.36181 AU
max. Earth dist.	-2951 Jul 14 j 00:58	1°☾58'42	1.37957 AU		evening rise	-2950 Jun 30 j 09:54	21°Ⅱ33'47	
evening rise	-2951 Jul 17 j 21:15	8°☾54'10				-2950 Jul 05 j 02:25	0°☾	
	-2951 Jul 30 j 16:40	0°♊			desc. node	-2950 Jul 20 j 18:21	24°☾48'49	
desc. node	-2951 Aug 02 j 21:20	4°♊49'25				-2950 Jul 24 j 12:24	0°♊	
evening max el	-2951 Aug 22 j 16:51	0°♐09'30	25°00'38		evening max el	-2950 Aug 05 j 04:04	13°♊43'12	26°08'44
	-2951 Aug 22 j 13:01	0°♐			retrograde	-2950 Aug 17 j 17:39	20°♊52'11	
retrograde	-2951 Sep 03 j 10:09	6°♐58'19			evening set	-2950 Aug 24 j 02:13	18°♊11'07	
evening set	-2951 Sep 09 j 04:14	4°♐31'14			min. Earth dist.	-2950 Aug 28 j 06:29	13°♊40'35	0.66405 AU
	-2951 Sep 13 j 05:21	30°♐♊			inferior conj	-2950 Aug 29 j 15:29	11°♊57'35	-2°04'53
min. Earth dist.	-2951 Sep 13 j 16:38	29°♊23'08	0.67077 AU		minimum elong	-2950 Aug 29 j 18:24	11°♊48'29	2°03'44
inferior conj	-2951 Sep 14 j 13:56	28°♊12'52	-1°12'15		morning rise	-2950 Sep 04 j 10:46	6°♊05'48	
minimum elong	-2951 Sep 14 j 15:39	28°♊07'11	1°11'29		asc. node	-2950 Sep 05 j 00:23	5°♊47'03	
asc. node	-2951 Sep 18 j 03:19	23°♊53'46			direct	-2950 Sep 07 j 14:44	5°♊08'17	
morning rise	-2951 Sep 20 j 03:07	22°♊10'39			morning max el	-2950 Sep 14 j 12:45	9°♊02'00	18°58'50
direct	-2951 Sep 23 j 16:24	20°♊57'33				-2950 Sep 29 j 11:09	0°♐	
morning max el	-2951 Oct 01 j 05:15	25°♊18'28	19°53'25		morning set	-2950 Oct 06 j 12:48	11°♐08'25	
	-2951 Oct 05 j 06:21	0°♐			desc. node	-2950 Oct 16 j 17:55	27°♐13'46	
	-2951 Oct 25 j 15:29	0°♑				-2950 Oct 18 j 12:11	0°♑	
morning set	-2951 Oct 27 j 00:42	2°♑08'30			max. Earth dist.	-2950 Oct 21 j 15:20	4°♑55'55	1.44789 AU
desc. node	-2951 Oct 29 j 20:55	6°♑33'26						
max. Earth dist.	-2951 Nov 07 j 22:34	20°♑49'48	1.44035 AU		superior conj	-2950 Oct 22 j 22:08	6°♑57'24	-0°38'50
					minimum elong	-2950 Oct 22 j 17:12	6°♑37'54	0°38'13
superior conj	-2951 Nov 12 j 16:02	28°♑25'26	-1°21'03			-2950 Nov 06 j 08:21	0°♐	
minimum elong	-2951 Nov 12 j 08:42	27°♑55'46	1°20'21		evening rise	-2950 Nov 07 j 07:43	1°♐34'42	
	-2951 Nov 13 j 15:20	0°♐				-2950 Nov 25 j 18:14	0°♑	
evening rise	-2951 Nov 26 j 03:53	20°♐53'02			evening max el	-2950 Nov 27 j 22:23	2°♑28'01	18°43'46
	-2951 Dec 01 j 12:18	0°♑			asc. node	-2950 Dec 01 j 23:29	5°♑35'29	
evening max el	-2951 Dec 14 j 10:37	19°♑04'28	18°16'46		retrograde	-2950 Dec 04 j 15:48	6°♑14'44	
asc. node	-2951 Dec 15 j 02:24	19°♑42'57			evening set	-2950 Dec 07 j 17:56	5°♑20'38	
retrograde	-2951 Dec 20 j 23:19	22°♑36'16				-2950 Dec 13 j 07:13	30°♐♐	
evening set	-2951 Dec 23 j 20:15	21°♑52'50			inferior conj	-2950 Dec 13 j 13:52	29°♐39'58	3°17'56
inferior conj	-2951 Dec 29 j 23:50	16°♑29'53	3°45'56		minimum elong	-2950 Dec 13 j 10:51	29°♐49'03	3°17'10
minimum elong	-2951 Dec 29 j 21:33	16°♑36'12	3°45'31		min. Earth dist.	-2950 Dec 15 j 08:30	27°♐31'23	0.64991 AU
min. Earth dist.	-2950 Jan 01 j 09:31	13°♑51'32	0.63493 AU		morning rise	-2950 Dec 19 j 03:26	23°♐33'30	
morning rise	-2950 Jan 04 j 22:12	10°♑30'53			direct	-2950 Dec 25 j 20:46	20°♐42'05	
direct	-2950 Jan 11 j 22:53	7°♑43'37			morning max el	-2949 Jan 08 j 01:30	28°♐20'19	27°01'10
morning max el	-2950 Jan 25 j 16:00	15°♑29'22	27°37'38			-2949 Jan 09 j 16:11	0°♑	
desc. node	-2950 Jan 25 j 20:18	15°♑40'03			desc. node	-2949 Jan 12 j 17:22	3°♑25'13	
	-2950 Feb 06 j 14:54	0°☾				-2949 Jan 31 j 09:01	0°☾	
	-2950 Feb 24 j 20:46	0°♐			morning set	-2949 Feb 12 j 17:16	22°☾01'15	
morning set	-2950 Mar 01 j 04:03	8°♐20'48				-2949 Feb 16 j 18:16	0°♐	
max. Earth dist.	-2950 Mar 06 j 10:19	19°♐09'41	1.33257 AU		max. Earth dist.	-2949 Feb 17 j 06:35	1°♐02'22	1.34245 AU
superior conj	-2950 Mar 08 j 20:52	24°♐21'07	-0°42'49		superior conj	-2949 Feb 21 j 00:10	8°♐44'19	-1°07'09
minimum elong	-2950 Mar 08 j 22:48	24°♐31'27	0°42'29		minimum elong	-2949 Feb 21 j 03:02	8°♐59'18	1°06'44
	-2950 Mar 11 j 11:53	0°♐			asc. node	-2949 Feb 27 j 22:47	23°♐22'09	
asc. node	-2950 Mar 13 j 01:44	3°♐23'42			evening rise	-2949 Feb 28 j 10:05	24°♐21'06	
evening rise	-2950 Mar 15 j 23:54	9°♐37'07				-2949 Mar 03 j 04:18	0°♐	
	-2950 Mar 26 j 16:02	0°♐			evening max el	-2949 Mar 20 j 16:36	26°♐54'13	21°35'42
evening max el	-2950 Apr 07 j 19:54	16°♐04'01	23°07'31			-2949 Mar 24 j 12:04	0°♐	
retrograde	-2950 Apr 21 j 05:30	22°♐41'16			retrograde	-2949 Apr 01 j 20:53	2°♐47'20	
desc. node	-2950 Apr 23 j 19:13	22°♐26'41			evening set	-2949 Apr 04 j 10:08	2°♐32'37	
evening set	-2950 Apr 24 j 16:25	22°♐15'10			desc. node	-2949 Apr 10 j 16:20	0°♐12'14	
min. Earth dist.	-2950 May 02 j 06:12	18°♐52'11	0.55707 AU			-2949 Apr 11 j 01:43	30°♐♐	
inferior conj	-2950 May 03 j 22:06	17°♐53'57	-2°39'46		inferior conj	-2949 Apr 13 j 18:39	28°♐30'46	-0°51'52
minimum elong	-2950 May 03 j 15:59	18°♐02'54	2°38'00		minimum elong	-2949 Apr 13 j 16:14	28°♐34'10	0°51'01
morning rise	-2950 May 12 j 17:58	13°♐57'02			min. Earth dist.	-2949 Apr 13 j 19:45	28°♐29'12	0.55123 AU
direct	-2950 May 15 j 07:50	13°♐40'59			morning rise	-2949 Apr 22 j 22:54	24°♐29'49	
morning max el	-2950 May 26 j 02:13	18°♐41'26	20°28'34		direct	-2949 Apr 25 j 20:22	24°♐11'24	
	-2950 Jun 03 j 22:14	0°♐			morning max el	-2949 May 08 j 05:47	0°♐04'23	21°55'17
asc. node	-2950 Jun 09 j 01:11	9°♐01'01				-2949 May 08 j 03:54	0°♐	
morning set	-2950 Jun 13 j 19:50	18°♐27'45			asc. node	-2949 May 26 j 22:13	28°♐37'10	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2949 May 27 j 14:35	0°♄		morning max el	-2948 Apr 19 j 00:36	10°♄52'59	23°33'17
morning set	-2949 May 29 j 05:12	3°♄18'20			-2948 May 03 j 05:10	0°♄	
				morning set	-2948 May 12 j 16:47	18°♄17'39	
superior conj	-2949 Jun 05 j 12:46	18°♄41'59	1°25'30	asc. node	-2948 May 12 j 19:16	18°♄30'38	
minimum elong	-2949 Jun 05 j 10:08	18°♄28'14	1°25'14		-2948 May 18 j 04:19	0°♄	
max. Earth dist.	-2949 Jun 08 j 22:47	25°♄46'11	1.34724 AU				
	-2949 Jun 11 j 01:09	0°♄		superior conj	-2948 May 19 j 19:11	3°♄28'55	1°07'17
evening rise	-2949 Jun 13 j 15:04	5°♄03'46		minimum elong	-2948 May 19 j 16:43	3°♄15'38	1°06'56
	-2949 Jun 27 j 20:09	0°♄		max. Earth dist.	-2948 May 21 j 23:36	8°♄08'12	1.33642 AU
desc. node	-2949 Jul 07 j 15:24	14°♄19'44		evening rise	-2948 May 27 j 08:13	19°♄10'57	
evening max el	-2949 Jul 18 j 15:34	27°♄11'00	26°58'48		-2948 Jun 01 j 23:19	0°♄	
	-2949 Jul 21 j 19:35	0°♄			-2948 Jun 21 j 00:08	0°♄	
retrograde	-2949 Jul 31 j 19:57	4°♄30'42		desc. node	-2948 Jun 23 j 12:26	3°♄09'56	
evening set	-2949 Aug 07 j 16:36	1°♄43'02		evening max el	-2948 Jun 30 j 02:20	10°♄22'07	27°23'35
	-2949 Aug 09 j 13:29	30°♄		retrograde	-2948 Jul 13 j 16:47	17°♄45'17	
min. Earth dist.	-2949 Aug 11 j 13:25	27°♄50'41	0.65364 AU	evening set	-2948 Jul 20 j 20:20	15°♄02'21	
inferior conj	-2949 Aug 13 j 11:29	25°♄37'28	-2°54'10	min. Earth dist.	-2948 Jul 24 j 11:32	11°♄44'50	0.63940 AU
minimum elong	-2949 Aug 13 j 15:16	25°♄26'30	2°52'55	inferior conj	-2948 Jul 26 j 23:27	9°♄07'31	-3°37'19
morning rise	-2949 Aug 19 j 14:24	19°♄59'24		minimum elong	-2948 Jul 27 j 03:28	8°♄56'57	3°36'17
direct	-2949 Aug 22 j 11:18	19°♄14'14		morning rise	-2948 Aug 02 j 11:26	3°♄46'17	
asc. node	-2949 Aug 22 j 21:28	19°♄15'13		direct	-2948 Aug 05 j 03:32	3°♄10'28	
morning max el	-2949 Aug 29 j 01:14	22°♄49'47	18°20'30	asc. node	-2948 Aug 08 j 18:32	4°♄16'28	
	-2949 Sep 03 j 17:34	0°♄		morning max el	-2948 Aug 11 j 16:10	6°♄36'32	17°59'25
morning set	-2949 Sep 17 j 03:44	21°♄27'48			-2948 Aug 27 j 02:38	0°♄	
	-2949 Sep 22 j 09:13	0°♄		morning set	-2948 Aug 28 j 21:06	3°♄02'47	
superior conj	-2949 Oct 01 j 22:32	15°♄18'33	0°10'47	superior conj	-2948 Sep 10 j 15:14	24°♄30'43	0°55'03
minimum elong	-2949 Oct 01 j 23:55	15°♄24'01	0°10'37	minimum elong	-2948 Sep 10 j 20:34	24°♄52'30	0°54'27
behind sun begin	-2949 Oct 01 j 15:23	14°♄50'10			-2948 Sep 14 j 00:25	0°♄	
behind sun end	-2949 Oct 02 j 08:27	15°♄57'49		max. Earth dist.	-2948 Sep 16 j 02:41	3°♄21'30	1.44105 AU
desc. node	-2949 Oct 03 j 14:55	17°♄58'14		desc. node	-2948 Sep 19 j 11:53	8°♄43'32	
max. Earth dist.	-2949 Oct 04 j 09:56	19°♄13'16	1.44807 AU	evening rise	-2948 Sep 26 j 19:35	20°♄08'33	
	-2949 Oct 11 j 06:35	0°♄			-2948 Oct 03 j 06:02	0°♄	
evening rise	-2949 Oct 18 j 11:03	11°♄14'58		evening max el	-2948 Oct 24 j 10:15	29°♄20'55	20°26'25
greatest brilliancy	-2949 Oct 29 j 11:54	28°♄24'52	-0.7m		-2948 Oct 25 j 01:49	0°♄	
	-2949 Oct 30 j 12:51	0°♄		retrograde	-2948 Nov 01 j 09:28	4°♄02'43	
evening max el	-2949 Nov 11 j 06:53	15°♄54'20	19°27'37	asc. node	-2948 Nov 04 j 17:36	2°♄58'23	
retrograde	-2949 Nov 18 j 12:05	20°♄04'56		evening set	-2948 Nov 05 j 03:41	2°♄41'02	
asc. node	-2949 Nov 18 j 20:32	20°♄04'13			-2948 Nov 07 j 22:21	30°♄	
evening set	-2949 Nov 21 j 21:11	18°♄58'13		inferior conj	-2948 Nov 10 j 14:13	26°♄34'30	1°55'03
inferior conj	-2949 Nov 27 j 11:31	13°♄02'54	2°39'59	minimum elong	-2948 Nov 10 j 11:49	26°♄42'36	1°54'07
minimum elong	-2949 Nov 27 j 08:32	13°♄12'30	2°39'00	min. Earth dist.	-2948 Nov 11 j 06:46	25°♄38'35	0.66898 AU
min. Earth dist.	-2949 Nov 28 j 16:18	11°♄29'54	0.66121 AU	morning rise	-2948 Nov 15 j 19:44	20°♄19'59	
morning rise	-2949 Dec 02 j 19:41	6°♄51'13		direct	-2948 Nov 21 j 09:59	17°♄53'12	
direct	-2949 Dec 09 j 00:38	4°♄07'57		morning max el	-2948 Dec 02 j 19:40	24°♄40'59	24°38'49
morning max el	-2949 Dec 21 j 11:02	11°♄27'42	25°58'31		-2948 Dec 07 j 15:01	0°♄	
desc. node	-2949 Dec 30 j 14:26	22°♄08'15		desc. node	-2948 Dec 16 j 11:27	11°♄31'40	
	-2948 Jan 05 j 08:17	0°♄			-2948 Dec 28 j 19:46	0°♄	
	-2948 Jan 23 j 23:39	0°♄		morning set	-2947 Jan 07 j 20:21	16°♄46'35	
morning set	-2948 Jan 26 j 16:35	4°♄55'24		max. Earth dist.	-2947 Jan 11 j 13:35	23°♄26'15	1.37518 AU
max. Earth dist.	-2948 Jan 30 j 15:13	12°♄22'16	1.35679 AU		-2947 Jan 15 j 02:24	0°♄	
superior conj	-2948 Feb 04 j 20:14	22°♄40'52	-1°28'53	superior conj	-2947 Jan 18 j 05:47	6°♄00'54	-1°46'00
minimum elong	-2948 Feb 04 j 23:33	22°♄57'42	1°28'32	minimum elong	-2947 Jan 18 j 08:41	6°♄15'02	1°45'53
	-2948 Feb 08 j 10:07	0°♄		evening rise	-2947 Jan 26 j 18:03	22°♄53'16	
evening rise	-2948 Feb 12 j 16:54	8°♄48'58			-2947 Jan 30 j 09:06	0°♄	
asc. node	-2948 Feb 14 j 19:49	13°♄06'33		asc. node	-2947 Jan 31 j 16:50	2°♄30'28	
	-2948 Feb 24 j 06:37	0°♄		evening max el	-2947 Feb 12 j 15:54	20°♄11'09	19°14'50
evening max el	-2948 Mar 01 j 22:54	8°♄14'34	20°16'21	retrograde	-2947 Feb 21 j 13:52	24°♄26'31	
retrograde	-2948 Mar 12 j 11:48	13°♄15'47		evening set	-2947 Feb 23 j 21:36	24°♄10'29	
evening set	-2948 Mar 14 j 17:47	13°♄03'02		inferior conj	-2947 Mar 04 j 02:27	20°♄00'29	2°38'16
inferior conj	-2948 Mar 23 j 15:46	9°♄04'11	1°04'33	minimum elong	-2947 Mar 04 j 07:18	19°♄52'17	2°36'57
minimum elong	-2948 Mar 23 j 18:33	9°♄00'02	1°03'34	min. Earth dist.	-2947 Mar 07 j 01:06	18°♄02'04	0.56688 AU
min. Earth dist.	-2948 Mar 25 j 09:54	8°♄01'41	0.55476 AU	morning rise	-2947 Mar 12 j 14:12	15°♄06'00	
desc. node	-2948 Mar 27 j 13:25	6°♄48'59		desc. node	-2947 Mar 14 j 10:31	14°♄32'25	
morning rise	-2948 Apr 01 j 17:37	4°♄40'45		direct	-2947 Mar 17 j 11:12	14°♄10'54	
direct	-2948 Apr 05 j 10:02	4°♄11'06		morning max el	-2947 Mar 31 j 15:30	21°♄26'36	25°10'53

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2947 Apr 08 j 01:57	0°♄			-2946 Mar 10 j 21:40	0°♄	
	-2947 Apr 25 j 14:37	0°♄	morning max el		-2946 Mar 13 j 08:24	2°♄13'11	26°32'59
morning set	-2947 Apr 27 j 04:54	3°♄19'07			-2946 Apr 02 j 06:07	0°♄	
asc. node	-2947 Apr 29 j 16:17	8°♄35'15	morning set		-2946 Apr 11 j 15:53	18°♄16'40	
			asc. node		-2946 Apr 16 j 13:18	28°♄46'15	
					-2946 Apr 17 j 02:49	0°♄	
superior conj	-2947 May 04 j 05:06	18°♄26'12	0°45'55				
minimum elong	-2947 May 04 j 03:13	18°♄15'57	0°45'35				
max. Earth dist.	-2947 May 05 j 07:57	20°♄52'03	1.32926 AU	superior conj	-2946 Apr 18 j 16:39	3°♄27'08	0°22'19
	-2947 May 09 j 14:33	0°♄		minimum elong	-2946 Apr 18 j 15:40	3°♄21'47	0°22'06
evening rise	-2947 May 11 j 09:40	3°♄43'30		max. Earth dist.	-2946 Apr 18 j 20:31	3°♄48'21	1.32563 AU
	-2947 May 25 j 17:38	0°♄		evening rise	-2946 Apr 25 j 16:40	18°♄31'51	
desc. node	-2947 Jun 10 j 09:28	21°♄02'23			-2946 May 01 j 10:21	0°♄	
evening max el	-2947 Jun 12 j 10:19	23°♄04'50	27°17'46		-2946 May 20 j 17:58	0°♄	
	-2947 Jun 23 j 03:22	0°♄		evening max el	-2946 May 25 j 13:09	5°♄08'05	26°39'00
retrograde	-2947 Jun 26 j 07:20	0°♄26'48		desc. node	-2946 May 28 j 06:31	7°♄32'23	
	-2947 Jun 29 j 09:01	30°♄		retrograde	-2946 Jun 08 j 14:01	12°♄26'19	
evening set	-2947 Jul 03 j 09:39	28°♄02'46		evening set	-2946 Jun 15 j 04:11	10°♄34'28	
min. Earth dist.	-2947 Jul 06 j 23:52	25°♄11'00	0.62167 AU	min. Earth dist.	-2946 Jun 19 j 02:35	7°♄53'56	0.60162 AU
inferior conj	-2947 Jul 10 j 00:26	22°♄21'29	-4°10'01	inferior conj	-2946 Jun 22 j 10:52	5°♄10'10	-4°25'42
minimum elong	-2947 Jul 10 j 03:33	22°♄14'10	4°09'29	minimum elong	-2946 Jun 22 j 11:32	5°♄08'46	4°25'35
morning rise	-2947 Jul 16 j 22:48	17°♄19'43		morning rise	-2946 Jun 29 j 20:53	0°♄29'55	
direct	-2947 Jul 19 j 12:11	16°♄50'47		direct	-2946 Jul 02 j 09:21	0°♄06'04	
morning max el	-2947 Jul 26 j 06:47	20°♄16'09	17°56'34	morning max el	-2946 Jul 09 j 18:11	3°♄40'42	18°12'58
asc. node	-2947 Jul 26 j 15:36	20°♄38'13		asc. node	-2946 Jul 13 j 12:40	8°♄04'28	
	-2947 Aug 02 j 12:51	0°♄		morning set	-2946 Jul 25 j 18:05	29°♄01'36	
morning set	-2947 Aug 11 j 11:43	15°♄38'58			-2946 Jul 26 j 06:29	0°♄	
	-2947 Aug 19 j 12:55	0°♄					
				superior conj	-2946 Aug 04 j 08:47	16°♄53'29	1°43'29
superior conj	-2947 Aug 22 j 11:00	5°♄03'23	1°26'17	minimum elong	-2946 Aug 04 j 11:21	17°♄05'06	1°43'26
minimum elong	-2947 Aug 22 j 15:58	5°♄24'42	1°25'54		-2946 Aug 11 j 20:14	0°♄	
max. Earth dist.	-2947 Aug 29 j 15:04	17°♄03'51	1.42789 AU	max. Earth dist.	-2946 Aug 11 j 22:08	0°♄08'06	1.41034 AU
evening rise	-2947 Sep 06 j 01:50	28°♄59'15		evening rise	-2946 Aug 17 j 00:30	8°♄36'54	
desc. node	-2947 Sep 06 j 08:51	29°♄26'42		desc. node	-2946 Aug 24 j 05:49	20°♄03'50	
	-2947 Sep 06 j 17:22	0°♄			-2946 Aug 30 j 20:03	0°♄	
	-2947 Sep 26 j 23:25	0°♄		evening max el	-2946 Sep 19 j 23:31	26°♄14'40	22°55'54
evening max el	-2947 Oct 07 j 07:40	12°♄47'36	21°37'17		-2946 Sep 24 j 07:29	0°♄	
retrograde	-2947 Oct 16 j 05:59	18°♄05'50		retrograde	-2946 Sep 30 j 00:02	2°♄11'02	
evening set	-2947 Oct 20 j 11:32	16°♄26'48		evening set	-2946 Oct 04 j 18:57	0°♄12'58	
asc. node	-2947 Oct 22 j 14:39	14°♄22'36			-2946 Oct 05 j 00:59	30°♄	
inferior conj	-2947 Oct 25 j 19:52	10°♄12'32	1°05'24	asc. node	-2946 Oct 09 j 11:45	24°♄45'29	
minimum elong	-2947 Oct 25 j 18:24	10°♄17'36	1°04'46	inferior conj	-2946 Oct 10 j 02:36	23°♄54'24	0°12'46
min. Earth dist.	-2947 Oct 26 j 01:27	9°♄53'16	0.67349 AU	minimum elong	-2946 Oct 10 j 02:18	23°♄55'27	0°12'39
morning rise	-2947 Oct 31 j 01:05	3°♄57'54		transit middle	-2946 Oct 10 j 02:18	23°♄55'27	0°12'39
direct	-2947 Nov 05 j 00:08	1°♄51'56		transit begin	-2946 Oct 10 j 00:35	24°♄01'20	
morning max el	-2947 Nov 15 j 05:03	7°♄57'12	23°12'12	transit end	-2946 Oct 10 j 04:00	23°♄49'33	
	-2947 Dec 02 j 09:20	0°♄		min. Earth dist.	-2946 Oct 09 j 21:51	24°♄10'46	0.67490 AU
desc. node	-2947 Dec 03 j 08:27	1°♄24'07		morning rise	-2946 Oct 15 j 09:32	17°♄42'27	
morning set	-2947 Dec 19 j 22:26	27°♄19'28		direct	-2946 Oct 19 j 18:07	15°♄58'27	
	-2947 Dec 21 j 12:40	0°♄		morning max el	-2946 Oct 28 j 18:36	21°♄18'34	21°47'32
max. Earth dist.	-2947 Dec 24 j 08:49	4°♄51'35	1.39594 AU		-2946 Nov 05 j 02:28	0°♄	
				desc. node	-2946 Nov 20 j 05:27	21°♄36'40	
superior conj	-2946 Jan 01 j 00:39	18°♄34'03	-1°55'45		-2946 Nov 25 j 16:48	0°♄	
minimum elong	-2946 Jan 01 j 01:47	18°♄39'20	1°55'49	morning set	-2946 Nov 29 j 19:37	6°♄28'53	
	-2946 Jan 07 j 02:11	0°♄		max. Earth dist.	-2946 Dec 06 j 08:53	17°♄08'12	1.41620 AU
evening rise	-2946 Jan 10 j 10:56	6°♄27'55					
asc. node	-2946 Jan 18 j 13:51	21°♄27'18		superior conj	-2946 Dec 13 j 23:28	0°♄06'22	-1°54'30
	-2946 Jan 24 j 07:46	0°♄		minimum elong	-2946 Dec 13 j 21:14	29°♄56'38	1°54'31
evening max el	-2946 Jan 26 j 18:02	2°♄40'34	18°33'04		-2946 Dec 13 j 22:00	0°♄	
retrograde	-2946 Feb 03 j 10:02	6°♄25'01		evening rise	-2946 Dec 24 j 16:12	19°♄25'21	
evening set	-2946 Feb 05 j 21:43	6°♄02'46			-2946 Dec 30 j 11:40	0°♄	
inferior conj	-2946 Feb 13 j 09:11	1°♄33'30	3°35'16	asc. node	-2945 Jan 05 j 10:53	9°♄48'33	
minimum elong	-2946 Feb 13 j 12:36	1°♄26'47	3°34'41	evening max el	-2945 Jan 10 j 02:30	15°♄34'45	18°11'23
	-2946 Feb 15 j 08:37	30°♄		retrograde	-2945 Jan 17 j 00:08	19°♄04'18	
min. Earth dist.	-2946 Feb 16 j 18:43	28°♄54'48	0.58491 AU	evening set	-2945 Jan 19 j 15:16	18°♄34'35	
morning rise	-2946 Feb 21 j 01:04	26°♄12'07		inferior conj	-2945 Jan 26 j 11:58	13°♄43'32	3°58'22
direct	-2946 Feb 27 j 01:40	24°♄40'02		minimum elong	-2945 Jan 26 j 12:43	13°♄41'49	3°58'14
desc. node	-2946 Mar 01 j 07:36	24°♄52'43		min. Earth dist.	-2945 Jan 29 j 17:46	10°♄47'45	0.60518 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-2945 Feb 02 j 08:36	8° $\text{Z}$ 02'57		min. Earth dist.	-2944 Jan 12 j 01:25	23° $\text{Z}$ 33'21	0.62474 AU
direct	-2945 Feb 09 j 03:12	5° $\text{Z}$ 53'18		morning rise	-2944 Jan 15 j 12:41	20° $\text{Z}$ 29'33	
desc. node	-2945 Feb 16 j 04:42	8° $\text{Z}$ 00'01		direct	-2944 Jan 22 j 13:51	17° $\text{Z}$ 51'58	
morning max el	-2945 Feb 23 j 07:17	13° $\text{Z}$ 35'09	27°26'23	desc. node	-2944 Feb 03 j 01:47	23° $\text{Z}$ 22'47	
	-2945 Mar 08 j 10:43	0° $\approx$		morning max el	-2944 Feb 05 j 12:18	25° $\text{Z}$ 38'19	27°44'01
	-2945 Mar 25 j 11:58	0° $\text{H}$			-2944 Feb 09 j 13:50	0° $\text{Z}$	
morning set	-2945 Mar 26 j 23:58	3° $\text{H}$ 04'15			-2944 Feb 29 j 21:04	0° $\approx$	
max. Earth dist.	-2945 Apr 02 j 09:41	16° $\text{H}$ 44'55	1.32543 AU	morning set	-2944 Mar 10 j 02:58	17° $\approx$ 33'22	
				max. Earth dist.	-2944 Mar 15 j 19:18	29° $\approx$ 25'56	1.32883 AU
					-2944 Mar 16 j 01:39	0° $\text{H}$	
superior conj	-2945 Apr 03 j 04:12	18° $\text{H}$ 26'04	-0°02'42				
minimum elong	-2945 Apr 03 j 04:19	18° $\text{H}$ 26'43	0°02'42				
behind sun begin	-2945 Apr 02 j 23:21	17° $\text{H}$ 59'32		superior conj	-2944 Mar 17 j 14:00	3° $\text{H}$ 16'04	-0°28'15
behind sun end	-2945 Apr 03 j 09:17	18° $\text{H}$ 53'54		minimum elong	-2944 Mar 17 j 15:17	3° $\text{H}$ 23'02	0°28'01
asc. node	-2945 Apr 03 j 10:20	18° $\text{H}$ 59'37		asc. node	-2944 Mar 20 j 07:20	9° $\text{H}$ 10'29	
	-2945 Apr 08 j 11:47	0° $\text{Y}$		evening rise	-2944 Mar 24 j 14:38	18° $\text{H}$ 24'46	
evening rise	-2945 Apr 10 j 02:59	3° $\text{Y}$ 28'18			-2944 Mar 30 j 08:20	0° $\text{Y}$	
	-2945 Apr 24 j 10:46	0° $\text{B}$		evening max el	-2944 Apr 18 j 01:14	27° $\text{Y}$ 16'12	24°01'53
evening max el	-2945 May 07 j 09:31	16° $\text{B}$ 28'35	25°30'26		-2944 Apr 21 j 05:07	0° $\text{B}$	
desc. node	-2945 May 15 j 03:36	22° $\text{B}$ 07'35		desc. node	-2944 May 01 j 00:43	4° $\text{B}$ 10'18	
retrograde	-2945 May 21 j 11:03	23° $\text{B}$ 40'18		retrograde	-2944 May 01 j 20:30	4° $\text{B}$ 11'51	
evening set	-2945 May 27 j 00:51	22° $\text{B}$ 27'01		evening set	-2944 May 06 j 01:37	3° $\text{B}$ 32'21	
min. Earth dist.	-2945 May 31 j 21:40	19° $\text{B}$ 40'49	0.58143 AU	min. Earth dist.	-2944 May 12 j 12:39	0° $\text{B}$ 25'57	0.56421 AU
inferior conj	-2945 Jun 04 j 03:13	17° $\text{B}$ 24'07	-4°14'49		-2944 May 13 j 05:38	30° $\text{R}$ $\text{Y}$	
minimum elong	-2945 Jun 04 j 00:09	17° $\text{B}$ 29'33	4°14'27	inferior conj	-2944 May 14 j 23:20	28° $\text{Y}$ 55'14	-3°26'39
morning rise	-2945 Jun 12 j 02:11	13° $\text{B}$ 05'34		minimum elong	-2944 May 14 j 17:16	29° $\text{Y}$ 04'40	3°25'14
direct	-2945 Jun 14 j 14:34	12° $\text{B}$ 45'46		morning rise	-2944 May 23 j 12:00	24° $\text{Y}$ 53'50	
morning max el	-2945 Jun 22 j 23:33	16° $\text{B}$ 42'02	18°49'34	direct	-2944 May 26 j 00:33	24° $\text{Y}$ 37'11	
asc. node	-2945 Jun 30 j 09:45	26° $\text{B}$ 21'08		morning max el	-2944 Jun 04 j 20:07	29° $\text{Y}$ 10'00	19°46'47
	-2945 Jul 02 j 13:44	0° $\text{II}$			-2944 Jun 05 j 16:46	0° $\text{B}$	
morning set	-2945 Jul 09 j 11:51	12° $\text{II}$ 59'33		asc. node	-2944 Jun 16 j 06:48	15° $\text{B}$ 15'36	
				morning set	-2944 Jun 22 j 13:35	27° $\text{B}$ 23'04	
					-2944 Jun 23 j 20:41	0° $\text{II}$	
superior conj	-2945 Jul 18 j 03:14	29° $\text{II}$ 46'55	1°48'46				
minimum elong	-2945 Jul 18 j 03:22	29° $\text{II}$ 47'34	1°48'53				
	-2945 Jul 18 j 05:59	0° $\text{E}$		superior conj	-2944 Jun 30 j 12:43	13° $\text{II}$ 26'54	1°44'53
max. Earth dist.	-2945 Jul 25 j 01:06	12° $\text{E}$ 30'35	1.39075 AU	minimum elong	-2944 Jun 30 j 11:09	13° $\text{II}$ 19'08	1°44'55
evening rise	-2945 Jul 29 j 00:36	19° $\text{E}$ 27'43		max. Earth dist.	-2944 Jul 06 j 04:03	24° $\text{II}$ 21'42	1.37163 AU
	-2945 Aug 04 j 08:56	0° $\text{O}$			-2944 Jul 09 j 05:12	0° $\text{E}$	
desc. node	-2945 Aug 11 j 02:48	10° $\text{O}$ 30'59		evening rise	-2944 Jul 10 j 01:11	1° $\text{E}$ 30'30	
	-2945 Aug 25 j 00:41	0° $\text{P}$		desc. node	-2944 Jul 27 j 23:50	0° $\text{O}$ 42'29	
evening max el	-2945 Sep 02 j 11:38	9° $\text{P}$ 44'02	24°16'15		-2944 Jul 27 j 12:14	0° $\text{O}$	
retrograde	-2945 Sep 13 j 14:37	16° $\text{P}$ 15'45		evening max el	-2944 Aug 14 j 22:25	23° $\text{O}$ 16'06	25°31'15
evening set	-2945 Sep 19 j 00:13	13° $\text{P}$ 58'27			-2944 Aug 25 j 00:04	0° $\text{P}$	
min. Earth dist.	-2945 Sep 23 j 17:34	8° $\text{P}$ 30'06	0.67324 AU	retrograde	-2944 Aug 27 j 01:02	0° $\text{P}$ 15'23	
inferior conj	-2945 Sep 24 j 08:43	7° $\text{P}$ 39'01	-0°41'11		-2944 Aug 28 j 23:55	30° $\text{R}$ $\text{O}$	
minimum elong	-2945 Sep 24 j 09:42	7° $\text{P}$ 35'43	0°40'44	evening set	-2944 Sep 02 j 01:30	27° $\text{O}$ 41'21	
asc. node	-2945 Sep 26 j 08:52	5° $\text{P}$ 01'16		min. Earth dist.	-2944 Sep 06 j 10:15	22° $\text{O}$ 49'13	0.66832 AU
morning rise	-2945 Sep 29 j 19:10	1° $\text{P}$ 32'36		inferior conj	-2944 Sep 07 j 12:29	21° $\text{O}$ 24'29	-1°34'51
direct	-2945 Oct 03 j 14:53	0° $\text{P}$ 09'07		minimum elong	-2944 Sep 07 j 14:44	21° $\text{O}$ 17'12	1°33'54
morning max el	-2945 Oct 11 j 15:04	4° $\text{P}$ 49'09	20°31'29	asc. node	-2944 Sep 12 j 05:57	16° $\text{O}$ 07'10	
	-2945 Oct 30 j 04:29	0° $\text{A}$		morning rise	-2944 Sep 13 j 04:06	15° $\text{O}$ 26'32	
desc. node	-2945 Nov 07 j 02:25	12° $\text{A}$ 03'29		direct	-2944 Sep 16 j 13:02	14° $\text{O}$ 20'41	
morning set	-2945 Nov 08 j 19:56	14° $\text{A}$ 44'07		morning max el	-2944 Sep 23 j 18:54	18° $\text{O}$ 29'02	19°28'20
	-2945 Nov 18 j 11:56	0° $\text{M}$			-2944 Oct 02 j 17:30	0° $\text{P}$	
max. Earth dist.	-2945 Nov 18 j 16:35	0° $\text{M}$ 18'45	1.43309 AU	morning set	-2944 Oct 17 j 21:19	23° $\text{P}$ 10'15	
					-2944 Oct 22 j 06:24	0° $\text{A}$	
superior conj	-2945 Nov 24 j 20:44	10° $\text{M}$ 24'42	-1°38'16	desc. node	-2944 Oct 23 j 23:24	2° $\text{A}$ 40'14	
minimum elong	-2945 Nov 24 j 14:35	9° $\text{M}$ 59'11	1°37'50	max. Earth dist.	-2944 Oct 31 j 06:26	14° $\text{A}$ 08'39	1.44438 AU
	-2945 Dec 06 j 07:39	0° $\text{Z}$					
evening rise	-2945 Dec 07 j 05:49	1° $\text{Z}$ 37'07		superior conj	-2944 Nov 03 j 15:01	19° $\text{A}$ 29'02	-1°04'47
asc. node	-2945 Dec 23 j 07:58	27° $\text{Z}$ 23'06		minimum elong	-2944 Nov 03 j 07:57	19° $\text{A}$ 00'48	1°04'00
evening max el	-2945 Dec 24 j 14:23	28° $\text{Z}$ 45'16	18°09'19		-2944 Nov 10 j 03:31	0° $\text{M}$	
	-2945 Dec 25 j 22:57	0° $\text{Z}$		evening rise	-2944 Nov 17 j 23:15	12° $\text{M}$ 54'29	
retrograde	-2945 Dec 31 j 03:57	2° $\text{Z}$ 13'19			-2944 Nov 28 j 07:22	0° $\text{Z}$	
evening set	-2944 Jan 02 j 22:28	1° $\text{Z}$ 35'17		evening max el	-2944 Dec 07 j 02:56	12° $\text{Z}$ 05'56	18°26'03
	-2944 Jan 05 j 11:21	30° $\text{R}$ $\text{Z}$		asc. node	-2944 Dec 09 j 05:02	13° $\text{Z}$ 57'41	
inferior conj	-2944 Jan 09 j 07:29	26° $\text{Z}$ 23'17	3°55'53	retrograde	-2944 Dec 13 j 16:56	15° $\text{Z}$ 43'18	
minimum elong	-2944 Jan 09 j 06:02	26° $\text{Z}$ 27'03	3°55'40	evening set	-2944 Dec 16 j 15:46	14° $\text{Z}$ 55'43	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-2944 Dec 22 j 15:50	9°♌24'54	3°35'31	minimum elong	-2943 Dec 06 j 06:22	22°♍50'43	3°01'56
minimum elong	-2944 Dec 22 j 13:07	9°♌32'40	3°34'57	min. Earth dist.	-2943 Dec 07 j 22:07	20°♍46'59	0.65521 AU
min. Earth dist.	-2944 Dec 24 j 19:05	6°♌57'51	0.64171 AU	morning rise	-2943 Dec 11 j 20:20	16°♍32'08	
morning rise	-2944 Dec 28 j 09:58	3°♌22'07		direct	-2943 Dec 18 j 08:57	13°♍42'31	
direct	-2943 Jan 04 j 08:12	0°♌31'13		morning max el	-2943 Dec 31 j 06:36	21°♍14'50	26°37'02
morning max el	-2943 Jan 17 j 21:02	8°♌15'50	27°25'49	desc. node	-2942 Jan 06 j 19:52	28°♍37'10	
desc. node	-2943 Jan 19 j 22:50	10°♌24'58			-2942 Jan 07 j 22:22	0°♌	
	-2943 Feb 03 j 19:21	0°♌			-2942 Jan 27 j 22:57	0°♌	
	-2943 Feb 21 j 02:46	0°♌		morning set	-2942 Feb 05 j 06:04	14°♌57'36	
morning set	-2943 Feb 21 j 22:12	1°♌35'09		max. Earth dist.	-2942 Feb 09 j 12:22	23°♌14'24	1.34802 AU
max. Earth dist.	-2943 Feb 26 j 21:20	11°♌38'22	1.33622 AU		-2942 Feb 12 j 20:42	0°♌	
superior conj	-2943 Mar 01 j 20:17	17°♌51'14	-0°53'22	superior conj	-2942 Feb 13 j 20:50	2°♌04'10	-1°16'48
minimum elong	-2943 Mar 01 j 22:39	18°♌03'47	0°52'58	minimum elong	-2942 Feb 13 j 23:58	2°♌20'21	1°16'24
asc. node	-2943 Mar 07 j 04:22	29°♌14'52		evening rise	-2942 Feb 21 j 10:48	17°♌52'38	
	-2943 Mar 07 j 12:52	0°♌		asc. node	-2942 Feb 22 j 01:24	19°♌07'54	
evening rise	-2943 Mar 09 j 01:51	3°♌15'05			-2942 Feb 27 j 13:47	0°♌	
	-2943 Mar 24 j 00:05	0°♌		evening max el	-2942 Mar 12 j 18:50	18°♌59'27	21°00'00
evening max el	-2943 Mar 30 j 18:17	7°♌57'37	22°27'26	retrograde	-2942 Mar 24 j 07:01	24°♌30'00	
retrograde	-2943 Apr 12 j 17:38	14°♌18'30		evening set	-2942 Mar 26 j 15:28	24°♌17'04	
evening set	-2943 Apr 15 j 17:15	13°♌58'55		inferior conj	-2942 Apr 04 j 20:55	20°♌19'03	-0°01'26
desc. node	-2943 Apr 17 j 21:49	13°♌21'22		minimum elong	-2942 Apr 04 j 20:51	20°♌19'09	0°01'25
min. Earth dist.	-2943 Apr 24 j 02:37	10°♌20'30	0.55345 AU	transit middle	-2942 Apr 04 j 20:51	20°♌19'09	0°01'25
inferior conj	-2943 Apr 25 j 01:57	9°♌47'18	-1°57'08	transit begin	-2942 Apr 04 j 16:46	20°♌24'57	
minimum elong	-2943 Apr 24 j 20:53	9°♌54'31	1°55'30	transit end	-2942 Apr 05 j 00:55	20°♌13'21	
morning rise	-2943 May 04 j 02:19	5°♌50'47		desc. node	-2942 Apr 04 j 18:53	20°♌21'57	
direct	-2943 May 06 j 18:01	5°♌34'36		min. Earth dist.	-2942 Apr 05 j 16:35	19°♌51'06	0.55160 AU
morning max el	-2943 May 18 j 06:00	10°♌57'27	21°03'35	morning rise	-2942 Apr 14 j 01:37	16°♌10'08	
	-2943 May 31 j 17:06	0°♌		direct	-2942 Apr 17 j 05:48	15°♌48'11	
asc. node	-2943 Jun 03 j 03:49	4°♌38'38		morning max el	-2942 Apr 30 j 05:18	22°♌03'52	22°36'08
morning set	-2943 Jun 06 j 20:44	12°♌05'12			-2942 May 07 j 01:42	0°♌	
superior conj	-2943 Jun 14 j 08:49	27°♌40'31	1°34'07	asc. node	-2942 May 21 j 00:51	24°♌22'57	
minimum elong	-2943 Jun 14 j 06:23	27°♌27'55	1°33'57	morning set	-2942 May 22 j 07:14	27°♌00'09	
	-2943 Jun 15 j 12:02	0°♌			-2942 May 23 j 17:30	0°♌	
max. Earth dist.	-2943 Jun 18 j 13:26	6°♌09'34	1.35511 AU	superior conj	-2942 May 29 j 12:14	12°♌17'47	1°18'14
evening rise	-2943 Jun 22 j 21:26	14°♌32'56		minimum elong	-2942 May 29 j 09:36	12°♌03'53	1°17'54
	-2943 Jul 01 j 13:06	0°♌		max. Earth dist.	-2942 Jun 01 j 08:54	18°♌18'00	1.34218 AU
desc. node	-2943 Jul 14 j 20:54	20°♌30'55		evening rise	-2942 Jun 06 j 08:13	28°♌20'43	
	-2943 Jul 22 j 04:11	0°♌			-2942 Jun 07 j 04:35	0°♌	
evening max el	-2943 Jul 28 j 09:39	6°♌47'46	26°32'48		-2942 Jun 24 j 17:21	0°♌	
retrograde	-2943 Aug 10 j 06:35	14°♌03'19		desc. node	-2942 Jul 01 j 17:56	9°♌46'29	
evening set	-2943 Aug 16 j 20:35	11°♌18'16		evening max el	-2942 Jul 10 j 21:16	20°♌10'55	27°12'59
min. Earth dist.	-2943 Aug 20 j 21:30	7°♌03'59	0.65997 AU	retrograde	-2942 Jul 24 j 06:38	27°♌32'36	
inferior conj	-2943 Aug 22 j 11:55	5°♌07'29	-2°26'24	evening set	-2942 Jul 31 j 06:50	24°♌45'44	
minimum elong	-2943 Aug 22 j 15:16	4°♌57'21	2°25'10	min. Earth dist.	-2942 Aug 04 j 01:03	21°♌08'34	0.64796 AU
	-2943 Aug 27 j 10:24	30°♌		inferior conj	-2942 Aug 06 j 04:51	18°♌44'20	-3°13'30
morning rise	-2943 Aug 28 j 10:16	29°♌21'03		minimum elong	-2942 Aug 06 j 08:50	18°♌33'13	3°12'17
asc. node	-2943 Aug 30 j 03:02	28°♌39'16		morning rise	-2942 Aug 12 j 11:25	13°♌12'45	
direct	-2943 Aug 31 j 10:50	28°♌29'20		direct	-2942 Aug 15 j 06:00	12°♌31'50	
	-2943 Sep 04 j 14:25	0°♌		asc. node	-2942 Aug 17 j 00:05	12°♌48'09	
morning max el	-2943 Sep 07 j 04:47	2°♌14'44	18°40'28	morning max el	-2942 Aug 21 j 18:33	16°♌02'31	18°09'21
	-2943 Sep 26 j 03:40	0°♌			-2942 Aug 31 j 18:36	0°♌	
morning set	-2943 Sep 27 j 20:10	2°♌42'18		morning set	-2942 Sep 08 j 22:54	13°♌35'51	
desc. node	-2943 Oct 10 j 20:22	23°♌22'45			-2942 Sep 18 j 21:22	0°♌	
superior conj	-2943 Oct 13 j 15:57	27°♌48'58	-0°17'57	superior conj	-2942 Sep 22 j 21:01	6°♌25'32	0°30'50
minimum elong	-2943 Oct 13 j 13:35	27°♌39'37	0°17'38	minimum elong	-2942 Sep 23 j 00:38	6°♌40'01	0°30'23
max. Earth dist.	-2943 Oct 13 j 23:52	28°♌20'06	1.44881 AU	max. Earth dist.	-2942 Sep 26 j 18:04	12°♌35'59	1.44594 AU
	-2943 Oct 15 j 01:15	0°♌		desc. node	-2942 Sep 27 j 17:23	14°♌08'08	
evening rise	-2943 Oct 29 j 16:33	23°♌09'26			-2942 Oct 07 j 20:45	0°♌	
	-2943 Nov 02 j 23:27	0°♌		evening rise	-2942 Oct 09 j 10:32	2°♌26'32	
evening max el	-2943 Nov 20 j 13:36	25°♌31'21	19°00'28	greatest brilliancy	-2942 Oct 22 j 09:58	22°♌19'50	-0.7m
asc. node	-2943 Nov 26 j 02:07	29°♌16'30			-2942 Oct 27 j 16:12	0°♌	
retrograde	-2943 Nov 27 j 11:17	29°♌27'11		evening max el	-2942 Nov 03 j 20:13	8°♌58'38	19°50'57
evening set	-2943 Nov 30 j 16:05	28°♌28'09		retrograde	-2942 Nov 11 j 08:13	13°♌21'11	
inferior conj	-2943 Dec 06 j 09:26	22°♌41'09	3°02'49	asc. node	-2942 Nov 12 j 23:09	13°♌05'58	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2942 Nov 14 j 20:59	12° $\mathbb{M}$ 08'21		evening max el	-2941 Oct 17 j 21:08	22° $\underline{\mathbf{a}}$ 25'18	20°55'19
inferior conj	-2942 Nov 20 j 09:31	6° $\mathbb{M}$ 08'02	2°21'36	retrograde	-2941 Oct 26 j 05:26	27° $\underline{\mathbf{a}}$ 21'48	
minimum elong	-2942 Nov 20 j 06:43	6° $\mathbb{M}$ 17'14	2°20'37	evening set	-2941 Oct 30 j 04:19	25° $\underline{\mathbf{a}}$ 52'46	
min. Earth dist.	-2942 Nov 21 j 08:55	4° $\mathbb{M}$ 50'49	0.66503 AU	asc. node	-2941 Oct 30 j 20:12	25° $\underline{\mathbf{a}}$ 20'18	
morning rise	-2942 Nov 25 j 16:16	29° $\underline{\mathbf{a}}$ 55'06		inferior conj	-2941 Nov 04 j 13:42	19° $\underline{\mathbf{a}}$ 42'28	1°34'28
	-2942 Nov 25 j 14:05	30° $\mathbb{R}$ $\underline{\mathbf{a}}$		minimum elong	-2941 Nov 04 j 11:40	19° $\underline{\mathbf{a}}$ 49'26	1°33'38
direct	-2942 Dec 01 j 15:18	27° $\underline{\mathbf{a}}$ 17'57		min. Earth dist.	-2941 Nov 05 j 01:23	19° $\underline{\mathbf{a}}$ 02'34	0.67129 AU
	-2942 Dec 08 j 13:28	0° $\mathbb{M}$		morning rise	-2941 Nov 09 j 18:51	13° $\underline{\mathbf{a}}$ 27'49	
morning max el	-2942 Dec 13 j 15:30	4° $\mathbb{M}$ 24'54	25°26'00	direct	-2941 Nov 15 j 02:36	11° $\underline{\mathbf{a}}$ 09'48	
desc. node	-2942 Dec 24 j 16:53	17° $\mathbb{M}$ 39'04		morning max el	-2941 Nov 26 j 00:13	17° $\underline{\mathbf{a}}$ 39'48	24°02'23
	-2941 Jan 02 j 08:06	0° $\mathbb{X}$			-2941 Dec 06 j 07:43	0° $\mathbb{M}$	
morning set	-2941 Jan 18 j 21:47	27° $\mathbb{X}$ 26'49		desc. node	-2941 Dec 11 j 13:55	7° $\mathbb{M}$ 16'07	
	-2941 Jan 20 j 07:22	0° $\mathbb{Z}$			-2941 Dec 26 j 09:50	0° $\mathbb{X}$	
max. Earth dist.	-2941 Jan 22 j 16:00	4° $\mathbb{Z}$ 23'36	1.36427 AU	morning set	-2941 Dec 31 j 15:26	8° $\mathbb{X}$ 47'00	
				max. Earth dist.	-2940 Jan 04 j 12:40	15° $\mathbb{X}$ 35'14	1.38390 AU
superior conj	-2941 Jan 28 j 12:54	15° $\mathbb{Z}$ 46'43	-1°36'51				
minimum elong	-2941 Jan 28 j 16:11	16° $\mathbb{Z}$ 03'03	1°36'36	superior conj	-2940 Jan 11 j 16:51	28° $\mathbb{X}$ 49'02	-1°51'14
	-2941 Feb 04 j 13:34	0° $\approx$		minimum elong	-2940 Jan 11 j 19:13	29° $\mathbb{X}$ 00'15	1°51'12
evening rise	-2941 Feb 05 j 15:30	2° $\approx$ 11'26			-2940 Jan 12 j 07:45	0° $\mathbb{Z}$	
asc. node	-2941 Feb 08 j 22:26	8° $\approx$ 44'21		evening rise	-2940 Jan 20 j 13:34	16° $\mathbb{Z}$ 04'59	
	-2941 Feb 22 j 15:23	0° $\mathbb{X}$		asc. node	-2940 Jan 26 j 19:27	27° $\mathbb{Z}$ 58'16	
evening max el	-2941 Feb 23 j 05:48	0° $\mathbb{X}$ 35'24	19°47'45		-2940 Jan 27 j 22:53	0° $\approx$	
retrograde	-2941 Mar 05 j 01:03	5° $\mathbb{X}$ 15'13		evening max el	-2940 Feb 06 j 02:59	12° $\approx$ 47'13	18°54'32
evening set	-2941 Mar 07 j 07:24	5° $\mathbb{X}$ 01'24		retrograde	-2940 Feb 14 j 10:53	16° $\approx$ 47'51	
inferior conj	-2941 Mar 15 j 22:27	0° $\mathbb{X}$ 59'10	1°48'26	evening set	-2940 Feb 16 j 20:16	16° $\approx$ 29'23	
minimum elong	-2941 Mar 16 j 02:38	0° $\mathbb{X}$ 52'39	1°47'06	inferior conj	-2940 Feb 24 j 17:27	12° $\approx$ 11'22	3°07'00
	-2941 Mar 17 j 12:25	30° $\mathbb{R}$ $\approx$		minimum elong	-2940 Feb 24 j 22:00	12° $\approx$ 03'10	3°05'58
min. Earth dist.	-2941 Mar 18 j 06:47	29° $\approx$ 31'49	0.55906 AU	min. Earth dist.	-2940 Feb 27 j 22:37	9° $\approx$ 53'35	0.57404 AU
desc. node	-2941 Mar 22 j 15:58	27° $\approx$ 11'04		morning rise	-2940 Mar 03 j 21:04	7° $\approx$ 04'32	
morning rise	-2941 Mar 24 j 19:33	26° $\approx$ 23'08		desc. node	-2940 Mar 08 j 13:02	5° $\approx$ 56'15	
direct	-2941 Mar 28 j 23:45	25° $\approx$ 44'24		direct	-2940 Mar 09 j 06:18	5° $\approx$ 54'59	
	-2941 Apr 08 j 18:11	0° $\mathbb{X}$		morning max el	-2940 Mar 23 j 12:49	13° $\approx$ 19'11	25°48'37
morning max el	-2941 Apr 11 j 21:30	2° $\mathbb{X}$ 42'07	24°15'46		-2940 Apr 05 j 15:09	0° $\mathbb{X}$	
	-2941 Apr 30 j 19:21	0° $\mathbb{Y}$		morning set	-2940 Apr 20 j 07:09	27° $\mathbb{X}$ 02'33	
morning set	-2941 May 06 j 19:15	12° $\mathbb{Y}$ 01'14			-2940 Apr 21 j 16:41	0° $\mathbb{Y}$	
asc. node	-2941 May 07 j 21:52	14° $\mathbb{Y}$ 21'49		asc. node	-2940 Apr 23 j 18:55	4° $\mathbb{Y}$ 30'09	
superior conj	-2941 May 13 j 20:22	27° $\mathbb{Y}$ 09'50	0°58'33	superior conj	-2940 Apr 27 j 07:13	12° $\mathbb{Y}$ 09'50	0°36'07
minimum elong	-2941 May 13 j 18:06	26° $\mathbb{Y}$ 57'34	0°58'10	minimum elong	-2940 Apr 27 j 05:41	12° $\mathbb{Y}$ 01'29	0°35'50
	-2941 May 15 j 03:58	0° $\mathbb{B}$		max. Earth dist.	-2940 Apr 28 j 00:18	13° $\mathbb{Y}$ 43'05	1.32733 AU
max. Earth dist.	-2941 May 15 j 13:32	0° $\mathbb{B}$ 51'18	1.33297 AU	evening rise	-2940 May 04 j 09:27	27° $\mathbb{Y}$ 20'39	
evening rise	-2941 May 21 j 05:17	12° $\mathbb{B}$ 40'03			-2940 May 05 j 16:32	0° $\mathbb{B}$	
	-2941 May 30 j 09:09	0° $\mathbb{II}$			-2940 May 22 j 19:00	0° $\mathbb{II}$	
desc. node	-2941 Jun 18 j 14:58	28° $\mathbb{II}$ 14'36		evening max el	-2940 Jun 04 j 13:12	15° $\mathbb{II}$ 38'10	27°05'05
	-2941 Jun 20 j 04:30	0° $\mathbb{E}$		desc. node	-2940 Jun 04 j 12:00	15° $\mathbb{II}$ 35'18	
evening max el	-2941 Jun 23 j 07:17	3° $\mathbb{E}$ 11'54	27°25'09	retrograde	-2940 Jun 18 j 11:49	22° $\mathbb{II}$ 58'44	
retrograde	-2941 Jul 07 j 00:33	10° $\mathbb{E}$ 34'01		evening set	-2940 Jun 25 j 10:41	20° $\mathbb{II}$ 46'40	
evening set	-2941 Jul 14 j 04:52	7° $\mathbb{E}$ 57'32		min. Earth dist.	-2940 Jun 29 j 02:49	18° $\mathbb{II}$ 02'03	0.61339 AU
min. Earth dist.	-2941 Jul 17 j 18:59	4° $\mathbb{E}$ 52'27	0.63226 AU	inferior conj	-2940 Jul 02 j 07:44	15° $\mathbb{II}$ 12'20	-4°19'13
inferior conj	-2941 Jul 20 j 12:31	2° $\mathbb{E}$ 08'26	-3°52'48	minimum elong	-2940 Jul 02 j 10:00	15° $\mathbb{II}$ 07'16	4°18'56
minimum elong	-2941 Jul 20 j 16:19	1° $\mathbb{E}$ 58'53	3°51'58	morning rise	-2940 Jul 09 j 10:56	10° $\mathbb{II}$ 19'51	
	-2941 Jul 22 j 17:34	30° $\mathbb{R}$ $\mathbb{II}$		direct	-2940 Jul 11 j 23:51	9° $\mathbb{II}$ 53'12	
morning rise	-2941 Jul 27 j 04:44	26° $\mathbb{II}$ 55'01		morning max el	-2940 Jul 18 j 23:16	13° $\mathbb{II}$ 20'47	18°01'11
direct	-2941 Jul 29 j 19:35	26° $\mathbb{II}$ 22'14		asc. node	-2940 Jul 20 j 18:14	15° $\mathbb{II}$ 16'12	
asc. node	-2941 Aug 03 j 21:09	28° $\mathbb{II}$ 25'18			-2940 Jul 30 j 06:33	0° $\mathbb{E}$	
morning max el	-2941 Aug 05 j 09:37	29° $\mathbb{II}$ 46'36	17°55'57	morning set	-2940 Aug 03 j 23:51	8° $\mathbb{E}$ 35'40	
	-2941 Aug 05 j 14:58	0° $\mathbb{E}$					
morning set	-2941 Aug 22 j 02:00	25° $\mathbb{E}$ 38'44		superior conj	-2940 Aug 14 j 08:01	27° $\mathbb{E}$ 16'52	1°35'12
	-2941 Aug 24 j 13:39	0° $\mathbb{Q}$		minimum elong	-2940 Aug 14 j 12:04	27° $\mathbb{E}$ 34'38	1°34'59
					-2940 Aug 15 j 21:26	0° $\mathbb{Q}$	
superior conj	-2941 Sep 03 j 00:40	16° $\mathbb{Q}$ 09'58	1°10'05	max. Earth dist.	-2940 Aug 21 j 19:58	10° $\mathbb{Q}$ 04'15	1.42080 AU
minimum elong	-2941 Sep 03 j 06:16	16° $\mathbb{Q}$ 33'19	1°09'31	evening rise	-2940 Aug 28 j 02:51	20° $\mathbb{Q}$ 16'50	
max. Earth dist.	-2941 Sep 09 j 09:43	26° $\mathbb{Q}$ 36'49	1.43615 AU	desc. node	-2940 Aug 31 j 11:20	25° $\mathbb{Q}$ 33'33	
	-2941 Sep 11 j 12:25	0° $\mathbb{N}$			-2940 Sep 03 j 08:20	0° $\mathbb{N}$	
desc. node	-2941 Sep 14 j 14:22	4° $\mathbb{N}$ 52'49			-2940 Sep 24 j 12:29	0° $\underline{\mathbf{a}}$	
evening rise	-2941 Sep 18 j 15:38	11° $\mathbb{N}$ 12'22		evening max el	-2940 Sep 29 j 15:52	5° $\underline{\mathbf{a}}$ 50'56	22°10'08
	-2941 Oct 01 j 01:26	0° $\underline{\mathbf{a}}$		retrograde	-2940 Oct 09 j 01:10	11° $\underline{\mathbf{a}}$ 25'53	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2940 Oct 13 j 12:12	9° $\Omega$ 38'44			-2939 Aug 27 j 18:47	0° $\Pi$	
asc. node	-2940 Oct 16 j 17:18	6° $\Omega$ 12'53		evening max el	-2939 Sep 12 j 05:44	19° $\Pi$ 18'22	23°30'21
inferior conj	-2940 Oct 18 j 20:01	3° $\Omega$ 21'56	0°43'20	retrograde	-2939 Sep 22 j 17:59	25° $\Pi$ 31'13	
minimum elong	-2940 Oct 18 j 19:02	3° $\Omega$ 25'22	0°42'54	evening set	-2939 Sep 27 j 18:55	23° $\Pi$ 24'59	
min. Earth dist.	-2940 Oct 18 j 21:05	3° $\Omega$ 18'14	0.67437 AU	min. Earth dist.	-2939 Oct 02 j 17:37	17° $\Pi$ 36'37	0.67447 AU
	-2940 Oct 21 j 08:31	30° $\mathbb{R}$ $\Pi$		inferior conj	-2939 Oct 03 j 02:43	17° $\Pi$ 05'26	-0°10'02
morning rise	-2940 Oct 24 j 01:44	27° $\Pi$ 08'06		minimum elong	-2939 Oct 03 j 02:57	17° $\Pi$ 04'38	0°09'56
direct	-2940 Oct 28 j 18:22	25° $\Pi$ 11'46		transit middle	-2939 Oct 03 j 02:57	17° $\Pi$ 04'38	0°09'56
	-2940 Nov 06 j 11:32	0° $\Omega$		transit begin	-2939 Oct 03 j 00:48	17° $\Pi$ 12'00	
morning max el	-2940 Nov 07 j 11:09	0° $\Omega$ 58'05	22°35'36	transit end	-2939 Oct 03 j 05:06	16° $\Pi$ 57'16	
desc. node	-2940 Nov 27 j 10:55	27° $\Omega$ 17'38		asc. node	-2939 Oct 03 j 14:24	16° $\Pi$ 25'32	
	-2940 Nov 29 j 06:22	0° $\Pi$		morning rise	-2939 Oct 08 j 10:55	10° $\Pi$ 55'13	
morning set	-2940 Dec 11 j 05:15	18° $\Pi$ 43'52		direct	-2939 Oct 12 j 13:43	9° $\Pi$ 20'15	
max. Earth dist.	-2940 Dec 16 j 09:19	27° $\Pi$ 20'27	1.40470 AU	morning max el	-2939 Oct 21 j 03:24	14° $\Pi$ 23'02	21°13'50
	-2940 Dec 17 j 22:40	0° $\mathbb{A}$			-2939 Nov 02 j 10:10	0° $\Omega$	
				desc. node	-2939 Nov 14 j 07:55	17° $\Omega$ 36'49	
superior conj	-2940 Dec 24 j 03:53	10° $\mathbb{A}$ 57'39	-1°56'49	morning set	-2939 Nov 20 j 15:37	27° $\Omega$ 23'54	
minimum elong	-2940 Dec 24 j 03:47	10° $\mathbb{A}$ 57'12	1°56'54		-2939 Nov 22 j 07:13	0° $\Pi$	
evening rise	-2939 Jan 03 j 02:00	29° $\mathbb{A}$ 24'58		max. Earth dist.	-2939 Nov 28 j 11:54	9° $\Pi$ 58'11	1.42387 AU
	-2939 Jan 03 j 09:25	0° $\mathbb{B}$					
asc. node	-2939 Jan 12 j 16:30	16° $\mathbb{B}$ 41'22		superior conj	-2939 Dec 05 j 16:25	21° $\Pi$ 59'36	-1°49'40
evening max el	-2939 Jan 19 j 08:09	25° $\mathbb{B}$ 28'09	18°21'25	minimum elong	-2939 Dec 05 j 12:27	21° $\Pi$ 42'39	1°49'32
retrograde	-2939 Jan 26 j 15:14	29° $\mathbb{B}$ 04'48			-2939 Dec 10 j 07:09	0° $\mathbb{A}$	
evening set	-2939 Jan 29 j 04:16	28° $\mathbb{B}$ 39'39		evening rise	-2939 Dec 17 j 01:10	12° $\mathbb{A}$ 03'41	
inferior conj	-2939 Feb 05 j 09:05	24° $\mathbb{B}$ 01'16	3°48'44		-2939 Dec 27 j 08:11	0° $\mathbb{B}$	
minimum elong	-2939 Feb 05 j 11:23	23° $\mathbb{B}$ 56'26	3°48'25	asc. node	-2939 Dec 30 j 13:33	4° $\mathbb{B}$ 44'11	
min. Earth dist.	-2939 Feb 08 j 18:26	21° $\mathbb{B}$ 12'07	0.59339 AU	evening max el	-2938 Jan 02 j 18:28	8° $\mathbb{B}$ 30'17	18°08'13
morning rise	-2939 Feb 12 j 16:24	18° $\mathbb{B}$ 30'25		retrograde	-2938 Jan 09 j 11:31	11° $\mathbb{B}$ 57'32	
direct	-2939 Feb 19 j 01:51	16° $\mathbb{B}$ 41'42		evening set	-2938 Jan 12 j 04:03	11° $\mathbb{B}$ 24'27	
desc. node	-2939 Feb 23 j 10:08	17° $\mathbb{B}$ 29'37		inferior conj	-2938 Jan 18 j 19:27	6° $\mathbb{B}$ 24'38	3°59'54
morning max el	-2939 Mar 05 j 08:17	24° $\mathbb{B}$ 20'06	26°59'43	minimum elong	-2938 Jan 18 j 19:10	6° $\mathbb{B}$ 25'21	3°59'47
	-2939 Mar 10 j 12:32	0° $\approx$		min. Earth dist.	-2938 Jan 21 j 21:01	3° $\mathbb{B}$ 28'30	0.61374 AU
	-2939 Mar 29 j 17:23	0° $\mathbb{H}$		morning rise	-2938 Jan 25 j 08:59	0° $\mathbb{B}$ 37'53	
morning set	-2939 Apr 04 j 17:10	11° $\mathbb{H}$ 56'54			-2938 Jan 26 j 08:48	30° $\mathbb{R}$ $\mathbb{A}$	
asc. node	-2939 Apr 10 j 15:57	24° $\mathbb{H}$ 42'42		direct	-2938 Feb 01 j 07:53	28° $\mathbb{A}$ 14'19	
					-2938 Feb 07 j 15:44	0° $\mathbb{B}$	
superior conj	-2939 Apr 11 j 19:00	27° $\mathbb{H}$ 10'48	0°11'50	desc. node	-2938 Feb 10 j 07:13	1° $\mathbb{B}$ 38'30	
minimum elong	-2939 Apr 11 j 18:29	27° $\mathbb{H}$ 07'54	0°11'44	morning max el	-2938 Feb 15 j 09:48	5° $\mathbb{B}$ 59'05	27°38'15
behind sun begin	-2939 Apr 11 j 15:07	26° $\mathbb{H}$ 49'27			-2938 Mar 05 j 12:13	0° $\approx$	
behind sun end	-2939 Apr 11 j 21:51	27° $\mathbb{H}$ 26'21		morning set	-2938 Mar 19 j 23:22	26° $\approx$ 37'23	
max. Earth dist.	-2939 Apr 11 j 13:30	26° $\mathbb{H}$ 40'37	1.32512 AU		-2938 Mar 21 j 14:29	0° $\mathbb{H}$	
	-2939 Apr 13 j 01:54	0° $\mathbb{Y}$		max. Earth dist.	-2938 Mar 26 j 01:26	9° $\mathbb{H}$ 31'08	1.32642 AU
evening rise	-2939 Apr 18 j 18:07	12° $\mathbb{Y}$ 13'09					
	-2939 Apr 27 j 21:01	0° $\mathbb{B}$		superior conj	-2938 Mar 27 j 06:03	12° $\mathbb{H}$ 06'42	-0°13'31
evening max el	-2939 May 17 j 13:05	27° $\mathbb{B}$ 22'11	26°12'54	minimum elong	-2938 Mar 27 j 06:40	12° $\mathbb{H}$ 10'03	0°13'24
	-2939 May 20 j 13:14	0° $\Pi$		behind sun begin	-2938 Mar 27 j 03:57	11° $\mathbb{H}$ 55'16	
desc. node	-2939 May 22 j 09:04	1° $\Pi$ 20'45		behind sun end	-2938 Mar 27 j 09:23	12° $\mathbb{H}$ 24'51	
retrograde	-2939 May 31 j 15:02	4° $\Pi$ 39'10		asc. node	-2938 Mar 28 j 12:58	14° $\mathbb{H}$ 55'22	
evening set	-2939 Jun 06 j 20:11	3° $\Pi$ 03'19		evening rise	-2938 Apr 03 j 05:14	27° $\mathbb{H}$ 10'15	
min. Earth dist.	-2939 Jun 11 j 02:00	0° $\Pi$ 22'20	0.59287 AU		-2938 Apr 04 j 13:42	0° $\mathbb{Y}$	
	-2939 Jun 11 j 14:01	30° $\mathbb{R}$ $\mathbb{B}$			-2938 Apr 21 j 23:06	0° $\mathbb{B}$	
inferior conj	-2939 Jun 14 j 10:51	27° $\mathbb{B}$ 47'10	-4°24'59	evening max el	-2938 Apr 29 j 07:07	8° $\mathbb{B}$ 26'47	24°54'25
minimum elong	-2939 Jun 14 j 10:02	27° $\mathbb{B}$ 48'44	4°24'53	desc. node	-2938 May 09 j 06:10	14° $\mathbb{B}$ 55'10	
morning rise	-2939 Jun 22 j 02:18	23° $\mathbb{B}$ 16'37		retrograde	-2938 May 13 j 07:35	15° $\mathbb{B}$ 33'18	
direct	-2939 Jun 24 j 14:30	22° $\mathbb{B}$ 54'44		evening set	-2938 May 18 j 07:39	14° $\mathbb{B}$ 36'03	
morning max el	-2939 Jul 02 j 08:33	26° $\mathbb{B}$ 37'00	18°26'03	min. Earth dist.	-2938 May 23 j 19:14	11° $\mathbb{B}$ 42'25	0.57352 AU
	-2939 Jul 05 j 09:24	0° $\Pi$		inferior conj	-2938 May 26 j 18:42	9° $\mathbb{B}$ 43'31	-3°59'31
asc. node	-2939 Jul 07 j 15:20	3° $\Pi$ 05'34		minimum elong	-2938 May 26 j 14:04	9° $\mathbb{B}$ 51'16	3°58'44
morning set	-2939 Jul 18 j 11:33	22° $\Pi$ 14'18		morning rise	-2938 Jun 03 j 23:27	5° $\mathbb{B}$ 32'52	
	-2939 Jul 22 j 12:47	0° $\mathbb{E}$		direct	-2938 Jun 06 j 11:42	5° $\mathbb{B}$ 14'37	
				morning max el	-2938 Jun 15 j 10:28	9° $\mathbb{B}$ 25'08	19°11'21
superior conj	-2939 Jul 27 j 15:21	9° $\mathbb{E}$ 36'09	1°47'00	asc. node	-2938 Jun 24 j 12:24	21° $\mathbb{B}$ 39'34	
minimum elong	-2939 Jul 27 j 16:50	9° $\mathbb{E}$ 42'58	1°47'04		-2938 Jun 29 j 02:24	0° $\Pi$	
max. Earth dist.	-2939 Aug 04 j 00:23	22° $\mathbb{E}$ 48'04	1.40204 AU	morning set	-2938 Jul 02 j 09:05	6° $\Pi$ 23'59	
evening rise	-2939 Aug 08 j 11:57	0° $\Omega$ 24'19					
	-2939 Aug 08 j 06:07	0° $\Omega$		superior conj	-2938 Jul 10 j 16:48	22° $\Pi$ 50'48	1°48'06
desc. node	-2939 Aug 18 j 08:20	16° $\Omega$ 06'59		minimum elong	-2938 Jul 10 j 16:07	22° $\Pi$ 47'27	1°48'11

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2938 Jul 14 j 10:52	0°☿		max. Earth dist.	-2937 Jun 29 j 08:02	16°♊42'45	1.36429 AU
max. Earth dist.	-2938 Jul 17 j 02:28	4°☿53'49	1.38242 AU	evening rise	-2937 Jul 03 j 08:41	24°♊17'38	
evening rise	-2938 Jul 20 j 23:00	11°☿47'07			-2937 Jul 06 j 12:34	0°☿	
	-2938 Jul 31 j 23:34	0°♌		desc. node	-2937 Jul 23 j 02:23	26°☿30'54	
desc. node	-2938 Aug 05 j 05:21	6°♌28'05			-2937 Jul 25 j 13:48	0°♌	
	-2938 Aug 23 j 00:22	0°♍		evening max el	-2937 Aug 08 j 04:12	16°♌22'35	25°59'29
evening max el	-2938 Aug 25 j 17:09	2°♍49'18	24°49'24	retrograde	-2937 Aug 20 j 15:00	23°♌29'10	
retrograde	-2938 Sep 06 j 06:49	9°♍33'44		evening set	-2937 Aug 26 j 21:35	20°♌49'40	
evening set	-2938 Sep 11 j 22:41	7°♍09'11		min. Earth dist.	-2937 Aug 31 j 03:00	16°♌13'35	0.66531 AU
min. Earth dist.	-2938 Sep 16 j 12:24	1°♍55'44	0.67154 AU	inferior conj	-2937 Sep 01 j 10:13	14°♌35'15	-1°57'06
inferior conj	-2938 Sep 17 j 08:03	0°♍50'30	-1°04'06	minimum elong	-2937 Sep 01 j 12:58	14°♌26'35	1°55'59
minimum elong	-2938 Sep 17 j 09:35	0°♍45'25	1°03'25	morning rise	-2937 Sep 07 j 04:31	8°♌41'49	
	-2938 Sep 17 j 23:19	30°♌♌		asc. node	-2937 Sep 07 j 08:35	8°♌35'43	
asc. node	-2938 Sep 20 j 11:30	26°♌56'03		direct	-2937 Sep 10 j 09:42	7°♌42'15	
morning rise	-2938 Sep 22 j 20:28	24°♌47'05		morning max el	-2937 Sep 17 j 09:29	11°♌39'17	19°05'57
direct	-2938 Sep 26 j 11:24	23°♌31'19			-2937 Sep 30 j 17:14	0°♍	
morning max el	-2938 Oct 04 j 02:54	27°♌56'46	20°02'48	morning set	-2937 Oct 09 j 21:55	14°♍23'25	
	-2938 Oct 06 j 00:09	0°♍		desc. node	-2937 Oct 19 j 01:53	28°♍47'16	
	-2938 Oct 26 j 22:35	0°♎			-2937 Oct 19 j 20:23	0°♎	
morning set	-2938 Oct 30 j 13:08	5°♎33'43		max. Earth dist.	-2937 Oct 24 j 14:36	7°♎29'30	1.44722 AU
desc. node	-2938 Nov 01 j 04:54	8°♎07'55					
max. Earth dist.	-2938 Nov 10 j 22:20	23°♎26'32	1.43869 AU	superior conj	-2937 Oct 26 j 10:37	10°♎23'22	-0°45'59
	-2938 Nov 15 j 00:06	0°♏		minimum elong	-2937 Oct 26 j 04:56	10°♎00'54	0°45'17
					-2937 Nov 07 j 16:30	0°♏	
superior conj	-2938 Nov 16 j 01:52	1°♏44'45	-1°26'07	evening rise	-2937 Nov 10 j 14:03	4°♏43'14	
minimum elong	-2938 Nov 15 j 18:42	1°♏15'33	1°25'30		-2937 Nov 26 j 13:58	0°♐	
evening rise	-2938 Nov 29 j 06:37	23°♏52'15		evening max el	-2937 Nov 30 j 18:58	5°♐08'06	18°38'37
	-2938 Dec 02 j 20:15	0°♐		asc. node	-2937 Dec 04 j 07:39	7°♐58'28	
asc. node	-2938 Dec 17 j 10:35	21°♐54'36		retrograde	-2937 Dec 07 j 11:17	8°♐52'12	
evening max el	-2938 Dec 17 j 06:59	21°♐45'33	18°14'17	evening set	-2937 Dec 10 j 12:31	7°♐59'49	
retrograde	-2938 Dec 23 j 19:36	25°♐15'57		inferior conj	-2937 Dec 16 j 09:26	2°♐21'30	3°22'53
evening set	-2938 Dec 26 j 15:55	24°♐33'54		minimum elong	-2937 Dec 16 j 06:29	2°♐30'19	3°22'10
inferior conj	-2937 Jan 01 j 20:49	19°♐13'41	3°49'01		-2937 Dec 18 j 08:58	30°♏♏	
minimum elong	-2937 Jan 01 j 18:43	19°♐19'23	3°48'41	min. Earth dist.	-2937 Dec 18 j 06:15	0°♐07'59	0.64787 AU
min. Earth dist.	-2937 Jan 04 j 08:39	16°♐31'57	0.63236 AU	morning rise	-2937 Dec 22 j 00:04	26°♏15'54	
morning rise	-2937 Jan 07 j 20:49	13°♐16'02		direct	-2937 Dec 28 j 18:47	23°♏24'17	
direct	-2937 Jan 14 j 21:56	10°♐30'53			-2936 Jan 09 j 23:16	0°♐	
desc. node	-2937 Jan 28 j 04:17	17°♐46'59		morning max el	-2936 Jan 11 j 01:53	1°♐04'32	27°08'33
morning max el	-2937 Jan 28 j 16:29	18°♐16'47	27°40'29	desc. node	-2936 Jan 15 j 01:19	5°♐21'25	
	-2937 Feb 07 j 14:33	0°♑			-2936 Feb 01 j 16:05	0°♑	
	-2937 Feb 26 j 07:26	0°♒		morning set	-2936 Feb 15 j 14:19	24°♑42'07	
morning set	-2937 Mar 03 j 23:27	10°♒56'04			-2936 Feb 18 j 06:51	0°♒	
max. Earth dist.	-2937 Mar 09 j 08:20	22°♒01'34	1.33145 AU	max. Earth dist.	-2936 Feb 20 j 06:14	3°♒59'34	1.34066 AU
superior conj	-2937 Mar 11 j 14:38	26°♒51'32	-0°38'59	superior conj	-2936 Feb 23 j 18:43	11°♒17'39	-1°03'35
minimum elong	-2937 Mar 11 j 16:24	27°♒01'01	0°38'41	minimum elong	-2936 Feb 23 j 21:28	11°♒32'05	1°03'11
	-2937 Mar 13 j 01:37	0°♓		asc. node	-2936 Mar 01 j 06:59	25°♒04'04	
asc. node	-2937 Mar 15 j 09:59	5°♓04'11		evening rise	-2936 Mar 02 j 03:24	26°♒50'55	
evening rise	-2937 Mar 18 j 16:56	12°♓05'22			-2936 Mar 03 j 15:59	0°♓	
	-2937 Mar 27 j 21:56	0°♔			-2936 Mar 22 j 19:53	0°♔	
evening max el	-2937 Apr 10 j 22:52	19°♔09'36	23°21'40	evening max el	-2936 Mar 22 j 18:20	29°♓56'18	21°48'49
retrograde	-2937 Apr 24 j 11:18	25°♔52'02		retrograde	-2936 Apr 04 j 04:03	5°♔57'17	
desc. node	-2937 Apr 26 j 03:16	25°♔45'51		evening set	-2936 Apr 06 j 19:30	5°♔41'38	
evening set	-2937 Apr 28 j 02:49	25°♔22'55		desc. node	-2936 Apr 12 j 00:21	3°♔51'44	
min. Earth dist.	-2937 May 05 j 09:30	22°♔04'42	0.55872 AU	inferior conj	-2936 Apr 16 j 04:31	1°♔37'36	-1°09'36
inferior conj	-2937 May 07 j 06:48	20°♔57'46	-2°53'27	minimum elong	-2936 Apr 16 j 01:18	1°♔42'08	1°08'30
minimum elong	-2937 May 07 j 00:32	21°♔07'04	2°51'44	min. Earth dist.	-2936 Apr 15 j 23:03	1°♔45'17	0.55150 AU
morning rise	-2937 May 16 j 00:53	17°♔00'10			-2936 Apr 19 j 03:53	30°♓♓	
direct	-2937 May 18 j 14:23	16°♔44'01		morning rise	-2936 Apr 25 j 08:04	27°♓38'33	
morning max el	-2937 May 29 j 02:34	21°♔36'42	20°17'05	direct	-2936 Apr 28 j 03:37	27°♓21'00	
	-2937 Jun 05 j 00:24	0°♕			-2936 May 06 j 09:31	0°♔	
asc. node	-2937 Jun 11 j 09:26	10°♕47'42		morning max el	-2936 May 10 j 07:46	3°♔06'00	21°41'23
morning set	-2937 Jun 16 j 13:28	20°♕56'59		asc. node	-2936 May 28 j 06:28	0°♕20'34	
	-2937 Jun 20 j 23:27	0°♖			-2936 May 28 j 02:20	0°♕	
				morning set	-2936 May 30 j 22:17	5°♕45'31	
superior conj	-2937 Jun 24 j 07:19	6°♖46'52	1°41'03				
minimum elong	-2937 Jun 24 j 05:17	6°♖36'36	1°40'59	superior conj	-2936 Jun 07 j 06:54	21°♕11'45	1°27'56



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2936 Jun 07 j 04:18	20° <b>8</b> 58'12	1°27'41		-2935 May 19 j 18:13	0° <b>8</b>	
max. Earth dist.	-2936 Jun 10 j 21:41	28° <b>8</b> 38'06	1.34919 AU				
	-2936 Jun 11 j 13:55	0° <b>II</b>		superior conj	-2935 May 22 j 12:36	5° <b>8</b> 56'07	1°10'17
evening rise	-2936 Jun 15 j 11:40	7° <b>II</b> 40'44		minimum elong	-2935 May 22 j 10:04	5° <b>8</b> 42'35	1°09'56
	-2936 Jun 28 j 03:05	0° <b>☾</b>		max. Earth dist.	-2935 May 24 j 21:03	10° <b>8</b> 55'44	1.33778 AU
desc. node	-2936 Jul 08 j 23:26	16° <b>☾</b> 06'42		evening rise	-2935 May 30 j 03:15	21° <b>8</b> 42'55	
evening max el	-2936 Jul 20 j 15:36	29° <b>☾</b> 51'21	26°52'45		-2935 Jun 03 j 10:11	0° <b>II</b>	
	-2936 Jul 20 j 19:11	0° <b>♊</b>			-2935 Jun 21 j 23:00	0° <b>☾</b>	
retrograde	-2936 Aug 02 j 18:12	7° <b>♊</b> 10'23		desc. node	-2935 Jun 25 j 20:28	5° <b>☾</b> 03'58	
evening set	-2936 Aug 09 j 13:17	4° <b>♊</b> 22'56		evening max el	-2935 Jul 03 j 02:35	13° <b>☾</b> 05'44	27°21'48
min. Earth dist.	-2936 Aug 13 j 11:05	0° <b>♊</b> 25'03	0.65541 AU	retrograde	-2935 Jul 16 j 15:57	20° <b>☾</b> 28'56	
	-2936 Aug 13 j 19:44	30° <b>♊</b> ☾		evening set	-2935 Jul 23 j 18:49	17° <b>☾</b> 44'30	
inferior conj	-2936 Aug 15 j 07:10	28° <b>☾</b> 15'53	-2°47'05	min. Earth dist.	-2935 Jul 27 j 10:42	14° <b>☾</b> 22'05	0.64172 AU
minimum elong	-2936 Aug 15 j 10:51	28° <b>☾</b> 05'04	2°45'49	inferior conj	-2935 Jul 29 j 20:31	11° <b>☾</b> 47'46	-3°31'23
morning rise	-2936 Aug 21 j 08:52	22° <b>☾</b> 35'41		minimum elong	-2935 Jul 30 j 00:33	11° <b>☾</b> 36'58	3°30'18
direct	-2936 Aug 24 j 06:37	21° <b>☾</b> 48'58		morning rise	-2935 Aug 05 j 07:03	6° <b>☾</b> 23'44	
asc. node	-2936 Aug 24 j 05:39	21° <b>☾</b> 48'59		direct	-2935 Aug 07 j 23:40	5° <b>☾</b> 46'45	
morning max el	-2936 Aug 30 j 21:24	25° <b>☾</b> 26'48	18°25'08	asc. node	-2935 Aug 11 j 02:44	6° <b>☾</b> 36'40	
	-2936 Sep 03 j 17:05	0° <b>♊</b>		morning max el	-2935 Aug 14 j 12:08	9° <b>☾</b> 13'52	18°01'23
morning set	-2936 Sep 19 j 08:39	24° <b>♊</b> 30'35			-2935 Aug 28 j 11:15	0° <b>♊</b>	
	-2936 Sep 22 j 17:41	0° <b>♊</b>		morning set	-2935 Aug 31 j 22:22	5° <b>♊</b> 54'58	
superior conj	-2936 Oct 04 j 10:26	18° <b>♊</b> 42'18	0°03'21	superior conj	-2935 Sep 13 j 23:39	27° <b>♊</b> 43'47	0°49'06
minimum elong	-2936 Oct 04 j 10:52	18° <b>♊</b> 44'03	0°03'18	minimum elong	-2935 Sep 14 j 04:41	28° <b>♊</b> 04'14	0°48'31
behind sun begin	-2936 Oct 03 j 23:48	18° <b>♊</b> 00'19			-2935 Sep 15 j 09:16	0° <b>♊</b>	
behind sun end	-2936 Oct 04 j 21:56	19° <b>♊</b> 27'44		max. Earth dist.	-2935 Sep 19 j 01:59	5° <b>♊</b> 55'44	1.44251 AU
desc. node	-2936 Oct 04 j 22:54	19° <b>♊</b> 31'33		desc. node	-2935 Sep 21 j 19:52	10° <b>♊</b> 16'48	
max. Earth dist.	-2936 Oct 06 j 08:59	21° <b>♊</b> 46'00	1.44847 AU	evening rise	-2935 Sep 30 j 07:26	23° <b>♊</b> 30'33	
	-2936 Oct 11 j 14:40	0° <b>♊</b>			-2935 Oct 04 j 12:46	0° <b>♊</b>	
evening rise	-2936 Oct 20 j 20:58	14° <b>♊</b> 32'30			-2935 Oct 25 j 12:14	0° <b>♊</b>	
	-2936 Oct 30 j 17:56	0° <b>♊</b>		evening max el	-2935 Oct 27 j 08:20	2° <b>♊</b> 00'56	20°16'50
greatest brilliancy	-2936 Oct 31 j 03:45	0° <b>♊</b> 37'54	-0.8m	retrograde	-2935 Nov 04 j 04:32	6° <b>♊</b> 37'36	
evening max el	-2936 Nov 13 j 04:05	18° <b>♊</b> 34'16	19°20'02	asc. node	-2935 Nov 07 j 01:46	5° <b>♊</b> 49'28	
retrograde	-2936 Nov 20 j 07:11	22° <b>♊</b> 40'56		evening set	-2935 Nov 07 j 21:13	5° <b>♊</b> 18'22	
asc. node	-2936 Nov 20 j 04:41	22° <b>♊</b> 40'52			-2935 Nov 12 j 18:18	30° <b>♊</b> ☾	
evening set	-2936 Nov 23 j 15:04	21° <b>♊</b> 36'19		inferior conj	-2935 Nov 13 j 08:13	29° <b>☾</b> 13'24	2°02'13
inferior conj	-2936 Nov 29 j 06:07	15° <b>♊</b> 43'01	2°46'13	minimum elong	-2935 Nov 13 j 05:42	29° <b>☾</b> 21'51	2°01'15
minimum elong	-2936 Nov 29 j 03:06	15° <b>♊</b> 52'41	2°45'16	min. Earth dist.	-2935 Nov 14 j 02:32	28° <b>☾</b> 11'53	0.66807 AU
min. Earth dist.	-2936 Nov 30 j 12:55	14° <b>♊</b> 04'23	0.65976 AU	morning rise	-2935 Nov 18 j 13:59	22° <b>☾</b> 59'11	
morning rise	-2936 Dec 04 j 14:53	9° <b>♊</b> 31'50		direct	-2935 Nov 24 j 06:34	20° <b>☾</b> 29'24	
direct	-2936 Dec 10 j 21:53	6° <b>♊</b> 46'36		morning max el	-2935 Dec 05 j 20:09	27° <b>☾</b> 22'40	24°51'18
morning max el	-2936 Dec 23 j 11:31	14° <b>♊</b> 10'20	26°09'06		-2935 Dec 08 j 07:28	0° <b>♊</b>	
desc. node	-2936 Dec 31 j 22:20	23° <b>♊</b> 56'51		desc. node	-2935 Dec 18 j 19:22	13° <b>♊</b> 14'57	
	-2935 Jan 05 j 10:41	0° <b>♊</b>			-2935 Dec 30 j 03:03	0° <b>♊</b>	
	-2935 Jan 24 j 09:47	0° <b>☾</b>		morning set	-2934 Jan 10 j 23:03	19° <b>♊</b> 45'15	
morning set	-2935 Jan 28 j 15:58	7° <b>☾</b> 43'43		max. Earth dist.	-2934 Jan 14 j 15:48	26° <b>♊</b> 25'57	1.37227 AU
max. Earth dist.	-2935 Feb 01 j 16:26	15° <b>☾</b> 22'40	1.35437 AU		-2934 Jan 16 j 13:53	0° <b>☾</b>	
superior conj	-2935 Feb 06 j 16:00	25° <b>☾</b> 18'12	-1°25'50	superior conj	-2934 Jan 21 j 03:22	8° <b>☾</b> 44'20	-1°43'50
minimum elong	-2935 Feb 06 j 19:18	25° <b>☾</b> 34'59	1°25'29	minimum elong	-2934 Jan 21 j 06:25	8° <b>☾</b> 59'15	1°43'40
	-2935 Feb 08 j 23:00	0° <b>☾</b>		evening rise	-2934 Jan 29 j 12:57	25° <b>☾</b> 28'58	
evening rise	-2935 Feb 14 j 10:48	11° <b>☾</b> 20'56			-2934 Jan 31 j 19:38	0° <b>☾</b>	
asc. node	-2935 Feb 16 j 04:00	14° <b>☾</b> 50'25		asc. node	-2934 Feb 03 j 01:01	4° <b>☾</b> 17'35	
	-2935 Feb 24 j 08:49	0° <b>♊</b>		evening max el	-2934 Feb 15 j 14:31	23° <b>☾</b> 02'02	19°22'44
evening max el	-2935 Mar 04 j 23:00	11° <b>♊</b> 10'45	20°27'07	retrograde	-2934 Feb 24 j 17:41	27° <b>☾</b> 23'06	
retrograde	-2935 Mar 15 j 18:07	16° <b>♊</b> 19'33		evening set	-2934 Feb 27 j 00:58	27° <b>☾</b> 07'44	
evening set	-2935 Mar 18 j 00:18	16° <b>♊</b> 06'59		inferior conj	-2934 Mar 07 j 08:31	23° <b>☾</b> 00'11	2°26'20
inferior conj	-2935 Mar 27 j 00:30	12° <b>♊</b> 08'54	0°47'46	minimum elong	-2934 Mar 07 j 13:20	22° <b>☾</b> 52'14	2°24'58
minimum elong	-2935 Mar 27 j 02:38	12° <b>♊</b> 05'47	0°47'01	min. Earth dist.	-2934 Mar 10 j 04:07	21° <b>☾</b> 09'18	0.56464 AU
min. Earth dist.	-2935 Mar 28 j 13:09	11° <b>♊</b> 15'13	0.55363 AU	morning rise	-2934 Mar 15 j 22:56	18° <b>☾</b> 10'25	
desc. node	-2935 Mar 29 j 21:24	10° <b>♊</b> 29'17		desc. node	-2934 Mar 16 j 18:27	17° <b>☾</b> 54'39	
morning rise	-2935 Apr 05 j 03:28	7° <b>♊</b> 49'30		direct	-2934 Mar 20 j 15:37	17° <b>☾</b> 19'54	
direct	-2935 Apr 08 j 16:17	7° <b>♊</b> 22'17		morning max el	-2934 Apr 03 j 18:33	24° <b>☾</b> 31'37	24°57'02
morning max el	-2935 Apr 22 j 03:35	13° <b>♊</b> 58'06	23°18'24		-2934 Apr 08 j 18:51	0° <b>♊</b>	
	-2935 May 04 j 10:54	0° <b>♊</b>			-2934 Apr 27 j 02:53	0° <b>♊</b>	
morning set	-2935 May 15 j 09:37	20° <b>♊</b> 43'24		morning set	-2934 Apr 29 j 21:47	5° <b>♊</b> 44'56	
asc. node	-2935 May 15 j 03:29	20° <b>♊</b> 11'22		asc. node	-2934 May 02 j 00:31	10° <b>♊</b> 14'33	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2934 May 06 j 22:08	20° $\Upsilon$ 52'19	0°49'19			-2933 Apr 18 j 16:59	0° $\Upsilon$	
minimum elong	-2934 May 06 j 20:09	20° $\Upsilon$ 41'28	0°48'59					
max. Earth dist.	-2934 May 08 j 04:32	23° $\Upsilon$ 37'04	1.33008 AU	superior conj	-2933 Apr 21 j 09:34	5° $\Upsilon$ 53'00	0°26'00	
	-2934 May 11 j 04:04	0° $\mathcal{B}$		minimum elong	-2933 Apr 21 j 08:26	5° $\Upsilon$ 46'49	0°25'47	
evening rise	-2934 May 14 j 03:42	6° $\mathcal{B}$ 12'33		max. Earth dist.	-2933 Apr 21 j 16:50	6° $\Upsilon$ 32'50	1.32595 AU	
	-2934 May 26 j 23:58	0° $\Pi$		evening rise	-2933 Apr 28 j 10:03	20° $\Upsilon$ 59'04		
desc. node	-2934 Jun 12 j 17:29	23° $\Pi$ 06'40			-2933 May 02 j 21:23	0° $\mathcal{B}$		
evening max el	-2934 Jun 15 j 11:18	25° $\Pi$ 54'08	27°20'48		-2933 May 21 j 10:31	0° $\Pi$		
	-2934 Jun 20 j 10:17	0° $\mathcal{E}$		evening max el	-2933 May 28 j 15:05	8° $\Pi$ 03'41	26°46'48	
retrograde	-2934 Jun 29 j 07:29	3° $\mathcal{E}$ 16'07		desc. node	-2933 May 30 j 14:33	9° $\Pi$ 50'57		
evening set	-2934 Jul 06 j 10:36	0° $\mathcal{E}$ 48'32		retrograde	-2933 Jun 11 j 15:19	15° $\Pi$ 22'19		
	-2934 Jul 07 j 13:16	30° $\mathcal{R}\Pi$		evening set	-2933 Jun 18 j 08:12	13° $\Pi$ 24'55		
min. Earth dist.	-2934 Jul 10 j 00:36	27° $\Pi$ 53'38	0.62450 AU	min. Earth dist.	-2933 Jun 22 j 04:33	10° $\Pi$ 43'57	0.60471 AU	
inferior conj	-2934 Jul 12 j 23:23	25° $\Pi$ 05'05	-4°06'00	inferior conj	-2933 Jun 25 j 12:14	7° $\Pi$ 58'03	-4°24'49	
minimum elong	-2934 Jul 13 j 02:44	24° $\Pi$ 57'05	4°05'25	minimum elong	-2933 Jun 25 j 13:24	7° $\Pi$ 55'38	4°24'41	
morning rise	-2934 Jul 19 j 20:07	20° $\Pi$ 00'06		morning rise	-2933 Jul 02 j 20:27	3° $\Pi$ 14'33		
direct	-2934 Jul 22 j 09:50	19° $\Pi$ 30'13		direct	-2933 Jul 05 j 09:02	2° $\Pi$ 49'57		
asc. node	-2934 Jul 28 j 23:50	22° $\Pi$ 47'27		morning max el	-2933 Jul 12 j 15:04	6° $\Pi$ 22'19	18°09'17	
morning max el	-2934 Jul 29 j 02:59	22° $\Pi$ 55'07	17°55'46	asc. node	-2933 Jul 15 j 20:56	10° $\Pi$ 04'47		
	-2934 Aug 03 j 16:21	0° $\mathcal{E}$			-2933 Jul 27 j 17:14	0° $\mathcal{E}$		
morning set	-2934 Aug 14 j 10:16	18° $\mathcal{E}$ 23'28		morning set	-2933 Jul 28 j 14:37	1° $\mathcal{E}$ 40'00		
	-2934 Aug 20 j 23:09	0° $\mathcal{Q}$						
superior conj	-2934 Aug 25 j 15:16	8° $\mathcal{Q}$ 04'04	1°22'28	superior conj	-2933 Aug 07 j 09:31	19° $\mathcal{E}$ 43'35	1°41'41	
minimum elong	-2934 Aug 25 j 20:30	8° $\mathcal{Q}$ 26'17	1°22'02	minimum elong	-2933 Aug 07 j 12:30	19° $\mathcal{E}$ 56'53	1°41'36	
max. Earth dist.	-2934 Sep 01 j 15:20	19° $\mathcal{Q}$ 43'33	1.43024 AU		-2933 Aug 13 j 06:16	0° $\mathcal{Q}$		
	-2934 Sep 08 j 01:27	0° $\mathcal{P}$		max. Earth dist.	-2933 Aug 14 j 23:30	2° $\mathcal{Q}$ 55'10	1.41319 AU	
desc. node	-2934 Sep 08 j 16:52	1° $\mathcal{P}$ 00'33		evening rise	-2933 Aug 20 j 08:12	11° $\mathcal{Q}$ 46'47		
evening rise	-2934 Sep 09 j 12:49	2° $\mathcal{P}$ 18'34		desc. node	-2933 Aug 26 j 13:52	21° $\mathcal{Q}$ 38'52		
	-2934 Sep 28 j 01:46	0° $\mathcal{Q}$			-2933 Sep 01 j 01:53	0° $\mathcal{P}$		
evening max el	-2934 Oct 10 j 06:43	15° $\mathcal{Q}$ 27'40	21°26'08	evening max el	-2933 Sep 22 j 23:20	28° $\mathcal{P}$ 54'30	22°43'53	
retrograde	-2934 Oct 19 j 01:14	20° $\mathcal{Q}$ 39'55			-2933 Sep 24 j 02:10	0° $\mathcal{Q}$		
evening set	-2934 Oct 23 j 05:00	19° $\mathcal{Q}$ 03'34		retrograde	-2933 Oct 02 j 19:46	4° $\mathcal{Q}$ 45'11		
asc. node	-2934 Oct 24 j 22:52	17° $\mathcal{Q}$ 25'53		evening set	-2933 Oct 07 j 12:38	2° $\mathcal{Q}$ 49'52		
inferior conj	-2934 Oct 28 j 13:35	12° $\mathcal{Q}$ 50'18	1°13'10		-2933 Oct 10 j 05:39	30° $\mathcal{R}\mathcal{P}$		
minimum elong	-2934 Oct 28 j 11:57	12° $\mathcal{Q}$ 55'54	1°12'28	asc. node	-2933 Oct 11 j 19:59	27° $\mathcal{P}$ 55'08		
min. Earth dist.	-2934 Oct 28 j 20:44	12° $\mathcal{Q}$ 25'40	0.67306 AU	inferior conj	-2933 Oct 12 j 20:18	26° $\mathcal{P}$ 31'40	0°20'53	
morning rise	-2934 Nov 02 j 18:43	6° $\mathcal{Q}$ 35'38		minimum elong	-2933 Oct 12 j 19:48	26° $\mathcal{P}$ 33'21	0°20'40	
direct	-2934 Nov 07 j 20:04	4° $\mathcal{Q}$ 26'26		min. Earth dist.	-2933 Oct 12 j 17:01	26° $\mathcal{P}$ 42'58	0.67489 AU	
morning max el	-2934 Nov 18 j 05:12	10° $\mathcal{Q}$ 37'58	23°25'08	morning rise	-2933 Oct 18 j 02:52	20° $\mathcal{P}$ 19'15		
	-2934 Dec 03 j 13:23	0° $\mathcal{M}$		direct	-2933 Oct 22 j 13:30	18° $\mathcal{P}$ 32'07		
desc. node	-2934 Dec 05 j 16:24	3° $\mathcal{M}$ 03'26		morning max el	-2933 Oct 31 j 18:03	23° $\mathcal{P}$ 58'43	21°59'45	
	-2934 Dec 22 j 22:05	0° $\mathcal{X}$			-2933 Nov 06 j 00:22	0° $\mathcal{Q}$		
morning set	-2934 Dec 23 j 05:18	0° $\mathcal{X}$ 30'21		desc. node	-2933 Nov 22 j 13:26	23° $\mathcal{Q}$ 13'29		
max. Earth dist.	-2934 Dec 27 j 11:10	7° $\mathcal{X}$ 46'31	1.39283 AU		-2933 Nov 27 j 00:11	0° $\mathcal{M}$		
				morning set	-2933 Dec 03 j 06:45	9° $\mathcal{M}$ 51'49		
superior conj	-2933 Jan 04 j 00:47	21° $\mathcal{X}$ 25'21	-1°54'55	max. Earth dist.	-2933 Dec 09 j 10:30	19° $\mathcal{M}$ 55'54	1.41330 AU	
minimum elong	-2933 Jan 04 j 02:18	21° $\mathcal{X}$ 32'25	1°54'57		-2933 Dec 15 j 08:09	0° $\mathcal{X}$		
	-2933 Jan 08 j 13:37	0° $\mathcal{Z}$		superior conj	-2933 Dec 17 j 02:59	3° $\mathcal{X}$ 07'47	-1°55'35	
evening rise	-2933 Jan 13 j 07:17	9° $\mathcal{Z}$ 08'36		minimum elong	-2933 Dec 17 j 01:22	3° $\mathcal{X}$ 00'36	1°55'38	
asc. node	-2933 Jan 20 j 22:03	23° $\mathcal{Z}$ 19'03		evening rise	-2933 Dec 27 j 14:35	22° $\mathcal{X}$ 12'30		
	-2933 Jan 25 j 02:59	0° $\approx$			-2933 Dec 31 j 20:08	0° $\mathcal{Z}$		
evening max el	-2933 Jan 29 j 15:30	5° $\approx$ 27'09	18°38'00	asc. node	-2932 Jan 07 j 19:06	11° $\mathcal{Z}$ 46'33		
retrograde	-2933 Feb 06 j 11:10	9° $\approx$ 15'13		evening max el	-2932 Jan 12 j 23:14	18° $\mathcal{Z}$ 18'23	18°13'21	
evening set	-2933 Feb 08 j 22:19	8° $\approx$ 53'57		retrograde	-2932 Jan 19 j 23:00	21° $\mathcal{Z}$ 49'26		
inferior conj	-2933 Feb 16 j 12:13	4° $\approx$ 27'37	3°29'01	evening set	-2932 Jan 22 j 13:36	21° $\mathcal{Z}$ 20'55		
minimum elong	-2933 Feb 16 j 15:59	4° $\approx$ 20'22	3°28'18	inferior conj	-2932 Jan 29 j 12:17	16° $\mathcal{Z}$ 33'03	3°56'41	
min. Earth dist.	-2933 Feb 19 j 21:07	1° $\approx$ 53'41	0.58199 AU	minimum elong	-2932 Jan 29 j 13:25	16° $\mathcal{Z}$ 30'29	3°56'32	
	-2933 Feb 22 j 17:37	30° $\mathcal{R}\mathcal{Z}$		min. Earth dist.	-2932 Feb 01 j 19:14	13° $\mathcal{Z}$ 38'17	0.60211 AU	
morning rise	-2933 Feb 24 j 07:10	29° $\mathcal{Z}$ 09'52		morning rise	-2932 Feb 05 j 11:34	10° $\mathcal{Z}$ 54'42		
direct	-2933 Mar 02 j 04:05	27° $\mathcal{Z}$ 43'47		direct	-2932 Feb 12 j 04:06	8° $\mathcal{Z}$ 50'22		
desc. node	-2933 Mar 03 j 15:33	27° $\mathcal{Z}$ 49'13		desc. node	-2932 Feb 18 j 12:38	10° $\mathcal{Z}$ 33'01		
	-2933 Mar 09 j 17:56	0° $\approx$		morning max el	-2932 Feb 26 j 08:57	16° $\mathcal{Z}$ 31'25	27°20'37	
morning max el	-2933 Mar 16 j 10:51	5° $\approx$ 14'41	26°22'23		-2932 Mar 08 j 11:36	0° $\approx$		
	-2933 Apr 03 j 13:50	0° $\mathcal{X}$			-2932 Mar 26 j 00:12	0° $\mathcal{X}$		
morning set	-2933 Apr 14 j 09:04	20° $\mathcal{X}$ 43'31		morning set	-2932 Mar 28 j 17:44	5° $\mathcal{X}$ 33'07		
asc. node	-2933 Apr 18 j 21:32	0° $\Upsilon$ 24'45						

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2932 Apr 04 j 21:13	20° $\text{H}$ 52'30	0°01'11			-2931 Mar 17 j 15:31	0° $\text{H}$	
minimum elong	-2932 Apr 04 j 21:10	20° $\text{H}$ 52'13	0°01'09	max. Earth dist.		-2931 Mar 18 j 16:30	2° $\text{H}$ 13'54	1.32808 AU
behind sun begin	-2932 Apr 04 j 16:10	20° $\text{H}$ 24'50						
behind sun end	-2932 Apr 05 j 02:11	21° $\text{H}$ 19'38		superior conj		-2931 Mar 20 j 07:24	5° $\text{H}$ 44'04	-0°24'22
max. Earth dist.	-2932 Apr 04 j 06:12	19° $\text{H}$ 30'20	1.32526 AU	minimum elong		-2931 Mar 20 j 08:31	5° $\text{H}$ 50'06	0°24'10
asc. node	-2932 Apr 04 j 18:33	20° $\text{H}$ 37'54		asc. node		-2931 Mar 22 j 15:34	10° $\text{H}$ 49'13	
	-2932 Apr 09 j 01:35	0° $\text{Y}$		evening rise		-2931 Mar 27 j 07:33	20° $\text{H}$ 51'10	
evening rise	-2932 Apr 11 j 20:01	5° $\text{Y}$ 54'36				-2931 Mar 31 j 19:02	0° $\text{Y}$	
	-2932 Apr 24 j 15:03	0° $\text{Z}$				-2931 Apr 20 j 19:57	0° $\text{Z}$	
evening max el	-2932 May 09 j 12:13	19° $\text{Z}$ 29'19	25°42'07	evening max el		-2931 Apr 21 j 04:17	0° $\text{Z}$ 20'13	24°15'46
desc. node	-2932 May 16 j 11:37	24° $\text{Z}$ 45'20		desc. node		-2931 May 03 j 08:40	7° $\text{Z}$ 12'52	
retrograde	-2932 May 23 j 13:55	26° $\text{Z}$ 42'41		retrograde		-2931 May 05 j 01:25	7° $\text{Z}$ 19'30	
evening set	-2932 May 29 j 08:09	25° $\text{Z}$ 23'29		evening set		-2931 May 09 j 11:24	6° $\text{Z}$ 35'49	
min. Earth dist.	-2932 Jun 03 j 00:28	22° $\text{Z}$ 39'12	0.58435 AU	min. Earth dist.		-2931 May 15 j 15:57	3° $\text{Z}$ 33'00	0.56643 AU
inferior conj	-2932 Jun 06 j 07:25	20° $\text{Z}$ 17'00	-4°18'42	inferior conj		-2931 May 18 j 06:31	1° $\text{Z}$ 54'30	-3°36'43
minimum elong	-2932 Jun 06 j 04:57	20° $\text{Z}$ 21'29	4°18'25	minimum elong		-2931 May 18 j 00:43	2° $\text{Z}$ 03'41	3°35'28
morning rise	-2932 Jun 14 j 04:25	15° $\text{Z}$ 55'34				-2931 May 21 j 10:21	30° $\text{R}$ $\text{Y}$	
direct	-2932 Jun 16 j 16:46	15° $\text{Z}$ 35'15		morning rise		-2931 May 26 j 17:09	27° $\text{Y}$ 51'03	
morning max el	-2932 Jun 24 j 21:30	19° $\text{Z}$ 27'15	18°42'51	direct		-2931 May 29 j 05:31	27° $\text{Y}$ 34'05	
asc. node	-2932 Jul 01 j 17:59	28° $\text{Z}$ 14'11				-2931 Jun 05 j 07:58	0° $\text{Z}$	
	-2932 Jul 02 j 20:09	0° $\text{II}$		morning max el		-2931 Jun 07 j 19:32	2° $\text{Z}$ 00'45	19°36'58
morning set	-2932 Jul 11 j 06:52	15° $\text{II}$ 32'40		asc. node		-2931 Jun 18 j 15:01	17° $\text{Z}$ 03'30	
	-2932 Jul 18 j 17:57	0° $\text{S}$		morning set		-2931 Jun 25 j 07:35	29° $\text{Z}$ 52'36	
						-2931 Jun 25 j 09:03	0° $\text{II}$	
superior conj	-2932 Jul 20 j 01:14	2° $\text{S}$ 28'14	1°48'38	superior conj		-2931 Jul 03 j 08:46	16° $\text{II}$ 02'02	1°45'59
minimum elong	-2932 Jul 20 j 01:42	2° $\text{S}$ 30'26	1°48'43	minimum elong		-2931 Jul 03 j 07:24	15° $\text{II}$ 55'18	1°46'01
max. Earth dist.	-2932 Jul 27 j 02:39	15° $\text{S}$ 22'18	1.39366 AU	max. Earth dist.		-2931 Jul 09 j 04:58	27° $\text{II}$ 15'33	1.37432 AU
evening rise	-2932 Jul 31 j 04:20	22° $\text{S}$ 25'37				-2931 Jul 10 j 16:30	0° $\text{S}$	
	-2932 Aug 04 j 17:37	0° $\text{O}$		evening rise		-2931 Jul 13 j 01:31	4° $\text{S}$ 18'21	
desc. node	-2932 Aug 12 j 10:53	12° $\text{O}$ 07'39				-2931 Jul 28 j 17:39	0° $\text{O}$	
	-2932 Aug 25 j 00:19	0° $\text{P}$		desc. node		-2931 Jul 30 j 07:53	2° $\text{O}$ 21'49	
evening max el	-2932 Sep 04 j 11:45	12° $\text{P}$ 22'54	24°04'27	evening max el		-2931 Aug 17 j 22:35	25° $\text{O}$ 54'41	25°20'47
retrograde	-2932 Sep 15 j 11:01	18° $\text{P}$ 50'10				-2931 Aug 22 j 16:55	0° $\text{P}$	
evening set	-2932 Sep 20 j 18:21	16° $\text{P}$ 35'36		retrograde		-2931 Aug 29 j 22:07	2° $\text{P}$ 50'44	
min. Earth dist.	-2932 Sep 25 j 13:01	11° $\text{P}$ 02'01	0.67365 AU	evening set		-2931 Sep 04 j 20:20	0° $\text{P}$ 19'04	
inferior conj	-2932 Sep 26 j 02:37	10° $\text{P}$ 15'57	-0°33'00			-2931 Sep 05 j 04:52	30° $\text{R}$ $\text{O}$	
minimum elong	-2932 Sep 26 j 03:24	10° $\text{P}$ 13'17	0°32'37	min. Earth dist.		-2931 Sep 09 j 06:20	25° $\text{O}$ 21'16	0.66923 AU
asc. node	-2932 Sep 27 j 17:05	8° $\text{P}$ 08'01		inferior conj		-2931 Sep 10 j 06:49	24° $\text{O}$ 01'30	-1°26'49
morning rise	-2932 Oct 01 j 12:25	4° $\text{P}$ 08'30		minimum elong		-2931 Sep 10 j 08:53	23° $\text{O}$ 54'46	1°25'55
direct	-2932 Oct 05 j 09:53	2° $\text{P}$ 42'12		asc. node		-2931 Sep 14 j 14:09	19° $\text{O}$ 03'15	
morning max el	-2932 Oct 13 j 13:26	7° $\text{P}$ 27'58	20°42'05	morning rise		-2931 Sep 15 j 21:33	18° $\text{O}$ 01'59	
	-2932 Oct 30 j 10:12	0° $\text{A}$		direct		-2931 Sep 19 j 07:56	16° $\text{O}$ 53'42	
desc. node	-2932 Nov 08 j 10:26	13° $\text{A}$ 38'28		morning max el		-2931 Sep 26 j 16:09	21° $\text{O}$ 06'22	19°36'48
morning set	-2932 Nov 11 j 09:03	18° $\text{A}$ 11'35				-2931 Oct 03 j 19:33	0° $\text{P}$	
	-2932 Nov 18 j 20:37	0° $\text{M}$		morning set		-2931 Oct 21 j 08:39	26° $\text{P}$ 31'23	
max. Earth dist.	-2932 Nov 20 j 16:50	2° $\text{M}$ 58'01	1.43085 AU			-2931 Oct 23 j 14:18	0° $\text{A}$	
				desc. node		-2931 Oct 26 j 07:26	4° $\text{A}$ 13'59	
superior conj	-2932 Nov 27 j 04:19	13° $\text{M}$ 37'26	-1°41'50	max. Earth dist.		-2931 Nov 03 j 05:42	16° $\text{A}$ 42'20	1.44313 AU
minimum elong	-2932 Nov 26 j 22:41	13° $\text{M}$ 13'51	1°41'29					
	-2932 Dec 06 j 17:13	0° $\text{J}$		superior conj		-2931 Nov 07 j 02:23	22° $\text{A}$ 51'56	-1°10'55
evening rise	-2932 Dec 09 j 06:50	4° $\text{J}$ 31'29		minimum elong		-2931 Nov 06 j 19:06	22° $\text{A}$ 22'41	1°10'08
asc. node	-2932 Dec 24 j 16:10	29° $\text{J}$ 28'49				-2931 Nov 11 j 12:21	0° $\text{M}$	
	-2932 Dec 25 j 02:44	0° $\text{S}$		evening rise		-2931 Nov 21 j 03:31	15° $\text{M}$ 57'09	
evening max el	-2932 Dec 26 j 10:45	1° $\text{S}$ 26'36	18°08'25			-2931 Nov 29 j 13:00	0° $\text{J}$	
retrograde	-2931 Jan 02 j 01:02	4° $\text{S}$ 54'12		evening max el		-2931 Dec 09 j 23:22	14° $\text{J}$ 45'56	18°22'23
evening set	-2931 Jan 04 j 18:57	4° $\text{S}$ 17'33		asc. node		-2931 Dec 11 j 13:13	16° $\text{J}$ 13'10	
	-2931 Jan 10 j 09:10	30° $\text{R}$ $\text{J}$		retrograde		-2931 Dec 16 j 12:46	18° $\text{J}$ 21'06	
inferior conj	-2931 Jan 11 j 05:32	29° $\text{J}$ 08'40	3°57'30	evening set		-2931 Dec 19 j 10:53	17° $\text{J}$ 35'02	
minimum elong	-2931 Jan 11 j 04:21	29° $\text{J}$ 11'40	3°57'21	inferior conj		-2931 Dec 25 j 12:09	12° $\text{J}$ 07'01	3°39'27
min. Earth dist.	-2931 Jan 14 j 01:35	26° $\text{J}$ 16'25	0.62194 AU	minimum elong		-2931 Dec 25 j 09:34	12° $\text{J}$ 14'18	3°38'57
morning rise	-2931 Jan 17 j 12:44	23° $\text{J}$ 16'30		min. Earth dist.		-2931 Dec 27 j 17:42	9° $\text{J}$ 35'39	0.63944 AU
direct	-2931 Jan 24 j 13:36	20° $\text{J}$ 42'01		morning rise		-2931 Dec 31 j 07:41	6° $\text{J}$ 05'26	
desc. node	-2931 Feb 04 j 09:42	25° $\text{J}$ 37'17		direct		-2930 Jan 07 j 06:57	3° $\text{J}$ 15'25	
morning max el	-2931 Feb 07 j 13:10	28° $\text{J}$ 28'27	27°43'41	morning max el		-2930 Jan 20 j 21:24	11° $\text{J}$ 00'47	27°30'35
	-2931 Feb 09 j 01:08	0° $\text{S}$		desc. node		-2930 Jan 22 j 06:47	12° $\text{J}$ 26'07	
	-2931 Mar 02 j 05:45	0° $\approx$				-2930 Feb 04 j 23:19	0° $\text{S}$	
morning set	-2931 Mar 12 j 21:37	20° $\approx$ 05'22						

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2930 Feb 22 j 14:37	0°♊		morning set	-2929 Feb 08 j 04:01	17°♊40'48	
morning set	-2930 Feb 24 j 18:11	4°♊11'30		max. Earth dist.	-2929 Feb 12 j 12:39	26°♊12'23	1.34596 AU
max. Earth dist.	-2930 Mar 01 j 19:46	14°♊30'25	1.33483 AU		-2929 Feb 14 j 09:42	0°♊	
superior conj	-2930 Mar 04 j 14:19	20°♊21'42	-0°49'37	superior conj	-2929 Feb 16 j 15:54	4°♊38'45	-1°13'25
minimum elong	-2930 Mar 04 j 16:32	20°♊33'30	0°49'16	minimum elong	-2929 Feb 16 j 18:57	4°♊54'35	1°13'00
	-2930 Mar 09 j 02:20	0°♋		evening rise	-2929 Feb 24 j 04:21	20°♊22'50	
asc. node	-2930 Mar 09 j 12:34	0°♋54'38		asc. node	-2929 Feb 24 j 09:34	20°♊49'51	
evening rise	-2930 Mar 11 j 18:55	5°♋42'32			-2929 Feb 28 j 23:19	0°♋	
	-2930 Mar 24 j 23:19	0°♌		evening max el	-2929 Mar 15 j 19:59	21°♋59'03	21°12'15
evening max el	-2930 Apr 02 j 20:48	11°♌01'06	22°41'22	retrograde	-2929 Mar 27 j 13:56	27°♋37'30	
retrograde	-2930 Apr 16 j 00:10	17°♌28'03		evening set	-2929 Mar 29 j 23:48	27°♋24'06	
evening set	-2930 Apr 19 j 03:22	17°♌06'33		desc. node	-2929 Apr 07 j 02:49	24°♋04'15	
desc. node	-2930 Apr 20 j 05:45	16°♌49'21		inferior conj	-2929 Apr 08 j 06:37	23°♋25'13	-0°19'28
min. Earth dist.	-2930 Apr 27 j 06:01	13°♌33'50	0.55452 AU	minimum elong	-2929 Apr 08 j 05:42	23°♋26'30	0°19'09
inferior conj	-2930 Apr 28 j 11:19	12°♌51'49	-2°13'01	min. Earth dist.	-2929 Apr 08 j 19:51	23°♋06'31	0.55127 AU
minimum elong	-2930 Apr 28 j 05:47	12°♌59'47	2°11'17	morning rise	-2929 Apr 17 j 11:23	19°♋19'30	
morning rise	-2930 May 07 j 10:13	8°♌55'26		direct	-2929 Apr 20 j 13:01	18°♋58'58	
direct	-2930 May 10 j 01:06	8°♌39'24		morning max el	-2929 May 03 j 07:45	25°♋06'45	22°21'35
morning max el	-2930 May 21 j 07:01	13°♌54'25	20°50'58		-2929 May 07 j 19:39	0°♍	
	-2930 Jun 02 j 01:20	0°♍		asc. node	-2929 May 23 j 09:04	26°♍04'35	
asc. node	-2930 Jun 05 j 12:02	6°♍22'48		morning set	-2929 May 25 j 00:12	29°♍26'16	
morning set	-2930 Jun 09 j 14:02	14°♍32'24			-2929 May 25 j 06:40	0°♍	
superior conj	-2930 Jun 17 j 03:30	0°♎11'12	1°36'07	superior conj	-2929 Jun 01 j 06:01	14°♍45'47	1°20'54
minimum elong	-2930 Jun 17 j 01:08	29°♍59'06	1°35'59	minimum elong	-2929 Jun 01 j 03:23	14°♍31'52	1°20'37
	-2930 Jun 17 j 01:18	0°♎		max. Earth dist.	-2929 Jun 04 j 07:18	21°♍08'20	1.34391 AU
max. Earth dist.	-2930 Jun 21 j 13:11	9°♎02'47	1.35737 AU		-2929 Jun 08 j 16:51	0°♎	
evening rise	-2930 Jun 25 j 19:10	17°♎12'54		evening rise	-2929 Jun 09 j 04:06	0°♎55'02	
	-2930 Jul 02 j 22:20	0°♏			-2929 Jun 25 j 22:03	0°♏	
desc. node	-2930 Jul 17 j 04:54	22°♏14'06		desc. node	-2929 Jul 04 j 01:54	11°♏35'16	
	-2930 Jul 23 j 00:37	0°♐		evening max el	-2929 Jul 13 j 21:26	22°♏52'10	27°08'33
evening max el	-2930 Jul 31 j 09:47	9°♐27'02	26°24'51		-2929 Jul 25 j 03:53	0°♐	
retrograde	-2930 Aug 13 j 04:19	16°♐40'31		retrograde	-2929 Jul 27 j 05:05	0°♐13'01	
evening set	-2930 Aug 19 j 16:26	13°♐56'47			-2929 Jul 29 j 04:41	30°♑♏	
min. Earth dist.	-2930 Aug 23 j 18:32	9°♐36'44	0.66145 AU	evening set	-2929 Aug 03 j 04:11	27°♏25'41	
inferior conj	-2930 Aug 25 j 07:00	7°♐44'57	-2°18'50	min. Earth dist.	-2929 Aug 06 j 23:18	23°♏43'16	0.65006 AU
minimum elong	-2930 Aug 25 j 10:12	7°♐35'09	2°17'37	inferior conj	-2929 Aug 09 j 01:03	21°♏22'49	-3°06'47
morning rise	-2930 Aug 31 j 04:14	1°♐56'31		minimum elong	-2929 Aug 09 j 04:59	21°♏11'42	3°05'33
asc. node	-2930 Sep 01 j 11:14	1°♐20'52		morning rise	-2929 Aug 15 j 06:19	15°♏48'51	
direct	-2930 Sep 03 j 05:56	1°♐02'49		direct	-2929 Aug 18 j 01:42	15°♏06'29	
morning max el	-2930 Sep 10 j 01:11	4°♐51'01	18°46'33	asc. node	-2929 Aug 19 j 08:19	15°♏15'14	
	-2930 Sep 27 j 11:18	0°♑		morning max el	-2929 Aug 24 j 14:31	18°♏38'35	18°12'51
morning set	-2930 Oct 01 j 03:31	5°♑51'32			-2929 Sep 02 j 00:13	0°♒	
desc. node	-2930 Oct 13 j 04:25	24°♑55'44		morning set	-2929 Sep 12 j 02:07	16°♒32'59	
	-2930 Oct 16 j 09:41	0°♓			-2929 Sep 20 j 06:21	0°♑	
superior conj	-2930 Oct 17 j 04:40	1°♓14'47	-0°25'29	superior conj	-2929 Sep 26 j 07:33	9°♑44'09	0°23'53
minimum elong	-2930 Oct 17 j 01:19	1°♓01'36	0°25'03	minimum elong	-2929 Sep 26 j 10:27	9°♑55'44	0°23'32
max. Earth dist.	-2930 Oct 16 j 22:53	0°♓52'00	1.44865 AU	max. Earth dist.	-2929 Sep 29 j 17:21	15°♑08'50	1.44684 AU
evening rise	-2930 Nov 02 j 00:29	26°♓21'21		desc. node	-2929 Sep 30 j 01:23	15°♑40'37	
	-2930 Nov 04 j 06:58	0°♔			-2929 Oct 09 j 04:39	0°♓	
evening max el	-2930 Nov 23 j 10:29	28°♔10'59	18°54'16	evening rise	-2929 Oct 12 j 21:31	5°♓45'48	
	-2930 Nov 25 j 09:55	0°♕		greatest brilliancy	-2929 Oct 25 j 05:57	24°♓47'02	-0.7m
asc. node	-2930 Nov 28 j 10:16	1°♕44'29			-2929 Oct 28 j 18:12	0°♔	
retrograde	-2930 Nov 30 j 06:30	2°♕03'20		evening max el	-2929 Nov 06 j 17:47	11°♔37'56	19°42'31
evening set	-2930 Dec 03 j 10:20	1°♕06'04		retrograde	-2929 Nov 14 j 03:14	15°♔56'06	
	-2930 Dec 04 j 22:33	30°♕♔		asc. node	-2929 Nov 15 j 07:21	15°♔48'11	
inferior conj	-2930 Dec 09 j 04:33	25°♔21'15	3°08'24	evening set	-2929 Nov 17 j 14:43	14°♔45'23	
minimum elong	-2930 Dec 09 j 01:29	25°♔30'41	3°07'33	inferior conj	-2929 Nov 23 j 03:49	8°♔46'45	2°28'19
min. Earth dist.	-2930 Dec 10 j 19:18	23°♔21'56	0.65346 AU	minimum elong	-2929 Nov 23 j 00:58	8°♔56'07	2°27'18
morning rise	-2930 Dec 14 j 16:19	19°♔13'10		min. Earth dist.	-2929 Nov 24 j 05:04	7°♔24'04	0.66376 AU
direct	-2930 Dec 21 j 06:45	16°♔22'37		morning rise	-2929 Nov 28 j 11:01	2°♔34'15	
morning max el	-2929 Jan 03 j 06:55	23°♔57'09	26°45'59		-2929 Dec 03 j 09:12	30°♕♓	
	-2929 Jan 08 j 18:09	0°♕		direct	-2929 Dec 04 j 12:09	29°♓54'52	
desc. node	-2929 Jan 09 j 03:50	0°♕29'17			-2929 Dec 05 j 15:47	0°♔	
	-2929 Jan 29 j 07:46	0°♖		morning max el	-2929 Dec 16 j 16:01	7°♔06'24	25°37'42

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

desc. node	-2929 Dec 27 j 00:53	19° $\mathbb{M}$ 24'45		morning max el	-2928 Nov 28 j 00:45	20° $\mathbb{A}$ 21'10	24°15'16
	-2928 Jan 03 j 13:13	0° $\mathbb{A}$			-2928 Dec 06 j 07:24	0° $\mathbb{M}$	
morning set	-2928 Jan 21 j 22:31	0° $\mathbb{B}$ 19'00		desc. node	-2928 Dec 12 j 21:55	8° $\mathbb{M}$ 57'17	
	-2928 Jan 21 j 18:21	0° $\mathbb{B}$			-2928 Dec 26 j 18:17	0° $\mathbb{A}$	
max. Earth dist.	-2928 Jan 25 j 18:05	7° $\mathbb{B}$ 25'23	1.36158 AU	morning set	-2927 Jan 02 j 19:53	11° $\mathbb{A}$ 50'35	
				max. Earth dist.	-2927 Jan 06 j 15:17	18° $\mathbb{A}$ 33'59	1.38082 AU
					-2927 Jan 12 j 19:31	0° $\mathbb{B}$	
superior conj	-2928 Jan 31 j 09:26	18° $\mathbb{B}$ 26'24	-1°34'08				
minimum elong	-2928 Jan 31 j 12:45	18° $\mathbb{B}$ 43'02	1°33'50				
	-2928 Feb 06 j 01:58	0° $\mathbb{A}$		superior conj	-2927 Jan 13 j 15:28	1° $\mathbb{B}$ 35'14	-1°49'34
evening rise	-2928 Feb 08 j 09:51	4° $\mathbb{A}$ 45'01		minimum elong	-2927 Jan 13 j 18:03	1° $\mathbb{B}$ 47'38	1°49'29
asc. node	-2928 Feb 11 j 06:36	10° $\mathbb{A}$ 29'17		evening rise	-2927 Jan 22 j 09:06	18° $\mathbb{B}$ 42'41	
	-2928 Feb 23 j 01:00	0° $\mathbb{H}$		asc. node	-2927 Jan 28 j 03:39	29° $\mathbb{B}$ 47'04	
evening max el	-2928 Feb 26 j 05:18	3° $\mathbb{H}$ 29'14	19°57'21		-2927 Jan 28 j 06:29	0° $\mathbb{A}$	
retrograde	-2928 Mar 07 j 06:38	8° $\mathbb{H}$ 16'25		evening max el	-2927 Feb 08 j 01:04	15° $\mathbb{A}$ 35'46	19°01'10
evening set	-2928 Mar 09 j 12:44	8° $\mathbb{H}$ 03'03		retrograde	-2927 Feb 16 j 13:43	19° $\mathbb{A}$ 41'19	
inferior conj	-2928 Mar 18 j 06:18	4° $\mathbb{H}$ 02'11	1°33'24	evening set	-2927 Feb 18 j 22:26	19° $\mathbb{A}$ 23'47	
minimum elong	-2928 Mar 18 j 10:04	3° $\mathbb{H}$ 56'24	1°32'09	inferior conj	-2927 Feb 26 j 22:18	15° $\mathbb{A}$ 08'40	2°57'32
min. Earth dist.	-2928 Mar 20 j 09:55	2° $\mathbb{H}$ 43'28	0.55739 AU	minimum elong	-2927 Feb 27 j 03:01	15° $\mathbb{A}$ 00'20	2°56'22
desc. node	-2928 Mar 23 j 23:54	0° $\mathbb{H}$ 45'44		min. Earth dist.	-2927 Mar 02 j 01:32	12° $\mathbb{A}$ 57'15	0.57144 AU
	-2928 Mar 25 j 18:24	30° $\mathbb{R}$		morning rise	-2927 Mar 07 j 04:51	10° $\mathbb{A}$ 05'54	
morning rise	-2928 Mar 27 j 05:18	29° $\mathbb{A}$ 30'46		desc. node	-2927 Mar 10 j 21:00	9° $\mathbb{A}$ 07'18	
direct	-2928 Mar 31 j 05:12	28° $\mathbb{A}$ 55'34		direct	-2927 Mar 12 j 09:49	9° $\mathbb{A}$ 01'39	
	-2928 Apr 05 j 13:31	0° $\mathbb{H}$		morning max el	-2927 Mar 26 j 15:51	16° $\mathbb{A}$ 23'17	25°35'50
morning max el	-2928 Apr 14 j 00:45	5° $\mathbb{H}$ 47'57	24°01'00		-2927 Apr 06 j 17:09	0° $\mathbb{H}$	
	-2928 May 01 j 04:50	0° $\mathbb{Y}$		morning set	-2927 Apr 23 j 00:10	29° $\mathbb{H}$ 28'21	
morning set	-2928 May 08 j 12:08	14° $\mathbb{Y}$ 26'56			-2927 Apr 23 j 06:11	0° $\mathbb{Y}$	
asc. node	-2928 May 09 j 06:06	16° $\mathbb{Y}$ 01'32		asc. node	-2927 Apr 26 j 03:08	6° $\mathbb{Y}$ 08'27	
superior conj	-2928 May 15 j 13:38	29° $\mathbb{Y}$ 36'13	1°01'44	superior conj	-2927 Apr 30 j 00:13	14° $\mathbb{Y}$ 35'21	0°39'41
minimum elong	-2928 May 15 j 11:17	29° $\mathbb{Y}$ 23'32	1°01'22	minimum elong	-2927 Apr 29 j 22:33	14° $\mathbb{Y}$ 26'17	0°39'22
	-2928 May 15 j 18:03	0° $\mathbb{B}$		max. Earth dist.	-2927 Apr 30 j 20:40	16° $\mathbb{Y}$ 26'48	1.32792 AU
max. Earth dist.	-2928 May 17 j 10:43	3° $\mathbb{B}$ 38'01	1.33411 AU	evening rise	-2927 May 07 j 03:10	29° $\mathbb{Y}$ 48'07	
evening rise	-2928 May 22 j 23:54	15° $\mathbb{B}$ 10'18			-2927 May 07 j 05:29	0° $\mathbb{B}$	
	-2928 May 30 j 18:40	0° $\mathbb{II}$			-2927 May 23 j 21:48	0° $\mathbb{II}$	
desc. node	-2928 Jun 19 j 22:56	0° $\mathbb{E}$ 11'36		desc. node	-2927 Jun 06 j 20:00	17° $\mathbb{II}$ 44'12	
	-2928 Jun 19 j 19:01	0° $\mathbb{E}$		evening max el	-2927 Jun 07 j 14:24	18° $\mathbb{II}$ 29'01	27°10'11
evening max el	-2928 Jun 25 j 07:47	5° $\mathbb{E}$ 57'01	27°25'13	retrograde	-2927 Jun 21 j 12:32	25° $\mathbb{II}$ 50'20	
retrograde	-2928 Jul 09 j 00:02	13° $\mathbb{E}$ 19'26		evening set	-2927 Jun 28 j 12:53	23° $\mathbb{II}$ 33'44	
evening set	-2928 Jul 16 j 04:19	10° $\mathbb{E}$ 40'19		min. Earth dist.	-2927 Jul 02 j 04:05	20° $\mathbb{II}$ 47'00	0.61631 AU
min. Earth dist.	-2928 Jul 19 j 18:42	7° $\mathbb{E}$ 31'10	0.63485 AU	inferior conj	-2927 Jul 05 j 07:37	17° $\mathbb{II}$ 56'53	-4°16'25
inferior conj	-2928 Jul 22 j 10:19	4° $\mathbb{E}$ 49'14	-3°47'34	minimum elong	-2927 Jul 05 j 10:14	17° $\mathbb{II}$ 50'57	4°16'03
minimum elong	-2928 Jul 22 j 14:13	4° $\mathbb{E}$ 39'16	3°46'40	morning rise	-2927 Jul 12 j 09:08	13° $\mathbb{II}$ 01'12	
	-2928 Jul 28 j 02:57	30° $\mathbb{R}$ $\mathbb{II}$		direct	-2927 Jul 14 j 22:09	12° $\mathbb{II}$ 33'50	
morning rise	-2928 Jul 29 j 01:02	29° $\mathbb{II}$ 33'04		morning max el	-2927 Jul 21 j 19:45	16° $\mathbb{II}$ 00'26	17°59'11
direct	-2928 Jul 31 j 16:17	28° $\mathbb{II}$ 59'16		asc. node	-2927 Jul 23 j 02:30	17° $\mathbb{II}$ 21'04	
	-2928 Aug 04 j 04:36	0° $\mathbb{E}$			-2927 Jul 31 j 14:49	0° $\mathbb{E}$	
asc. node	-2928 Aug 05 j 05:24	0° $\mathbb{E}$ 40'06		morning set	-2927 Aug 06 j 21:27	11° $\mathbb{E}$ 16'44	
morning max el	-2928 Aug 07 j 05:39	2° $\mathbb{E}$ 23'58	17°56'46				
morning set	-2928 Aug 24 j 01:58	28° $\mathbb{E}$ 26'39		superior conj	-2927 Aug 17 j 10:41	0° $\mathbb{I}$ 12'27	1°32'18
	-2928 Aug 24 j 23:24	0° $\mathbb{I}$		minimum elong	-2927 Aug 17 j 15:05	0° $\mathbb{I}$ 31'36	1°32'01
					-2927 Aug 17 j 07:49	0° $\mathbb{I}$	
superior conj	-2928 Sep 05 j 07:16	19° $\mathbb{I}$ 17'06	1°05'01	max. Earth dist.	-2927 Aug 24 j 20:29	12° $\mathbb{I}$ 45'42	1.42335 AU
minimum elong	-2928 Sep 05 j 12:52	19° $\mathbb{I}$ 40'14	1°04'27	evening rise	-2927 Aug 31 j 12:35	23° $\mathbb{I}$ 32'09	
max. Earth dist.	-2928 Sep 11 j 09:35	29° $\mathbb{I}$ 13'09	1.43797 AU	desc. node	-2927 Sep 02 j 19:22	27° $\mathbb{I}$ 07'20	
	-2928 Sep 11 j 21:16	0° $\mathbb{II}$			-2927 Sep 04 j 15:51	0° $\mathbb{II}$	
desc. node	-2928 Sep 15 j 22:23	6° $\mathbb{II}$ 25'38			-2927 Sep 25 j 10:07	0° $\mathbb{A}$	
evening rise	-2928 Sep 21 j 03:27	14° $\mathbb{II}$ 33'30		evening max el	-2927 Oct 02 j 15:12	8° $\mathbb{A}$ 30'21	21°58'32
	-2928 Oct 01 j 07:03	0° $\mathbb{A}$		retrograde	-2927 Oct 11 j 20:41	13° $\mathbb{A}$ 59'38	
evening max el	-2928 Oct 19 j 19:35	25° $\mathbb{A}$ 04'36	20°44'59	evening set	-2927 Oct 16 j 05:44	12° $\mathbb{A}$ 15'23	
retrograde	-2928 Oct 28 j 00:37	29° $\mathbb{A}$ 55'59		asc. node	-2927 Oct 19 j 01:34	9° $\mathbb{A}$ 19'40	
evening set	-2928 Oct 31 j 21:49	28° $\mathbb{A}$ 29'32		inferior conj	-2927 Oct 21 j 13:42	5° $\mathbb{A}$ 59'21	0°51'15
asc. node	-2928 Nov 01 j 04:27	28° $\mathbb{A}$ 16'44		minimum elong	-2927 Oct 21 j 12:32	6° $\mathbb{A}$ 03'23	0°50'46
inferior conj	-2928 Nov 06 j 07:34	22° $\mathbb{A}$ 20'23	1°41'55	min. Earth dist.	-2927 Oct 21 j 16:21	5° $\mathbb{A}$ 50'12	0.67411 AU
minimum elong	-2928 Nov 06 j 05:23	22° $\mathbb{A}$ 27'48	1°41'03	morning rise	-2927 Oct 26 j 19:11	29° $\mathbb{A}$ 45'06	
min. Earth dist.	-2928 Nov 06 j 20:54	21° $\mathbb{A}$ 35'00	0.67052 AU		-2927 Oct 26 j 12:21	30° $\mathbb{R}$ $\mathbb{II}$	
morning rise	-2928 Nov 11 j 12:47	16° $\mathbb{A}$ 05'45		direct	-2927 Oct 31 j 14:01	27° $\mathbb{R}$ 45'24	
direct	-2928 Nov 16 j 22:47	13° $\mathbb{A}$ 44'39			-2927 Nov 06 j 07:22	0° $\mathbb{A}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning max el	-2927 Nov 10 j 11:04	3°♂38'31	22°48'18	transit begin	-2926 Oct 05 j 17:49	19°♏51'37	
desc. node	-2927 Nov 29 j 18:56	28°♂55'35		transit end	-2926 Oct 05 j 23:11	19°♏33'09	
	-2927 Nov 30 j 12:20	0°♏		min. Earth dist.	-2926 Oct 05 j 12:54	20°♏08'30	0.67472 AU
morning set	-2927 Dec 14 j 14:01	21°♏59'56		asc. node	-2926 Oct 05 j 22:39	19°♏34'59	
	-2927 Dec 19 j 08:34	0°♏		morning rise	-2926 Oct 11 j 04:10	13°♏31'35	
max. Earth dist.	-2927 Dec 19 j 11:07	0°♏10'53	1.40164 AU	direct	-2926 Oct 15 j 08:59	11°♏53'25	
				morning max el	-2926 Oct 24 j 02:18	17°♏02'06	21°25'19
superior conj	-2927 Dec 27 j 05:19	13°♏52'29	-1°56'43		-2926 Nov 03 j 12:46	0°♂	
minimum elong	-2927 Dec 27 j 05:42	13°♏54'13	1°56'48	desc. node	-2926 Nov 16 j 15:56	19°♂12'32	
	-2926 Jan 04 j 20:16	0°♂			-2926 Nov 23 j 15:24	0°♏	
evening rise	-2926 Jan 05 j 23:08	2°♂07'43		morning set	-2926 Nov 24 j 03:51	0°♏49'03	
asc. node	-2926 Jan 15 j 00:43	18°♂35'20		max. Earth dist.	-2926 Dec 01 j 12:39	12°♏40'45	1.42128 AU
evening max el	-2926 Jan 22 j 05:14	28°♂12'57	18°25'07				
	-2926 Jan 24 j 08:15	0°♏		superior conj	-2926 Dec 08 j 21:31	25°♏05'06	-1°51'45
retrograde	-2926 Jan 29 j 15:14	1°♏52'00		minimum elong	-2926 Dec 08 j 18:10	24°♏50'40	1°51'40
evening set	-2926 Feb 01 j 03:47	1°♏27'55			-2926 Dec 11 j 17:18	0°♏	
	-2926 Feb 04 j 06:00	30°♏♂		evening rise	-2926 Dec 20 j 00:27	14°♏52'47	
inferior conj	-2926 Feb 08 j 10:53	26°♂52'50	3°44'33		-2926 Dec 28 j 12:49	0°♂	
minimum elong	-2926 Feb 08 j 13:35	26°♂47'17	3°44'08	asc. node	-2925 Jan 01 j 21:45	6°♂44'55	
min. Earth dist.	-2926 Feb 11 j 20:37	24°♂06'44	0.59038 AU	evening max el	-2925 Jan 05 j 14:58	11°♂12'23	18°08'58
morning rise	-2926 Feb 15 j 21:09	21°♂25'05		retrograde	-2925 Jan 12 j 09:22	14°♂40'05	
direct	-2926 Feb 22 j 03:44	19°♂42'05		evening set	-2925 Jan 15 j 01:27	14°♂08'09	
desc. node	-2926 Feb 25 j 18:06	20°♂14'53		inferior conj	-2925 Jan 21 j 18:38	9°♂11'27	3°59'45
morning max el	-2926 Mar 08 j 10:22	27°♂19'00	26°51'01	minimum elong	-2925 Jan 21 j 18:41	9°♂11'18	3°59'41
	-2926 Mar 11 j 00:33	0°♏		min. Earth dist.	-2925 Jan 24 j 21:50	6°♂14'59	0.61075 AU
	-2926 Mar 31 j 03:37	0°♏		morning rise	-2925 Jan 28 j 10:34	3°♂26'48	
morning set	-2926 Apr 07 j 10:34	14°♏24'15		direct	-2925 Feb 04 j 08:14	1°♂07'51	
asc. node	-2926 Apr 13 j 00:09	26°♏20'45		desc. node	-2925 Feb 12 j 15:11	4°♂02'24	
				morning max el	-2925 Feb 18 j 10:54	8°♂51'39	27°34'54
superior conj	-2926 Apr 14 j 11:58	29°♏36'49	0°15'38		-2925 Mar 06 j 17:23	0°♏	
minimum elong	-2926 Apr 14 j 11:17	29°♏33'01	0°15'29	morning set	-2925 Mar 22 j 17:26	29°♏07'18	
behind sun begin	-2926 Apr 14 j 10:19	29°♏27'46			-2925 Mar 23 j 03:39	0°♏	
behind sun end	-2926 Apr 14 j 12:14	29°♏38'16		max. Earth dist.	-2925 Mar 28 j 22:08	12°♏17'21	1.32599 AU
max. Earth dist.	-2926 Apr 14 j 09:42	29°♏24'21	1.32520 AU				
	-2926 Apr 14 j 16:12	0°♏		superior conj	-2925 Mar 29 j 23:11	14°♏33'53	-0°09'37
evening rise	-2926 Apr 21 j 11:19	14°♏39'40		minimum elong	-2925 Mar 29 j 23:38	14°♏36'17	0°09'33
	-2926 Apr 29 j 06:07	0°♏		behind sun begin	-2925 Mar 29 j 19:34	14°♏14'08	
	-2926 May 20 j 06:58	0°♏		behind sun end	-2925 Mar 30 j 03:41	14°♏58'26	
evening max el	-2926 May 20 j 15:24	0°♏20'20	26°22'39	asc. node	-2925 Mar 30 j 21:09	16°♏33'46	
desc. node	-2926 May 24 j 17:04	3°♏46'40		evening rise	-2925 Apr 05 j 22:10	29°♏36'47	
retrograde	-2926 Jun 03 j 17:11	7°♏37'56			-2925 Apr 06 j 02:34	0°♏	
evening set	-2926 Jun 10 j 01:40	5°♏56'26			-2925 Apr 22 j 20:38	0°♏	
min. Earth dist.	-2926 Jun 14 j 04:33	3°♏15'55	0.59591 AU	evening max el	-2925 May 02 j 10:15	11°♏30'27	25°07'25
inferior conj	-2926 Jun 17 j 13:26	0°♏37'16	-4°25'58	desc. node	-2925 May 11 j 14:08	17°♏43'37	
minimum elong	-2926 Jun 17 j 13:10	0°♏37'47	4°25'52	retrograde	-2925 May 16 j 11:12	18°♏38'50	
	-2926 Jun 18 j 08:26	30°♏♂		evening set	-2925 May 21 j 16:15	17°♏36'09	
morning rise	-2926 Jun 25 j 02:57	26°♏03'18		min. Earth dist.	-2925 May 26 j 22:22	14°♏45'25	0.57624 AU
direct	-2926 Jun 27 j 15:11	25°♏40'47		inferior conj	-2925 May 30 j 00:17	12°♏39'59	-4°05'53
morning max el	-2926 Jul 05 j 05:52	29°♏20'16	18°21'03	minimum elong	-2925 May 29 j 20:11	12°♏47'00	4°05'16
	-2926 Jul 05 j 21:56	0°♏		morning rise	-2925 Jun 07 j 02:59	8°♏26'35	
asc. node	-2926 Jul 09 j 23:33	5°♏02'47		direct	-2925 Jun 09 j 15:17	8°♏07'48	
morning set	-2926 Jul 21 j 07:24	24°♏50'29		morning max el	-2925 Jun 18 j 08:59	12°♏13'00	19°03'15
	-2926 Jul 24 j 00:22	0°♏		asc. node	-2925 Jun 26 j 20:35	23°♏30'42	
					-2925 Jun 30 j 12:21	0°♏	
superior conj	-2926 Jul 30 j 14:50	12°♏22'20	1°45'59	morning set	-2925 Jul 05 j 03:39	8°♏56'10	
minimum elong	-2926 Jul 30 j 16:42	12°♏30'51	1°45'59				
max. Earth dist.	-2926 Aug 07 j 01:47	25°♏37'00	1.40500 AU	superior conj	-2925 Jul 13 j 13:54	25°♏29'41	1°48'32
	-2926 Aug 09 j 15:41	0°♏		minimum elong	-2925 Jul 13 j 13:30	25°♏27'43	1°48'36
evening rise	-2926 Aug 11 j 17:59	3°♏29'29			-2925 Jul 15 j 22:40	0°♏	
desc. node	-2926 Aug 20 j 16:22	17°♏42'31		max. Earth dist.	-2925 Jul 20 j 04:07	7°♏48'30	1.38534 AU
	-2926 Aug 28 j 22:52	0°♏		evening rise	-2925 Jul 24 j 01:15	14°♏41'12	
evening max el	-2926 Sep 15 j 05:46	21°♏58'00	23°18'16		-2925 Aug 02 j 07:03	0°♏	
retrograde	-2926 Sep 25 j 13:57	28°♏05'06		desc. node	-2925 Aug 07 j 13:23	8°♏06'00	
evening set	-2926 Sep 30 j 12:43	26°♏01'47			-2925 Aug 23 j 16:55	0°♏	
inferior conj	-2926 Oct 05 j 20:27	19°♏42'31	-0°01'53	evening max el	-2925 Aug 28 j 17:25	5°♏28'40	24°37'56
minimum elong	-2926 Oct 05 j 20:30	19°♏42'23	0°01'50	retrograde	-2925 Sep 09 j 03:21	12°♏08'39	
transit middle	-2926 Oct 05 j 20:30	19°♏42'23	0°01'50	evening set	-2925 Sep 14 j 17:03	9°♏46'37	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-2925 Sep 19 j 08:02	4° $\mathbb{M}$ 27'55	0.67223 AU	inferior conj	-2924 Sep 03 j 04:48	17° $\Omega$ 12'27	-1°49'13
inferior conj	-2925 Sep 20 j 02:05	3° $\mathbb{M}$ 27'40	-0°55'55	minimum elong	-2924 Sep 03 j 07:23	17° $\Omega$ 04'15	1°48'09
minimum elong	-2925 Sep 20 j 03:25	3° $\mathbb{M}$ 23'12	0°55'19	morning rise	-2924 Sep 08 j 22:08	11° $\Omega$ 17'29	
asc. node	-2925 Sep 22 j 19:43	29° $\Omega$ 59'24		asc. node	-2924 Sep 08 j 16:47	11° $\Omega$ 26'09	
	-2925 Sep 22 j 19:30	30° $\mathbb{R}$ $\Omega$		direct	-2924 Sep 12 j 04:36	10° $\Omega$ 15'47	
morning rise	-2925 Sep 25 j 13:47	27° $\Omega$ 23'09		morning max el	-2924 Sep 19 j 06:22	14° $\Omega$ 16'32	19°13'29
direct	-2925 Sep 29 j 06:22	26° $\Omega$ 04'42			-2924 Sep 30 j 22:36	0° $\mathbb{M}$	
	-2925 Oct 06 j 10:40	0° $\mathbb{M}$		morning set	-2924 Oct 12 j 07:41	17° $\mathbb{M}$ 40'18	
morning max el	-2925 Oct 07 j 00:42	0° $\mathbb{M}$ 34'56	20°12'32	desc. node	-2924 Oct 20 j 09:56	0° $\underline{\Omega}$ 21'16	
	-2925 Oct 28 j 05:24	0° $\underline{\Omega}$			-2924 Oct 20 j 04:31	0° $\underline{\Omega}$	
morning set	-2925 Nov 03 j 01:53	8° $\underline{\Omega}$ 59'49		max. Earth dist.	-2924 Oct 26 j 13:55	10° $\underline{\Omega}$ 03'22	1.44637 AU
desc. node	-2925 Nov 03 j 12:57	9° $\underline{\Omega}$ 42'40					
max. Earth dist.	-2925 Nov 13 j 22:19	26° $\underline{\Omega}$ 04'06	1.43687 AU	superior conj	-2924 Oct 28 j 22:58	13° $\underline{\Omega}$ 49'08	-0°52'55
	-2925 Nov 16 j 08:56	0° $\mathbb{M}$		minimum elong	-2924 Oct 28 j 16:40	13° $\underline{\Omega}$ 24'08	0°52'10
					-2924 Nov 08 j 00:52	0° $\mathbb{M}$	
superior conj	-2925 Nov 19 j 11:10	5° $\mathbb{M}$ 02'24	-1°30'50	evening rise	-2924 Nov 12 j 19:54	7° $\mathbb{M}$ 50'38	
minimum elong	-2925 Nov 19 j 04:16	4° $\mathbb{M}$ 34'07	1°30'16		-2924 Nov 26 j 13:58	0° $\mathbb{M}$	
evening rise	-2925 Dec 02 j 08:54	26° $\mathbb{M}$ 50'09		evening max el	-2924 Dec 02 j 15:31	7° $\mathbb{M}$ 48'17	18°33'49
	-2925 Dec 04 j 04:46	0° $\mathbb{M}$		asc. node	-2924 Dec 05 j 15:51	10° $\mathbb{M}$ 19'36	
asc. node	-2925 Dec 19 j 18:47	24° $\mathbb{M}$ 04'29		retrograde	-2924 Dec 09 j 06:52	11° $\mathbb{M}$ 29'55	
evening max el	-2925 Dec 20 j 03:18	24° $\mathbb{M}$ 26'26	18°12'09	evening set	-2924 Dec 12 j 07:13	10° $\mathbb{M}$ 39'15	
retrograde	-2925 Dec 26 j 16:03	27° $\mathbb{M}$ 55'45		inferior conj	-2924 Dec 18 j 05:11	5° $\mathbb{M}$ 03'26	3°27'37
evening set	-2925 Dec 29 j 11:44	27° $\mathbb{M}$ 15'06		minimum elong	-2924 Dec 18 j 02:18	5° $\mathbb{M}$ 11'56	3°26'57
inferior conj	-2924 Jan 04 j 18:00	21° $\mathbb{M}$ 57'38	3°51'45	min. Earth dist.	-2924 Dec 20 j 04:14	2° $\mathbb{M}$ 45'00	0.64579 AU
minimum elong	-2924 Jan 04 j 16:07	22° $\mathbb{M}$ 02'41	3°51'28		-2924 Dec 22 j 17:51	30° $\mathbb{R}$ $\mathbb{M}$	
min. Earth dist.	-2924 Jan 07 j 07:59	19° $\mathbb{M}$ 12'46	0.62975 AU	morning rise	-2924 Dec 23 j 20:58	28° $\mathbb{M}$ 58'42	
morning rise	-2924 Jan 10 j 19:45	16° $\mathbb{M}$ 01'19		direct	-2924 Dec 30 j 16:59	26° $\mathbb{M}$ 07'06	
direct	-2924 Jan 17 j 21:04	13° $\mathbb{M}$ 18'35			-2923 Jan 08 j 19:08	0° $\mathbb{M}$	
desc. node	-2924 Jan 30 j 12:14	19° $\mathbb{M}$ 55'33		morning max el	-2923 Jan 13 j 02:18	3° $\mathbb{M}$ 49'11	27°15'13
morning max el	-2924 Jan 31 j 17:02	21° $\mathbb{M}$ 04'36	27°42'30	desc. node	-2923 Jan 16 j 09:18	7° $\mathbb{M}$ 19'06	
	-2924 Feb 08 j 12:04	0° $\mathbb{M}$			-2923 Feb 01 j 22:27	0° $\mathbb{M}$	
	-2924 Feb 27 j 17:39	0° $\approx$		morning set	-2923 Feb 17 j 11:01	27° $\mathbb{M}$ 21'31	
morning set	-2924 Mar 05 j 18:34	13° $\approx$ 29'51			-2923 Feb 18 j 19:17	0° $\approx$	
max. Earth dist.	-2924 Mar 11 j 06:05	24° $\approx$ 52'02	1.33046 AU	max. Earth dist.	-2923 Feb 22 j 05:31	6° $\approx$ 55'09	1.33901 AU
superior conj	-2924 Mar 13 j 08:13	29° $\approx$ 20'40	-0°35'09	superior conj	-2923 Feb 25 j 13:06	13° $\approx$ 49'51	-0°59'59
minimum elong	-2924 Mar 13 j 09:48	29° $\approx$ 29'17	0°34'53	minimum elong	-2923 Feb 25 j 15:43	14° $\approx$ 03'40	0°59'34
	-2924 Mar 13 j 15:30	0° $\mathbb{M}$		asc. node	-2923 Mar 03 j 15:10	26° $\approx$ 45'04	
asc. node	-2924 Mar 16 j 18:09	6° $\mathbb{M}$ 43'34		evening rise	-2923 Mar 04 j 20:37	29° $\approx$ 19'42	
evening rise	-2924 Mar 20 j 09:52	14° $\mathbb{M}$ 32'34			-2923 Mar 05 j 04:21	0° $\mathbb{M}$	
	-2924 Mar 28 j 05:34	0° $\mathbb{Y}$			-2923 Mar 23 j 00:40	0° $\mathbb{Y}$	
evening max el	-2924 Apr 13 j 01:46	22° $\mathbb{Y}$ 14'09	23°35'47	evening max el	-2923 Mar 25 j 20:11	2° $\mathbb{Y}$ 58'04	22°02'06
retrograde	-2924 Apr 26 j 16:47	29° $\mathbb{Y}$ 01'34		retrograde	-2923 Apr 07 j 11:03	9° $\mathbb{Y}$ 06'30	
desc. node	-2924 Apr 27 j 11:10	29° $\mathbb{Y}$ 00'14		evening set	-2923 Apr 10 j 04:58	8° $\mathbb{Y}$ 49'43	
evening set	-2924 Apr 30 j 13:02	28° $\mathbb{Y}$ 29'04		desc. node	-2923 Apr 14 j 08:14	7° $\mathbb{Y}$ 28'04	
min. Earth dist.	-2924 May 07 j 12:42	25° $\mathbb{Y}$ 15'17	0.56053 AU	min. Earth dist.	-2923 Apr 19 j 02:19	4° $\mathbb{Y}$ 59'58	0.55197 AU
inferior conj	-2924 May 09 j 15:03	23° $\mathbb{Y}$ 59'49	-3°06'11	inferior conj	-2923 Apr 19 j 14:11	4° $\mathbb{Y}$ 43'15	-1°27'01
minimum elong	-2924 May 09 j 08:45	24° $\mathbb{Y}$ 09'18	3°04'33	minimum elong	-2923 Apr 19 j 10:14	4° $\mathbb{Y}$ 48'49	1°25'39
morning rise	-2924 May 18 j 07:17	20° $\mathbb{Y}$ 01'13		morning rise	-2923 Apr 28 j 16:48	0° $\mathbb{Y}$ 45'33	
direct	-2924 May 20 j 20:28	19° $\mathbb{Y}$ 44'55		direct	-2923 May 01 j 10:45	0° $\mathbb{Y}$ 28'39	
morning max el	-2924 May 31 j 02:38	24° $\mathbb{Y}$ 30'13	20°06'03	morning max el	-2923 May 13 j 09:28	6° $\mathbb{Y}$ 05'53	21°27'54
	-2924 Jun 04 j 22:44	0° $\mathbb{M}$			-2923 May 29 j 13:26	0° $\mathbb{M}$	
asc. node	-2924 Jun 12 j 17:37	12° $\mathbb{M}$ 34'02		asc. node	-2923 May 30 j 14:39	2° $\mathbb{M}$ 03'41	
morning set	-2924 Jun 18 j 07:07	23° $\mathbb{M}$ 25'49		morning set	-2923 Jun 02 j 15:24	8° $\mathbb{M}$ 12'25	
	-2924 Jun 21 j 12:25	0° $\mathbb{M}$					
				superior conj	-2923 Jun 10 j 01:09	23° $\mathbb{M}$ 41'35	1°30'13
superior conj	-2924 Jun 26 j 02:42	9° $\mathbb{M}$ 20'10	1°42'33	minimum elong	-2923 Jun 09 j 22:36	23° $\mathbb{M}$ 28'19	1°30'02
minimum elong	-2924 Jun 26 j 00:49	9° $\mathbb{M}$ 10'43	1°42'31		-2923 Jun 13 j 02:54	0° $\mathbb{M}$	
max. Earth dist.	-2924 Jul 01 j 08:37	19° $\mathbb{M}$ 37'26	1.36682 AU	max. Earth dist.	-2923 Jun 13 j 20:44	1° $\mathbb{M}$ 29'59	1.35116 AU
evening rise	-2924 Jul 05 j 07:47	27° $\mathbb{M}$ 01'54		evening rise	-2923 Jun 18 j 08:30	10° $\mathbb{M}$ 18'16	
	-2924 Jul 06 j 23:11	0° $\mathbb{M}$			-2923 Jun 29 j 10:47	0° $\mathbb{M}$	
desc. node	-2924 Jul 24 j 10:22	28° $\mathbb{M}$ 11'51		desc. node	-2923 Jul 11 j 07:22	17° $\mathbb{M}$ 52'27	
	-2924 Jul 25 j 16:36	0° $\Omega$			-2923 Jul 21 j 04:14	0° $\Omega$	
evening max el	-2924 Aug 10 j 04:17	19° $\Omega$ 01'19	25°49'54	evening max el	-2923 Jul 23 j 15:35	2° $\Omega$ 31'24	26°46'14
retrograde	-2924 Aug 22 j 12:17	26° $\Omega$ 05'32		retrograde	-2923 Aug 05 j 16:22	9° $\Omega$ 49'35	
evening set	-2924 Aug 28 j 16:48	23° $\Omega$ 27'46		evening set	-2923 Aug 12 j 09:45	7° $\Omega$ 02'42	
min. Earth dist.	-2924 Sep 01 j 23:20	18° $\Omega$ 46'07	0.66644 AU	min. Earth dist.	-2923 Aug 16 j 08:35	2° $\Omega$ 59'08	0.65708 AU

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

inferior conj	-2923 Aug 18 j 02:42	0°Ω54'14	-2°39'50	evening set	-2922 Jul 26 j 17:03	20°Ω26'43	
minimum elong	-2923 Aug 18 j 06:16	0°Ω43'36	2°38'34	min. Earth dist.	-2922 Jul 30 j 09:41	16°Ω59'13	0.64397 AU
	-2923 Aug 18 j 21:05	30°κΩ		inferior conj	-2922 Aug 01 j 17:23	14°Ω28'14	-3°25'14
morning rise	-2923 Aug 24 j 03:12	25°Ω11'50		minimum elong	-2922 Aug 01 j 21:25	14°Ω17'15	3°24'06
asc. node	-2923 Aug 26 j 13:53	24°Ω24'53		morning rise	-2922 Aug 08 j 02:31	9°Ω01'27	
direct	-2923 Aug 27 j 01:51	24°Ω23'29		direct	-2922 Aug 10 j 19:44	8°Ω23'11	
morning max el	-2923 Sep 02 j 17:39	28°Ω03'51	18°30'08	asc. node	-2922 Aug 13 j 10:59	8°Ω59'08	
	-2923 Sep 04 j 11:48	0°Ω		morning max el	-2922 Aug 17 j 08:07	11°Ω51'28	18°03'46
morning set	-2923 Sep 22 j 14:12	27°Ω35'06			-2922 Aug 29 j 19:12	0°Ω	
	-2923 Sep 24 j 02:00	0°κ		morning set	-2922 Sep 04 j 00:11	8°Ω49'04	
desc. node	-2923 Oct 07 j 06:55	21°κ04'59			-2922 Sep 16 j 18:07	0°κ	
superior conj	-2923 Oct 07 j 22:40	22°κ07'06	-0°04'13	superior conj	-2922 Sep 17 j 08:42	0°κ58'59	0°42'50
minimum elong	-2923 Oct 07 j 22:07	22°κ04'55	0°04'09	minimum elong	-2922 Sep 17 j 13:20	1°κ17'42	0°42'18
behind sun begin	-2923 Oct 07 j 11:06	21°κ21'28		max. Earth dist.	-2922 Sep 22 j 01:16	8°κ29'56	1.44387 AU
behind sun end	-2923 Oct 08 j 09:08	22°κ48'22		desc. node	-2922 Sep 24 j 03:53	11°κ50'18	
max. Earth dist.	-2923 Oct 09 j 07:56	24°κ18'12	1.44873 AU	evening rise	-2922 Oct 03 j 19:12	26°κ52'38	
	-2923 Oct 12 j 22:50	0°Ω			-2922 Oct 05 j 19:48	0°Ω	
evening rise	-2923 Oct 24 j 06:24	17°Ω48'45		greatest brilliancy	-2922 Oct 17 j 15:11	17°Ω55'25	-0.6m
	-2923 Oct 31 j 23:51	0°κ			-2922 Oct 26 j 05:51	0°κ	
greatest brilliancy	-2923 Nov 02 j 17:33	2°κ43'01	-0.8m	evening max el	-2922 Oct 30 j 06:21	4°κ41'19	20°07'33
evening max el	-2923 Nov 16 j 01:13	21°κ14'20	19°12'52	retrograde	-2922 Nov 06 j 23:34	9°κ12'55	
asc. node	-2923 Nov 22 j 12:55	25°κ15'21		asc. node	-2922 Nov 09 j 10:02	8°κ38'35	
retrograde	-2923 Nov 23 j 02:21	25°κ17'07		evening set	-2922 Nov 10 j 14:51	7°κ55'58	
evening set	-2923 Nov 26 j 09:04	24°κ14'34		inferior conj	-2922 Nov 16 j 02:21	1°κ52'39	2°09'15
inferior conj	-2923 Dec 02 j 00:53	18°κ23'25	2°52'20	minimum elong	-2922 Nov 15 j 23:44	2°κ01'24	2°08'17
minimum elong	-2923 Dec 01 j 21:50	18°κ33'05	2°51'23	min. Earth dist.	-2922 Nov 16 j 22:27	0°κ45'34	0.66708 AU
min. Earth dist.	-2923 Dec 03 j 09:43	16°κ39'13	0.65825 AU		-2922 Nov 17 j 12:15	30°κΩ	
morning rise	-2923 Dec 07 j 10:20	12°κ12'52		morning rise	-2922 Nov 21 j 08:24	25°Ω38'51	
direct	-2923 Dec 13 j 19:22	9°κ25'50		direct	-2922 Nov 27 j 03:17	23°Ω06'17	
morning max el	-2923 Dec 26 j 12:00	16°κ53'04	26°19'15		-2922 Dec 08 j 18:49	0°κ	
desc. node	-2922 Jan 03 j 06:23	25°κ46'54		morning max el	-2922 Dec 08 j 20:39	0°κ04'35	25°03'38
	-2922 Jan 06 j 11:42	0°κ		desc. node	-2922 Dec 21 j 03:26	14°κ59'39	
	-2922 Jan 25 j 19:35	0°Ω			-2922 Dec 31 j 09:45	0°κ	
morning set	-2922 Jan 31 j 14:58	10°Ω30'51		morning set	-2921 Jan 14 j 01:16	22°κ42'50	
max. Earth dist.	-2922 Feb 04 j 17:20	18°Ω22'13	1.35205 AU	max. Earth dist.	-2921 Jan 17 j 18:04	29°κ27'03	1.36938 AU
					-2921 Jan 18 j 01:10	0°Ω	
superior conj	-2922 Feb 09 j 11:36	27°Ω54'57	-1°22'43	superior conj	-2921 Jan 24 j 00:44	11°Ω27'34	-1°41'30
minimum elong	-2922 Feb 09 j 14:51	28°Ω11'37	1°22'20	minimum elong	-2921 Jan 24 j 03:54	11°Ω43'07	1°41'18
	-2922 Feb 10 j 11:58	0°κ		evening rise	-2921 Feb 01 j 07:45	28°Ω04'53	
evening rise	-2922 Feb 17 j 04:37	13°κ52'30			-2921 Feb 02 j 06:46	0°κ	
asc. node	-2922 Feb 18 j 12:12	16°κ33'53		asc. node	-2921 Feb 05 j 09:15	6°κ04'53	
	-2922 Feb 25 j 13:52	0°κ		evening max el	-2921 Feb 18 j 13:28	25°κ54'43	19°31'08
evening max el	-2922 Mar 07 j 23:24	14°κ07'59	20°38'16		-2921 Feb 25 j 04:53	0°κ	
retrograde	-2922 Mar 19 j 00:38	19°κ24'21		retrograde	-2921 Feb 27 j 22:02	0°κ21'58	
evening set	-2922 Mar 21 j 07:16	19°κ11'50		evening set	-2921 Mar 02 j 04:57	0°κ07'12	
inferior conj	-2922 Mar 30 j 09:32	15°κ14'11	0°30'33		-2921 Mar 02 j 17:18	30°κκ	
minimum elong	-2922 Mar 30 j 10:55	15°κ12'10	0°30'03	inferior conj	-2921 Mar 10 j 15:11	26°κ01'48	2°13'33
min. Earth dist.	-2922 Mar 31 j 16:29	14°κ29'23	0.55270 AU	minimum elong	-2921 Mar 10 j 19:51	25°κ54'14	2°12'09
desc. node	-2922 Apr 01 j 05:21	14°κ10'59		min. Earth dist.	-2921 Mar 13 j 07:15	24°κ18'54	0.56253 AU
morning rise	-2922 Apr 08 j 13:20	10°κ58'38		morning rise	-2921 Mar 19 j 08:07	21°κ16'52	
direct	-2922 Apr 11 j 22:51	10°κ33'30		desc. node	-2921 Mar 19 j 02:28	21°κ21'41	
morning max el	-2922 Apr 25 j 06:26	17°κ02'46	23°03'34	direct	-2921 Mar 23 j 20:26	20°κ30'44	
	-2922 May 05 j 14:28	0°κ		morning max el	-2921 Apr 06 j 21:44	27°κ37'50	24°42'47
asc. node	-2922 May 17 j 11:41	21°κ52'17			-2921 Apr 09 j 05:24	0°κ	
morning set	-2922 May 18 j 02:29	23°κ09'25			-2921 Apr 28 j 14:27	0°κ	
	-2922 May 21 j 07:59	0°Ω		morning set	-2921 May 02 j 14:41	8°κ11'18	
superior conj	-2922 May 25 j 06:07	8°κ23'46	1°13'11	asc. node	-2921 May 04 j 08:43	11°κ54'13	
minimum elong	-2922 May 25 j 03:32	8°κ10'03	1°12'52	superior conj	-2921 May 09 j 15:15	23°κ19'02	0°52'42
max. Earth dist.	-2922 May 27 j 18:42	13°κ44'06	1.33921 AU	minimum elong	-2921 May 09 j 13:09	23°κ07'38	0°52'20
evening rise	-2922 Jun 01 j 22:30	24°κ15'48		max. Earth dist.	-2921 May 11 j 01:19	26°κ23'17	1.33103 AU
	-2922 Jun 04 j 21:27	0°κ			-2921 May 12 j 17:45	0°κ	
	-2922 Jun 22 j 23:50	0°Ω		evening rise	-2921 May 16 j 21:54	8°κ42'32	
desc. node	-2922 Jun 28 j 04:23	6°Ω56'40			-2921 May 28 j 07:15	0°κ	
evening max el	-2922 Jul 06 j 02:51	15°Ω49'18	27°19'21	desc. node	-2921 Jun 15 j 01:26	25°κ09'06	
retrograde	-2922 Jul 19 j 15:01	23°Ω12'14					



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-2921 Jun 18 j 12:12	28° $\Pi$ 42'50	27°22'59	desc. node	-2920 May 31 j 22:30	12° $\Pi$ 06'58	
	-2921 Jun 19 j 21:41	0° $\mathfrak{C}$		retrograde	-2920 Jun 13 j 16:20	18° $\Pi$ 17'25	
retrograde	-2921 Jul 02 j 07:23	6° $\mathfrak{C}$ 04'40		evening set	-2920 Jun 20 j 11:39	16° $\Pi$ 14'37	
evening set	-2921 Jul 09 j 11:07	3° $\mathfrak{C}$ 33'46		min. Earth dist.	-2920 Jun 24 j 06:16	13° $\Pi$ 32'46	0.60779 AU
min. Earth dist.	-2921 Jul 13 j 01:03	0° $\mathfrak{C}$ 35'29	0.62730 AU	inferior conj	-2920 Jun 27 j 13:09	10° $\Pi$ 45'11	-4°23'24
	-2921 Jul 13 j 16:01	30° $\mathfrak{R}$ $\Pi$		minimum elong	-2920 Jun 27 j 14:45	10° $\Pi$ 41'47	4°23'12
inferior conj	-2921 Jul 15 j 22:02	27° $\Pi$ 48'18	-4°01'41	morning rise	-2920 Jul 04 j 19:36	5° $\Pi$ 58'30	
minimum elong	-2921 Jul 16 j 01:34	27° $\Pi$ 39'41	4°00'59	direct	-2920 Jul 07 j 08:18	5° $\Pi$ 33'11	
morning rise	-2921 Jul 22 j 17:09	22° $\Pi$ 40'13		morning max el	-2920 Jul 14 j 11:47	9° $\Pi$ 03'32	18°06'04
direct	-2921 Jul 25 j 07:14	22° $\Pi$ 09'20		asc. node	-2920 Jul 17 j 05:06	12° $\Pi$ 06'19	
asc. node	-2921 Jul 31 j 08:04	24° $\Pi$ 58'17			-2920 Jul 28 j 03:25	0° $\mathfrak{C}$	
morning max el	-2921 Jul 31 j 23:07	25° $\Pi$ 33'51	17°55'24	morning set	-2920 Jul 30 j 11:21	4° $\mathfrak{C}$ 19'15	
	-2921 Aug 04 j 16:26	0° $\mathfrak{C}$					
morning set	-2921 Aug 17 j 09:10	21° $\mathfrak{C}$ 09'10		superior conj	-2920 Aug 09 j 10:41	22° $\mathfrak{C}$ 35'18	1°39'38
	-2921 Aug 22 j 09:14	0° $\Omega$		minimum elong	-2920 Aug 09 j 14:03	22° $\mathfrak{C}$ 50'16	1°39'30
					-2920 Aug 13 j 16:20	0° $\Omega$	
superior conj	-2921 Aug 28 j 20:07	11° $\Omega$ 06'41	1°18'21	max. Earth dist.	-2920 Aug 17 j 00:39	5° $\Omega$ 41'09	1.41592 AU
minimum elong	-2921 Aug 29 j 01:32	11° $\Omega$ 29'33	1°17'52	evening rise	-2920 Aug 22 j 16:24	14° $\Omega$ 58'25	
max. Earth dist.	-2921 Sep 04 j 15:36	22° $\Omega$ 23'08	1.43246 AU	desc. node	-2920 Aug 27 j 21:51	23° $\Omega$ 13'46	
	-2921 Sep 09 j 09:41	0° $\mathfrak{M}$			-2920 Sep 01 j 08:06	0° $\mathfrak{M}$	
desc. node	-2921 Sep 11 j 00:51	2° $\mathfrak{M}$ 34'21			-2920 Sep 23 j 10:55	0° $\mathfrak{A}$	
evening rise	-2921 Sep 13 j 00:06	5° $\mathfrak{M}$ 38'57		evening max el	-2920 Sep 24 j 22:58	1° $\mathfrak{A}$ 34'42	22°31'57
	-2921 Sep 29 j 05:11	0° $\mathfrak{A}$		retrograde	-2920 Oct 04 j 15:26	7° $\mathfrak{A}$ 19'54	
evening max el	-2921 Oct 13 j 05:39	18° $\mathfrak{A}$ 08'03	21°15'10	evening set	-2920 Oct 09 j 06:15	5° $\mathfrak{A}$ 27'23	
retrograde	-2921 Oct 21 j 20:28	23° $\mathfrak{A}$ 14'34		asc. node	-2920 Oct 13 j 04:12	1° $\mathfrak{A}$ 04'52	
evening set	-2921 Oct 25 j 22:30	21° $\mathfrak{A}$ 40'47			-2920 Oct 13 j 23:19	30° $\mathfrak{R}$ $\mathfrak{M}$	
asc. node	-2921 Oct 27 j 07:08	20° $\mathfrak{A}$ 27'52		inferior conj	-2920 Oct 14 j 13:56	29° $\mathfrak{M}$ 09'35	0°28'56
inferior conj	-2921 Oct 31 j 07:20	15° $\mathfrak{A}$ 28'31	1°20'49	minimum elong	-2920 Oct 14 j 13:16	29° $\mathfrak{M}$ 11'54	0°28'39
minimum elong	-2921 Oct 31 j 05:34	15° $\mathfrak{A}$ 34'37	1°20'05	min. Earth dist.	-2920 Oct 14 j 12:09	29° $\mathfrak{M}$ 15'44	0.67479 AU
min. Earth dist.	-2921 Oct 31 j 16:03	14° $\mathfrak{A}$ 58'36	0.67253 AU	morning rise	-2920 Oct 19 j 20:11	22° $\mathfrak{M}$ 56'40	
morning rise	-2921 Nov 05 j 12:27	9° $\mathfrak{A}$ 13'53		direct	-2920 Oct 24 j 08:52	21° $\mathfrak{M}$ 06'22	
direct	-2921 Nov 10 j 16:03	7° $\mathfrak{A}$ 01'33		morning max el	-2920 Nov 02 j 17:39	26° $\mathfrak{M}$ 39'43	22°12'09
morning max el	-2921 Nov 21 j 05:30	13° $\mathfrak{A}$ 19'28	23°38'09		-2920 Nov 05 j 18:54	0° $\mathfrak{A}$	
	-2921 Dec 04 j 16:23	0° $\mathfrak{M}$		desc. node	-2920 Nov 23 j 21:27	24° $\mathfrak{A}$ 51'19	
desc. node	-2921 Dec 08 j 00:27	4° $\mathfrak{M}$ 44'05			-2920 Nov 27 j 07:03	0° $\mathfrak{M}$	
	-2921 Dec 24 j 07:08	0° $\mathfrak{X}$		morning set	-2920 Dec 05 j 17:19	13° $\mathfrak{M}$ 13'47	
morning set	-2921 Dec 26 j 11:35	3° $\mathfrak{X}$ 40'04		max. Earth dist.	-2920 Dec 11 j 12:08	22° $\mathfrak{M}$ 44'52	1.41036 AU
max. Earth dist.	-2921 Dec 30 j 13:46	10° $\mathfrak{X}$ 43'45	1.38968 AU		-2920 Dec 15 j 18:08	0° $\mathfrak{X}$	
superior conj	-2920 Jan 07 j 00:32	24° $\mathfrak{X}$ 16'06	-1°53'49	superior conj	-2920 Dec 19 j 05:55	6° $\mathfrak{X}$ 07'54	-1°56'20
minimum elong	-2920 Jan 07 j 02:23	24° $\mathfrak{X}$ 24'48	1°53'51	minimum elong	-2920 Dec 19 j 04:52	6° $\mathfrak{X}$ 03'12	1°56'24
	-2920 Jan 10 j 01:03	0° $\mathfrak{Z}$		evening rise	-2920 Dec 29 j 12:37	24° $\mathfrak{X}$ 59'01	
evening rise	-2920 Jan 16 j 03:27	11° $\mathfrak{Z}$ 49'21			-2919 Jan 01 j 05:20	0° $\mathfrak{Z}$	
asc. node	-2920 Jan 23 j 06:19	25° $\mathfrak{Z}$ 10'55		asc. node	-2919 Jan 09 j 03:22	13° $\mathfrak{Z}$ 44'07	
	-2920 Jan 26 j 03:33	0° $\approx$		evening max el	-2919 Jan 14 j 19:59	21° $\mathfrak{Z}$ 02'32	18°15'44
evening max el	-2920 Feb 01 j 13:09	8° $\approx$ 15'06	18°43'23	retrograde	-2919 Jan 21 j 22:08	24° $\mathfrak{Z}$ 35'21	
retrograde	-2920 Feb 09 j 12:50	12° $\approx$ 07'14		evening set	-2919 Jan 24 j 12:09	24° $\mathfrak{Z}$ 08'03	
evening set	-2920 Feb 11 j 23:23	11° $\approx$ 46'58		inferior conj	-2919 Jan 31 j 12:54	19° $\mathfrak{Z}$ 23'27	3°54'22
inferior conj	-2920 Feb 19 j 15:46	7° $\approx$ 23'33	3°21'53	minimum elong	-2919 Jan 31 j 14:28	19° $\mathfrak{Z}$ 20'03	3°54'11
minimum elong	-2920 Feb 19 j 19:51	7° $\approx$ 15'52	3°21'03	min. Earth dist.	-2919 Feb 03 j 20:53	16° $\mathfrak{Z}$ 30'08	0.59904 AU
min. Earth dist.	-2920 Feb 22 j 23:39	4° $\approx$ 54'55	0.57911 AU	morning rise	-2919 Feb 07 j 14:56	13° $\mathfrak{Z}$ 47'30	
morning rise	-2920 Feb 27 j 13:47	2° $\approx$ 09'31		direct	-2919 Feb 14 j 05:09	11° $\mathfrak{Z}$ 48'33	
direct	-2920 Mar 04 j 06:47	0° $\approx$ 49'24		desc. node	-2919 Feb 19 j 20:40	13° $\mathfrak{Z}$ 09'35	
desc. node	-2920 Mar 04 j 23:35	0° $\approx$ 50'37		morning max el	-2919 Feb 28 j 10:44	19° $\mathfrak{Z}$ 28'51	27°14'04
morning max el	-2920 Mar 18 j 13:33	8° $\approx$ 18'00	26°11'08		-2919 Mar 09 j 10:02	0° $\approx$	
	-2920 Apr 03 j 20:09	0° $\mathfrak{X}$			-2919 Mar 27 j 11:52	0° $\mathfrak{X}$	
morning set	-2920 Apr 16 j 02:13	23° $\mathfrak{X}$ 10'52		morning set	-2919 Mar 31 j 11:21	8° $\mathfrak{X}$ 02'00	
	-2920 Apr 19 j 06:56	0° $\mathfrak{Y}$		max. Earth dist.	-2919 Apr 07 j 02:34	22° $\mathfrak{X}$ 15'31	1.32512 AU
asc. node	-2920 Apr 20 j 05:44	2° $\mathfrak{Y}$ 03'42		asc. node	-2919 Apr 07 j 02:45	22° $\mathfrak{X}$ 16'32	
superior conj	-2920 Apr 23 j 02:30	8° $\mathfrak{Y}$ 19'26	0°29'41	superior conj	-2919 Apr 07 j 14:12	23° $\mathfrak{X}$ 19'15	0°05'02
minimum elong	-2920 Apr 23 j 01:14	8° $\mathfrak{Y}$ 12'26	0°29'25	minimum elong	-2919 Apr 07 j 13:58	23° $\mathfrak{X}$ 18'00	0°04'58
max. Earth dist.	-2920 Apr 23 j 13:13	9° $\mathfrak{Y}$ 18'04	1.32637 AU	behind sun begin	-2919 Apr 07 j 09:11	22° $\mathfrak{X}$ 51'49	
evening rise	-2920 Apr 30 j 03:32	23° $\mathfrak{Y}$ 27'01		behind sun end	-2919 Apr 07 j 18:45	23° $\mathfrak{X}$ 44'11	
	-2920 May 03 j 08:56	0° $\mathfrak{B}$			-2919 Apr 10 j 15:31	0° $\mathfrak{Y}$	
	-2920 May 21 j 06:49	0° $\Pi$		evening rise	-2919 Apr 14 j 13:02	8° $\mathfrak{Y}$ 21'14	
evening max el	-2920 May 30 j 16:45	10° $\Pi$ 58'17	26°53'50		-2919 Apr 25 j 20:50	0° $\mathfrak{B}$	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening max el	-2919 May 12 j 14:44	22° <b>8</b> 29'43	25°53'22	evening max el	-2918 Apr 24 j 07:25	3° <b>8</b> 25'16	24°29'37
desc. node	-2919 May 18 j 19:35	27° <b>8</b> 20'09		desc. node	-2918 May 05 j 16:39	10° <b>8</b> 12'28	
retrograde	-2919 May 26 j 16:37	29° <b>8</b> 44'39		retrograde	-2918 May 08 j 06:06	10° <b>8</b> 27'36	
evening set	-2919 Jun 01 j 14:57	28° <b>8</b> 19'32		evening set	-2918 May 12 j 20:59	9° <b>8</b> 39'26	
min. Earth dist.	-2919 Jun 06 j 03:10	25° <b>8</b> 36'48	0.58729 AU	min. Earth dist.	-2918 May 18 j 19:17	6° <b>8</b> 40'04	0.56878 AU
inferior conj	-2919 Jun 09 j 11:08	23° <b>8</b> 09'32	-4°21'42	inferior conj	-2918 May 21 j 13:21	4° <b>8</b> 54'03	-3°45'48
minimum elong	-2919 Jun 09 j 09:16	23° <b>8</b> 13'01	4°21'32	minimum elong	-2918 May 21 j 07:54	5° <b>8</b> 02'51	3°44'44
morning rise	-2919 Jun 17 j 06:11	18° <b>8</b> 45'05		morning rise	-2918 May 29 j 21:54	0° <b>8</b> 48'15	
direct	-2919 Jun 19 j 18:29	18° <b>8</b> 24'14		direct	-2918 Jun 01 j 10:09	0° <b>8</b> 30'54	
morning max el	-2919 Jun 27 j 19:15	22° <b>8</b> 12'30	18°36'34	morning max el	-2918 Jun 10 j 18:44	4° <b>8</b> 51'42	19°27'33
	-2919 Jul 03 j 23:54	0° <b>II</b>		asc. node	-2918 Jun 20 j 23:10	18° <b>8</b> 52'47	
asc. node	-2919 Jul 04 j 02:08	0° <b>II</b> 08'33			-2918 Jun 26 j 20:48	0° <b>II</b>	
morning set	-2919 Jul 14 j 02:02	18° <b>II</b> 06'55		morning set	-2918 Jun 28 j 01:41	2° <b>II</b> 23'33	
	-2919 Jul 20 j 05:44	0° <b>III</b>					
superior conj	-2919 Jul 22 j 23:32	5° <b>III</b> 11'13	1°48'16	superior conj	-2918 Jul 06 j 05:03	18° <b>II</b> 38'48	1°46'53
minimum elong	-2919 Jul 23 j 00:21	5° <b>III</b> 15'02	1°48'20	minimum elong	-2918 Jul 06 j 03:55	18° <b>II</b> 33'13	1°46'57
max. Earth dist.	-2919 Jul 30 j 04:02	18° <b>III</b> 13'31	1.39657 AU	max. Earth dist.	-2918 Jul 12 j 03:48	0° <b>III</b>	
evening rise	-2919 Aug 03 j 08:34	25° <b>III</b> 25'48		evening rise	-2918 Jul 12 j 06:05	0° <b>III</b> 10'32	1.37711 AU
	-2919 Aug 06 j 02:26	0° <b>III</b>		evening rise	-2918 Jul 16 j 02:19	7° <b>III</b> 08'34	
desc. node	-2919 Aug 14 j 18:50	13° <b>III</b> 44'13		desc. node	-2918 Jul 29 j 23:36	0° <b>III</b>	
	-2919 Aug 26 j 01:17	0° <b>III</b>		evening max el	-2918 Aug 01 j 15:50	4° <b>III</b> 01'01	
evening max el	-2919 Sep 07 j 11:46	15° <b>III</b> 02'27	23°52'34		-2918 Aug 20 j 22:46	28° <b>III</b> 34'02	25°10'00
retrograde	-2919 Sep 18 j 07:16	21° <b>III</b> 25'00			-2918 Aug 22 j 11:01	0° <b>III</b>	
evening set	-2919 Sep 23 j 12:20	19° <b>III</b> 13'19		retrograde	-2918 Sep 01 j 19:01	5° <b>III</b> 26'20	
inferior conj	-2919 Sep 28 j 20:24	12° <b>III</b> 53'31	-0°24'47	evening set	-2918 Sep 07 j 14:59	2° <b>III</b> 57'07	
minimum elong	-2919 Sep 28 j 20:59	12° <b>III</b> 51'32	0°24'30		-2918 Sep 10 j 10:20	30° <b>III</b>	
min. Earth dist.	-2919 Sep 28 j 08:21	13° <b>III</b> 34'30	0.67399 AU	min. Earth dist.	-2918 Sep 12 j 02:16	27° <b>III</b> 53'43	0.67011 AU
asc. node	-2919 Sep 30 j 01:16	11° <b>III</b> 16'22		inferior conj	-2918 Sep 13 j 01:02	26° <b>III</b> 39'03	-1°18'42
morning rise	-2919 Oct 04 j 05:36	6° <b>III</b> 45'03		minimum elong	-2918 Sep 13 j 02:55	26° <b>III</b> 32'53	1°17'54
direct	-2919 Oct 08 j 04:52	5° <b>III</b> 15'50		asc. node	-2918 Sep 16 j 22:19	22° <b>III</b> 01'56	
morning max el	-2919 Oct 16 j 11:54	10° <b>III</b> 07'28	20°52'56	morning rise	-2918 Sep 18 j 14:55	20° <b>III</b> 38'00	
	-2919 Oct 31 j 15:04	0° <b>III</b>		direct	-2918 Sep 22 j 02:50	19° <b>III</b> 27'09	
desc. node	-2919 Nov 10 j 18:25	15° <b>III</b> 14'13		morning max el	-2918 Sep 29 j 13:29	23° <b>III</b> 44'13	19°45'34
morning set	-2919 Nov 14 j 22:02	21° <b>III</b> 39'27			-2918 Oct 04 j 19:15	0° <b>III</b>	
	-2919 Nov 20 j 04:59	0° <b>III</b>		morning set	-2918 Oct 24 j 20:21	29° <b>III</b> 54'12	
max. Earth dist.	-2919 Nov 23 j 17:06	5° <b>III</b> 38'27	1.42852 AU		-2918 Oct 24 j 21:51	0° <b>III</b>	
superior conj	-2919 Nov 30 j 11:13	16° <b>III</b> 48'52	-1°45'01	desc. node	-2918 Oct 28 j 15:24	5° <b>III</b> 48'13	
minimum elong	-2919 Nov 30 j 06:09	16° <b>III</b> 27'29	1°44'43	max. Earth dist.	-2918 Nov 06 j 05:01	19° <b>III</b> 17'01	1.44173 AU
	-2919 Dec 08 j 02:51	0° <b>III</b>		superior conj	-2918 Nov 10 j 13:12	26° <b>III</b> 13'54	-1°16'41
evening rise	-2919 Dec 12 j 07:20	7° <b>III</b> 24'57		minimum elong	-2918 Nov 10 j 05:49	25° <b>III</b> 44'11	1°15'56
	-2919 Dec 25 j 19:46	0° <b>III</b>			-2918 Nov 12 j 21:03	0° <b>III</b>	
asc. node	-2919 Dec 27 j 00:24	1° <b>III</b> 33'50		evening rise	-2918 Nov 24 j 07:11	18° <b>III</b> 58'46	
evening max el	-2919 Dec 29 j 07:06	4° <b>III</b> 08'33	18°07'56		-2918 Nov 30 j 19:36	0° <b>III</b>	
retrograde	-2918 Jan 04 j 22:11	7° <b>III</b> 35'47		evening max el	-2918 Dec 12 j 19:45	17° <b>III</b> 26'43	18°19'10
evening set	-2918 Jan 07 j 15:35	7° <b>III</b> 00'27		asc. node	-2918 Dec 13 j 21:26	18° <b>III</b> 27'48	
inferior conj	-2918 Jan 14 j 03:48	1° <b>III</b> 54'46	3°58'43	retrograde	-2918 Dec 19 j 08:41	20° <b>III</b> 59'54	
minimum elong	-2918 Jan 14 j 02:55	1° <b>III</b> 56'59	3°58'36	evening set	-2918 Dec 22 j 06:10	20° <b>III</b> 15'17	
	-2918 Jan 16 j 01:35	30° <b>III</b>		inferior conj	-2918 Dec 28 j 08:39	14° <b>III</b> 50'00	3°43'07
min. Earth dist.	-2918 Jan 17 j 01:56	29° <b>III</b> 00'36	0.61912 AU	minimum elong	-2918 Dec 28 j 06:14	14° <b>III</b> 56'46	3°42'40
morning rise	-2918 Jan 20 j 13:08	26° <b>III</b> 04'19		min. Earth dist.	-2918 Dec 30 j 16:27	12° <b>III</b> 14'42	0.63706 AU
direct	-2918 Jan 27 j 13:30	23° <b>III</b> 33'18		morning rise	-2917 Jan 03 j 05:41	8° <b>III</b> 49'46	
desc. node	-2918 Feb 06 j 17:43	27° <b>III</b> 54'38		direct	-2917 Jan 10 j 05:48	6° <b>III</b> 01'03	
	-2918 Feb 09 j 04:34	0° <b>III</b>		morning max el	-2917 Jan 23 j 21:43	13° <b>III</b> 46'47	27°34'42
morning max el	-2918 Feb 10 j 14:03	1° <b>III</b> 19'32	27°42'34	desc. node	-2917 Jan 24 j 14:47	14° <b>III</b> 29'43	
	-2918 Mar 03 j 13:32	0° <b>III</b>			-2917 Feb 06 j 01:44	0° <b>III</b>	
morning set	-2918 Mar 15 j 16:05	22° <b>III</b> 37'16			-2917 Feb 24 j 01:58	0° <b>III</b>	
	-2918 Mar 19 j 05:08	0° <b>III</b>		morning set	-2917 Feb 27 j 13:56	6° <b>III</b> 47'51	
max. Earth dist.	-2918 Mar 21 j 13:28	5° <b>III</b> 01'35	1.32737 AU	max. Earth dist.	-2917 Mar 04 j 17:59	17° <b>III</b> 22'40	1.33354 AU
superior conj	-2918 Mar 23 j 00:42	8° <b>III</b> 12'24	-0°20'29	superior conj	-2917 Mar 07 j 08:14	22° <b>III</b> 52'40	-0°45'52
minimum elong	-2918 Mar 23 j 01:38	8° <b>III</b> 17'29	0°20'19	minimum elong	-2917 Mar 07 j 10:18	23° <b>III</b> 03'40	0°45'30
asc. node	-2918 Mar 24 j 23:46	12° <b>III</b> 28'33			-2917 Mar 10 j 15:51	0° <b>III</b>	
evening rise	-2918 Mar 30 j 00:26	23° <b>III</b> 18'02		asc. node	-2917 Mar 11 j 20:48	2° <b>III</b> 35'18	
	-2918 Apr 02 j 06:22	0° <b>III</b>		evening rise	-2917 Mar 14 j 11:58	8° <b>III</b> 10'45	
	-2918 Apr 21 j 01:12	0° <b>III</b>			-2917 Mar 26 j 01:35	0° <b>III</b>	
				evening max el	-2917 Apr 05 j 23:33	14° <b>III</b> 06'11	22°55'28

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2917 Apr 19 j 06:26	20° $\Upsilon$ 38'52		retrograde	-2916 Mar 29 j 20:54	0° $\Upsilon$ 46'01	
evening set	-2917 Apr 22 j 13:41	20° $\Upsilon$ 15'02		evening set	-2916 Apr 01 j 08:28	0° $\Upsilon$ 31'59	
desc. node	-2917 Apr 22 j 13:44	20° $\Upsilon$ 15'00			-2916 Apr 03 j 10:29	30° $\Re$	
min. Earth dist.	-2917 Apr 30 j 09:26	16° $\Upsilon$ 47'45	0.55581 AU	desc. node	-2916 Apr 08 j 10:49	27° $\Re$ 45'48	
inferior conj	-2917 May 01 j 20:33	15° $\Upsilon$ 56'56	-2°28'16	inferior conj	-2916 Apr 10 j 16:22	26° $\Re$ 31'41	-0°37'28
minimum elong	-2917 May 01 j 14:38	16° $\Upsilon$ 05'31	2°26'29	minimum elong	-2916 Apr 10 j 14:36	26° $\Re$ 34'10	0°36'51
morning rise	-2917 May 10 j 17:50	12° $\Upsilon$ 00'24		min. Earth dist.	-2916 Apr 10 j 23:04	26° $\Re$ 22'15	0.55118 AU
direct	-2917 May 13 j 08:07	11° $\Upsilon$ 44'24		morning rise	-2916 Apr 19 j 20:57	22° $\Re$ 28'46	
morning max el	-2917 May 24 j 07:49	16° $\Upsilon$ 51'29	20°38'43	direct	-2916 Apr 22 j 20:17	22° $\Re$ 09'26	
	-2917 Jun 03 j 07:37	0° $\Re$		morning max el	-2916 May 05 j 10:03	28° $\Re$ 09'12	22°07'18
asc. node	-2917 Jun 07 j 20:13	8° $\Re$ 08'14			-2916 May 07 j 06:21	0° $\Upsilon$	
morning set	-2917 Jun 12 j 07:29	17° $\Re$ 01'03		asc. node	-2916 May 24 j 17:18	27° $\Upsilon$ 46'56	
	-2917 Jun 18 j 14:27	0° $\Pi$			-2916 May 25 j 19:23	0° $\Re$	
				morning set	-2916 May 26 j 17:14	1° $\Re$ 52'59	
superior conj	-2917 Jun 19 j 22:23	2° $\Pi$ 43'28	1°38'00	superior conj	-2916 Jun 02 j 23:58	17° $\Re$ 14'35	1°23'30
minimum elong	-2917 Jun 19 j 20:08	2° $\Pi$ 31'56	1°37'53	minimum elong	-2916 Jun 02 j 21:20	17° $\Re$ 00'44	1°23'13
max. Earth dist.	-2917 Jun 24 j 13:18	11° $\Pi$ 57'47	1.35975 AU	max. Earth dist.	-2916 Jun 06 j 05:55	23° $\Re$ 59'30	1.34569 AU
evening rise	-2917 Jun 28 j 17:18	19° $\Pi$ 54'59			-2916 Jun 09 j 05:23	0° $\Pi$	
	-2917 Jul 04 j 07:50	0° $\Re$		evening rise	-2916 Jun 11 j 00:16	3° $\Pi$ 30'23	
desc. node	-2917 Jul 19 j 12:51	23° $\Re$ 57'02			-2916 Jun 26 j 03:41	0° $\Re$	
	-2917 Jul 23 j 23:14	0° $\Omega$		desc. node	-2916 Jul 05 j 09:52	13° $\Re$ 23'23	
evening max el	-2917 Aug 03 j 09:59	12° $\Omega$ 06'55	26°16'21	evening max el	-2916 Jul 15 j 21:36	25° $\Re$ 33'23	27°03'33
retrograde	-2917 Aug 16 j 01:55	19° $\Omega$ 18'00			-2916 Jul 21 j 06:21	0° $\Omega$	
evening set	-2917 Aug 22 j 12:08	16° $\Omega$ 35'42		retrograde	-2916 Jul 29 j 03:29	2° $\Omega$ 53'31	
min. Earth dist.	-2917 Aug 26 j 15:25	12° $\Omega$ 09'56	0.66289 AU	evening set	-2916 Aug 05 j 01:19	0° $\Omega$ 05'54	
inferior conj	-2917 Aug 28 j 01:59	10° $\Omega$ 22'55	-2°11'08		-2916 Aug 05 j 04:12	30° $\Re$	
minimum elong	-2917 Aug 28 j 05:02	10° $\Omega$ 13'28	2°09'57	min. Earth dist.	-2916 Aug 08 j 21:21	26° $\Re$ 18'11	0.65202 AU
morning rise	-2917 Sep 02 j 22:09	4° $\Omega$ 32'36		inferior conj	-2916 Aug 10 j 21:07	24° $\Re$ 01'36	-2°59'56
asc. node	-2917 Sep 03 j 19:24	4° $\Omega$ 05'29		minimum elong	-2916 Aug 11 j 00:58	23° $\Re$ 50'32	2°58'40
direct	-2917 Sep 06 j 01:03	3° $\Omega$ 36'52		morning rise	-2916 Aug 17 j 01:06	18° $\Re$ 25'24	
morning max el	-2917 Sep 12 j 21:42	7° $\Omega$ 27'55	18°52'59	direct	-2916 Aug 19 j 21:17	17° $\Re$ 41'33	
	-2917 Sep 28 j 18:22	0° $\Re$		asc. node	-2916 Aug 20 j 16:31	17° $\Re$ 45'02	
morning set	-2917 Oct 04 j 11:30	9° $\Re$ 03'09		morning max el	-2916 Aug 26 j 10:37	21° $\Re$ 15'23	18°16'47
desc. node	-2917 Oct 15 j 12:25	26° $\Re$ 29'09			-2916 Sep 02 j 04:08	0° $\Omega$	
	-2917 Oct 17 j 17:59	0° $\Omega$		morning set	-2916 Sep 14 j 05:59	19° $\Omega$ 32'29	
max. Earth dist.	-2917 Oct 19 j 21:59	3° $\Omega$ 24'49	1.44829 AU		-2916 Sep 20 j 15:07	0° $\Re$	
superior conj	-2917 Oct 20 j 17:23	4° $\Omega$ 41'16	-0°32'55	superior conj	-2916 Sep 28 j 18:40	13° $\Re$ 05'05	0°16'43
minimum elong	-2917 Oct 20 j 13:07	4° $\Omega$ 24'27	0°32'23	minimum elong	-2916 Sep 28 j 20:45	13° $\Re$ 13'25	0°16'28
evening rise	-2917 Nov 05 j 07:53	29° $\Omega$ 32'35		desc. node	-2916 Oct 01 j 09:22	17° $\Re$ 13'28	
	-2917 Nov 05 j 14:40	0° $\Re$		max. Earth dist.	-2916 Oct 01 j 16:41	17° $\Re$ 42'21	1.44754 AU
	-2917 Nov 25 j 12:04	0° $\Re$		evening rise	-2916 Oct 09 j 12:36	0° $\Omega$	
evening max el	-2917 Nov 26 j 07:17	0° $\Re$ 51'28	18°48'27	greatest brilliancy	-2916 Oct 15 j 08:13	9° $\Omega$ 04'59	
asc. node	-2917 Nov 30 j 18:29	4° $\Re$ 11'23			-2916 Oct 27 j 00:19	27° $\Omega$ 09'02	-0.7m
retrograde	-2917 Dec 03 j 01:49	4° $\Re$ 40'39			-2916 Oct 28 j 21:37	0° $\Re$	
evening set	-2917 Dec 06 j 04:44	3° $\Re$ 45'04		evening max el	-2916 Nov 08 j 15:16	14° $\Re$ 17'51	19°34'22
	-2917 Dec 10 j 08:23	30° $\Re$		retrograde	-2916 Nov 15 j 22:21	18° $\Re$ 31'52	
inferior conj	-2917 Dec 11 j 23:50	28° $\Re$ 02'29	3°13'46	asc. node	-2916 Nov 16 j 15:35	18° $\Re$ 28'54	
minimum elong	-2917 Dec 11 j 20:48	28° $\Re$ 11'44	3°12'57	evening set	-2916 Nov 19 j 08:32	17° $\Re$ 23'17	
min. Earth dist.	-2917 Dec 13 j 16:41	25° $\Re$ 58'07	0.65158 AU	inferior conj	-2916 Nov 24 j 22:17	11° $\Re$ 26'23	2°34'50
morning rise	-2917 Dec 17 j 12:33	21° $\Re$ 55'18		minimum elong	-2916 Nov 24 j 19:21	11° $\Re$ 35'54	2°33'51
direct	-2917 Dec 24 j 04:36	19° $\Re$ 04'08		min. Earth dist.	-2916 Nov 26 j 01:24	9° $\Re$ 58'11	0.66240 AU
morning max el	-2916 Jan 06 j 07:15	26° $\Re$ 40'41	26°54'26	morning rise	-2916 Nov 30 j 05:58	5° $\Re$ 14'19	
	-2916 Jan 09 j 10:19	0° $\Re$		direct	-2916 Dec 06 j 09:10	2° $\Re$ 32'49	
desc. node	-2916 Jan 11 j 11:51	2° $\Re$ 23'29		morning max el	-2916 Dec 18 j 16:37	9° $\Re$ 48'52	25°49'05
	-2916 Jan 30 j 15:50	0° $\Re$		desc. node	-2916 Dec 28 j 08:54	21° $\Re$ 11'54	
morning set	-2916 Feb 11 j 01:40	20° $\Re$ 23'35			-2915 Jan 03 j 17:22	0° $\Re$	
max. Earth dist.	-2916 Feb 15 j 12:48	29° $\Re$ 10'56	1.34405 AU		-2915 Jan 22 j 04:58	0° $\Re$	
	-2916 Feb 15 j 22:31	0° $\Re$		morning set	-2915 Jan 23 j 22:48	3° $\Re$ 10'14	
superior conj	-2916 Feb 19 j 10:48	7° $\Re$ 13'21	-1°09'58	max. Earth dist.	-2915 Jan 27 j 19:59	10° $\Re$ 27'27	1.35899 AU
minimum elong	-2916 Feb 19 j 13:46	7° $\Re$ 28'45	1°09'33	superior conj	-2915 Feb 02 j 05:43	21° $\Re$ 05'36	-1°31'17
evening rise	-2916 Feb 26 j 21:51	22° $\Re$ 53'22		minimum elong	-2915 Feb 02 j 09:03	21° $\Re$ 22'23	1°30'58
asc. node	-2916 Feb 26 j 17:51	22° $\Re$ 32'31			-2915 Feb 06 j 14:34	0° $\Re$	
	-2916 Mar 01 j 09:47	0° $\Re$		evening rise	-2915 Feb 10 j 04:05	7° $\Re$ 18'25	
evening max el	-2916 Mar 17 j 21:21	24° $\Re$ 59'38	21°24'42	asc. node	-2915 Feb 12 j 14:52	12° $\Re$ 14'28	
	-2916 Mar 25 j 11:51	0° $\Upsilon$					

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

	-2915 Feb 22 j 19:35	0° $\text{H}$		evening max el	-2914 Feb 10 j 23:19	18° $\approx$ 25'11	19°08'20
evening max el	-2915 Feb 28 j 05:01	6° $\text{H}$ 24'03	20°07'20	retrograde	-2914 Feb 19 j 16:55	22° $\approx$ 35'54	
retrograde	-2915 Mar 10 j 12:33	11° $\text{H}$ 18'43		evening set	-2914 Feb 22 j 01:03	22° $\approx$ 19'14	
evening set	-2915 Mar 12 j 18:28	11° $\text{H}$ 05'44		inferior conj	-2914 Mar 02 j 03:36	18° $\approx$ 06'55	2°47'09
inferior conj	-2915 Mar 21 j 14:30	7° $\text{H}$ 06'00	1°17'41	minimum elong	-2914 Mar 02 j 08:25	17° $\approx$ 58'36	2°45'54
minimum elong	-2915 Mar 21 j 17:45	7° $\text{H}$ 01'06	1°16'34	min. Earth dist.	-2914 Mar 05 j 04:32	16° $\approx$ 02'18	0.56893 AU
min. Earth dist.	-2915 Mar 23 j 13:07	5° $\text{H}$ 55'59	0.55591 AU	morning rise	-2914 Mar 10 j 12:59	13° $\approx$ 08'29	
desc. node	-2915 Mar 26 j 07:56	4° $\text{H}$ 22'46		desc. node	-2914 Mar 13 j 05:03	12° $\approx$ 22'29	
morning rise	-2915 Mar 30 j 15:08	2° $\text{H}$ 38'59		direct	-2914 Mar 15 j 13:39	12° $\approx$ 09'16	
direct	-2915 Apr 03 j 10:56	2° $\text{H}$ 06'54		morning max el	-2914 Mar 29 j 18:54	19° $\approx$ 27'54	25°22'37
morning max el	-2915 Apr 17 j 03:58	8° $\text{H}$ 53'44	23°46'10		-2914 Apr 07 j 16:26	0° $\text{H}$	
	-2915 May 02 j 13:08	0° $\text{Y}$			-2914 Apr 24 j 19:14	0° $\text{Y}$	
morning set	-2915 May 11 j 05:02	16° $\text{Y}$ 52'48		morning set	-2914 Apr 25 j 17:06	1° $\text{Y}$ 54'13	
asc. node	-2915 May 11 j 14:21	17° $\text{Y}$ 41'49		asc. node	-2914 Apr 28 j 11:22	7° $\text{Y}$ 47'21	
	-2915 May 17 j 08:07	0° $\text{B}$					
				superior conj	-2914 May 02 j 17:13	17° $\text{Y}$ 01'12	0°43'12
superior conj	-2915 May 18 j 06:58	2° $\text{B}$ 03'02	1°04'52	minimum elong	-2914 May 02 j 15:25	16° $\text{Y}$ 51'28	0°42'51
minimum elong	-2915 May 18 j 04:33	1° $\text{B}$ 49'59	1°04'30	max. Earth dist.	-2914 May 03 j 17:03	19° $\text{Y}$ 10'56	1.32859 AU
max. Earth dist.	-2915 May 20 j 07:59	6° $\text{B}$ 24'58	1.33529 AU		-2914 May 08 j 18:40	0° $\text{B}$	
evening rise	-2915 May 25 j 18:40	17° $\text{B}$ 41'14		evening rise	-2914 May 09 j 20:59	2° $\text{B}$ 16'14	
	-2915 Jun 01 j 04:46	0° $\text{II}$			-2914 May 25 j 02:09	0° $\text{II}$	
	-2915 Jun 20 j 13:26	0° $\text{E}$		desc. node	-2914 Jun 09 j 04:00	19° $\text{II}$ 51'32	
desc. node	-2915 Jun 22 j 06:55	2° $\text{E}$ 07'41		evening max el	-2914 Jun 10 j 15:33	21° $\text{II}$ 19'31	27°14'36
evening max el	-2915 Jun 28 j 08:11	8° $\text{E}$ 41'49	27°24'41	retrograde	-2914 Jun 24 j 13:08	28° $\text{II}$ 41'18	
retrograde	-2915 Jul 11 j 23:29	16° $\text{E}$ 04'44		evening set	-2914 Jul 01 j 14:39	26° $\text{II}$ 20'33	
evening set	-2915 Jul 19 j 03:29	13° $\text{E}$ 23'23		min. Earth dist.	-2914 Jul 05 j 05:12	23° $\text{II}$ 31'18	0.61920 AU
min. Earth dist.	-2915 Jul 22 j 18:15	10° $\text{E}$ 09'52	0.63732 AU	inferior conj	-2914 Jul 08 j 07:12	20° $\text{II}$ 41'17	-4°13'10
inferior conj	-2915 Jul 25 j 07:54	7° $\text{E}$ 30'16	-3°42'06	minimum elong	-2914 Jul 08 j 10:07	20° $\text{II}$ 34'33	4°12'43
minimum elong	-2915 Jul 25 j 11:52	7° $\text{E}$ 19'57	3°41'07	morning rise	-2914 Jul 15 j 07:01	15° $\text{II}$ 42'20	
morning rise	-2915 Jul 31 j 21:09	2° $\text{E}$ 11'24		direct	-2914 Jul 17 j 20:12	15° $\text{II}$ 14'10	
direct	-2915 Aug 03 j 12:49	1° $\text{E}$ 36'34		morning max el	-2914 Jul 24 j 16:08	18° $\text{II}$ 40'04	17°57'35
asc. node	-2915 Aug 07 j 13:37	2° $\text{E}$ 57'12		asc. node	-2914 Jul 25 j 10:41	19° $\text{II}$ 27'30	
morning max el	-2915 Aug 10 j 01:43	5° $\text{E}$ 01'53	17°58'00		-2914 Aug 01 j 21:40	0° $\text{E}$	
	-2915 Aug 26 j 08:47	0° $\text{O}$		morning set	-2914 Aug 09 j 19:22	13° $\text{E}$ 59'11	
morning set	-2915 Aug 27 j 02:26	1° $\text{O}$ 16'28			-2914 Aug 18 j 18:09	0° $\text{O}$	
superior conj	-2915 Sep 08 j 14:34	22° $\text{O}$ 26'50	0°59'38	superior conj	-2914 Aug 20 j 13:55	3° $\text{O}$ 10'02	1°29'05
minimum elong	-2915 Sep 08 j 20:03	22° $\text{O}$ 49'22	0°59'02	minimum elong	-2914 Aug 20 j 18:39	3° $\text{O}$ 30'26	1°28'44
	-2915 Sep 13 j 06:04	0° $\text{P}$		max. Earth dist.	-2914 Aug 27 j 20:54	15° $\text{O}$ 26'36	1.42586 AU
max. Earth dist.	-2915 Sep 14 j 09:15	1° $\text{P}$ 48'59	1.43970 AU	evening rise	-2914 Sep 03 j 22:50	26° $\text{O}$ 49'19	
desc. node	-2915 Sep 18 j 06:20	7° $\text{P}$ 58'35		desc. node	-2914 Sep 05 j 03:19	28° $\text{O}$ 41'02	
evening rise	-2915 Sep 24 j 15:24	17° $\text{P}$ 55'27			-2914 Sep 05 j 23:34	0° $\text{P}$	
	-2915 Oct 02 j 13:07	0° $\text{A}$			-2914 Sep 26 j 09:56	0° $\text{A}$	
evening max el	-2915 Oct 22 j 17:54	27° $\text{A}$ 44'13	20°34'54	evening max el	-2914 Oct 05 j 14:27	11° $\text{A}$ 10'07	21°47'01
	-2915 Oct 25 j 04:30	0° $\text{M}$		retrograde	-2914 Oct 14 j 16:05	16° $\text{A}$ 33'26	
retrograde	-2915 Oct 30 j 19:48	2° $\text{M}$ 30'29		evening set	-2914 Oct 18 j 23:13	14° $\text{A}$ 52'03	
evening set	-2915 Nov 03 j 15:21	1° $\text{M}$ 06'37		asc. node	-2914 Oct 21 j 09:45	12° $\text{A}$ 25'31	
asc. node	-2915 Nov 03 j 12:40	1° $\text{M}$ 11'29		inferior conj	-2914 Oct 24 j 07:23	8° $\text{A}$ 36'55	0°59'09
	-2915 Nov 04 j 22:31	30° $\text{R}$ $\text{A}$		minimum elong	-2914 Oct 24 j 06:02	8° $\text{A}$ 41'32	0°58'35
inferior conj	-2915 Nov 09 j 01:30	24° $\text{A}$ 58'47	1°49'15	min. Earth dist.	-2914 Oct 24 j 11:36	8° $\text{A}$ 22'19	0.67383 AU
minimum elong	-2915 Nov 08 j 23:12	25° $\text{A}$ 06'35	1°48'21	morning rise	-2914 Oct 29 j 12:42	2° $\text{A}$ 22'23	
min. Earth dist.	-2915 Nov 09 j 16:33	24° $\text{A}$ 07'45	0.66973 AU	direct	-2914 Nov 03 j 09:47	0° $\text{A}$ 19'18	
morning rise	-2915 Nov 14 j 06:51	18° $\text{A}$ 44'10		morning max el	-2914 Nov 13 j 11:03	6° $\text{A}$ 18'57	23°01'03
direct	-2915 Nov 19 j 19:08	16° $\text{A}$ 19'58			-2914 Dec 01 j 17:40	0° $\text{M}$	
morning max el	-2915 Dec 01 j 01:18	23° $\text{A}$ 02'42	24°27'59	desc. node	-2914 Dec 02 j 02:55	0° $\text{M}$ 33'55	
	-2915 Dec 07 j 04:58	0° $\text{M}$		morning set	-2914 Dec 17 j 22:05	25° $\text{M}$ 14'01	
desc. node	-2915 Dec 15 j 05:55	10° $\text{M}$ 39'12			-2914 Dec 20 j 18:18	0° $\text{J}$	
	-2915 Dec 28 j 02:20	0° $\text{J}$		max. Earth dist.	-2914 Dec 22 j 13:00	3° $\text{J}$ 02'23	1.39854 AU
morning set	-2914 Jan 05 j 23:40	14° $\text{J}$ 52'18					
max. Earth dist.	-2914 Jan 09 j 17:40	21° $\text{J}$ 32'41	1.37776 AU	superior conj	-2914 Dec 30 j 06:15	16° $\text{J}$ 45'55	-1°56'20
	-2914 Jan 14 j 07:12	0° $\text{Z}$		minimum elong	-2914 Dec 30 j 07:04	16° $\text{J}$ 49'41	1°56'25
					-2913 Jan 06 j 07:24	0° $\text{Z}$	
superior conj	-2914 Jan 16 j 13:40	4° $\text{Z}$ 20'15	-1°47'41	evening rise	-2913 Jan 08 j 19:56	4° $\text{Z}$ 49'31	
minimum elong	-2914 Jan 16 j 16:27	4° $\text{Z}$ 33'42	1°47'36	asc. node	-2913 Jan 17 j 08:56	20° $\text{Z}$ 28'33	
evening rise	-2914 Jan 25 j 04:22	21° $\text{Z}$ 19'31			-2913 Jan 24 j 03:36	0° $\approx$	
	-2914 Jan 29 j 15:28	0° $\approx$		evening max el	-2913 Jan 25 j 02:26	0° $\approx$ 58'25	18°29'17
asc. node	-2914 Jan 30 j 11:54	1° $\approx$ 35'30		retrograde	-2913 Feb 01 j 15:33	4° $\approx$ 40'14	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

evening set	-2913 Feb 04 j 03:39	4°≈17'09			-2913 Dec 13 j 03:30	0°♊	
	-2913 Feb 11 j 05:43	30°♊		evening rise	-2913 Dec 22 j 23:24	17°♊41'02	
inferior conj	-2913 Feb 11 j 13:04	29°♊45'18	3°39'39		-2913 Dec 29 j 19:21	0°♊	
minimum elong	-2913 Feb 11 j 16:10	29°♊39'05	3°39'09	asc. node	-2912 Jan 04 j 05:57	8°♊44'24	
min. Earth dist.	-2913 Feb 14 j 22:51	27°♊02'55	0.58734 AU	evening max el	-2912 Jan 08 j 11:30	13°♊54'45	18°10'07
morning rise	-2913 Feb 19 j 02:21	24°♊20'55		retrograde	-2912 Jan 15 j 07:31	17°♊23'17	
direct	-2913 Feb 25 j 05:48	22°♊43'47		evening set	-2912 Jan 17 j 23:06	16°♊52'32	
desc. node	-2913 Feb 28 j 02:07	23°♊04'14		inferior conj	-2912 Jan 24 j 18:08	11°♊58'52	3°59'09
	-2913 Mar 11 j 04:43	0°≈		minimum elong	-2912 Jan 24 j 18:34	11°♊57'51	3°59'03
morning max el	-2913 Mar 11 j 12:33	0°≈18'53	26°41'39	min. Earth dist.	-2912 Jan 27 j 22:49	9°♊02'33	0.60772 AU
	-2913 Apr 01 j 12:57	0°♋		morning rise	-2912 Jan 31 j 12:34	6°♊16'24	
morning set	-2913 Apr 10 j 03:51	16°♋51'27		direct	-2912 Feb 07 j 08:43	4°♊02'22	
asc. node	-2913 Apr 15 j 08:21	27°♋59'11		desc. node	-2912 Feb 14 j 23:11	6°♊29'20	
	-2913 Apr 16 j 06:27	0°♌		morning max el	-2912 Feb 21 j 12:08	11°♊45'09	27°30'45
					-2912 Mar 06 j 21:11	0°≈	
superior conj	-2913 Apr 17 j 04:53	2°♌02'50	0°19'24		-2912 Mar 23 j 16:32	0°♋	
minimum elong	-2913 Apr 17 j 04:02	1°♌58'10	0°19'13	morning set	-2912 Mar 24 j 11:21	1°♋36'33	
max. Earth dist.	-2913 Apr 17 j 05:55	2°♌08'33	1.32539 AU	max. Earth dist.	-2912 Mar 30 j 18:44	15°♋03'05	1.32564 AU
evening rise	-2913 Apr 24 j 04:33	17°♌06'33					
	-2913 Apr 30 j 16:02	0°♌		superior conj	-2912 Mar 31 j 16:15	17°♋00'32	-0°05'45
	-2913 May 20 j 13:06	0°♍		minimum elong	-2912 Mar 31 j 16:31	17°♋01'57	0°05'43
evening max el	-2913 May 23 j 17:34	3°♍17'33	26°31'43	behind sun begin	-2912 Mar 31 j 11:47	16°♋36'07	
desc. node	-2913 May 27 j 01:04	6°♍09'45		behind sun end	-2912 Mar 31 j 21:14	17°♋27'48	
retrograde	-2913 Jun 06 j 18:53	10°♍35'25		asc. node	-2912 Apr 01 j 05:22	18°♋12'11	
evening set	-2913 Jun 13 j 06:33	8°♍48'15			-2912 Apr 06 j 15:52	0°♌	
min. Earth dist.	-2913 Jun 17 j 06:53	6°♍07'51	0.59903 AU	evening rise	-2912 Apr 07 j 15:05	2°♌02'57	
inferior conj	-2913 Jun 20 j 15:31	3°♍26'17	-4°26'11		-2912 Apr 22 j 21:19	0°♌	
minimum elong	-2913 Jun 20 j 15:48	3°♍25'43	4°26'07	evening max el	-2912 May 04 j 13:10	14°♌32'47	25°19'59
	-2913 Jun 25 j 10:39	30°♌		desc. node	-2912 May 12 j 22:08	20°♌27'55	
morning rise	-2913 Jun 28 j 03:09	28°♌48'52		retrograde	-2912 May 18 j 14:27	21°♌42'56	
direct	-2913 Jun 30 j 15:29	28°♌25'38		evening set	-2912 May 24 j 00:22	20°♌34'34	
	-2913 Jul 05 j 13:41	0°♍		min. Earth dist.	-2912 May 29 j 01:19	17°♌46'24	0.57905 AU
morning max el	-2913 Jul 08 j 02:57	2°♍02'25	18°16'28	inferior conj	-2912 Jun 01 j 05:19	15°♌34'45	-4°11'19
asc. node	-2913 Jul 12 j 07:43	7°♍00'38		minimum elong	-2912 Jun 01 j 01:47	15°♌40'56	4°10'51
morning set	-2913 Jul 24 j 03:25	27°♍26'56		morning rise	-2912 Jun 09 j 06:00	11°♌18'35	
	-2913 Jul 25 j 11:44	0°♎		direct	-2912 Jun 11 j 18:23	10°♌59'14	
				morning max el	-2912 Jun 20 j 07:15	14°♌59'26	18°55'39
superior conj	-2913 Aug 02 j 14:41	15°♎09'17	1°44'40	asc. node	-2912 Jun 28 j 04:46	25°♌22'06	
minimum elong	-2913 Aug 02 j 16:56	15°♎19'31	1°44'40		-2912 Jun 30 j 21:18	0°♏	
max. Earth dist.	-2913 Aug 10 j 03:08	28°♎24'46	1.40794 AU	morning set	-2912 Jul 06 j 22:20	11°♏28'12	
	-2913 Aug 11 j 01:32	0°♏					
evening rise	-2913 Aug 15 j 00:34	6°♏35'51		superior conj	-2912 Jul 15 j 11:16	28°♏08'53	1°48'44
desc. node	-2913 Aug 23 j 00:19	19°♏17'17		minimum elong	-2912 Jul 15 j 11:09	28°♏08'21	1°48'50
	-2913 Aug 30 j 03:47	0°♐			-2912 Jul 16 j 10:37	0°♎	
evening max el	-2913 Sep 18 j 05:43	24°♐37'25	23°06'11	max. Earth dist.	-2912 Jul 22 j 05:42	10°♎41'42	1.38826 AU
	-2913 Sep 25 j 10:02	0°♑		evening rise	-2912 Jul 26 j 03:56	17°♎35'59	
retrograde	-2913 Sep 28 j 09:46	0°♑38'42			-2912 Aug 02 j 15:07	0°♏	
	-2913 Oct 01 j 04:42	30°♑		desc. node	-2912 Aug 08 j 21:20	9°♏42'49	
evening set	-2913 Oct 03 j 06:26	28°♑38'14			-2912 Aug 23 j 12:59	0°♐	
asc. node	-2913 Oct 08 j 06:49	22°♑44'28		evening max el	-2912 Aug 30 j 17:35	8°♐07'26	24°26'21
inferior conj	-2913 Oct 08 j 14:07	22°♑19'19	0°06'17	retrograde	-2912 Sep 10 j 23:48	14°♑43'02	
minimum elong	-2913 Oct 08 j 13:58	22°♑19'50	0°06'14	evening set	-2912 Sep 16 j 11:18	12°♑23'33	
transit middle	-2913 Oct 08 j 13:58	22°♑19'50	0°06'14	min. Earth dist.	-2912 Sep 21 j 03:32	6°♑59'40	0.67280 AU
transit begin	-2913 Oct 08 j 11:28	22°♑28'26		inferior conj	-2912 Sep 21 j 20:02	6°♑04'19	-0°47'43
transit end	-2913 Oct 08 j 16:28	22°♑11'15		minimum elong	-2912 Sep 21 j 21:10	6°♑00'30	0°47'12
min. Earth dist.	-2913 Oct 08 j 08:04	22°♑40'08	0.67488 AU	asc. node	-2912 Sep 24 j 03:53	3°♑03'47	
morning rise	-2913 Oct 13 j 21:24	16°♑07'49		morning rise	-2912 Sep 27 j 07:02	29°♑58'48	
direct	-2913 Oct 18 j 04:15	14°♑26'29			-2912 Sep 27 j 06:23	30°♑	
morning max el	-2913 Oct 27 j 01:20	19°♑41'12	21°37'08	direct	-2912 Oct 01 j 01:17	28°♑37'41	
	-2913 Nov 04 j 14:00	0°♒			-2912 Oct 05 j 03:01	0°♑	
desc. node	-2913 Nov 18 j 23:54	20°♒48'21		morning max el	-2912 Oct 08 j 22:42	3°♑13'01	20°22'37
	-2913 Nov 24 j 23:20	0°♓			-2912 Oct 28 j 11:55	0°♒	
morning set	-2913 Nov 27 j 15:45	4°♓13'29		desc. node	-2912 Nov 04 j 20:53	11°♒16'52	
max. Earth dist.	-2913 Dec 04 j 13:43	15°♓25'00	1.41858 AU	morning set	-2912 Nov 05 j 14:51	12°♒26'24	
				max. Earth dist.	-2912 Nov 15 j 22:29	28°♒42'20	1.43491 AU
superior conj	-2913 Dec 12 j 02:03	28°♓09'03	-1°53'28		-2912 Nov 16 j 17:47	0°♓	
minimum elong	-2913 Dec 11 j 23:19	27°♓57'13	1°53'26				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

superior conj	-2912 Nov 21 j 19:52	8° $\mathbb{M}$ 18'00	-1°35'08	superior conj	-2911 Nov 01 j 11:00	17° $\mathbb{A}$ 13'32	-0°59'35
minimum elong	-2912 Nov 21 j 13:20	7° $\mathbb{M}$ 51'05	1°34'38	minimum elong	-2911 Nov 01 j 04:12	16° $\mathbb{A}$ 46'30	0°58'49
evening rise	-2912 Dec 04 j 10:43	29° $\mathbb{M}$ 46'30			-2911 Nov 09 j 09:34	0° $\mathbb{M}$	
	-2912 Dec 04 j 13:49	0° $\mathbb{A}$		evening rise	-2911 Nov 16 j 01:11	10° $\mathbb{M}$ 55'53	
asc. node	-2912 Dec 21 j 03:00	26° $\mathbb{A}$ 12'20			-2911 Nov 27 j 16:50	0° $\mathbb{A}$	
evening max el	-2912 Dec 21 j 23:37	27° $\mathbb{A}$ 06'54	18°10'24	evening max el	-2911 Dec 05 j 12:02	10° $\mathbb{A}$ 27'57	18°29'26
	-2912 Dec 25 j 21:23	0° $\mathbb{B}$		asc. node	-2911 Dec 08 j 00:05	12° $\mathbb{A}$ 38'12	
retrograde	-2912 Dec 28 j 12:42	0° $\mathbb{B}$ 35'24		retrograde	-2911 Dec 12 j 02:36	14° $\mathbb{A}$ 07'12	
evening set	-2912 Dec 31 j 07:46	29° $\mathbb{A}$ 56'09		evening set	-2911 Dec 15 j 02:06	13° $\mathbb{A}$ 18'13	
	-2912 Dec 31 j 04:20	30° $\mathbb{R}$ $\mathbb{A}$		inferior conj	-2911 Dec 21 j 01:10	7° $\mathbb{A}$ 45'04	3°32'02
inferior conj	-2911 Jan 06 j 15:29	24° $\mathbb{A}$ 41'34	3°54'08	minimum elong	-2911 Dec 20 j 22:23	7° $\mathbb{A}$ 53'10	3°31'26
minimum elong	-2911 Jan 06 j 13:49	24° $\mathbb{A}$ 45'56	3°53'53	min. Earth dist.	-2911 Dec 23 j 02:29	5° $\mathbb{A}$ 21'52	0.64366 AU
min. Earth dist.	-2911 Jan 09 j 07:37	21° $\mathbb{A}$ 53'49	0.62710 AU	morning rise	-2911 Dec 26 j 18:11	1° $\mathbb{A}$ 41'17	
morning rise	-2911 Jan 12 j 19:03	18° $\mathbb{A}$ 46'34			-2911 Dec 29 j 05:01	30° $\mathbb{R}$ $\mathbb{M}$	
direct	-2911 Jan 19 j 20:20	16° $\mathbb{A}$ 06'31		direct	-2910 Jan 02 j 15:27	28° $\mathbb{M}$ 49'55	
desc. node	-2911 Jan 31 j 20:15	22° $\mathbb{A}$ 05'45			-2910 Jan 07 j 10:23	0° $\mathbb{A}$	
morning max el	-2911 Feb 02 j 17:42	23° $\mathbb{A}$ 52'42	27°43'39	morning max el	-2910 Jan 16 j 02:45	6° $\mathbb{A}$ 33'35	27°21'10
	-2911 Feb 08 j 06:54	0° $\mathbb{B}$		desc. node	-2910 Jan 18 j 17:18	9° $\mathbb{A}$ 17'32	
	-2911 Feb 28 j 03:28	0° $\approx$			-2910 Feb 03 j 04:11	0° $\mathbb{B}$	
morning set	-2911 Mar 08 j 13:30	16° $\approx$ 02'16		morning set	-2910 Feb 20 j 07:30	29° $\mathbb{B}$ 59'22	
max. Earth dist.	-2911 Mar 14 j 03:37	27° $\approx$ 40'53	1.32954 AU		-2910 Feb 20 j 07:38	0° $\approx$	
	-2911 Mar 15 j 05:33	0° $\mathbb{H}$		max. Earth dist.	-2910 Feb 25 j 04:28	9° $\approx$ 48'45	1.33745 AU
superior conj	-2911 Mar 16 j 01:42	1° $\mathbb{H}$ 48'37	-0°31'19	superior conj	-2910 Feb 28 j 07:23	16° $\approx$ 20'58	-0°56'20
minimum elong	-2911 Mar 16 j 03:08	1° $\mathbb{H}$ 56'20	0°31'04	minimum elong	-2910 Feb 28 j 09:52	16° $\approx$ 34'06	0°55'56
asc. node	-2911 Mar 19 j 02:23	8° $\mathbb{H}$ 22'18		asc. node	-2910 Mar 05 j 23:26	28° $\approx$ 25'21	
evening rise	-2911 Mar 23 j 02:46	16° $\mathbb{H}$ 58'44			-2910 Mar 06 j 17:21	0° $\mathbb{H}$	
	-2911 Mar 29 j 14:41	0° $\mathbb{Y}$		evening rise	-2910 Mar 07 j 13:49	1° $\mathbb{H}$ 47'32	
evening max el	-2911 Apr 16 j 04:43	25° $\mathbb{Y}$ 17'54	23°49'52		-2910 Mar 23 j 15:21	0° $\mathbb{Y}$	
	-2911 Apr 22 j 08:01	0° $\mathbb{B}$		evening max el	-2910 Mar 28 j 22:21	6° $\mathbb{Y}$ 00'13	22°15'41
retrograde	-2911 Apr 29 j 22:08	2° $\mathbb{B}$ 09'59		retrograde	-2910 Apr 10 j 18:01	12° $\mathbb{Y}$ 15'39	
desc. node	-2911 Apr 29 j 19:13	2° $\mathbb{B}$ 09'57		evening set	-2910 Apr 13 j 14:47	11° $\mathbb{Y}$ 57'31	
evening set	-2911 May 03 j 23:09	1° $\mathbb{B}$ 33'50		desc. node	-2910 Apr 16 j 16:17	11° $\mathbb{Y}$ 01'28	
	-2911 May 07 j 19:18	30° $\mathbb{R}$ $\mathbb{Y}$		min. Earth dist.	-2910 Apr 22 j 05:44	8° $\mathbb{Y}$ 14'04	0.55262 AU
min. Earth dist.	-2911 May 10 j 15:52	28° $\mathbb{Y}$ 24'11	0.56244 AU	inferior conj	-2910 Apr 22 j 23:51	7° $\mathbb{Y}$ 48'25	-1°43'57
inferior conj	-2911 May 12 j 22:55	27° $\mathbb{Y}$ 00'21	-3°18'01	minimum elong	-2910 Apr 22 j 19:15	7° $\mathbb{Y}$ 54'56	1°42'25
minimum elong	-2911 May 12 j 16:42	27° $\mathbb{Y}$ 09'53	3°16'29	morning rise	-2910 May 02 j 01:18	3° $\mathbb{Y}$ 51'35	
morning rise	-2911 May 21 j 13:14	23° $\mathbb{Y}$ 00'27		direct	-2910 May 04 j 17:56	3° $\mathbb{Y}$ 35'08	
direct	-2911 May 24 j 02:06	22° $\mathbb{Y}$ 43'58		morning max el	-2910 May 16 j 10:59	9° $\mathbb{Y}$ 04'40	21°14'44
morning max el	-2911 Jun 03 j 02:28	27° $\mathbb{Y}$ 22'22	19°55'30		-2910 May 30 j 23:44	0° $\mathbb{B}$	
	-2911 Jun 05 j 15:02	0° $\mathbb{B}$		asc. node	-2910 Jun 01 j 22:54	3° $\mathbb{B}$ 46'57	
asc. node	-2911 Jun 15 j 01:49	14° $\mathbb{B}$ 20'34		morning set	-2910 Jun 05 j 08:38	10° $\mathbb{B}$ 39'17	
morning set	-2911 Jun 21 j 00:53	25° $\mathbb{B}$ 54'35		superior conj	-2910 Jun 12 j 19:36	26° $\mathbb{B}$ 11'40	1°32'27
	-2911 Jun 23 j 01:17	0° $\mathbb{H}$		minimum elong	-2910 Jun 12 j 17:06	25° $\mathbb{B}$ 58'45	1°32'16
superior conj	-2911 Jun 28 j 22:19	11° $\mathbb{H}$ 53'49	1°43'55		-2910 Jun 14 j 16:05	0° $\mathbb{H}$	
minimum elong	-2911 Jun 28 j 20:36	11° $\mathbb{H}$ 45'16	1°43'54	max. Earth dist.	-2910 Jun 16 j 20:03	4° $\mathbb{H}$ 22'11	1.35323 AU
max. Earth dist.	-2911 Jul 04 j 09:23	22° $\mathbb{H}$ 31'49	1.36938 AU	evening rise	-2910 Jun 21 j 05:43	12° $\mathbb{H}$ 56'36	
evening rise	-2911 Jul 08 j 07:18	29° $\mathbb{H}$ 47'04			-2910 Jun 30 j 19:13	0° $\mathbb{B}$	
	-2911 Jul 08 j 10:09	0° $\mathbb{B}$		desc. node	-2910 Jul 13 j 15:23	19° $\mathbb{B}$ 37'14	
desc. node	-2911 Jul 26 j 18:21	29° $\mathbb{B}$ 51'51			-2910 Jul 21 j 19:01	0° $\mathbb{B}$	
	-2911 Jul 26 j 20:36	0° $\mathbb{B}$		evening max el	-2910 Jul 26 j 15:40	5° $\mathbb{B}$ 10'59	26°39'11
evening max el	-2911 Aug 13 j 04:23	21° $\mathbb{B}$ 39'39	25°40'01	retrograde	-2910 Aug 08 j 14:27	12° $\mathbb{B}$ 27'55	
retrograde	-2911 Aug 25 j 09:32	28° $\mathbb{B}$ 41'19		evening set	-2910 Aug 15 j 06:03	9° $\mathbb{B}$ 41'56	
evening set	-2911 Aug 31 j 11:53	26° $\mathbb{B}$ 05'28		min. Earth dist.	-2910 Aug 19 j 06:00	5° $\mathbb{B}$ 32'34	0.65870 AU
min. Earth dist.	-2911 Sep 04 j 19:36	21° $\mathbb{B}$ 18'13	0.66749 AU	inferior conj	-2910 Aug 20 j 22:06	3° $\mathbb{B}$ 32'07	-2°32'28
inferior conj	-2911 Sep 05 j 23:20	19° $\mathbb{B}$ 49'17	-1°41'17	minimum elong	-2910 Aug 21 j 01:34	3° $\mathbb{B}$ 21'44	2°31'12
minimum elong	-2911 Sep 06 j 01:44	19° $\mathbb{B}$ 41'34	1°40'17		-2910 Aug 24 j 01:46	30° $\mathbb{R}$ $\mathbb{B}$	
asc. node	-2911 Sep 11 j 00:59	14° $\mathbb{B}$ 18'22		morning rise	-2910 Aug 26 j 21:27	27° $\mathbb{B}$ 47'30	
morning rise	-2911 Sep 11 j 15:44	13° $\mathbb{B}$ 52'44		asc. node	-2910 Aug 28 j 22:05	27° $\mathbb{B}$ 02'34	
direct	-2911 Sep 14 j 23:30	12° $\mathbb{B}$ 48'51		direct	-2910 Aug 29 j 21:04	26° $\mathbb{B}$ 57'24	
morning max el	-2911 Sep 22 j 03:24	16° $\mathbb{B}$ 53'35	19°21'18		-2910 Sep 04 j 21:27	0° $\mathbb{B}$	
	-2911 Oct 02 j 03:05	0° $\mathbb{B}$		morning max el	-2910 Sep 05 j 13:59	0° $\mathbb{B}$ 40'23	18°35'29
morning set	-2911 Oct 15 j 18:01	20° $\mathbb{B}$ 58'14			-2910 Sep 25 j 10:15	0° $\mathbb{B}$	
	-2911 Oct 21 j 12:40	0° $\mathbb{B}$		morning set	-2910 Sep 25 j 20:22	0° $\mathbb{B}$ 40'47	
desc. node	-2911 Oct 22 j 17:52	1° $\mathbb{B}$ 54'19		desc. node	-2910 Oct 09 j 14:52	22° $\mathbb{B}$ 37'29	
max. Earth dist.	-2911 Oct 29 j 13:12	12° $\mathbb{B}$ 36'41	1.44538 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

































































































































superior conj	-2910 Oct 11 j 11:09	25° $\mathbb{M}$ 31'59	-0°11'48	morning set	-2909 Sep 07 j 02:31	11° $\mathcal{Q}$ 43'58	
minimum elong	-2910 Oct 11 j 09:35	25° $\mathbb{M}$ 25'50	0°11'35		-2909 Sep 18 j 03:09	0° $\mathbb{M}$	
behind sun begin	-2910 Oct 11 j 01:29	24° $\mathbb{M}$ 53'54					
behind sun end	-2910 Oct 11 j 17:42	25° $\mathbb{M}$ 57'45		superior conj	-2909 Sep 20 j 18:20	4° $\mathbb{M}$ 15'12	0°36'19
max. Earth dist.	-2910 Oct 12 j 06:47	26° $\mathbb{M}$ 49'19	1.44888 AU	minimum elong	-2909 Sep 20 j 22:27	4° $\mathbb{M}$ 31'45	0°35'49
	-2910 Oct 14 j 07:15	0° $\mathcal{L}$		max. Earth dist.	-2909 Sep 25 j 00:36	11° $\mathbb{M}$ 03'24	1.44507 AU
evening rise	-2910 Oct 27 j 15:20	21° $\mathcal{L}$ 02'55		desc. node	-2909 Sep 26 j 11:52	13° $\mathbb{M}$ 22'56	
	-2910 Nov 02 j 06:38	0° $\mathbb{M}$		evening rise	-2909 Oct 07 j 06:48	0° $\mathcal{L}$ 13'39	
greatest brilliancy	-2910 Nov 05 j 04:03	4° $\mathbb{M}$ 34'10	-0.8m		-2909 Oct 07 j 03:16	0° $\mathcal{L}$	
evening max el	-2910 Nov 18 j 22:16	23° $\mathbb{M}$ 53'43	19°06'03	greatest brilliancy	-2909 Oct 20 j 17:50	20° $\mathcal{L}$ 46'53	-0.7m
asc. node	-2910 Nov 24 j 21:10	27° $\mathbb{M}$ 46'55			-2909 Oct 27 j 03:49	0° $\mathbb{M}$	
retrograde	-2910 Nov 25 j 21:31	27° $\mathbb{M}$ 52'42		evening max el	-2909 Nov 02 j 04:14	7° $\mathbb{M}$ 21'06	19°58'32
evening set	-2910 Nov 29 j 03:11	26° $\mathbb{M}$ 52'04		retrograde	-2909 Nov 09 j 18:35	11° $\mathbb{M}$ 47'45	
inferior conj	-2910 Dec 04 j 19:48	21° $\mathbb{M}$ 03'08	2°58'11	asc. node	-2909 Nov 11 j 18:13	11° $\mathbb{M}$ 24'58	
minimum elong	-2910 Dec 04 j 16:44	21° $\mathbb{M}$ 12'46	2°57'17	evening set	-2909 Nov 13 j 08:30	10° $\mathbb{M}$ 33'02	
min. Earth dist.	-2910 Dec 06 j 06:42	19° $\mathbb{M}$ 13'30	0.65667 AU	inferior conj	-2909 Nov 18 j 20:33	4° $\mathbb{M}$ 31'21	2°16'10
morning rise	-2910 Dec 10 j 05:59	14° $\mathbb{M}$ 53'23		minimum elong	-2909 Nov 18 j 17:50	4° $\mathbb{M}$ 40'21	2°15'11
direct	-2910 Dec 16 j 16:59	12° $\mathbb{M}$ 04'48		min. Earth dist.	-2909 Nov 19 j 18:25	3° $\mathbb{M}$ 18'46	0.66600 AU
morning max el	-2910 Dec 29 j 12:23	19° $\mathbb{M}$ 35'00	26°29'00		-2909 Nov 22 j 10:34	30° $\mathcal{R}$ $\mathcal{L}$	
desc. node	-2909 Jan 05 j 14:21	27° $\mathbb{M}$ 36'57		morning rise	-2909 Nov 24 j 02:56	28° $\mathcal{L}$ 18'01	
	-2909 Jan 07 j 11:13	0° $\mathcal{X}$		direct	-2909 Nov 30 j 00:05	25° $\mathcal{L}$ 42'53	
	-2909 Jan 27 j 05:09	0° $\mathcal{Z}$			-2909 Dec 08 j 21:50	0° $\mathbb{M}$	
morning set	-2909 Feb 03 j 13:38	13° $\mathcal{Z}$ 16'09		morning max el	-2909 Dec 11 j 21:09	2° $\mathbb{M}$ 45'58	25°15'48
max. Earth dist.	-2909 Feb 07 j 18:02	21° $\mathcal{Z}$ 20'43	1.34982 AU	desc. node	-2909 Dec 23 j 11:23	16° $\mathbb{M}$ 44'01	
					-2908 Jan 01 j 16:00	0° $\mathcal{X}$	
superior conj	-2909 Feb 12 j 07:02	0° $\approx$ 30'36	-1°19'28	morning set	-2908 Jan 17 j 02:56	25° $\mathcal{X}$ 37'59	
minimum elong	-2909 Feb 12 j 10:14	0° $\approx$ 47'03	1°19'05		-2908 Jan 19 j 12:26	0° $\mathcal{Z}$	
	-2909 Feb 12 j 01:05	0° $\approx$		max. Earth dist.	-2908 Jan 20 j 20:21	2° $\mathcal{Z}$ 28'17	1.36659 AU
evening rise	-2909 Feb 19 j 22:23	16° $\approx$ 23'11					
asc. node	-2909 Feb 20 j 20:29	18° $\approx$ 16'37		superior conj	-2908 Jan 26 j 21:48	14° $\mathcal{Z}$ 09'05	-1°39'00
	-2909 Feb 26 j 21:08	0° $\mathcal{H}$		minimum elong	-2908 Jan 27 j 01:03	14° $\mathcal{Z}$ 25'08	1°38'46
evening max el	-2909 Mar 11 j 00:07	17° $\mathcal{H}$ 05'46	20°49'48		-2908 Feb 03 j 18:34	0° $\approx$	
retrograde	-2909 Mar 22 j 07:19	22° $\mathcal{H}$ 29'47		evening rise	-2908 Feb 04 j 02:23	0° $\approx$ 39'27	
evening set	-2909 Mar 24 j 14:45	22° $\mathcal{H}$ 17'07		asc. node	-2908 Feb 07 j 17:30	7° $\approx$ 50'56	
inferior conj	-2909 Apr 02 j 18:52	18° $\mathcal{H}$ 19'30	0°12'57	evening max el	-2908 Feb 21 j 12:34	28° $\approx$ 47'03	19°39'52
minimum elong	-2909 Apr 02 j 19:27	18° $\mathcal{H}$ 18'39	0°12'43		-2908 Feb 22 j 21:28	0° $\mathcal{H}$	
transit middle	-2909 Apr 02 j 19:27	18° $\mathcal{H}$ 18'39	0°12'43	retrograde	-2908 Mar 02 j 02:45	3° $\mathcal{H}$ 20'54	
transit begin	-2909 Apr 02 j 17:01	18° $\mathcal{H}$ 22'08		evening set	-2908 Mar 04 j 09:21	3° $\mathcal{H}$ 06'40	
transit end	-2909 Apr 02 j 21:53	18° $\mathcal{H}$ 15'09			-2908 Mar 11 j 09:44	30° $\mathcal{R}$ $\approx$	
desc. node	-2909 Apr 03 j 13:23	17° $\mathcal{H}$ 52'57		inferior conj	-2908 Mar 12 j 22:13	29° $\approx$ 03'05	1°59'54
min. Earth dist.	-2909 Apr 03 j 19:51	17° $\mathcal{H}$ 43'43	0.55199 AU	minimum elong	-2908 Mar 13 j 02:40	28° $\approx$ 56'03	1°58'31
morning rise	-2909 Apr 11 j 23:14	14° $\mathcal{H}$ 07'38		min. Earth dist.	-2908 Mar 15 j 10:16	27° $\approx$ 28'29	0.56061 AU
direct	-2909 Apr 15 j 05:46	13° $\mathcal{H}$ 44'20		desc. node	-2908 Mar 20 j 10:28	24° $\approx$ 50'50	
morning max el	-2909 Apr 28 j 09:11	20° $\mathcal{H}$ 06'29	22°48'48	morning rise	-2908 Mar 21 j 17:30	24° $\approx$ 22'58	
	-2909 May 06 j 15:23	0° $\mathcal{Y}$		direct	-2908 Mar 26 j 01:27	23° $\approx$ 40'58	
asc. node	-2909 May 19 j 19:56	23° $\mathcal{Y}$ 33'10			-2908 Apr 08 j 06:26	0° $\mathcal{H}$	
morning set	-2909 May 20 j 19:26	25° $\mathcal{Y}$ 35'08		morning max el	-2908 Apr 09 j 00:54	0° $\mathcal{H}$ 43'05	24°28'18
	-2909 May 22 j 21:42	0° $\mathcal{B}$			-2908 Apr 29 j 01:28	0° $\mathcal{Y}$	
superior conj	-2909 May 27 j 23:46	10° $\mathcal{B}$ 51'12	1°16'03	morning set	-2908 May 04 j 07:32	10° $\mathcal{Y}$ 36'26	
minimum elong	-2909 May 27 j 21:10	10° $\mathcal{B}$ 37'21	1°15'43	asc. node	-2908 May 05 j 16:58	13° $\mathcal{Y}$ 33'24	
max. Earth dist.	-2909 May 30 j 16:38	16° $\mathcal{B}$ 32'46	1.34075 AU	superior conj	-2908 May 11 j 08:22	25° $\mathcal{Y}$ 44'34	0°55'59
evening rise	-2909 Jun 04 j 18:02	26° $\mathcal{B}$ 48'55		minimum elong	-2908 May 11 j 06:10	25° $\mathcal{Y}$ 32'40	0°55'37
	-2909 Jun 06 j 09:15	0° $\mathbb{I}$		max. Earth dist.	-2908 May 12 j 22:12	29° $\mathcal{Y}$ 08'41	1.33206 AU
	-2909 Jun 24 j 02:31	0° $\mathcal{E}$			-2908 May 13 j 07:46	0° $\mathcal{B}$	
desc. node	-2909 Jun 30 j 12:26	8° $\mathcal{E}$ 47'52		evening rise	-2908 May 18 j 16:11	11° $\mathcal{B}$ 11'33	
evening max el	-2909 Jul 09 j 03:09	18° $\mathcal{E}$ 31'52	27°16'12		-2908 May 28 j 15:38	0° $\mathbb{I}$	
retrograde	-2909 Jul 22 j 13:54	25° $\mathcal{E}$ 54'07		desc. node	-2908 Jun 16 j 09:29	27° $\mathbb{I}$ 08'56	
evening set	-2909 Jul 29 j 14:58	23° $\mathcal{E}$ 07'48			-2908 Jun 19 j 00:49	0° $\mathcal{E}$	
min. Earth dist.	-2909 Aug 02 j 08:26	19° $\mathcal{E}$ 35'07	0.64618 AU	evening max el	-2908 Jun 20 j 12:54	1° $\mathcal{E}$ 29'21	27°24'28
inferior conj	-2909 Aug 04 j 14:01	17° $\mathcal{E}$ 07'41	-3°18'52	retrograde	-2908 Jul 04 j 07:01	8° $\mathcal{E}$ 51'12	
minimum elong	-2909 Aug 04 j 18:03	16° $\mathcal{E}$ 56'36	3°17'41	evening set	-2908 Jul 11 j 11:11	6° $\mathcal{E}$ 17'11	
morning rise	-2909 Aug 10 j 21:46	11° $\mathcal{E}$ 38'14		min. Earth dist.	-2908 Jul 15 j 01:11	3° $\mathcal{E}$ 15'21	0.63000 AU
direct	-2909 Aug 13 j 15:42	10° $\mathcal{E}$ 58'35		inferior conj	-2908 Jul 17 j 20:18	0° $\mathcal{E}$ 29'47	-3°56'59
asc. node	-2909 Aug 15 j 19:10	11° $\mathcal{E}$ 22'44		minimum elong	-2908 Jul 18 j 00:00	0° $\mathcal{E}$ 20'38	3°56'14
morning max el	-2909 Aug 20 j 04:06	14° $\mathcal{E}$ 28'06	18°06'33		-2908 Jul 18 j 08:23	30° $\mathcal{R}$ $\mathbb{I}$	
	-2909 Aug 31 j 02:32	0° $\mathcal{Q}$		morning rise	-2908 Jul 24 j 13:51	25° $\mathbb{I}$ 18'47	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-2908 Jul 27 j 04:20	24° $\Pi$ 46'54		asc. node	-2907 Jul 19 j 13:18	14° $\Pi$ 08'34	
asc. node	-2908 Aug 01 j 16:14	27° $\Pi$ 09'40			-2907 Jul 29 j 13:07	0° $\mathfrak{C}$	
morning max el	-2908 Aug 02 j 19:08	28° $\Pi$ 11'14	17°55'30	morning set	-2907 Aug 02 j 08:19	6° $\mathfrak{C}$ 58'35	
	-2908 Aug 04 j 11:11	0° $\mathfrak{C}$					
morning set	-2908 Aug 19 j 08:23	23° $\mathfrak{C}$ 55'01		superior conj	-2907 Aug 12 j 12:19	25° $\mathfrak{C}$ 27'53	1°37'17
	-2908 Aug 22 j 19:19	0° $\Omega$		minimum elong	-2907 Aug 12 j 16:04	25° $\mathfrak{C}$ 44'26	1°37'06
					-2907 Aug 15 j 02:35	0° $\Omega$	
superior conj	-2908 Aug 31 j 01:32	14° $\Omega$ 10'18	1°13'55	max. Earth dist.	-2907 Aug 20 j 01:32	8° $\Omega$ 25'08	1.41856 AU
minimum elong	-2908 Aug 31 j 07:05	14° $\Omega$ 33'33	1°13'22	evening rise	-2907 Aug 26 j 01:06	18° $\Omega$ 10'56	
max. Earth dist.	-2908 Sep 06 j 15:47	25° $\Omega$ 01'24	1.43450 AU	desc. node	-2907 Aug 30 j 05:51	24° $\Omega$ 48'02	
	-2908 Sep 09 j 18:16	0° $\mathfrak{N}$			-2907 Sep 02 j 14:55	0° $\mathfrak{N}$	
desc. node	-2908 Sep 12 j 08:51	4° $\mathfrak{N}$ 07'27			-2907 Sep 24 j 02:38	0° $\mathfrak{A}$	
evening rise	-2908 Sep 15 j 11:36	8° $\mathfrak{N}$ 59'21		evening max el	-2907 Sep 27 j 22:28	4° $\mathfrak{A}$ 14'15	22°20'06
	-2908 Sep 29 j 09:36	0° $\mathfrak{A}$		retrograde	-2907 Oct 07 j 11:02	9° $\mathfrak{A}$ 53'59	
evening max el	-2908 Oct 15 j 04:23	20° $\mathfrak{A}$ 47'49	21°04'25	evening set	-2907 Oct 11 j 23:48	8° $\mathfrak{A}$ 04'20	
retrograde	-2908 Oct 23 j 15:38	25° $\mathfrak{A}$ 48'53		asc. node	-2907 Oct 15 j 12:20	4° $\mathfrak{A}$ 13'43	
evening set	-2908 Oct 27 j 15:58	24° $\mathfrak{A}$ 17'38		inferior conj	-2907 Oct 17 j 07:33	1° $\mathfrak{A}$ 46'59	0°37'00
asc. node	-2908 Oct 28 j 15:17	23° $\mathfrak{A}$ 27'59		minimum elong	-2907 Oct 17 j 06:42	1° $\mathfrak{A}$ 49'57	0°36'37
inferior conj	-2908 Nov 02 j 01:05	18° $\mathfrak{A}$ 06'23	1°28'27	min. Earth dist.	-2907 Oct 17 j 07:17	1° $\mathfrak{A}$ 47'55	0.67462 AU
minimum elong	-2908 Nov 01 j 23:10	18° $\mathfrak{A}$ 12'59	1°27'39		-2907 Oct 18 j 14:48	30° $\mathfrak{R}$ $\mathfrak{N}$	
min. Earth dist.	-2908 Nov 02 j 11:22	17° $\mathfrak{A}$ 31'10	0.67190 AU	morning rise	-2907 Oct 22 j 13:29	25° $\mathfrak{N}$ 33'34	
morning rise	-2908 Nov 07 j 06:12	11° $\mathfrak{A}$ 51'46		direct	-2907 Oct 27 j 04:17	23° $\mathfrak{N}$ 40'03	
direct	-2908 Nov 12 j 12:02	9° $\mathfrak{A}$ 36'21		morning max el	-2907 Nov 05 j 17:21	29° $\mathfrak{N}$ 20'18	22°24'41
morning max el	-2908 Nov 23 j 05:53	16° $\mathfrak{A}$ 00'45	23°51'12		-2907 Nov 06 j 08:45	0° $\mathfrak{A}$	
	-2908 Dec 04 j 18:25	0° $\mathfrak{M}$		desc. node	-2907 Nov 26 j 05:23	26° $\mathfrak{A}$ 28'41	
desc. node	-2908 Dec 09 j 08:23	6° $\mathfrak{M}$ 24'19			-2907 Nov 28 j 13:39	0° $\mathfrak{M}$	
	-2908 Dec 24 j 16:02	0° $\mathfrak{J}$		morning set	-2907 Dec 09 j 03:14	16° $\mathfrak{M}$ 33'30	
morning set	-2908 Dec 28 j 17:11	6° $\mathfrak{J}$ 47'18		max. Earth dist.	-2907 Dec 14 j 13:49	25° $\mathfrak{M}$ 34'04	1.40736 AU
max. Earth dist.	-2907 Jan 01 j 16:26	13° $\mathfrak{J}$ 41'36	1.38657 AU		-2907 Dec 17 j 04:09	0° $\mathfrak{J}$	
superior conj	-2907 Jan 08 j 23:49	27° $\mathfrak{J}$ 04'48	-1°52'32	superior conj	-2907 Dec 22 j 08:16	9° $\mathfrak{J}$ 05'43	-1°56'46
minimum elong	-2907 Jan 09 j 01:58	27° $\mathfrak{J}$ 14'58	1°52'30	minimum elong	-2907 Dec 22 j 07:45	9° $\mathfrak{J}$ 03'25	1°56'50
	-2907 Jan 10 j 12:41	0° $\mathfrak{Z}$		evening rise	-2906 Jan 01 j 10:16	27° $\mathfrak{J}$ 43'50	
evening rise	-2907 Jan 17 j 23:20	14° $\mathfrak{Z}$ 28'35			-2906 Jan 02 j 15:18	0° $\mathfrak{Z}$	
asc. node	-2907 Jan 24 j 14:31	27° $\mathfrak{Z}$ 01'13		asc. node	-2906 Jan 11 j 11:31	15° $\mathfrak{Z}$ 39'53	
	-2907 Jan 26 j 07:41	0° $\approx$		evening max el	-2906 Jan 17 j 16:47	23° $\mathfrak{Z}$ 46'26	18°18'36
evening max el	-2907 Feb 03 j 10:52	11° $\approx$ 02'37	18°49'11	retrograde	-2906 Jan 24 j 21:31	27° $\mathfrak{Z}$ 21'14	
retrograde	-2907 Feb 11 j 14:53	14° $\approx$ 59'11		evening set	-2906 Jan 27 j 10:59	26° $\mathfrak{Z}$ 55'07	
evening set	-2907 Feb 14 j 00:47	14° $\approx$ 39'54		inferior conj	-2906 Feb 03 j 13:54	22° $\mathfrak{Z}$ 13'51	3°51'28
inferior conj	-2907 Feb 21 j 19:44	10° $\approx$ 19'22	3°13'55	minimum elong	-2906 Feb 03 j 15:52	22° $\mathfrak{Z}$ 09'39	3°51'12
minimum elong	-2907 Feb 22 j 00:06	10° $\approx$ 11'21	3°12'59	min. Earth dist.	-2906 Feb 06 j 22:44	19° $\mathfrak{Z}$ 22'29	0.59599 AU
min. Earth dist.	-2907 Feb 25 j 02:17	7° $\approx$ 56'26	0.57636 AU	morning rise	-2906 Feb 10 j 18:45	16° $\mathfrak{Z}$ 40'30	
morning rise	-2907 Mar 01 j 20:48	5° $\approx$ 09'10		direct	-2906 Feb 17 j 06:27	14° $\mathfrak{Z}$ 47'02	
direct	-2907 Mar 07 j 09:40	3° $\approx$ 54'50		desc. node	-2906 Feb 22 j 04:36	15° $\mathfrak{Z}$ 48'38	
desc. node	-2907 Mar 07 j 07:32	3° $\approx$ 54'51		morning max el	-2906 Mar 03 j 12:36	22° $\mathfrak{Z}$ 26'29	27°06'43
morning max el	-2907 Mar 21 j 16:21	11° $\approx$ 21'04	25°59'15		-2906 Mar 10 j 05:34	0° $\approx$	
	-2907 Apr 05 j 01:14	0° $\mathfrak{H}$			-2906 Mar 28 j 23:05	0° $\mathfrak{H}$	
morning set	-2907 Apr 18 j 19:15	25° $\mathfrak{H}$ 36'52		morning set	-2906 Apr 03 j 04:51	10° $\mathfrak{H}$ 29'59	
	-2907 Apr 20 j 20:50	0° $\mathfrak{Y}$		asc. node	-2906 Apr 09 j 10:59	23° $\mathfrak{H}$ 55'00	
asc. node	-2907 Apr 22 j 13:59	3° $\mathfrak{Y}$ 42'10					
				superior conj	-2906 Apr 10 j 07:08	25° $\mathfrak{H}$ 45'18	0°08'50
superior conj	-2907 Apr 25 j 19:23	10° $\mathfrak{Y}$ 44'41	0°33'17	minimum elong	-2906 Apr 10 j 06:44	25° $\mathfrak{H}$ 43'08	0°08'45
minimum elong	-2907 Apr 25 j 17:58	10° $\mathfrak{Y}$ 36'55	0°33'01	behind sun begin	-2906 Apr 10 j 02:33	25° $\mathfrak{H}$ 20'10	
max. Earth dist.	-2907 Apr 26 j 09:30	12° $\mathfrak{Y}$ 01'50	1.32686 AU	behind sun end	-2906 Apr 10 j 10:56	26° $\mathfrak{H}$ 06'07	
evening rise	-2907 May 02 j 21:01	25° $\mathfrak{Y}$ 53'53		max. Earth dist.	-2906 Apr 09 j 22:49	24° $\mathfrak{H}$ 59'45	1.32507 AU
	-2907 May 04 j 21:10	0° $\mathfrak{B}$			-2906 Apr 12 j 05:40	0° $\mathfrak{Y}$	
	-2907 May 22 j 06:13	0° $\Pi$		evening rise	-2906 Apr 17 j 06:05	10° $\mathfrak{Y}$ 47'25	
evening max el	-2907 Jun 02 j 18:11	13° $\Pi$ 50'44	27°00'13		-2906 Apr 27 j 04:09	0° $\mathfrak{B}$	
desc. node	-2907 Jun 03 j 06:32	14° $\Pi$ 19'48		evening max el	-2906 May 15 j 17:10	25° $\mathfrak{B}$ 29'01	26°04'08
retrograde	-2907 Jun 16 j 17:14	21° $\Pi$ 10'40		desc. node	-2906 May 21 j 03:35	29° $\mathfrak{B}$ 51'20	
evening set	-2907 Jun 23 j 14:38	19° $\Pi$ 02'45			-2906 May 21 j 09:03	0° $\Pi$	
min. Earth dist.	-2907 Jun 27 j 07:46	16° $\Pi$ 19'38	0.61079 AU	retrograde	-2906 May 29 j 19:10	2° $\Pi$ 45'11	
inferior conj	-2907 Jun 30 j 13:40	13° $\Pi$ 30'43	-4°21'25	evening set	-2906 Jun 04 j 21:17	1° $\Pi$ 14'13	
minimum elong	-2907 Jun 30 j 15:39	13° $\Pi$ 26'22	4°21'11		-2906 Jun 07 j 02:19	30° $\mathfrak{R}$ $\mathfrak{B}$	
morning rise	-2907 Jul 07 j 18:21	8° $\Pi$ 40'58		min. Earth dist.	-2906 Jun 09 j 05:50	28° $\mathfrak{B}$ 32'38	0.59027 AU
direct	-2907 Jul 10 j 07:11	8° $\Pi$ 14'56		inferior conj	-2906 Jun 12 j 14:26	26° $\mathfrak{B}$ 00'53	-4°23'59
morning max el	-2907 Jul 17 j 08:22	11° $\Pi$ 43'41	18°03'17	minimum elong	-2906 Jun 12 j 13:09	26° $\mathfrak{B}$ 03'19	4°23'52



Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

morning rise	-2906 Jun 20 j 07:32	21°  33'11		morning rise	-2905 Jun 02 j 02:15	3°  44'06	
direct	-2906 Jun 22 j 19:45	21°  11'49		direct	-2905 Jun 04 j 14:29	3°  26'18	
morning max el	-2906 Jun 30 j 16:51	24°  56'45	18°30'43	morning max el	-2905 Jun 13 j 17:42	7°  41'24	19°18'33
	-2906 Jul 05 j 00:08	0°  II		asc. node	-2905 Jun 23 j 07:27	20°  42'57	
asc. node	-2906 Jul 06 j 10:22	2°  II03'51			-2905 Jun 28 j 08:03	0°  II	
morning set	-2906 Jul 16 j 21:25	20°  II41'24		morning set	-2905 Jun 30 j 19:58	4°  II54'39	
	-2906 Jul 21 j 17:33	0°  ☿					
superior conj	-2906 Jul 25 j 22:14	7°  ☿54'57	1°47'39	superior conj	-2905 Jul 09 j 01:37	21°  II15'56	1°47'38
minimum elong	-2906 Jul 25 j 23:25	8°  ☿00'25	1°47'43	minimum elong	-2905 Jul 09 j 00:44	21°  II11'34	1°47'41
max. Earth dist.	-2906 Aug 02 j 05:23	21°  ☿03'25	1.39952 AU	max. Earth dist.	-2905 Jul 15 j 07:21	3°  ☿04'50	1.38000 AU
evening rise	-2906 Aug 06 j 13:25	28°  ☿27'25		evening rise	-2905 Jul 19 j 03:37	9°  ☿59'46	
	-2906 Aug 07 j 11:38	0°  ♊			-2905 Jul 31 j 06:19	0°  ♊	
desc. node	-2906 Aug 17 j 02:52	15°  ♊20'14		desc. node	-2905 Aug 03 j 23:52	5°  ♊39'28	
	-2906 Aug 27 j 03:43	0°  ♊			-2905 Aug 22 j 18:10	0°  ♊	
evening max el	-2906 Sep 10 j 11:47	17°  ♊41'43	23°40'36	evening max el	-2905 Aug 23 j 23:00	1°  ♊13'00	24°59'00
retrograde	-2906 Sep 21 j 03:27	23°  ♊59'11		retrograde	-2905 Sep 04 j 15:47	8°  ♊01'12	
evening set	-2906 Sep 26 j 06:15	21°  ♊50'27		evening set	-2905 Sep 10 j 09:32	5°  ♊34'30	
min. Earth dist.	-2906 Oct 01 j 03:41	16°  ♊06'28	0.67429 AU	min. Earth dist.	-2905 Sep 14 j 22:09	0°  ♊25'37	0.67092 AU
inferior conj	-2906 Oct 01 j 14:10	15°  ♊30'42	-0°16'34		-2905 Sep 15 j 05:55	30°  ♊♊	
minimum elong	-2906 Oct 01 j 14:33	15°  ♊29'22	0°16'23	inferior conj	-2905 Sep 15 j 19:12	29°  ♊16'04	-1°10'37
asc. node	-2906 Oct 02 j 09:25	14°  ♊25'14		minimum elong	-2905 Sep 15 j 20:54	29°  ♊10'30	1°09'52
morning rise	-2906 Oct 06 j 22:48	9°  ♊21'15		asc. node	-2905 Sep 19 j 06:33	25°  ♊01'59	
direct	-2906 Oct 10 j 23:57	7°  ♊48'57		morning rise	-2905 Sep 21 j 08:17	23°  ♊13'41	
morning max el	-2906 Oct 19 j 10:31	12°  ♊46'34	21°04'02	direct	-2905 Sep 24 j 21:47	22°  ♊00'12	
	-2906 Nov 01 j 19:16	0°  ♋		morning max el	-2905 Oct 02 j 10:59	26°  ♊21'42	19°54'40
desc. node	-2906 Nov 13 j 02:24	16°  ♋49'42			-2905 Oct 05 j 15:58	0°  ♋	
morning set	-2906 Nov 18 j 10:51	25°  ♋06'33			-2905 Oct 26 j 05:14	0°  ♋	
	-2906 Nov 21 j 13:19	0°  ♋		morning set	-2905 Oct 28 j 08:30	3°  ♋18'07	
max. Earth dist.	-2906 Nov 26 j 17:26	8°  ♋19'05	1.42606 AU	desc. node	-2905 Oct 30 j 23:24	7°  ♋22'18	
				max. Earth dist.	-2905 Nov 09 j 04:34	21°  ♋52'26	1.44014 AU
superior conj	-2906 Dec 03 j 17:31	19°  ♋58'16	-1°47'46	superior conj	-2905 Nov 13 j 23:32	29°  ♋34'24	-1°22'05
minimum elong	-2906 Dec 03 j 13:02	19°  ♋39'15	1°47'35	minimum elong	-2905 Nov 13 j 16:13	29°  ♋04'44	1°21'24
	-2906 Dec 09 j 12:44	0°  ♌			-2905 Nov 14 j 05:51	0°  ♋	
evening rise	-2906 Dec 15 j 07:26	10°  ♌16'54		evening rise	-2905 Nov 27 j 10:22	21°  ♋59'04	
	-2906 Dec 26 j 19:02	0°  ♌			-2905 Dec 02 j 03:06	0°  ♌	
asc. node	-2906 Dec 29 j 08:33	3°  ♌37'12			-2905 Dec 15 j 16:10	20°  ♌07'52	18°16'22
evening max el	-2905 Jan 01 j 03:31	6°  ♌50'46	18°07'55	evening max el	-2905 Dec 16 j 05:37	20°  ♌40'50	
retrograde	-2905 Jan 07 j 19:35	10°  ♌17'52		asc. node	-2905 Dec 22 j 04:50	23°  ♌39'25	
evening set	-2905 Jan 10 j 12:30	9°  ♌43'46		retrograde	-2905 Dec 25 j 01:42	22°  ♌56'10	
inferior conj	-2905 Jan 17 j 02:24	4°  ♌41'19	3°59'31	evening set	-2905 Dec 31 j 05:27	17°  ♌33'36	3°46'28
minimum elong	-2905 Jan 17 j 01:50	4°  ♌42'42	3°59'24	inferior conj	-2905 Dec 31 j 03:11	17°  ♌39'48	3°46'05
min. Earth dist.	-2905 Jan 20 j 02:28	1°  ♌45'48	0.61620 AU	minimum elong	-2905 Dec 31 j 15:27	14°  ♌54'42	0.63456 AU
	-2905 Jan 22 j 02:28	30°  ♌♌		min. Earth dist.	-2904 Jan 02 j 15:27	14°  ♌54'42	0.63456 AU
morning rise	-2905 Jan 23 j 13:57	28°  ♌52'47		morning rise	-2904 Jan 06 j 04:03	11°  ♌34'47	
direct	-2905 Jan 30 j 13:38	26°  ♌25'37		direct	-2904 Jan 13 j 04:47	8°  ♌47'48	
	-2905 Feb 08 j 17:52	0°  ♌		desc. node	-2904 Jan 26 j 22:45	16°  ♌35'10	
desc. node	-2905 Feb 09 j 01:41	0°  ♌14'18		morning max el	-2904 Jan 26 j 22:08	16°  ♌33'39	27°38'10
morning max el	-2905 Feb 13 j 15:00	4°  ♌11'21	27°40'41		-2904 Feb 07 j 02:32	0°  ♌	
	-2905 Mar 04 j 20:25	0°  ♌			-2904 Feb 25 j 12:53	0°  ♌	
morning set	-2905 Mar 18 j 10:27	25°  ♌08'45		morning set	-2904 Mar 01 j 09:31	9°  ♌23'44	
	-2905 Mar 20 j 18:35	0°  ♌		max. Earth dist.	-2904 Mar 06 j 16:09	20°  ♌14'58	1.33237 AU
max. Earth dist.	-2905 Mar 24 j 10:20	7°  ♌48'54	1.32678 AU				
superior conj	-2905 Mar 25 j 17:59	10°  ♌40'41	-0°16'35	superior conj	-2904 Mar 09 j 02:06	25°  ♌23'25	-0°42'02
minimum elong	-2905 Mar 25 j 18:44	10°  ♌44'48	0°16'27	minimum elong	-2904 Mar 09 j 04:00	25°  ♌33'36	0°41'43
asc. node	-2905 Mar 27 j 08:00	14°  ♌07'51			-2904 Mar 11 j 05:31	0°  ♌	
evening rise	-2905 Apr 01 j 17:22	25°  ♌45'03		asc. node	-2904 Mar 13 j 05:01	4°  ♌15'44	
	-2905 Apr 03 j 18:22	0°  ♌		evening rise	-2904 Mar 16 j 05:01	10°  ♌39'05	
	-2905 Apr 21 j 14:47	0°  ♌			-2904 Mar 26 j 06:19	0°  ♌	
evening max el	-2905 Apr 27 j 10:35	6°  ♌29'59	24°43'09	evening max el	-2904 Apr 08 j 02:25	17°  ♌11'26	23°09'34
desc. node	-2905 May 08 j 00:39	13°  ♌07'56		retrograde	-2904 Apr 21 j 12:26	23°  ♌49'31	
retrograde	-2905 May 11 j 10:22	13°  ♌34'45		desc. node	-2904 Apr 23 j 21:44	23°  ♌36'56	
evening set	-2905 May 16 j 06:15	12°  ♌41'46		evening set	-2904 Apr 25 j 00:03	23°  ♌22'59	
min. Earth dist.	-2905 May 21 j 22:37	9°  ♌45'37	0.57132 AU	min. Earth dist.	-2904 May 02 j 12:47	20°  ♌00'46	0.55732 AU
inferior conj	-2905 May 24 j 19:45	7°  ♌52'29	-3°53'58	inferior conj	-2904 May 04 j 05:30	19°  ♌01'13	-2°42'38
minimum elong	-2905 May 24 j 14:44	8°  ♌00'45	3°53'03	minimum elong	-2904 May 03 j 23:20	19°  ♌10'16	2°40'52
				morning rise	-2904 May 13 j 01:05	15°  ♌04'15	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

direct	-2904 May 15 j 14:57	14° $\Upsilon$ 48'11		morning rise	-2903 Apr 23 j 06:15	25° $\text{H}$ 37'29	
morning max el	-2904 May 26 j 08:24	19° $\Upsilon$ 47'24	20°26'51	direct	-2903 Apr 26 j 03:30	25° $\text{H}$ 19'10	
	-2904 Jun 03 j 11:38	0° $\text{B}$			-2903 May 07 j 04:11	0° $\Upsilon$	
asc. node	-2904 Jun 09 j 04:31	9° $\text{B}$ 54'26		morning max el	-2903 May 08 j 12:09	1° $\Upsilon$ 10'57	21°53'19
morning set	-2904 Jun 14 j 01:03	19° $\text{B}$ 29'49		asc. node	-2903 May 27 j 01:32	29° $\Upsilon$ 29'51	
	-2904 Jun 19 j 03:37	0° $\text{II}$			-2903 May 27 j 07:32	0° $\text{B}$	
				morning set	-2903 May 29 j 10:19	4° $\text{B}$ 19'59	
superior conj	-2904 Jun 21 j 17:29	5° $\text{II}$ 16'03	1°39'45	superior conj	-2903 Jun 05 j 18:00	19° $\text{B}$ 43'56	1°26'00
minimum elong	-2904 Jun 21 j 15:20	5° $\text{II}$ 05'12	1°39'40	minimum elong	-2903 Jun 05 j 15:23	19° $\text{B}$ 30'14	1°25'45
max. Earth dist.	-2904 Jun 26 j 13:39	14° $\text{II}$ 52'48	1.36219 AU	max. Earth dist.	-2903 Jun 09 j 04:43	26° $\text{B}$ 51'20	1.34752 AU
evening rise	-2904 Jun 30 j 15:47	22° $\text{II}$ 37'44			-2903 Jun 10 j 18:05	0° $\text{II}$	
	-2904 Jul 04 j 17:50	0° $\text{B}$		evening rise	-2903 Jun 13 j 20:39	6° $\text{II}$ 06'40	
desc. node	-2904 Jul 20 j 20:53	25° $\text{B}$ 39'23			-2903 Jun 27 j 10:07	0° $\text{B}$	
	-2904 Jul 23 j 23:46	0° $\Omega$		desc. node	-2903 Jul 07 j 17:55	15° $\text{B}$ 11'17	
evening max el	-2904 Aug 05 j 10:11	14° $\Omega$ 46'27	26°07'28	evening max el	-2903 Jul 18 j 21:40	28° $\text{B}$ 14'24	26°57'59
retrograde	-2904 Aug 17 j 23:24	21° $\Omega$ 55'06			-2903 Jul 20 j 19:32	0° $\Omega$	
evening set	-2904 Aug 24 j 07:40	19° $\Omega$ 14'18		retrograde	-2903 Aug 01 j 01:48	5° $\Omega$ 33'58	
min. Earth dist.	-2904 Aug 28 j 12:06	14° $\Omega$ 42'59	0.66422 AU	evening set	-2903 Aug 07 j 22:14	2° $\Omega$ 46'18	
inferior conj	-2904 Aug 29 j 20:51	13° $\Omega$ 00'37	-2°03'25		-2903 Aug 10 j 19:12	30° $\text{R}$ $\text{B}$	
minimum elong	-2904 Aug 29 j 23:44	12° $\Omega$ 51'35	2°02'15	min. Earth dist.	-2903 Aug 11 j 19:12	28° $\text{B}$ 53'11	0.65389 AU
morning rise	-2904 Sep 04 j 16:00	7° $\Omega$ 08'37		inferior conj	-2903 Aug 13 j 16:59	26° $\text{B}$ 40'32	-2°52'55
asc. node	-2904 Sep 05 j 03:40	6° $\Omega$ 52'18		minimum elong	-2903 Aug 13 j 20:46	26° $\text{B}$ 29'34	2°51'39
direct	-2904 Sep 07 j 20:07	6° $\Omega$ 10'51		morning rise	-2903 Aug 19 j 19:45	21° $\text{B}$ 02'10	
morning max el	-2904 Sep 14 j 18:21	10° $\Omega$ 05'00	18°59'47	direct	-2903 Aug 22 j 16:44	20° $\text{B}$ 16'49	
	-2904 Sep 29 j 00:54	0° $\text{B}$		asc. node	-2903 Aug 23 j 00:47	20° $\text{B}$ 17'26	
morning set	-2904 Oct 06 j 20:06	12° $\text{B}$ 16'36		morning max el	-2903 Aug 29 j 06:46	23° $\text{B}$ 52'40	18°21'04
desc. node	-2904 Oct 16 j 20:24	28° $\text{B}$ 02'34			-2903 Sep 03 j 05:36	0° $\Omega$	
	-2904 Oct 18 j 02:15	0° $\text{B}$		morning set	-2903 Sep 17 j 10:24	22° $\Omega$ 33'55	
max. Earth dist.	-2904 Oct 21 j 21:19	5° $\text{B}$ 58'29	1.44777 AU		-2903 Sep 21 j 23:41	0° $\text{B}$	
superior conj	-2904 Oct 23 j 06:01	8° $\text{B}$ 07'30	-0°40'13	superior conj	-2903 Oct 02 j 06:13	16° $\text{B}$ 27'44	0°09'24
minimum elong	-2904 Oct 23 j 00:55	7° $\text{B}$ 47'24	0°39'34	minimum elong	-2903 Oct 02 j 07:25	16° $\text{B}$ 32'31	0°09'16
	-2904 Nov 05 j 22:40	0° $\text{B}$		behind sun begin	-2903 Oct 01 j 22:09	15° $\text{B}$ 55'47	
evening rise	-2904 Nov 07 j 14:44	2° $\text{B}$ 42'24		behind sun end	-2903 Oct 02 j 16:42	17° $\text{B}$ 09'13	
	-2904 Nov 25 j 03:42	0° $\text{B}$		desc. node	-2903 Oct 03 j 17:22	18° $\text{B}$ 46'46	
evening max el	-2904 Nov 28 j 04:01	3° $\text{B}$ 31'48	18°42'59	max. Earth dist.	-2903 Oct 04 j 15:52	20° $\text{B}$ 15'32	1.44813 AU
asc. node	-2904 Dec 02 j 02:43	6° $\text{B}$ 36'11			-2903 Oct 10 j 20:37	0° $\text{B}$	
retrograde	-2904 Dec 04 j 21:15	7° $\text{B}$ 18'07		evening rise	-2903 Oct 18 j 18:30	12° $\text{B}$ 23'24	
evening set	-2904 Dec 07 j 23:16	6° $\text{B}$ 24'15		greatest brilliancy	-2903 Oct 29 j 17:12	29° $\text{B}$ 25'49	-0.7m
inferior conj	-2904 Dec 13 j 19:19	0° $\text{B}$ 43'55	3°18'53		-2903 Oct 30 j 02:08	0° $\text{B}$	
minimum elong	-2904 Dec 13 j 16:19	0° $\text{B}$ 52'57	3°18'08	evening max el	-2903 Nov 11 j 12:34	16° $\text{B}$ 57'40	19°26'32
	-2904 Dec 14 j 09:50	30° $\text{R}$ $\text{B}$		retrograde	-2903 Nov 18 j 17:28	21° $\text{B}$ 07'44	
min. Earth dist.	-2904 Dec 15 j 14:16	28° $\text{B}$ 34'35	0.64963 AU	asc. node	-2903 Nov 18 j 23:48	21° $\text{B}$ 07'20	
morning rise	-2904 Dec 19 j 09:02	24° $\text{B}$ 37'34		evening set	-2903 Nov 22 j 02:24	20° $\text{B}$ 01'17	
direct	-2904 Dec 26 j 02:34	21° $\text{B}$ 46'05		inferior conj	-2903 Nov 27 j 16:49	14° $\text{B}$ 06'14	2°41'12
morning max el	-2903 Jan 08 j 07:39	29° $\text{B}$ 24'39	27°02'16	minimum elong	-2903 Nov 27 j 13:50	14° $\text{B}$ 15'51	2°40'14
	-2903 Jan 08 j 21:40	0° $\text{B}$		min. Earth dist.	-2903 Nov 28 j 21:53	12° $\text{B}$ 32'28	0.66102 AU
desc. node	-2903 Jan 12 j 19:48	4° $\text{B}$ 18'37		morning rise	-2903 Dec 03 j 01:03	7° $\text{B}$ 54'39	
	-2903 Jan 30 j 23:18	0° $\text{B}$		direct	-2903 Dec 09 j 06:18	5° $\text{B}$ 11'03	
morning set	-2903 Feb 12 j 22:58	23° $\text{B}$ 05'08		morning max el	-2903 Dec 21 j 17:11	12° $\text{B}$ 31'27	26°00'00
	-2903 Feb 16 j 11:12	0° $\approx$		desc. node	-2903 Dec 30 j 16:50	22° $\text{B}$ 59'46	
max. Earth dist.	-2903 Feb 17 j 12:41	2° $\approx$ 08'40	1.34222 AU		-2902 Jan 04 j 20:30	0° $\text{B}$	
superior conj	-2903 Feb 21 j 05:31	9° $\approx$ 47'07	-1°06'26		-2902 Jan 23 j 15:16	0° $\text{B}$	
minimum elong	-2903 Feb 21 j 08:22	10° $\approx$ 02'00	1°06'02	morning set	-2902 Jan 26 j 22:35	5° $\text{B}$ 59'58	
asc. node	-2903 Feb 28 j 02:02	24° $\approx$ 14'26		max. Earth dist.	-2902 Jan 30 j 21:27	13° $\text{B}$ 28'25	1.35646 AU
evening rise	-2903 Feb 28 j 15:15	25° $\approx$ 23'22		superior conj	-2902 Feb 05 j 01:43	23° $\text{B}$ 43'51	-1°28'19
	-2903 Mar 02 j 21:06	0° $\text{H}$		minimum elong	-2902 Feb 05 j 05:03	24° $\text{B}$ 00'42	1°27'59
evening max el	-2903 Mar 20 j 22:54	28° $\text{H}$ 00'46	21°37'29		-2902 Feb 08 j 03:19	0° $\approx$	
	-2903 Mar 23 j 05:38	0° $\Upsilon$		evening rise	-2902 Feb 12 j 22:07	9° $\approx$ 51'12	
retrograde	-2903 Apr 02 j 03:59	3° $\Upsilon$ 55'04		asc. node	-2902 Feb 14 j 23:04	13° $\approx$ 58'58	
evening set	-2903 Apr 04 j 17:29	3° $\Upsilon$ 40'15			-2902 Feb 23 j 19:24	0° $\text{H}$	
desc. node	-2903 Apr 10 j 18:49	1° $\Upsilon$ 26'00		evening max el	-2902 Mar 03 j 04:56	9° $\text{H}$ 19'57	20°17'48
	-2903 Apr 13 j 10:30	30° $\text{R}$ $\text{H}$		retrograde	-2902 Mar 13 j 18:45	14° $\text{H}$ 22'16	
inferior conj	-2903 Apr 14 j 02:08	29° $\text{H}$ 38'05	-0°55'19	evening set	-2902 Mar 16 j 00:40	14° $\text{H}$ 09'35	
minimum elong	-2903 Apr 13 j 23:33	29° $\text{H}$ 41'42	0°54'26	inferior conj	-2902 Mar 24 j 23:01	10° $\text{H}$ 10'52	1°01'19
min. Earth dist.	-2903 Apr 14 j 02:16	29° $\text{H}$ 37'53	0.55127 AU				

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

minimum elong	-2902 Mar 25 j 01:40	10° $\text{H}$ 06'54	1°00'24	min. Earth dist.	-2901 Mar 08 j 07:36	19° $\approx$ 09'17	0.56651 AU
min. Earth dist.	-2902 Mar 26 j 16:23	9° $\text{H}$ 09'36	0.55457 AU	morning rise	-2901 Mar 13 j 21:29	16° $\approx$ 12'51	
desc. node	-2902 Mar 28 j 15:53	8° $\text{H}$ 02'24		desc. node	-2901 Mar 15 j 12:57	15° $\approx$ 42'27	
morning rise	-2902 Apr 03 j 01:00	5° $\text{H}$ 48'02		direct	-2901 Mar 18 j 17:50	15° $\approx$ 18'26	
direct	-2902 Apr 06 j 16:54	5° $\text{H}$ 18'44		morning max el	-2901 Apr 01 j 21:59	22° $\approx$ 33'37	25°09'00
morning max el	-2902 Apr 20 j 07:04	11° $\text{H}$ 59'48	23°31'17		-2901 Apr 08 j 11:58	0° $\text{H}$	
	-2902 May 03 j 19:47	0° $\text{Y}$			-2901 Apr 26 j 07:40	0° $\text{Y}$	
morning set	-2902 May 13 j 21:53	19° $\text{Y}$ 19'15		morning set	-2901 Apr 28 j 10:00	4° $\text{Y}$ 20'47	
asc. node	-2902 May 13 j 22:33	19° $\text{Y}$ 22'46		asc. node	-2901 Apr 30 j 19:32	9° $\text{Y}$ 27'00	
	-2902 May 18 j 21:59	0° $\text{B}$					
superior conj	-2902 May 21 j 00:21	4° $\text{B}$ 30'43	1°07'55	superior conj	-2901 May 05 j 10:12	19° $\text{Y}$ 27'56	0°46'39
minimum elong	-2902 May 20 j 21:52	4° $\text{B}$ 17'23	1°07'34	minimum elong	-2901 May 05 j 08:18	19° $\text{Y}$ 17'33	0°46'18
max. Earth dist.	-2902 May 23 j 05:20	9° $\text{B}$ 12'53	1.33656 AU	max. Earth dist.	-2901 May 06 j 13:33	21° $\text{Y}$ 56'24	1.32935 AU
evening rise	-2902 May 28 j 13:35	20° $\text{B}$ 13'23		evening rise	-2901 May 10 j 07:56	0° $\text{B}$	
	-2902 Jun 02 j 15:15	0° $\text{II}$			-2901 May 12 j 14:54	4° $\text{B}$ 45'34	
	-2902 Jun 21 j 10:38	0° $\text{E}$			-2901 May 26 j 07:38	0° $\text{II}$	
desc. node	-2902 Jun 24 j 14:57	4° $\text{E}$ 03'20		desc. node	-2901 Jun 11 j 12:00	21° $\text{II}$ 57'44	
evening max el	-2902 Jul 01 j 08:28	11° $\text{E}$ 26'30	27°23'25	evening max el	-2901 Jun 13 j 16:34	24° $\text{II}$ 09'55	27°18'14
retrograde	-2902 Jul 14 j 22:47	18° $\text{E}$ 49'43		retrograde	-2901 Jun 21 j 14:14	0° $\text{E}$	
evening set	-2902 Jul 22 j 02:16	16° $\text{E}$ 06'33			-2901 Jun 27 j 13:28	1° $\text{E}$ 31'49	
min. Earth dist.	-2902 Jul 25 j 17:34	12° $\text{E}$ 48'21	0.63973 AU	evening set	-2901 Jul 03 j 05:08	30° $\text{R}$ $\text{II}$	
inferior conj	-2902 Jul 28 j 05:10	10° $\text{E}$ 11'26	-3°36'19	min. Earth dist.	-2901 Jul 04 j 15:55	29° $\text{II}$ 07'14	
minimum elong	-2902 Jul 28 j 09:12	10° $\text{E}$ 00'49	3°35'17	inferior conj	-2901 Jul 08 j 06:06	26° $\text{II}$ 15'02	0.62210 AU
morning rise	-2902 Aug 03 j 16:58	4° $\text{E}$ 49'48		minimum elong	-2901 Jul 11 j 06:24	23° $\text{II}$ 25'40	-4°09'27
direct	-2902 Aug 06 j 09:07	4° $\text{E}$ 13'51		morning rise	-2901 Jul 11 j 09:34	23° $\text{II}$ 18'12	4°08'56
asc. node	-2902 Aug 09 j 21:50	5° $\text{E}$ 16'35		morning rise	-2901 Jul 18 j 04:33	18° $\text{II}$ 23'25	
morning max el	-2902 Aug 12 j 21:43	7° $\text{E}$ 40'03	17°59'38	direct	-2901 Jul 20 j 17:58	17° $\text{II}$ 54'22	
	-2902 Aug 27 j 17:38	0° $\text{O}$		morning max el	-2901 Jul 27 j 12:22	21° $\text{II}$ 19'42	17°56'24
morning set	-2902 Aug 30 j 03:20	4° $\text{O}$ 08'02		asc. node	-2901 Jul 27 j 18:52	21° $\text{II}$ 35'55	
					-2901 Aug 03 j 02:31	0° $\text{E}$	
superior conj	-2902 Sep 11 j 22:30	25° $\text{O}$ 38'53	0°53'55	morning set	-2901 Aug 12 j 17:35	16° $\text{E}$ 43'04	
minimum elong	-2902 Sep 12 j 03:46	26° $\text{O}$ 00'25	0°53'19		-2901 Aug 20 j 04:20	0° $\text{O}$	
	-2902 Sep 14 j 14:49	0° $\text{np}$		superior conj	-2901 Aug 23 j 17:40	6° $\text{O}$ 09'39	1°25'32
max. Earth dist.	-2902 Sep 17 j 08:39	4° $\text{np}$ 24'07	1.44132 AU	minimum elong	-2901 Aug 23 j 22:41	6° $\text{O}$ 31'08	1°25'09
desc. node	-2902 Sep 20 j 14:23	9° $\text{np}$ 32'20		max. Earth dist.	-2901 Aug 30 j 21:11	18° $\text{O}$ 07'11	1.42828 AU
evening rise	-2902 Sep 28 j 03:21	21° $\text{np}$ 17'54		evening rise	-2901 Sep 07 j 09:28	0° $\text{np}$ 08'08	
	-2902 Oct 03 j 19:32	0° $\text{L}$		desc. node	-2901 Sep 07 j 11:23	0° $\text{np}$ 15'38	
	-2902 Oct 25 j 06:49	0° $\text{ml}$			-2901 Sep 07 j 07:23	0° $\text{np}$	
evening max el	-2902 Oct 25 j 16:03	0° $\text{ml}$ 24'08	20°25'02		-2901 Sep 27 j 11:15	0° $\text{L}$	
retrograde	-2902 Nov 02 j 14:51	5° $\text{ml}$ 05'13		evening max el	-2901 Oct 08 j 13:36	13° $\text{L}$ 50'43	21°35'43
asc. node	-2902 Nov 05 j 20:52	4° $\text{ml}$ 04'12		retrograde	-2901 Oct 17 j 11:23	19° $\text{L}$ 08'03	
evening set	-2902 Nov 06 j 08:51	3° $\text{ml}$ 43'52		evening set	-2901 Oct 21 j 16:41	17° $\text{L}$ 29'25	
	-2902 Nov 10 j 00:13	30° $\text{R}$ $\text{L}$		asc. node	-2901 Oct 23 j 17:55	15° $\text{L}$ 30'41	
inferior conj	-2902 Nov 11 j 19:26	27° $\text{L}$ 37'32	1°56'30	inferior conj	-2901 Oct 27 j 01:03	11° $\text{L}$ 15'17	1°07'00
minimum elong	-2902 Nov 11 j 17:01	27° $\text{L}$ 45'43	1°55'33	minimum elong	-2901 Oct 26 j 23:33	11° $\text{L}$ 20'27	1°06'21
min. Earth dist.	-2902 Nov 12 j 12:15	26° $\text{L}$ 40'50	0.66889 AU	min. Earth dist.	-2901 Oct 27 j 06:51	10° $\text{L}$ 55'17	0.67345 AU
morning rise	-2902 Nov 17 j 00:59	21° $\text{L}$ 23'04		morning rise	-2901 Nov 01 j 06:15	5° $\text{L}$ 00'39	
direct	-2902 Nov 22 j 15:34	18° $\text{L}$ 55'49		direct	-2901 Nov 06 j 05:39	2° $\text{L}$ 54'12	
morning max el	-2902 Dec 04 j 01:47	25° $\text{L}$ 44'23	24°40'33	morning max el	-2901 Nov 16 j 11:08	9° $\text{L}$ 00'18	23°13'59
	-2902 Dec 07 j 23:37	0° $\text{ml}$			-2901 Dec 02 j 22:02	0° $\text{ml}$	
desc. node	-2902 Dec 17 j 13:51	12° $\text{ml}$ 21'58		desc. node	-2901 Dec 04 j 10:54	2° $\text{ml}$ 13'37	
	-2902 Dec 29 j 09:52	0° $\text{X}$		morning set	-2901 Dec 21 j 05:33	28° $\text{ml}$ 27'16	
morning set	-2901 Jan 09 j 02:51	17° $\text{X}$ 52'36			-2901 Dec 22 j 03:40	0° $\text{X}$	
max. Earth dist.	-2901 Jan 12 j 19:56	24° $\text{X}$ 32'05	1.37474 AU	max. Earth dist.	-2901 Dec 25 j 15:11	5° $\text{X}$ 56'44	1.39544 AU
	-2901 Jan 15 j 18:41	0° $\text{Z}$					
superior conj	-2901 Jan 19 j 11:31	7° $\text{Z}$ 04'42	-1°45'40	superior conj	-2900 Jan 02 j 06:46	19° $\text{X}$ 39'01	-1°55'42
minimum elong	-2901 Jan 19 j 14:28	7° $\text{Z}$ 19'02	1°45'31	minimum elong	-2900 Jan 02 j 07:59	19° $\text{X}$ 44'41	1°55'45
evening rise	-2901 Jan 27 j 23:25	23° $\text{Z}$ 56'01			-2900 Jan 07 j 18:35	0° $\text{Z}$	
	-2901 Jan 31 j 01:24	0° $\approx$		evening rise	-2900 Jan 11 j 16:31	7° $\text{Z}$ 31'28	
asc. node	-2901 Feb 01 j 20:05	3° $\approx$ 23'32		asc. node	-2900 Jan 19 j 17:06	22° $\text{Z}$ 21'27	
evening max el	-2901 Feb 13 j 21:46	21° $\approx$ 15'59	19°15'57		-2900 Jan 24 j 17:15	0° $\approx$	
retrograde	-2901 Feb 22 j 20:28	25° $\approx$ 32'12		evening max el	-2900 Jan 27 j 23:47	3° $\approx$ 45'08	18°33'49
evening set	-2901 Feb 25 j 04:05	25° $\approx$ 16'17		retrograde	-2900 Feb 04 j 16:18	7° $\approx$ 30'08	
inferior conj	-2901 Mar 05 j 09:20	21° $\approx$ 06'40	2°35'57	evening set	-2900 Feb 07 j 03:54	7° $\approx$ 08'02	
minimum elong	-2901 Mar 05 j 14:11	20° $\approx$ 58'30	2°34'37	inferior conj	-2900 Feb 14 j 15:43	2° $\approx$ 39'13	3°33'59
				minimum elong	-2900 Feb 14 j 19:12	2° $\approx$ 32'24	3°33'23

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

min. Earth dist.	-2900 Feb 18 j 01:10	0°≈01'12	0.58441 AU	retrograde	-2899 Jan 17 j 06:03	20°308'06	
	-2900 Feb 18 j 01:49	30°κ3		evening set	-2899 Jan 19 j 21:07	19°338'33	
morning rise	-2900 Feb 22 j 08:04	27°318'22		inferior conj	-2899 Jan 26 j 18:04	14°347'57	3°57'55
direct	-2900 Feb 28 j 08:06	25°347'13		minimum elong	-2899 Jan 26 j 18:54	14°346'04	3°57'48
desc. node	-2900 Mar 01 j 10:01	25°358'04		min. Earth dist.	-2899 Jan 30 j 00:03	11°352'15	0.60472 AU
	-2900 Mar 09 j 18:42	0°≈		morning rise	-2899 Feb 02 j 15:06	9°307'38	
morning max el	-2900 Mar 13 j 14:52	3°≈20'08	26°31'33	direct	-2899 Feb 09 j 09:23	6°358'47	
	-2900 Apr 01 j 21:14	0°κ		desc. node	-2899 Feb 16 j 07:06	9°300'01	
morning set	-2900 Apr 11 j 21:02	19°κ18'45		morning max el	-2899 Feb 23 j 13:36	14°340'34	27°25'40
asc. node	-2900 Apr 16 j 16:34	29°κ38'02			-2899 Mar 07 j 23:13	0°≈	
	-2900 Apr 16 j 20:35	0°γ			-2899 Mar 25 j 04:59	0°κ	
				morning set	-2899 Mar 27 j 05:11	4°κ05'54	
superior conj	-2900 Apr 18 j 21:46	4°γ29'04	0°23'06	max. Earth dist.	-2899 Apr 02 j 15:17	17°κ48'54	1.32539 AU
minimum elong	-2900 Apr 18 j 20:45	4°γ23'32	0°22'54				
max. Earth dist.	-2900 Apr 19 j 02:09	4°γ53'06	1.32568 AU	superior conj	-2899 Apr 03 j 09:18	19°κ27'23	-0°01'54
evening rise	-2900 Apr 25 j 21:50	19°γ33'54		minimum elong	-2899 Apr 03 j 09:23	19°κ27'51	0°01'53
	-2900 May 01 j 02:35	0°8		behind sun begin	-2899 Apr 03 j 04:23	19°κ00'31	
	-2900 May 20 j 02:19	0°II		behind sun end	-2899 Apr 03 j 14:23	19°κ55'12	
evening max el	-2900 May 25 j 19:34	6°II14'07	26°40'05	asc. node	-2899 Apr 03 j 13:36	19°κ50'53	
desc. node	-2900 May 28 j 09:02	8°II30'28			-2899 Apr 08 j 05:28	0°γ	
retrograde	-2900 Jun 08 j 20:17	13°II32'15		evening rise	-2899 Apr 10 j 08:05	4°γ29'32	
evening set	-2900 Jun 15 j 10:55	11°II39'30			-2899 Apr 24 j 00:17	0°8	
min. Earth dist.	-2900 Jun 19 j 09:00	8°II58'54	0.60213 AU	evening max el	-2899 May 07 j 16:00	17°834'48	25°32'07
inferior conj	-2900 Jun 22 j 17:11	6°II14'52	-4°25'49	desc. node	-2899 May 15 j 06:04	23°809'03	
minimum elong	-2900 Jun 22 j 17:57	6°II13'16	4°25'43	retrograde	-2899 May 21 j 17:33	24°846'45	
morning rise	-2900 Jun 30 j 02:58	1°II34'07		evening set	-2899 May 27 j 08:04	23°832'34	
direct	-2900 Jul 02 j 15:26	1°II10'09		min. Earth dist.	-2899 Jun 01 j 04:10	20°846'42	0.58187 AU
morning max el	-2900 Jul 09 j 23:51	4°II44'25	18°12'22	inferior conj	-2899 Jun 04 j 09:56	18°829'10	-4°15'56
asc. node	-2900 Jul 13 j 15:56	9°II00'11		minimum elong	-2899 Jun 04 j 06:59	18°834'27	4°15'34
morning set	-2900 Jul 25 j 23:39	0°804'36		morning rise	-2899 Jun 12 j 08:37	14°810'15	
	-2900 Jul 25 j 22:40	0°8		direct	-2899 Jun 14 j 21:01	13°850'21	
				morning max el	-2899 Jun 23 j 05:22	17°845'59	18°48'33
superior conj	-2900 Aug 04 j 14:55	17°858'02	1°43'08	asc. node	-2899 Jun 30 j 13:01	27°815'15	
minimum elong	-2900 Aug 04 j 17:34	18°809'59	1°43'04		-2899 Jul 02 j 04:40	0°II	
	-2900 Aug 11 j 11:24	0°Ω		morning set	-2899 Jul 09 j 17:13	14°II01'41	
max. Earth dist.	-2900 Aug 12 j 04:24	1°Ω12'18	1.41079 AU		-2899 Jul 17 j 22:27	0°8	
evening rise	-2900 Aug 17 j 07:39	9°Ω44'18					
desc. node	-2900 Aug 24 j 08:23	20°Ω52'57		superior conj	-2899 Jul 18 j 08:59	0°850'06	1°48'45
	-2900 Aug 30 j 09:09	0°η		minimum elong	-2899 Jul 18 j 09:12	0°851'04	1°48'50
evening max el	-2900 Sep 20 j 05:34	27°η17'44	22°54'13	max. Earth dist.	-2899 Jul 25 j 07:23	13°835'23	1.39117 AU
	-2900 Sep 23 j 04:21	0°Ω		evening rise	-2899 Jul 29 j 07:11	20°833'18	
retrograde	-2900 Sep 30 j 05:31	3°Ω13'19			-2899 Aug 03 j 23:24	0°Ω	
evening set	-2900 Oct 05 j 00:08	1°Ω15'38		desc. node	-2899 Aug 11 j 05:22	11°Ω20'22	
	-2900 Oct 06 j 08:08	30°κη			-2899 Aug 24 j 11:14	0°η	
asc. node	-2900 Oct 09 j 15:01	25°η54'50		evening max el	-2899 Sep 02 j 17:45	10°η47'01	24°14'36
inferior conj	-2900 Oct 10 j 07:48	24°η57'07	0°14'26	retrograde	-2899 Sep 13 j 20:13	17°η18'10	
minimum elong	-2900 Oct 10 j 07:27	24°η58'17	0°14'17	evening set	-2899 Sep 19 j 05:29	15°η01'17	
transit middle	-2900 Oct 10 j 07:27	24°η58'17	0°14'17	min. Earth dist.	-2899 Sep 23 j 23:00	9°η32'12	0.67330 AU
transit begin	-2900 Oct 10 j 06:09	25°η02'49		inferior conj	-2899 Sep 24 j 13:57	8°η41'47	-0°39'32
transit end	-2900 Oct 10 j 08:46	24°η53'46		minimum elong	-2899 Sep 24 j 14:54	8°η38'36	0°39'06
min. Earth dist.	-2900 Oct 10 j 03:14	25°η12'49	0.67491 AU	asc. node	-2899 Sep 26 j 12:07	6°η10'05	
morning rise	-2900 Oct 15 j 14:40	18°η45'07		morning rise	-2899 Sep 30 j 00:18	2°η35'15	
direct	-2900 Oct 19 j 23:34	17°η00'39		direct	-2899 Oct 03 j 20:16	1°η11'22	
morning max el	-2900 Oct 29 j 00:35	22°η21'37	21°49'13	morning max el	-2899 Oct 11 j 20:55	5°η52'10	20°32'58
	-2900 Nov 04 j 13:09	0°Ω			-2899 Oct 29 j 17:49	0°Ω	
desc. node	-2900 Nov 20 j 07:55	22°Ω25'44		desc. node	-2899 Nov 07 j 04:57	12°Ω52'24	
	-2900 Nov 25 j 06:44	0°η		morning set	-2899 Nov 09 j 03:55	15°Ω54'05	
morning set	-2900 Nov 30 j 03:18	7°η38'07			-2899 Nov 18 j 02:24	0°η	
max. Earth dist.	-2900 Dec 06 j 15:10	18°η12'13	1.41579 AU	max. Earth dist.	-2899 Nov 18 j 22:45	1°η21'51	1.43280 AU
	-2900 Dec 13 j 13:28	0°x					
				superior conj	-2899 Nov 25 j 03:58	11°η32'35	-1°39'01
superior conj	-2900 Dec 14 j 06:04	1°x12'30	-1°54'49	minimum elong	-2899 Nov 24 j 21:53	11°η07'21	1°38'37
minimum elong	-2900 Dec 14 j 03:57	1°x03'15	1°54'50		-2899 Dec 05 j 23:04	0°x	
evening rise	-2900 Dec 24 j 22:05	20°x29'31		evening rise	-2899 Dec 07 j 12:07	2°x42'21	
	-2900 Dec 30 j 03:02	0°3		asc. node	-2899 Dec 23 j 11:14	28°x19'30	
asc. node	-2899 Jan 05 j 14:10	10°343'37		evening max el	-2899 Dec 24 j 19:58	29°x48'22	18°09'06
evening max el	-2899 Jan 10 j 08:08	16°338'23	18°11'39		-2899 Dec 25 j 00:40	0°3	

Attention, astronomical year style is used: The year -3400 in astronomical counting style is the year 3401 BCE in historical counting style.

retrograde	-2899 Dec 31 j 09:35	3°	316'16	
evening set	-2898 Jan 03 j 04:02	2°	338'25	
	-2898 Jan 06 j 22:56	30°	8'27	
inferior conj	-2898 Jan 09 j 13:16	27°	26'51	3°56'05
minimum elong	-2898 Jan 09 j 11:52	27°	30'28	3°55'53